Preliminary Land Quality Risk Assessment

Teesport Waste Storage Bespoke Environmental Permit Application

PD Teesport Limited

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Basis of Report

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Acronyms and Abbreviations

AOD	Above Ordnance Datum
bgl	Below ground level
BGS	British Geological Survey
COMAH	Control of Major Accident Hazards
CSM	Conceptual Site Model
EA	Environment Agency
EP	Environmental Permit
Ha	Hectares
NIHHS	Notification if Installations Handling Hazardous Substances
PLQRA	Preliminary Land Quality Risk Assessment
PPE	Personal Protective Equipment
OS	Ordnance Survey
RoFRaS	Risk of Flooding from Rivers and Sea
SCR	Site Condition Report
SLR	SLR Consulting Limited
SPA	Special Protection Areas
SSSI	Sites of Special Scientific Interest
UXO	Unexploded Ordnance

1.0 Introduction

1.1 Appointment

SLR was appointed by PD Teesport Limited (the client) to provide consultancy services to support the preparation of a bespoke Environmental Permit (EP) application for a waste bulking and storage facility at the land adjacent to the bulk terminal in Teesport, Middlesborough.

The waste bulking and storage facility will be using the existing site infrastructure. The proposed waste to be stored on site is scrap metal consisting of a mixture of pre-treated shredded metal and heavy plate and girder. There is no proposed treatment on site, only bulk storage pending loading onto ships.

A site location plan is provided as Drawing 01 and the current layout is illustrated in Drawing 02.

1.2 Objectives

The new environmental permit requires a Site Condition Report (SCR) to be submitted. The purpose of the SCR is to establish baseline conditions and provide a point of reference at the time the permit is issued. To inform the SCR, a Preliminary Land Quality Risk Assessment (PLQRA) has been undertaken.

This PLQRA report aims to establish if there is evidence of significant subsurface contamination from past or present activities on and adjacent to the site which could give rise to unacceptable risks to the site users and/or the environment. The report presents information from a site walkover along with detailed desk study information.

The information obtained has been used to develop a preliminary conceptual model of potential risks to human and environmental receptors. The conceptual model examines the potential contaminant – pathway – receptor linkages. The risks associated with the potential linkages are discussed and SLR outlines recommended measures.

1.3 Scope of Works

The scope of work for the PLQRA includes:

- Procurement of a Groundsure Enviro and Geo Insight data report ;
- A review of geological and hydrogeological data for the property;
- Analysis of historical maps and planning applications to establish the history of the site as well as past on and off site potentially contaminative activities;
- Collection and analysis of environmental data from a proprietary database;
- Undertaking a site walkover survey to identify key site features, including topography, vegetation type and condition, specific site and surrounding land uses, key surface water features, and an inspection of the building and drainage features;
- Development of a conceptual site model (CSM) an assessment of the potential significance of contaminant linkages; and
- Interpretative reporting and recommendations.

1.4 Data Sources

The report has been produced following examination of the sources of information summarised in Table 1 overleaf.

Table 1 - Information Sources

Information Type	Source
Topography	Ordnance Survey (OS) mapping
Site Setting, Geology, Hydrogeology	Google Earth Groundsure Enviro & Geo Insight Report EMS_988829_1252674 purchased 3rd December 2024 (Appendix A) British Geological Survey Website
Site History	Groundsure Historical Ordnance Survey Map Extracts EMS_988829_1252673, purchased 3rd December 2024 (Appendix B) Redcar and Cleveland Borough Council – accessed on 7th February 2025

2.0 Site Details, Setting and History

2.1 Site Description

Table 2 below, summarises the property details. Information has been obtained from OS, EA and BGS mapping, data supplied by Groundsure and from the site walkover (further detailed in Section 3.0).

Table 2 - Site Details

Address	Tees Dock Rd, Middlesbrough TS6 6TN	
Site Location	The site is located at Teesport Docks off the river Tees to the north east of Middlesbrough. The approximate grid reference is 454927, 522958.	
Site Description	The site is an irregular shaped area of approximately 3.8 hectares and surrounds the south west of the dock and quayside that extrude from the river. Further detail is included in Section 3.0	
Current Usage	The site is used by P&O Teesport.	
Surrounding Land Uses	North	Port-related industrial and commercial premises directly surround the site to the north, including container storage and distribution centres for Tesco and Asda. An additional container storage and fertiliser company, Cleveland Potash. Beyond that is a Northumbrian Water Sewage Treatment Plant.
	East	Extending for a kilometre to the east are maintenance and storage facilities related to British Steel.
	South	Immediately to the south - and extending for over a kilometre - are industrial premises that form the south bank of the Teesworks development. Companies occupying this development include Tarmac, Hanson and SeAH Wind.
	West	PD Teesport and Tees Dock road with Tees REP Power Station c.200m beyond. Further west, c.500m is the River Tees, with large oil depot on the opposite side of the river.

2.2 Physical Site Setting

A summary of the main physical features of the site is given in Table 3 below.

Table 3 - Summary of Physical Site Features

Summary of Physical Features		
Topography & Geology	Elevation and Gradient	The site is generally flat at 3 m AOD, with slight changes in elevation on site between 3 and 7 m AOD.
	Made Ground	Made Ground is recorded underlying the site as artificial deposits.
	Superficial Geology	Superficial deposits are mapped as Tidal Flat deposits comprising sand, silt and clay.
	Solid Geology	The site is underlain by the Mercia Mudstone Group comprising mudstone, siltstone and sandstone

Summary of Physical Features		
	BGS Borehole Records	There are 70 borehole records with in 250m of site, one borders the site (NZ52SW181/D). The geology is recorded as superficial deposits of silts, sands and clays to a maximum depth of 8m. Underlain by soft shales, assumed to be the Mercia Mudstone Group, to borehole termination depth, approximately 16m bgl. Depth to groundwater is not recorded in the BGS borehole record on site. A borehole c.1.2km from the site recorded groundwater to be approximately 1.5m bgl.
	Radon Gas	The site is not in a Radon Affected Area as the site lies within a classification of less than 1%. Therefore, no radon protective measures are necessary.
	Mining and ground working features	There are 57 records of surface ground workings within 250m of the site, of which 17 are associated with the site. None are recorded on site, the nearest is the dock beyond the northern border of the site. There is one record of Brit Pits within 500m, which is 421m south associated with clay and shale extraction. There is one record of non-coal mining within 500m.This being an abandoned brine well 224m south. The site is not located within a coal mining area as defined by the coal authority. There are four records of underground workings within 1km, two are related to a tunnel 655m west mapped in 1988 and 1992. The other two records are for a tunnel 679m north, also mapped in 1988 and 1992. There are no records of natural cavities. There are two records of a mining cavity within 1km for site. The closest being 482m south that is associated with brine, rock, salt and halite.
	Natural ground subsidence	The following natural ground subsidence ratings are listed for the site: • Dissolution of soluble rocks – Negligible. • Shrink-swell Clays – Very low risk. • Collapsible Deposits – Negligible. • Landslides – Very low risk. • Running Sands – Very low risk. • Compressible Deposits – Very low risk.
Hydrology	Surface Water / River Network	There are nine surface water features within 250m of site. The closest being Knitting Wife Beck inland river that is 79m south. The River Tees is located c.600m to the north/ northeast of the site. The Water Framework Directive places the site within the Tees Lower and Estuary operational catchment.
	Flood Risk	The site has a high risk of Flooding from Rivers and Sea (RoFRaS) classification. There is one record of an historical flood event on site. The event occurred in 2013 where there was tidal flooding due to an operational failure/ breach of defence.

Summary of Physical Features		
		Flood defences or areas benefiting from flood defences are not recorded within 250m of the site. The site has a Flood zone 2 and 3 category adjacent to the where site meets the River Tees. There are small discrete areas in the north west of the site that are at risk of surface water flooding with the highest risk recorded as a 1 in 30 year return period, 0.3m – 1.0m The site is recorded as “low” from groundwater flooding.
	Surface Water Abstractions	There are no active surface water abstractions within 2km of the site.
Hydrogeology	Aquifer	Superficial aquifer – Secondary Undifferentiated – high vulnerability Bedrock aquifer – Secondary B – Medium vulnerability
	Groundwater Abstractions	There are no records of groundwater abstractions within 2km.
	Source Protection Zones	The site does not lie within a Source Protection Zone.

2.3 Environmental Data Search

The Groundsure data has been reviewed to gain publicly available environmental data for the site and its immediate vicinity. A copy of the Groundsure is included in Appendix A and a summary of the search information is provided below:

- Sites determined as Contaminated Land under Part 2A EPA 1990 - No determined sites within 500m of the site.
- Discharge Consents – There are no red list discharge consents to surface water recorded on site. There are 46 licensed discharges to controlled waters recorded within 500m of the site. Two of the records are located on the border of the site and are noted as “trade discharges – process effluent” and “Sewage discharges – unspecified” The next closest is located c.600m northwest.
- Radioactive Substances Licences – There are three records of radioactive substance authorisation within 500m of the site. The closest to the site is located 19m southwest, operator being secretary of state for home affairs, permit surrendered in 01/01/2020.
- Hazardous substance storage/usage – There are six sites within 500m that hold consent to hold hazardous substances. The site has a historic and current record for ammonium nitrate. The next closest site is 115m west.
- Dangerous or Hazardous Sites – There are 11 COMAH (Control of Major Accident Hazards) sites are located within 500m of the site. The closest current COMAH site is located c.250m southeast of the site. The site has a historical NIHHS (Notification if Installations Handling Hazardous Substances) record.
- Environmental Permits – There are 19 recorded Part A (1) permits within 500m of the site. The closest is located c.250m east and relates to a Renewable energy plant. There are five records of Part A (2)/B permits within 500m of the site. One of the records is on site and is a historical permit relating to ‘other mineral processes’.

- EA recorded pollution incidents – There are four records within 500m of the site. The closestincident was described as diesel on the 19th March 2002 resulting in a category 4 (No Impact) water and air impact, and category 3 (Minor) land impact, c.300m east of the site.
- Landfill sites – There are no active, recent landfills recorded within 500m of the site. There are three records of historical landfills with in 500m the nearest relating to inert, industrial waste that were issued in 1997 and surrendered in 1989.
- Licensed waste management / treatment facilities – There are three records of historical waste sites within 500m of site. The closest is a refuse pit located 126m southwest dated in 1954. There is one record of a current licensed waste site 487m south of the site.
- Waste exemptions – There are 22 records of waste exemptions within 500m of the site. The exemptions relate to the treating, using, sorting and disposal of waste. The closest is located 27m west and relates to 'crushing waste fluorescent tubes'.
- Energy sites – There are 38 historic records of energy features within 500m of the site all relating to electricity substations.
- Petrol sites and Garages – There are no historic records of petrol stations within 500m of the site. There is one record of a current or recent petrol station 242m east. There is one record of a historic garage 21m west.
- Tanks – There are 293 records of historic tanks within 500m of the site, present in 1994, 1990 and two in 1915. The closest off site is 250m northwest.
- Sites of Special Scientific Interest (SSSI)/ Special Protection Areas (SPA) – There are four SSSI sites and five SPA sites within 2km of site. The site is boarders the Teesmouth and Cleveland coast, which is a SSSI and SPA area, therefore the site is within a SSSI Impact Risk Zone.
- Ecological / Environmental Designations – There are no records of ecological or environmental designations within 500m of the site.
- Visual and Cultural Designations – There are no records of visual or cultural designations with in 250m of site.

2.4 Site History

The historical development of the site has been determined from published OS mapping (Section 2.4.2) and a review of planning applications made for the site accessed on Redcar and Cleveland Borough Council's Planning Portal website (Section 2.4.3).

2.4.1 Summary

The site initially appears to be undeveloped natural coastline and tributaries with sands and muds until the 1970s when the development of warehouse present in the south west on site with new railway lines added in a north western direction. No significant changes on site until 2020s once railway lines were dismantled.

2.4.2 Review of OS Mapping

The following section presents a summary of the history of the site and its surrounds from a review of historic OS map extracts. The age and general type of activity and land use can often be determined from the type and layout of structures depicted on maps. However specific elements of site operations cannot normally be determined from such extracts. Large scale and small scale (1: 1,250, 1:2,500, 1:10,000 and 1: 10,560) historical map extracts were reviewed for selected years between 1852 and 2024. A summary of the

findings is given in Table 4, below, and the OS maps provided by Groundsure are included in Appendix B.

Table 4 - Site History Summary

Map Date(s)	Description
1890s	**Onsite:** Natural coastline, sands and muds. Tributary present. **Offsite:** Natural coastline, sands and muds and water and tributaries.
1910s	**Onsite:** No significant changes. **Offsite:** Lackney slag breaking plant with railway travelling north west to south east is located approximately 300m east of the southern area of the site. . Lackenby Iron Works with associated railway lines are located approximately 600m to the south east.. Tees slag wool works approximately 350m south east of the site.
1920s	**Onsite:** No significant changes. **Offsite:** No significant changes. Teesport with multiple rectangular buildings approximately 600m west of the site.
1950s	**Onsite:** No significant changes. **Offsite:** No significant changes. Tesport tanks present, buildings demolished 500m west.
1951	**Figure 1 - Aerial view of the south of the Teesport Dock** 

Map Date(s)	Description
1953	**Figure 2 - The Teesport Oil Depot and South Bank Iron Works - aerial view from the north** 
1970s	**On site:** Developments including a warehouse were present in the northt, with railway lines added travelling north western direction. **Off site:** Oil supply terminal is present c.100m south east. Lackenby Tank farm present 100m south. Multiple railway lines approximately 400m east of the site oriented in a north east to south west direction north of south Teeside Works Lackenby. Multiple tanks 100m north of the site, likely associated with Teesport Refinery. Tees Dock developed just beyond the northern site border.
1980s	**On site:** No significant changes. **Off site:** Transit shed located just beyond on the southern boarder of the northern area of the site. Depot with multiple tanks approximately 250m west with a connecting pipeline travelling southeast away from the depot. Settling pond 100m south. Potash terminal 100m north. Container terminal present in 150m north.
1990s	**On site:** No significant changes. **Off site:** Tanks off site are no longer present, now labelled depot. Lackenby tank farm no longer present. Oil supply terminal no longer labelled.
2000s	**On site:** No significant changes. **Off site:** Some tanks 250m west have been removed.
2010s	**On site:** No significant changes.. **Off site:** No significant changes.
2020s	**On site:** No significant changes. Railway lines in north western direction no longer present. The warehouse in the south west of the site has been demolished.

Map Date(s)	Description
	Off site: Tanks 250m south west all removed with multiple buildings now present.

2.4.3 Site Planning History

SLR carried out a search of Redcar and Cleveland borough Council's Planning Portal on the 21st October 2025 in relation to planning and building control applications made for the site. The following applications include the site but extend beyond the current site boundary so may not pertain to the site boundary, no maps:

- R/2013/0692/CL – Lawful development certificate for a proposed development for a materials handling facility in connection with an existing harbour use – Approved – 14th October 2013
- R/2010/0696/HD – Hazardous substances consent for storage of ammonium nitrate – Approved – 28th October 2010
- R/2006/0613/ESM - Installation of a natural gas pipeline with associated facilities – Approved – 4th August 2006

2.5 Unexploded Ordnance

A search of Zetica UXO online unexploded bomb risk map was conducted for the site. The site and surrounding area are in a "Medium Risk" zone. UXO map seen in Appendix C.

2.6 Previous Assessment

In April 2018 an environmental permit was issued for:

- Loading and unloading of coal, coke and other coal products;
- Load and unloading of petroleum coke, pulverised fuel ash and cement clinker;
- Storage of coal, coke and any other coal products, which has a preponderance of coal no less than 10mm;
- Storage of petroleum coke, pulverised fuel ash and cement clinker which has a preponderance of no less than 10mm;
- Loading and unloading of gypsum products.

No previous site investigation have been undertaken on site as far as records show.

3.0 Site Walkover

3.1 Overview

The site inspection was undertaken by SLR on the 19th November 2024 and comprised a walkover of the site. A site layout plan is included in Drawing 02 and site photographs are included in Appendix D.

The site is accessed from Tees Dock Road. The site comprises irregular shaped area surrounds the south west of the dock and quayside that extrude from the river. The site is described in further detail below.

3.2 Structures

The site is mostly external hardstanding with minimal structures, these include two travelling gantry cranes, on the northern border of the site and the second on the south west..

3.3 External Areas

The site is generally level and comprises 90% hardstanding of concrete and asphalt with minimal soft landscaping. The site boundary is fenced off with security fencing and manned guards.

The site is mostly open in the north west, with stockpiled material present in the south.

3.4 Utility Services

Gully drains were identified across the site.

3.5 Bulk Storage Tanks

Two AdBlue Tanks are present in the in the east of the site. These are located on hardstanding in a locked large plastic container.

Various fuel tanks were identified across the site, as shown on Drawing 02, two oil tanks were identified c.50m off site from the northern border. An underground tank is present at the off site filling point

3.6 Waste

. Waste storage in the form of a spoil heap was identified in the centre of the northern area of the site.

Additional wheelie bins and skips for general waste were encountered across the site.

3.7 Site Surrounds Inspection

The site is located within the heavily industrialised Teesport development. There are port-related industries surrounding the proposed facility on all sides, with the container terminal sitting adjacent to the site. Other commercial and industrial properties include numerous storage warehouses. To the east of the site, at a distance of about 300m is a Tesco distribution centre, and adjacent to the south is Cleveland Potash.

The transport network in the immediate vicinity of the proposed site is the port's own network system which includes both roads and railway lines. The closest railway line follows the boundary of the site. Additional spurs of the railway run close to the South Area at a distance of approximately 200m. The only external road is Tees Dock Road, which provides access to both the port and the proposed site.

4.0 Outline Conceptual Model and Preliminary Risk Assessment

4.1 Preliminary Land Quality Risk Assessment

4.1.1 Approach

The normal procedure for assessing land dictates that potential contaminants, pathways, and receptors should be considered within the context of contaminant or contaminant linkages. An evaluation of the risks associated with each linkage should drive decisions regarding the status of the land as contaminated and requiring remediation, uncontaminated or requiring further investigation. SLR's approach to PLQRA including the regulatory context is included as Appendix E. Where the PLQRA indicates a low or negligible risk, no further investigation is recommended.

4.1.2 Assumptions

The information summarised in the previous sections has been used to identify the likely contaminant sources, pathways, and receptors. The elements of the preliminary conceptual site model, Table 5 overleaf, have been used to consider the potential pollutant linkages (PPL), their significance and acceptability.

It must be remembered that:

- The site was initially natural coastline, sands and muds, therefore once the dock was formed the area had to be built up with imported spoil.
- Railway lines were present across the site from 1910s to 2010s.
- The site is used for storage of coal, coke and any other coal products and petroleum coke, pulverised fuel ash and cement clinker.
- Tanks have previously been recorded in the site surrounds.
- Electrical substations are present on site.
- Made ground is recorded to underly the site.
- The superficial deposits underlying the site are recorded as tidal flat deposits. The bedrock beneath the site is recorded as the Mercia Mudstone Group.
- The superficial deposits underlying the site are designated as Secondary B aquifer. The bedrock beneath the site (mudstone) is designated as a secondary bedrock aquifer of high vulnerability.
- The site does not lie within a Source Protection Zone.
- The site has a high level of a Risk of Flooding from Rivers and Sea (RoFRaS) classification. There is one record of historical flood events on the site. The site is in a flood zone 2 and 3. The site is recorded low for surface and groundwater flooding.
- There is a negligible to low risk from ground stability hazards on site.
- Based on a preliminary assessment, the site lies within a "Medium Risk" area with respect to UXO.
- The site is borders the Teesmouth and Cleveland coast which is a SSSI and SPA area, therefore the site is within a SSSI Impact Risk Zone.

4.1.3 Sources

Following a review of all available information, the following potential sources of contamination have been identified:

On Site:

- Source 1 – General Made Ground present on-site relating to railway sidings, demolished buildings, building the dock.
- Source 2 – Storage of coal, coke and any other coal products and petroleum coke, pulverised fuel ash and cement clinker on site.
- Source 3 – Adblue tank present in the south of the site next to truck wash.

Off Site:

- Source 4 – Fuelling points and tanks to the north of the site boundary.
- Source 5 – Historic tanks previously located in the vicinity of the site, including Lackenby Tank Farm.

In addition to the above, the following sources could be present as a result of unknown activities on site:

- Source 6 – Unidentified sources.

4.1.4 Pathways

Potential environmental fate and exposure pathways specific to the Site are:

- Direct contact, ingestion and inhalation of contaminated soils (P1);
- Inhalation of fibres (P2);
- Leaching of contaminants and vertical migration in the Vadose Zone (P3);
- Vertical and Lateral migration of contaminants to, and within, groundwater (P4);
- Direct contact (buildings and below ground services) (P5).

4.1.5 Receptors

Potential receptors specific to the Site are:

- Human health – Current site users (R1); construction workers (R2) and Future site users (R3)
- Controlled Waters (Surface Water) – River Tees bordering the site (R4),
- Controlled Waters (Groundwater) – Superficial secondary undifferentiated aquifer and bedrock secondary B aquifer (R5),
- Property – Buildings and underground services (R6).

Table 5 - Preliminary Conceptual Site Model

Source	Receptor(s)	Pathway(s)	Likelihood of PPL forming and comment on consequence	Risk Classification	Next Step
Source 1 – General Made Ground (metals, PAHs and asbestos)	Human Health – Current site users (R1); Future site users(R3)	Direct contact, ingestion and inhalation of contaminated soils (P1). Inhalation of asbestos fibres (P2)	There has been no previous ground investigation on-site and the ground conditions and presence of potential contaminants is unknown. Made Ground is expected to underly the whole site. The site is currently covered in concrete hardstanding, the proposed development will also remain covered in concrete hardstanding. Due to the hardstanding covering there is no pathway for unknown potential contaminants to reach current or future site users.	**Low Risk**	No further assessment required.
	Human Health – Future construction workers (R2),		The proposed development onsite is understood to be a waste bulking and storage facility. The redevelopment of the site will likely include some degree of ground working including removal of hardstanding. Future construction workers are most likely to come into contact with Made Ground however breaking ground is not part of the proposed development. However, safe systems of work including appropriate risk assessments and method statements and the use off PPE will reduce any short-term risk.	**Low Risk**	No further assessment required.
	Controlled Waters – Bedrock principal aquifer and bedrock secondary B aquifer (R4)	Vertical and Lateral migration of contaminants to, and within, groundwater (P4);	The composition of Made Ground and depth to groundwater is unknown. Based on the historic development of the site it is unlikely that there would be significant leachable contaminants present in Made Ground that would impact the underlying aquifer.	**Low Risk**	No further assessment required.
	Property (R5)	Direct contact (buildings and below ground services) (P5)	The composition of Made Ground beneath the site is unknown however based on the historic development is unlikely to impact below ground utilities / foundations.	**Low Risk**	No further assessment required.

Source	Receptor(s)	Pathway(s)	Likelihood of PPL forming and comment on consequence	Risk Classification	Next Step
Source 2 – Storage of waste on site (coal, coke, petroleum coke, pulverised fuel ash and cement clinker)	Human Health – Current site and future site users (R1, R3)	Direct contact, ingestion and inhalation of contaminated soils (P1).	The stockpiles of materials on site are currently managed by site protocols/procedures (stockpile management, use of PPE) and the risk to human health is therefore limited from direct contact. The site is currently covered in concrete hardstanding which based on the proposed development will not change. Due to hardstanding covering the site it is unlikely any potential leachate from the stockpiles of materials has migrated to the underlying soils presenting a potential risk to human health. The risk to current and future site users is considered low.	**Low Risk**	No further assessment required.
	Human Health – Future construction workers (R2)		Similarly for future construction workers the risk from direct contact is low and due to hardstanding covering the site it is unlikely any potential leachate has migrated to the underlying soils. Future construction workers are most likely to come into contact with soils beneath the site however breaking ground is not part of the proposed development so the risk remains low	**Low Risk**	No further assessment required.
	Controlled Waters – Bedrock principal aquifer and bedrock secondary B aquifer (R4)	Vertical and Lateral migration of contaminants to, and within, groundwater (P4);	Due to hardstanding covering the site its is unlikely any potential leachate has migrated to the underlying soils or into the underlying aquifers.	**Low Risk**	No further assessment required.
	Property (R5)	Direct contact (buildings and below ground services) (P5)	Due to hardstanding covering the site its is unlikely any potential leachate has migrated to the underlying soils.	**Low Risk**	No further assessment required.
Source 3 – Adblue tank present in the south of	Human Health – Current site and future site users (R1, R3)	Direct contact, ingestion and inhalation of	The site is currently covered in concrete hardstanding, the proposed development will also remain covered in concrete hardstanding. There were no signs of any spillages and it is unlikely that any potential spillages would have impacted the	**Low Risk**	No further assessment required.

Source	Receptor(s)	Pathway(s)	Likelihood of PPL forming and comment on consequence	Risk Classification	Next Step
the site next to truck wash		contaminated soils (P1).	soils beneath the site. Therefore the tank is unlikely to present a significant risk to current or future site users.		
	Human Health – Future construction workers (R2),		There were no signs of any spillages and due to hardstanding covering the site it is unlikely any potential leaks are likely to have migrated to the underlying soils. Construction workers will not be breaking ground therefore will not come in contact with any soils.	**Low Risk**	No further assessment required.
	Controlled Waters – Bedrock principal aquifer and bedrock secondary B aquifer (R4)	Vertical and Lateral migration of contaminants to, and within, groundwater (P4);	There were no signs of any spillages from the limited volume of adblue stored on site. Given the presence of hardstanding and a drainage network it is unlikely that any potential spillages would have impacted the soils beneath the site and the underlying aquifers.	**Low Risk**	No further assessment required.
	Property (R5)	Direct contact (buildings and below ground services) (P5)	The presence of contamination is unknown, however, a limited volume is sorted on site with no visible leaks therefore unlikely.	**Low Risk**	No further assessment required.
Source 4 - Fuelling points and tanks to the north of the site boundary.	Human Health – Current site visitors (R1); Future construction workers (R2), Future site users(R3)	Direct contact, ingestion and inhalation of contaminated soils (P1).	The off-site fuelling point north of the site is unlikely to have a significant impact on the current and future users of the site. The site is currently covered in concrete hardstanding, the proposed development will also remain covered in concrete hardstanding. Due to the hardstanding covering there is no pathway for potential contaminants that may have migrated onto site to reach current or future site users. Similarly, construction workers will not be breaking ground therefore will not come in contact with any soils potentially impacted from the off-site hydrocarbon on source.	**Low Risk**	No further assessment required.
	Controlled Waters – Bedrock principal aquifer and bedrock	Vertical and Lateral migration of contaminants	Due to hardstanding covering the site and the presence of a drainage network it is unlikely any potential spillages or leaks from the off-site fuelling point/ tanks have migrated on-site and impacted the underlying aquifer.	**Low Risk**	No further assessment required.

Source	Receptor(s)	Pathway(s)	Likelihood of PPL forming and comment on consequence	Risk Classification	Next Step
	secondary B aquifer (R4)	to, and within, groundwater (P4);			
	Property (R5)	Direct contact (buildings and below ground services) (P5)	The presence of contamination is unlikely albeit unknown, however current buildings within the site vicinity are unaffected.	**Low Risk**	No further assessment required.
Source 5 – Historic tanks previously located in the vicinity of the site.	Human Health – Current site visitors (R1);	Direct contact, ingestion and inhalation of contaminated soils (P1). Inhalation of asbestos fibres (P2)	Unlikely – it is unlikely contaminants from any potential leaks have migrated to site.	**Low Risk**	No further assessment required.
	Human Health – Future construction workers (R2), Future site users(R3)		Unlikely – it is unlikely contaminants from any potential leaks have migrated to site.	**Low Risk**	No further assessment required.
	Controlled Waters – Bedrock principal aquifer and bedrock secondary B aquifer (R4)	Vertical and Lateral migration of contaminants to, and within, groundwater (P4);	Unlikely – it is unlikely contaminants from any potential leaks have migrated to site.	**Low Risk**	No further assessment required.
	Property (R5)	Direct contact (buildings and below ground services) (P5)	Unlikely – it is unlikely contaminants from any potential leaks have migrated to site.	**Low Risk**	No further assessment required.
Source 6 – Unidentified Sources	All Receptors	*Unknown*	There is the potential that during the redevelopment of the site, previously unidentified sources of contamination may be encountered.	***Unknown***	**PPL 2**: if needed voluntary remedial action

Given the proposed redevelopment of the site, the most likely / significant PPLs comprise:

- **PPL 1**: Potential harm to human health or the environment from unidentified sources.

4.2 If Needed – Voluntary Remedial Action (PPL1)

The council may use a planning condition whereby the developer must set forward voluntary additional measures to deal with any unexpected contamination encountered (beyond that contamination previously identified, if any) as part of the redevelopment.

In practice, should the developer encounter potentially hazardous materials work should cease in that area and the matter referred to an appropriate environmental consultant.

Any remedial actions should be agreed with the Council and recorded in a Land Quality Validation Report.

5.0 Summary and Conclusions

Based on the review of the available information Table 6 provides a summary of the main environmental issues at the subject property.

Table 6 - Summary and Conclusions

Address	Tees Dock Rd, Middlesbrough TS6 6TN
Site Setting, Existing Use and Planned Development	The site is located at Teesport Docks off the river Tees to the north east of Middlesbrough. The approximate grid reference is 454927, 522958. The site is an irregular shaped area of approximately 3.8 hectares and surrounds the south west of the dock and quayside that extrude from the river. The site is mostly external with minimal structures, these include two travelling gantry cranes on the north west border of the site, along the Dock. Various fuel tanks were identified across the site, waste storage in the form of a spoil heap was also identified. A bespoke Environmental Permit (EP) application for a waste bulking and storage facility at the land adjacent to the bulk terminal in Teesport Middlesborough.
History	The site initially appears to be undeveloped natural coastline and tributaries with sands and muds until the 1970s when the development of warehouse present in the north on site with new railway lines added in a north western direction. No significant changes on site until 2020s once railway lines were dismantled.
Geology	Geology comprises the following: • **Made Ground:** mapped as artificial deposits – composition and depths unknown. • **Superficial Deposits:** Tidal Flat deposits comprising sand, silt and clay. • **Bedrock:** Mercia Mudstone Group comprising mudstone, siltstone and sandstone
Radon	The site is not in a Radon Affected Area as the site lies within a classification of less than 1%. Therefore, no radon protective measures are necessary.
Mining Risk	There are 57 records of surface ground workings within 250m of the site. From which 17 are associated with the site. None recorded on site, the nearest is the dock on the northern border of the site. There is one record of Brit Pits within 500m, which is 421m south associated with clay and shale. There is one record of non-coal mining within 500m.This being an abandoned brine well 224m south. There are four records of underground workings within 1km, two are related to a tunnel 655m west mapped in 1988 and 1992. The other two records are for a tunnel 679m north, also mapped in 1988 and 1992.
Unexploded Ordnance	The Zetica UXO online unexploded bomb risk map indicates the site and surrounding area are in a “Medium Risk” zone.
Hydrogeology	Superficial aquifer – Secondary Undifferentiated – high vulnerability Bedrock aquifer – Secondary B – Medium vulnerability
Hydrology	There are no surface water features onsite. The Knitting Wife Beck inland river is locate 79m south of the site. There is one record of an historical flood event on site. The event occurred in 2013 where there was tidal flooding due to an operational failure/ breach of

Address	Tees Dock Rd, Middlesbrough TS6 6TN
	defence. The site has a Flood zone 2 and 3 category adjacent to the where site meets the river Tees. There are small discrete areas of site that are at risk of surface water flooding with the highest risk recorded as a 1 in 30 year return period, 0.3m – 1.0m The site is recorded as “low” from groundwater flooding. There are no active records of groundwater abstractions within 2km.
SLRs Conceptual Site Model	**Sources:** On Site: • Source 1 – General Made Ground present on-site relating to railway sidings, demolished buildings, building the dock. • Source 2 – Storage of coal, coke and any other coal products and petroleum coke, pulverised fuel ash and cement clinker on site. • Source 3 – Adblue tank present in the south of the site next to truck wash. Off Site: • Source 4 – Fuelling points and tanks to the north of the site boundary. • Source 5 – Historic tanks previously located in the vicinity of the site, including Lackenby Tank Farm. In addition to the above, the following sources could be present as a result of unknown activities on site: • Source 6 – Unidentified sources. **Pathways:** Direct contact, ingestion and inhalation of contaminated soils; • Direct contact, ingestion and inhalation of contaminated soils (P1); • Inhalation of fibres (P2); • Leaching of contaminants and vertical migration in the Vadose Zone (P3). • Vertical and Lateral migration of contaminants to, and within, groundwater (P4); • Direct contact (buildings and below ground services) (P5). **Receptors:** • Human health – Current site users (R1); construction workers (R2) and Future site users (R3) • Controlled Waters – Bedrock principal aquifer and bedrock secondary B aquifer (R4), • Property – Buildings and underground services (R5).
Potential Pollutant Linkages (PPLs)	• **PPL 1:** Potential harm to human health or the environment from unidentified sources.
Summary & Recommendations	Should the developer encounter potentially hazardous materials, work should cease in that area and the matter be referred to an appropriate environmental consultant.

Drawings

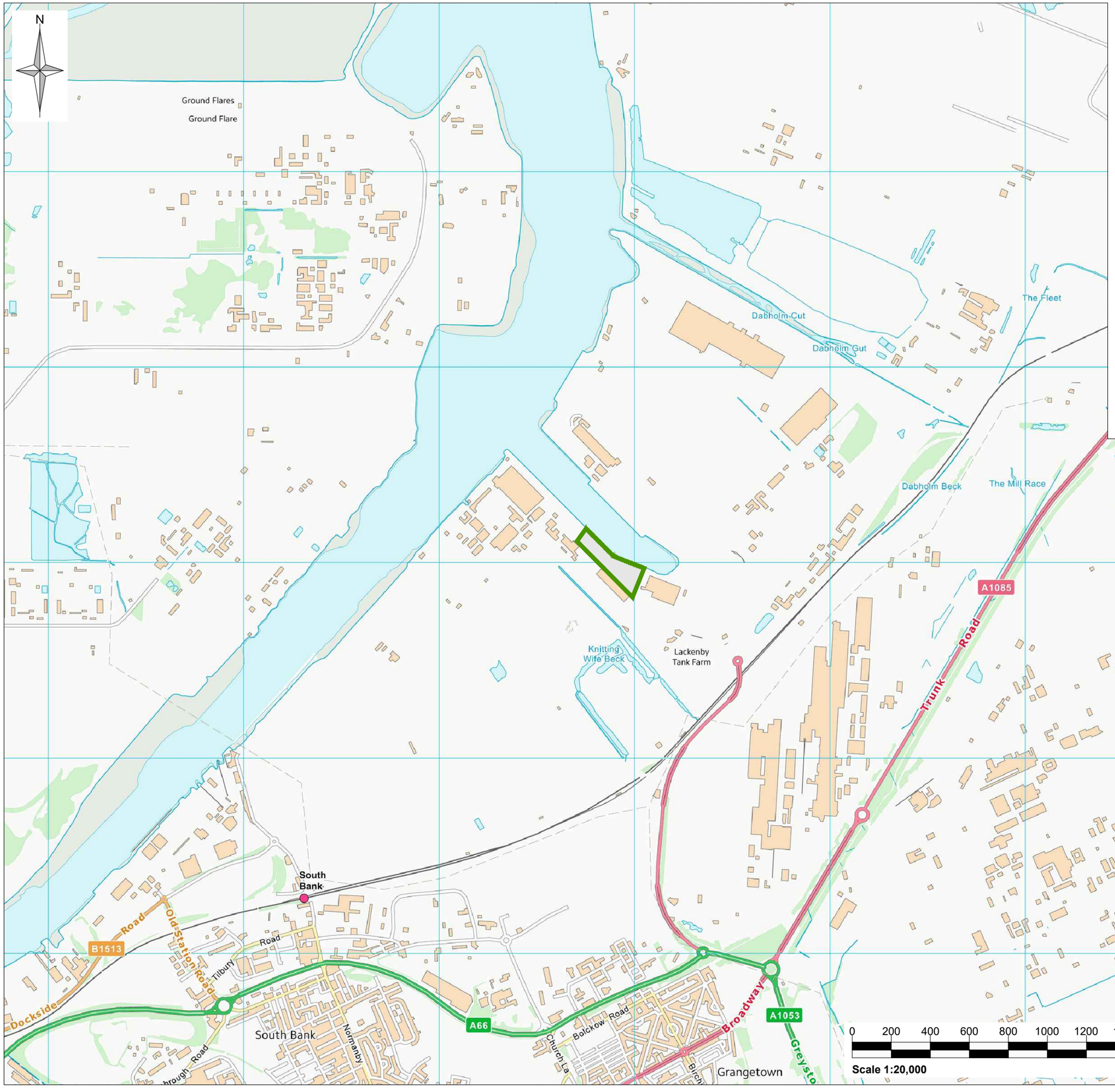
Preliminary Land Quality Risk Assessment

Westbury Fields

St Monica Trust

SLR Project No.: 416.065498.00002

26 November 2025





Legend:

Environmental Permit Boundary

Rev	Amendments	Date	By	Chk	Auth
1	Boundary amended	19.11.25	TS	SM	MD

SLR

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Client: PD Ports Limited

Project: Teesport
Environmental Assessment

Figure Title: Site Location Plan

Scale	SLR Project No.
1:20,0000 @ A3	416.065498.00002

Designed	Drawn	Checked	Authorised
	TS	CM	SM
Date	Date	Date	Date
	Oct 2025	Oct 2025	Oct 2025

Figure Number: 01

Rev.: 1

19/11/2025

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Legend:

- Environmental Permit Boundary
- Bulk Material Storage
- Refuelling Area

Spill Kit Bin
Oil Tank
Waste Storage
Overhead Conveyor
Spill Kit Bin
AdBlue Tank
Spill Kit Bin
Waste Storage
Oil Tank
AdBlue Tank
Waste Storage (x2)
Waste Storage
Waste Storage
Truck Wash
AdBlue Tank
Truck Wash
Truck Wash
Waste Storage
Plant Room

Beacon
Teesport
Mast
Depot
Conveyors
Trav C
Track
Depot
Mast
Slipways
Hard
Conveyor
Depot
Tees Dock
Hards
Power Station
Teesport
West Byng Jetty
Trav C
Trav C
Depot
Hards
Flare Stack
FB
LC
Track
FBs
Depot
Depot
LC
MHW
Depot
Drainage Cut
Sluices
FB
Lackenby Tank Farm
Factory
Track
Knitting Wife Beck
Track
Track
FB
Slipways
Outfall
Beacon

0 100 200 300 400 500m

30m

Scale 1:5,000

Rev	Amendments	Date	By	Chk	Auth
1	Boundary amended	19.11.25	TS	SM	MD

SLR

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Client
PD Ports Limited

Project
Teesport
Environmental Assessment

Figure Title
Site Layout Plan

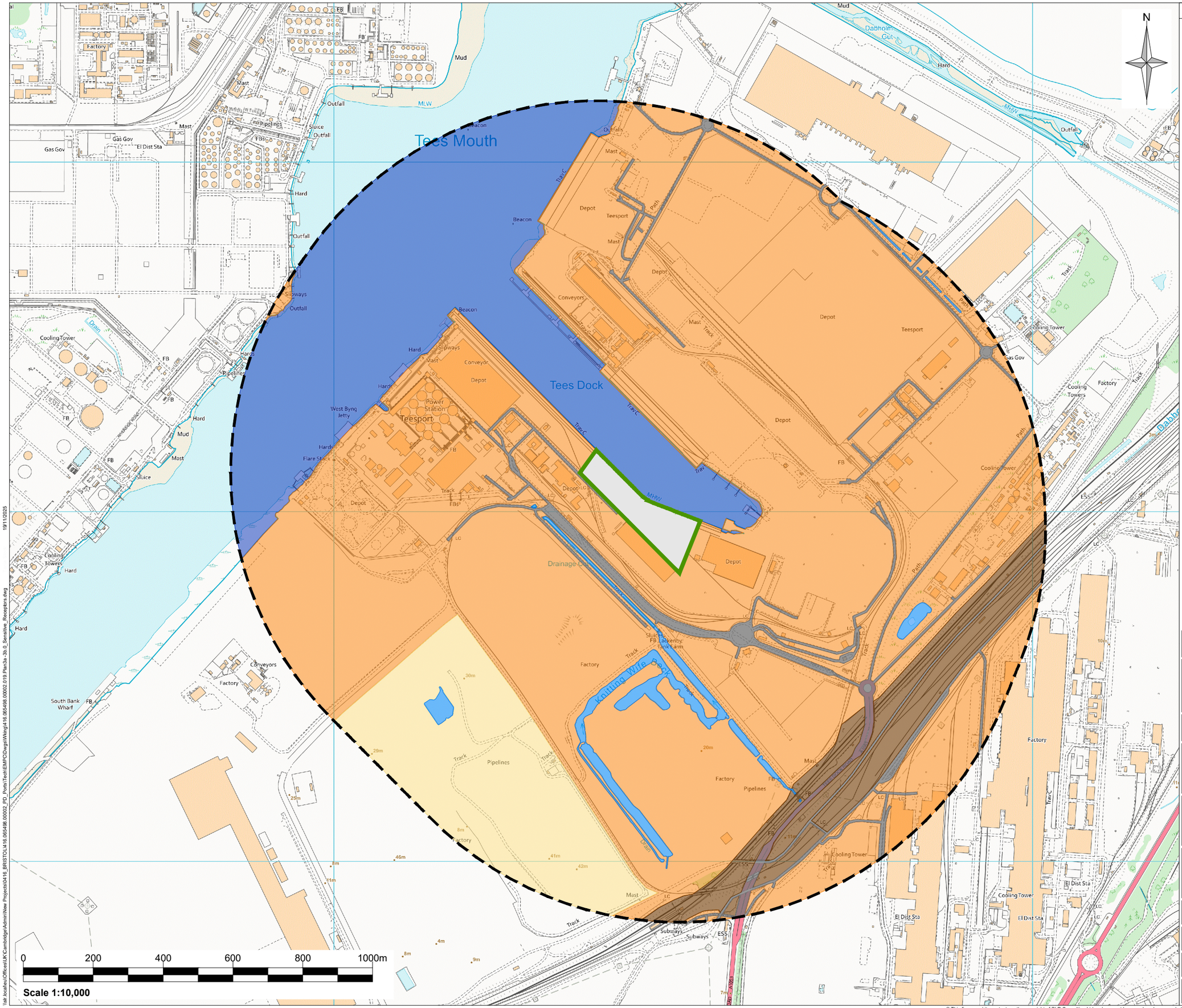
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Figure Number **02** Rev. **1**

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Legend:

- Environmental Permit Boundary
- 1km Offset Boundary
- Local Road Network
- Railway
- Commercial / Industrial
- Landfill Site
- Tees Mouth
- Open Water / Ditches

Rev	Amendments	Date	By	Chk	Auth

SLR

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Client
PD Ports Limited

Project
PD Teesport
Environmental Permit Application

Figure Title
Sensitive Receptors Near the Site

Scale		SLR Project No.
1:10,000	@ A3	416.065498.00001

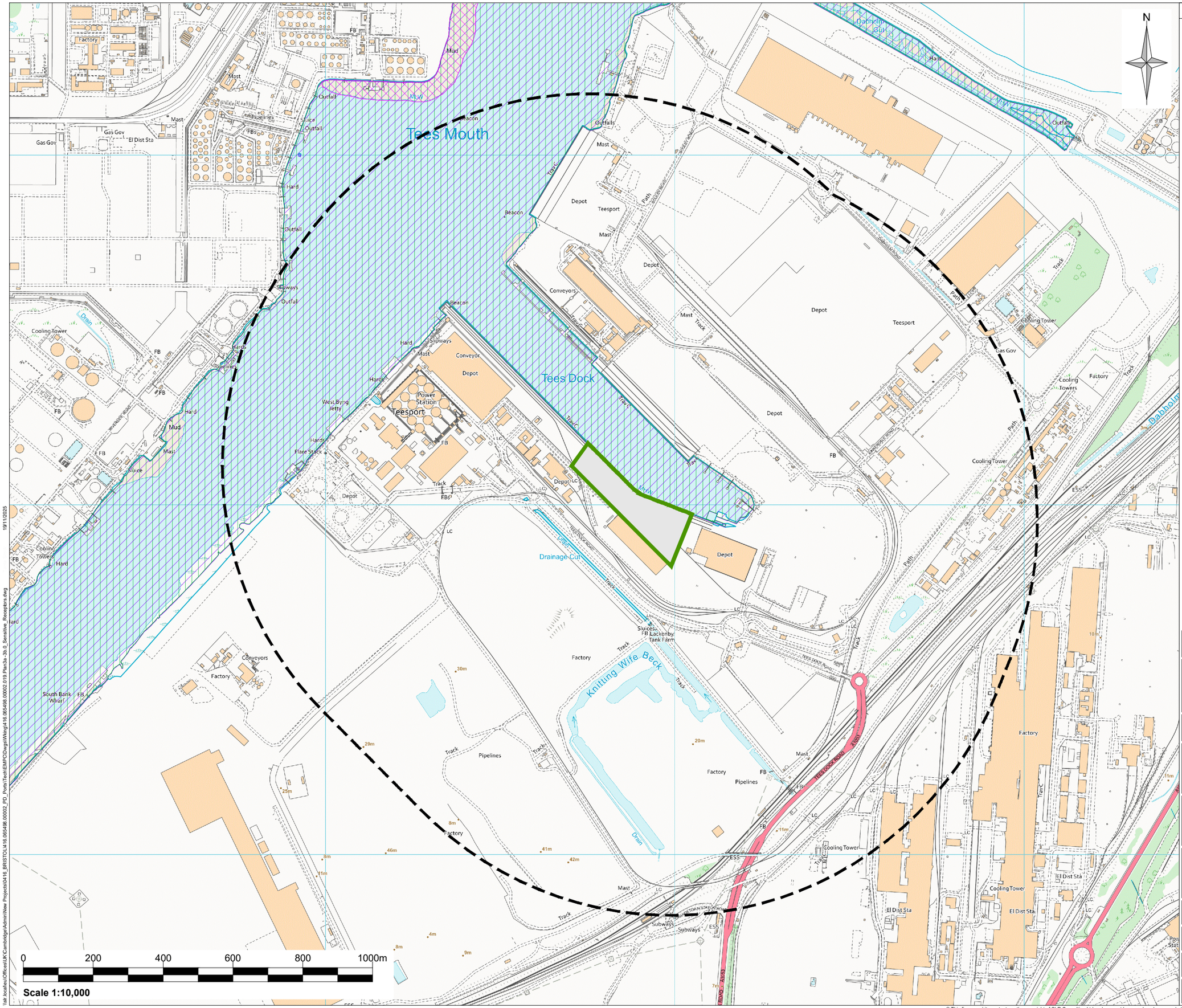
Designed	Drawn	Checked	Authorised
	TS	MD	SM
Date	Date	Date	Date
	Sept 2025	Sept 2025	Sept 2025

Figure Number
Plan 3A

Rev.
0

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Legend:

- Environmental Permit Boundary
- 1km Offset Boundary
- RAMSAR
- Site of Special Scientific Interest
- Special Protection Area Marine Component

Rev	Amendments	Date	By	Chk	Auth

SLR

www.slrconsulting.com

Client: PD Ports Limited

Project: PD Teesport
Environmental Permit Application

Figure Title: Sensitive Receptors Near the Site

Scale	SLR Project No.
1:10,000 @ A3	416.065498.00001

Designed	Drawn	Checked	Authorised
	TS	MD	SM
Date	Date	Date	Date
	Sept 2025	Sept 2025	Sept 2025

Figure Number: **Plan 3B** Rev. **0**

19/11/2025

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Appendix A Groundsure Enviro & Geo Insight Report

Preliminary Land Quality Risk Assessment

Westbury Fields

St Monica Trust

SLR Project No.: 416.065498.00002

26 November 2025

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

unspecified

Order Details

Date: 03/12/2024

Your ref: EMS_988829_1230605

Our Ref: EMS-988829_1252674

Site Details

Location: 455082 523119

Area: 33.55 ha

Authority: Redcar and Cleveland Council ↗



Summary of findings p. 2 >

OS MasterMap site plan N/A: >10ha

Aerial image p. 9 >

Insight User Guide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	24	9	41	78	-
20 >	1.2 >	Historical tanks >	2	7	55	138	-
28 >	1.3 >	Historical energy features >	4	0	10	9	-
29	1.4	Historical petrol stations	0	0	0	0	-
29 >	1.5 >	Historical garages >	0	1	0	0	-
29	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
30 >	2.1 >	Historical industrial land uses >	33	17	67	115	-
39 >	2.2 >	Historical tanks >	4	11	88	190	-
50 >	2.3 >	Historical energy features >	7	0	17	14	-
51	2.4	Historical petrol stations	0	0	0	0	-
51 >	2.5 >	Historical garages >	0	1	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
53	3.1	Active or recent landfill	0	0	0	0	-
53	3.2	Historical landfill (BGS records)	0	0	0	0	-
54	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
54 >	3.4 >	Historical landfill (EA/NRW records) >	2	0	0	1	-
55 >	3.5 >	Historical waste sites >	0	0	1	2	-
55 >	3.6 >	Licensed waste sites >	0	0	0	1	-
56 >	3.7 >	Waste exemptions >	0	4	9	9	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
58 >	4.1 >	Recent industrial land uses >	19	7	27	-	-
61 >	4.2 >	Current or recent petrol stations >	0	0	1	0	-
62	4.3	Electricity cables	0	0	0	0	-
62	4.4	Gas pipelines	0	0	0	0	-
62	4.5	Sites determined as Contaminated Land	0	0	0	0	-

62 >	4.6 >	Control of Major Accident Hazards (COMAH) >	1	0	4	6	-
64	4.7	Regulated explosive sites	0	0	0	0	-
64 >	4.8 >	Hazardous substance storage/usage >	2	0	3	1	-
65 >	4.9 >	Historical licensed industrial activities (IPC) >	0	0	40	4	-
70 >	4.10 >	Licensed industrial activities (Part A(1)) >	0	10	9	0	-
73 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	1	0	2	2	-
74 >	4.12 >	Radioactive Substance Authorisations >	0	2	1	0	-
74 >	4.13 >	Licensed Discharges to controlled waters >	2	0	8	36	-
81	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
81	4.15	Pollutant release to public sewer	0	0	0	0	-
81	4.16	List 1 Dangerous Substances	0	0	0	0	-
81 >	4.17 >	List 2 Dangerous Substances >	0	0	1	0	-
82 >	4.18 >	Pollution Incidents (EA/NRW) >	1	0	1	2	-
82 >	4.19 >	Pollution inventory substances >	0	0	1	0	-
83 >	4.20 >	Pollution inventory waste transfers >	0	0	1	0	-
85 >	4.21 >	Pollution inventory radioactive waste >	0	0	1	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
86 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
88 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
90 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
91	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
92	5.5	Groundwater vulnerability- local information	None (within 0m)				
93	5.6	Groundwater abstractions	0	0	0	0	0
94 >	5.7 >	Surface water abstractions >	0	0	2	0	2
95	5.8	Potable abstractions	0	0	0	0	0
95	5.9	Source Protection Zones	0	0	0	0	-
95	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
96 >	6.1 >	Water Network (OS MasterMap) >	0	0	9	-	-

97 >	6.2 >	Surface water features >	0	0	2	-	-
98 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
98 >	6.4 >	WFD Surface water bodies >	1	0	0	-	-
98 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
100 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
101 >	7.2 >	Historical Flood Events >	1	0	0	-	-
101	7.3	Flood Defences	0	0	0	-	-
101	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
102	7.5	Flood Storage Areas	0	0	0	-	-
103 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
104 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
105 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
107 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
108 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	2	0	0	0	2
109 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	0	2
110	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
110 >	10.4 >	Special Protection Areas (SPA) >	1	0	1	0	3
111 >	10.5 >	National Nature Reserves (NNR) >	0	0	0	0	1
111	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
112	10.7	Designated Ancient Woodland	0	0	0	0	0
112	10.8	Biosphere Reserves	0	0	0	0	0
112	10.9	Forest Parks	0	0	0	0	0
112	10.10	Marine Conservation Zones	0	0	0	0	0
112	10.11	Green Belt	0	0	0	0	0
113 >	10.12 >	Proposed Ramsar sites >	0	0	0	1	5

113	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
113	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
114	10.15	Nitrate Sensitive Areas	0	0	0	0	0
114	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
115 >	10.17 >	SSSI Impact Risk Zones >	4	-	-	-	-
117 >	10.18 >	SSSI Units >	1	0	0	0	7
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
123	11.1	World Heritage Sites	0	0	0	-	-
123	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
123	11.3	National Parks	0	0	0	-	-
123	11.4	Listed Buildings	0	0	0	-	-
124	11.5	Conservation Areas	0	0	0	-	-
124	11.6	Scheduled Ancient Monuments	0	0	0	-	-
124	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
125 >	12.1 >	Agricultural Land Classification >	Non Agricultural (within 250m)				
126	12.2	Open Access Land	0	0	0	-	-
126	12.3	Tree Felling Licences	0	0	0	-	-
126	12.4	Environmental Stewardship Schemes	0	0	0	-	-
126	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
127 >	13.1 >	Priority Habitat Inventory >	0	1	1	-	-
128	13.2	Habitat Networks	0	0	0	-	-
128 >	13.3 >	Open Mosaic Habitat >	0	0	3	-	-
128	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
130 >	14.1 >	10k Availability >	Identified (within 500m)				
131 >	14.2 >	Artificial and made ground (10k) >	2	0	0	1	-
132 >	14.3 >	Superficial geology (10k) >	2	0	0	3	-

133	14.4	Landslip (10k)	0	0	0	0	-
134 >	14.5 >	Bedrock geology (10k) >	2	0	0	3	-
135	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
136 >	15.1 >	50k Availability >	Identified (within 500m)				
137 >	15.2 >	Artificial and made ground (50k) >	1	0	0	2	-
138 >	15.3 >	Artificial ground permeability (50k) >	2	0	-	-	-
139 >	15.4 >	Superficial geology (50k) >	1	0	1	2	-
140 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
140	15.6	Landslip (50k)	0	0	0	0	-
140	15.7	Landslip permeability (50k)	None (within 50m)				
141 >	15.8 >	Bedrock geology (50k) >	1	0	1	4	-
142 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
142	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
143 >	16.1 >	BGS Boreholes >	4	16	50	-	-
Page	Section	Natural ground subsidence >					
147 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
148 >	17.2 >	Running sands >	Moderate (within 50m)				
150 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
152 >	17.4 >	Collapsible deposits >	Negligible (within 50m)				
153 >	17.5 >	Landslides >	Very low (within 50m)				
154 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
156 >	18.1 >	BritPits >	0	0	0	1	-
157 >	18.2 >	Surface ground workings >	17	11	29	-	-
159 >	18.3 >	Underground workings >	0	0	0	0	4
160	18.4	Underground mining extents	0	0	0	0	-
160	18.5	Historical Mineral Planning Areas	0	0	0	0	-

160 >	18.6 >	Non-coal mining >	0	0	1	0	0
160	18.7	JPB mining areas	None (within 0m)				
161	18.8	The Coal Authority non-coal mining	0	0	0	0	-
161	18.9	Researched mining	0	0	0	0	-
161	18.10	Mining record office plans	0	0	0	0	-
161	18.11	BGS mine plans	0	0	0	0	-
162	18.12	Coal mining	None (within 0m)				
162	18.13	Brine areas	None (within 0m)				
162	18.14	Gypsum areas	None (within 0m)				
162	18.15	Tin mining	None (within 0m)				
162	18.16	Clay mining	None (within 0m)				
Page	Section	**Ground cavities and sinkholes** >	On site	0-50m	50-250m	250-500m	500-2000m
163	19.1	Natural cavities	0	0	0	0	-
164 >	19.2 >	Mining cavities >	0	0	0	1	1
164	19.3	Reported recent incidents	0	0	0	0	-
164	19.4	Historical incidents	0	0	0	0	-
165	19.5	National karst database	0	0	0	0	-
Page	Section	**Radon** >					
166 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	**Soil chemistry** >	On site	0-50m	50-250m	250-500m	500-2000m
168 >	21.1 >	BGS Estimated Background Soil Chemistry >	10	1	-	-	-
169	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
169	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	**Railway infrastructure and projects** >	On site	0-50m	50-250m	250-500m	500-2000m
170	22.1	Underground railways (London)	0	0	0	-	-
170	22.2	Underground railways (Non-London)	0	0	0	-	-
171	22.3	Railway tunnels	0	0	0	-	-
171 >	22.4 >	Historical railway and tunnel features >	30	11	45	-	-
174	22.5	Royal Mail tunnels	0	0	0	-	-

174 >	22.6 >	Historical railways >	33	0	6	-	-
176 >	22.7 >	Railways >	5	13	19	-	-
178	22.8	Crossrail 2	0	0	0	0	-
178	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 19/04/2021

Site Area: 33.55ha

Recent site history - 2019 aerial photograph



Capture Date: 26/08/2019

Site Area: 33.55ha

Recent site history - 2015 aerial photograph



Capture Date: 08/10/2015

Site Area: 33.55ha

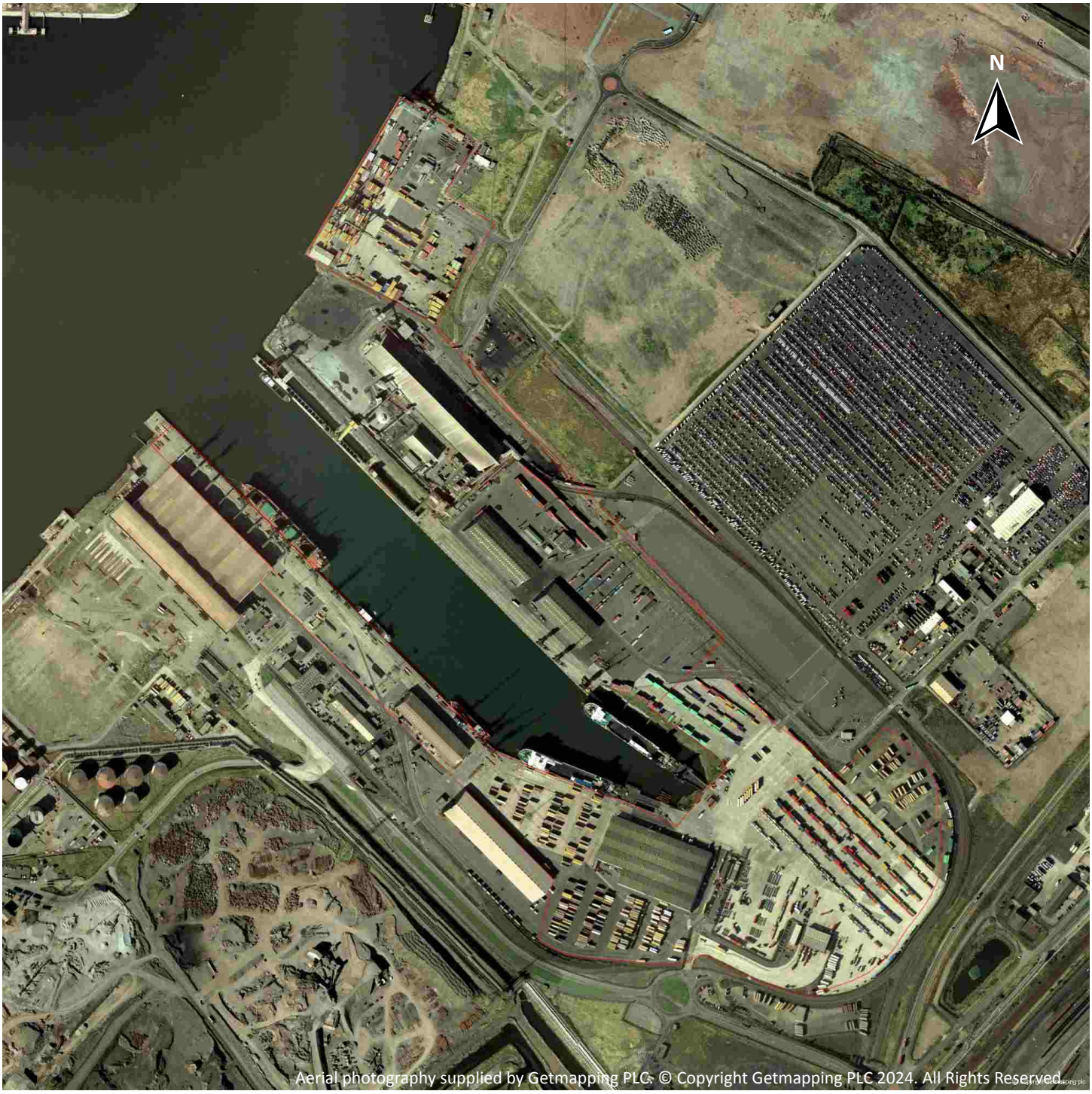
Recent site history - 2007 aerial photograph



Capture Date: 07/09/2007

Site Area: 33.55ha

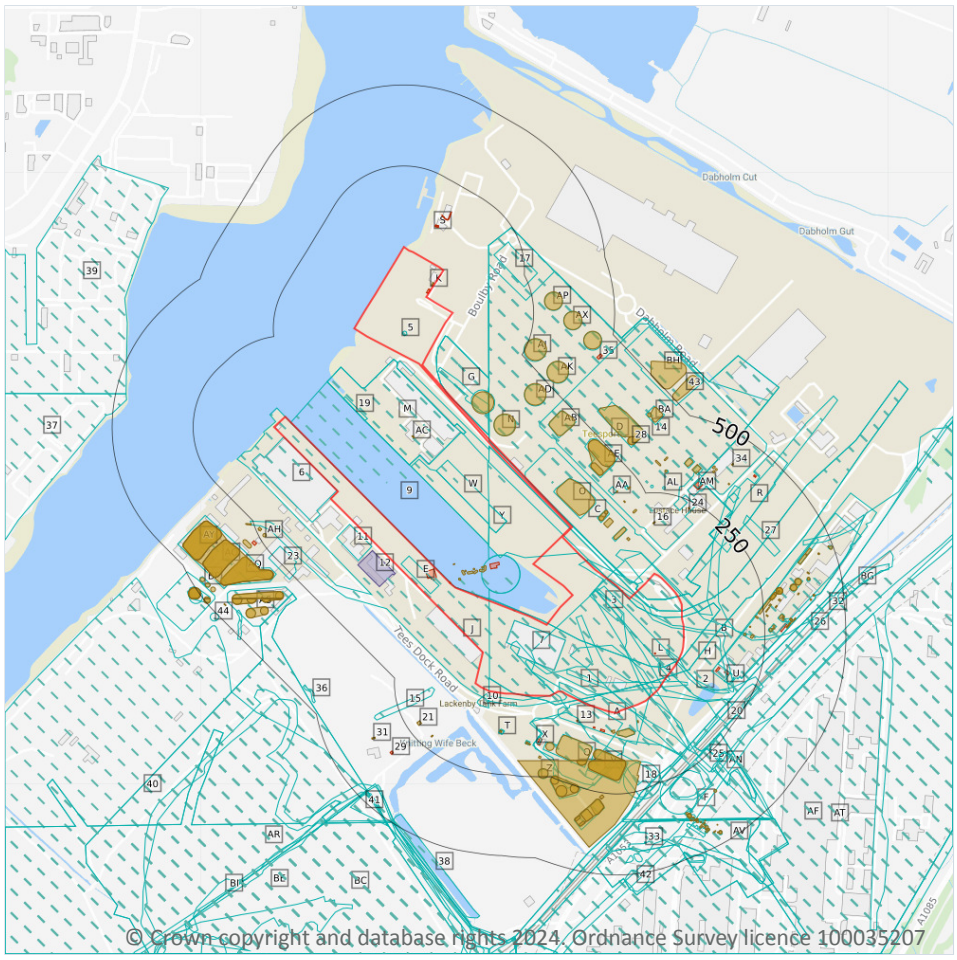
Recent site history - 1999 aerial photograph



Capture Date: 10/09/1999

Site Area: 33.55ha

1 Past land use



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

1.1 Historical industrial land uses

Records within 500m	152

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
1	**On site**	**Refuse Heap**	**1952**	**1328369**

ID	Location	Land use	Dates present	Group ID
2	**On site**	**Refuse Heap**	**1952**	**1328930**
3	**On site**	**Refuse Heap**	**1952**	**1329364**
4	**On site**	**Unspecified Ground Workings**	**1952**	**1332930**
5	**On site**	**Unspecified Pit**	**1955**	**1341994**
6	**On site**	**Transit Shed**	**1988 - 1992**	**1384905**
7	**On site**	**Unspecified Warehouse**	**1974 - 1991**	**1385407**
8	**On site**	**Railway Sidings**	**1974**	**1417581**
9	**On site**	**Dock**	**1983 - 1992**	**1426347**
A	**On site**	**Refuse Heaps**	**1927**	**1326894**
A	**On site**	**Oil Supply Terminal**	**1974 - 1983**	**1398709**
B	**On site**	**Unspecified Ground Workings**	**1952**	**1332931**
B	**On site**	**Railway Sidings**	**1927**	**1371823**
C	**On site**	**Unspecified Depot**	**1991**	**1336537**
D	**On site**	**Refinery**	**1974**	**1361240**
D	**On site**	**Refinery**	**1983**	**1361246**
D	**On site**	**Refinery**	**1988**	**1361247**
E	**On site**	**Unspecified Warehouse**	**1988 - 1992**	**1362216**
F	**On site**	**Railway Sidings**	**1927 - 1930**	**1372684**
G	**On site**	**Refinery**	**1992**	**1375042**
H	**On site**	**Railway Sidings**	**1952**	**1389340**
I	**On site**	**Railway Sidings**	**1913**	**1389348**
I	**On site**	**Railway Sidings**	**1893**	**1398303**
J	**On site**	**Railway Sidings**	**1983 - 1992**	**1413279**
10	8m S	Unspecified Pit	1955	1341993
11	14m W	Unspecified Depot	1988 - 1992	1397640
M	24m NW	Terminal	1992	1331159
M	24m NW	Unspecified Commercial/Industrial	1988	1337149
G	25m N	Unspecified Heap	1955	1348792

ID	Location	Land use	Dates present	Group ID
G	30m N	Unspecified Tank	1988 - 1992	1373827
J	31m SW	Dock	1974	1414362
N	32m N	Unspecified Tanks	1974 - 1983	1410220
O	33m NE	Unspecified Tanks	1974 - 1983	1430990
Q	50m S	Refuse Heap	1952	1329128
P	56m SE	Unspecified Tanks	1974 - 1983	1414564
G	56m N	Unspecified Tanks	1974 - 1983	1427298
R	57m E	Railway Sidings	1974 - 1983	1380476
14	80m E	Unspecified Depot	1991	1336538
C	83m NE	Unspecified Tanks	1974 - 1983	1364244
C	106m E	Unspecified Tanks	1974 - 1983	1387090
H	108m SE	Unspecified Works	1983 - 1991	1417240
T	111m S	Unspecified Tank	1974	1376674
T	112m S	Unspecified Tank	1983 - 1991	1407104
Q	115m S	Unspecified Tanks	1974 - 1983	1383856
H	117m SE	Unspecified Works	1974	1413516
V	122m SE	Unspecified Tanks	1974 - 1983	1430217
W	125m NW	Unspecified Warehouses	1988 - 1992	1427508
X	126m S	Electricity Substation	1991	1357928
15	128m SW	Refuse Heap	1955	1329365
Y	129m N	Unspecified Warehouse	1983	1416081
Y	129m N	Unspecified Warehouse	1991	1424340
X	138m S	Unspecified Tank	1991	1354108
W	151m NW	Railway Sidings	1988 - 1992	1405948
U	156m SE	Electric Substation	1974	1335865
AA	158m NE	Unspecified Tanks	1974 - 1983	1411191
AB	159m N	Unspecified Tanks	1974 - 1983	1378794
17	163m N	Unspecified Tanks	1983	1335611

ID	Location	Land use	Dates present	Group ID
AD	164m N	Unspecified Tanks	1974 - 1983	1396715
18	165m SE	Tunnel	1983 - 1991	1426051
19	166m NW	Unspecified Wharf	1988 - 1992	1375382
AE	167m NE	Unspecified Tanks	1974 - 1983	1427114
H	184m E	Unspecified Tank	1974 - 1983	1419087
AF	186m SE	Railway Sidings	1983 - 1991	1387550
AF	186m SE	Railway Sidings	1974	1412527
AG	199m E	Unspecified Depot	1991	1336409
20	202m SE	Cuttings	1952	1328040
AA	203m NE	Unspecified Tanks	1974 - 1983	1413153
23	213m W	Unspecified Depot	1988 - 1992	1396339
Z	228m S	Unspecified Tank	1974 - 1983	1407928
AI	231m SE	Slag Wool Works	1913 - 1927	1371414
25	235m SE	Slag Wool Works	1952	1401546
Z	239m S	Unspecified Tanks	1974 - 1983	1361333
F	244m SE	Refuse Heap	1913 - 1927	1410188
AJ	245m N	Unspecified Tanks	1974 - 1983	1404253
F	251m SE	Refuse Heap	1952	1375589
F	251m SE	Tunnel	1983 - 1991	1396162
H	261m E	Unspecified Tanks	1974	1335617
H	262m E	Unspecified Tank	1983 - 1991	1369014
AK	262m N	Unspecified Tanks	1974 - 1983	1405326
AL	262m NE	Chimney	1974 - 1983	1380340
AL	265m NE	Chimney	1974 - 1983	1369424
26	266m SE	Cuttings	1893	1387349
AM	269m E	Electric Substation	1974 - 1983	1369399
Z	274m S	Unspecified Tanks	1974 - 1983	1409783
AN	276m SE	Refuse Heap	1927	1392236

ID	Location	Land use	Dates present	Group ID
AN	278m SE	Refuse Heap	1952	1411190
AO	283m W	Unspecified Tanks	1988 - 1992	1409051
AP	286m N	Unspecified Tanks	1974 - 1983	1406238
AR	290m W	Railway Sidings	1992	1362725
AR	290m W	Railway Sidings	1988	1401057
AS	290m W	Unspecified Tanks	1988 - 1992	1375453
H	292m E	Unspecified Tanks	1974	1335618
AM	296m E	Electricity Substation	1991	1357938
H	297m E	Unspecified Tanks	1974 - 1983	1382426
27	300m E	Unspecified Heap	1952	1350699
AT	300m SE	Unspecified Works	1974 - 1983	1363682
D	301m NE	Unspecified Tanks	1974 - 1983	1393911
AU	313m NE	Unspecified Tanks	1974 - 1983	1389158
AG	322m E	Fire Station	1983	1334952
AT	326m SE	Electricity Substation	1991	1398163
AM	333m NE	Cooling Tank	1974 - 1983	1361809
AV	333m SE	Railway Sidings	1893	1373515
H	336m E	Unspecified Tanks	1974 - 1991	1365353
30	337m SE	Railway Sidings	1913	1366209
AW	340m SE	Iron Works	1930	1361447
AW	340m SE	Iron Works	1913	1415490
AM	343m NE	Unspecified Tanks	1974 - 1983	1370594
AV	343m SE	Iron Works	1893	1382547
AX	344m N	Unspecified Tanks	1974 - 1983	1402058
AV	358m SE	Unspecified Tanks	1913 - 1927	1397921
H	380m E	Cooling Tanks	1974	1339622
32	387m E	Cuttings	1913 - 1927	1413884
H	393m E	Unspecified Tank	1974 - 1991	1402880

ID	Location	Land use	Dates present	Group ID
AV	398m SE	Unspecified Tanks	1913 - 1930	1398058
AV	402m SE	Unspecified Tanks	1913	1369815
BA	404m NE	Unspecified Tanks	1974 - 1983	1417351
33	407m SE	Chimney	1913	1355606
BB	413m N	Unspecified Tanks	1974 - 1983	1397979
H	417m E	Unspecified Heap	1952	1350700
AV	423m SE	Unspecified Tank	1930	1354487
BC	434m SW	Bank Works	1913	1352691
BC	438m SW	Phosphate Manure Works	1897	1338626
BD	438m S	Unspecified Heap	1913	1350705
AV	439m SE	Unspecified Tanks	1930	1375125
BD	443m S	Unspecified Pit	1913	1341642
AS	443m W	Unspecified Ground Workings	1955	1333230
BE	444m SW	Iron Works	1955	1385854
BF	456m W	Unspecified Tanks	1988 - 1992	1383575
36	457m SW	Unspecified Ground Workings	1988 - 1992	1361771
AV	463m SE	Unspecified Tank	1913	1354494
37	463m W	Oil Refinery Works	1988 - 1992	1369191
38	463m SW	Settling Pond	1988 - 1992	1417534
BF	466m W	Unspecified Heap	1955	1350701
39	468m NW	Unspecified Works	1988 - 1992	1402843
BE	469m SW	Refuse Heaps	1955	1326897
40	472m SW	Slag Works	1913	1418676
BC	472m SW	Refuse Heap	1913	1395674
AW	477m SE	Unspecified Ground Workings	1952	1332932
AW	479m SE	Unspecified Pit	1930	1341641
41	480m SW	Unspecified Pit	1927	1340153
BF	481m W	Unspecified Tanks	1988 - 1992	1417083

ID	Location	Land use	Dates present	Group ID
BG	482m E	Railway Sidings	1893	1424080
H	485m E	Unspecified Tank	1974 - 1991	1376772
BH	487m NE	Unspecified Tanks	1974 - 1983	1427789
42	488m S	Unspecified Heap	1893	1350704
BC	492m SW	Railway Sidings	1893 - 1897	1383275
BF	494m W	Unspecified Tank	1950 - 1955	1392598
BG	497m E	Railway Sidings	1927	1376470
BC	498m SW	Refuse Heap	1927	1361125
BI	498m SW	Railway Sidings	1920	1394329
BI	498m SW	Railway Sidings	1927	1397954
44	499m W	Unspecified Tanks	1988 - 1992	1412418

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**202**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
J	**On site**	**Tanks**	**1915**	**226600**
K	**On site**	**Unspecified Tank**	**1990 - 1994**	**224796**
J	25m W	Unspecified Tank	1915	218492
G	28m N	Unspecified Tank	1971	211350
N	32m N	Unspecified Tank	1971	211344
O	36m NE	Tanks	1970 - 1980	217561
J	46m W	Tanks	1915	216746

ID	Location	Land use	Dates present	Group ID
P	46m SE	Unspecified Tank	1970	211339
J	47m W	Tanks	1915	225994
P	53m SE	Tanks	1970	214581
J	54m W	Tanks	1915	225798
P	56m SE	Tanks	1970	214582
13	57m S	Unspecified Tank	1970	211127
G	57m N	Unspecified Tank	1971	208165
J	57m W	Unspecified Tank	1915	224547
J	62m W	Tanks	1915	225834
J	72m W	Unspecified Tank	1915	228907
J	74m W	Tanks	1915	223169
J	86m W	Unspecified Tank	1915	221329
C	87m NE	Tanks	1970	217068
C	87m NE	Tanks	1980	218402
C	98m E	Tanks	1970 - 1980	220105
C	109m NE	Tanks	1970	218158
C	110m E	Tanks	1970 - 1980	229984
Q	113m S	Tanks	1965 - 1970	233062
T	114m S	Unspecified Tank	1970 - 1993	226612
V	121m SE	Tanks	1970 - 1973	224107
V	121m SE	Tanks	1965	228528
C	129m E	Tanks	1970 - 1980	226133
X	143m S	Unspecified Tank	1970 - 1993	232092
X	144m S	Unspecified Tank	1965 - 1970	226507
V	147m SE	Oil Tanks	1965	216521
V	147m SE	Tanks	1984	221395
Z	147m SE	Tank Farm	1973 - 1984	222751
16	154m E	Unspecified Tank	1990 - 1999	232787

ID	Location	Land use	Dates present	Group ID
AC	162m NW	Unspecified Tank	1990 - 1994	232164
AC	162m NW	Unspecified Tank	1990	229344
AB	162m N	Tanks	1971	214592
Q	165m S	Oil Tank	1965	215443
Q	165m S	Unspecified Tank	1973 - 1984	224908
AD	165m N	Unspecified Tank	1971	211345
AE	168m NE	Tanks	1970	229290
AE	169m NE	Tanks	1980	221253
AA	174m NE	Unspecified Tank	1970 - 1980	221538
AA	178m NE	Unspecified Tank	1970 - 1980	219145
H	185m E	Unspecified Tank	1959 - 1971	228499
X	186m S	Unspecified Tank	1970	211126
AA	193m E	Tanks	1970 - 1980	228399
AE	199m NE	Tanks	1980	231576
H	203m E	Unspecified Tank	1993	211352
H	205m E	Tanks	1993	214594
21	207m SW	Tanks	1989 - 1993	218112
22	208m SW	Unspecified Tank	1989 - 1993	221559
AA	208m NE	Unspecified Tank	1970 - 1980	224293
H	222m E	Tanks	1971	214578
Z	225m S	Unspecified Tank	1973 - 1984	228102
24	226m E	Unspecified Tank	1990 - 1999	218000
AH	228m W	Unspecified Tank	1990	211543
AH	233m W	Unspecified Tank	1990	211539
H	233m E	Cooling Tanks	1971	215342
Z	242m S	Tanks	1973	214473
Z	243m S	Unspecified Tank	1984	211129
Z	246m S	Unspecified Tank	1984	211128

ID	Location	Land use	Dates present	Group ID
AJ	246m N	Unspecified Tank	1971	211347
H	256m E	Unspecified Tank	1971	211340
H	257m E	Tanks	1971	214580
AH	257m W	Unspecified Tank	1990	211540
Z	257m S	Tanks	1973 - 1984	232372
Z	262m S	Unspecified Tank	1984	211130
AK	263m N	Unspecified Tank	1971	211346
H	264m E	Tanks	1971	214588
H	267m E	Tanks	1971	214589
H	269m E	Tanks	1971	214579
Z	271m S	Tanks	1973	229491
Z	271m S	Tanks	1984	230703
H	272m E	Cooling Tank	1994	218629
H	272m E	Cooling Tank	1999	218634
H	272m E	Cooling Tank	1971	233332
H	274m E	Tanks	1971	214584
H	275m E	Tanks	1971	214583
AH	284m W	Tanks	1961 - 1965	224990
AP	285m N	Unspecified Tank	1971	211341
AQ	287m W	Tanks	1965	221881
AQ	287m W	Tanks	1972	228003
AQ	287m W	Tanks	1961	231838
AO	288m W	Tanks	1990	225333
H	288m E	Unspecified Tank	1971 - 1993	224748
H	294m E	Unspecified Tank	1983	222143
H	294m E	Unspecified Tank	1965	221417
H	295m E	Unspecified Tank	1971	220386
H	295m E	Unspecified Tank	1964	228324

ID	Location	Land use	Dates present	Group ID
H	296m E	Tanks	1959 - 1971	231531
H	299m E	Unspecified Tank	1971 - 1993	228867
H	300m E	Unspecified Tank	1994 - 1999	225459
D	302m NE	Tanks	1970 - 1971	222304
28	304m NE	Tanks	1980	223098
H	304m E	Unspecified Tank	1959 - 1971	228697
H	307m E	Tanks	1971	214585
Z	309m S	Tanks	1973	229243
AS	310m W	Tanks	1961 - 1972	218572
AS	311m W	Unspecified Tank	1965	211545
AS	311m W	Tanks	1990	218917
AU	315m NE	Unspecified Tank	1971 - 1983	220207
H	317m E	Tanks	1971	214586
H	317m E	Unspecified Tank	1993	211351
AO	324m W	Tanks	1965	232469
AS	324m W	Tanks	1959	216549
AS	324m W	Tanks	1981	216554
AO	324m W	Tanks	1972	218037
AO	324m W	Tanks	1961	231119
AS	324m W	Tanks	1993	231548
AU	327m NE	Unspecified Tank	1971 - 1983	220337
H	328m E	Tanks	1971	214587
H	329m E	Unspecified Tank	1959	211348
AM	335m NE	Cooling Tank	1971 - 1983	224569
Z	335m S	Tanks	1973	230057
H	338m E	Unspecified Tank	1983 - 1999	229916
H	339m E	Unspecified Tank	1971	232118
H	339m E	Tanks	1971	214590

ID	Location	Land use	Dates present	Group ID
AY	344m W	Tanks	1972	228848
AY	344m W	Tanks	1961	232678
AY	344m W	Tanks	1965	221541
AX	344m N	Unspecified Tank	1971	211342
AM	346m NE	Tanks	1971 - 1983	221679
AI	347m SE	Unspecified Tank	1927	211124
Z	347m S	Tanks	1973	216586
AS	350m W	Tanks	1993	219725
AU	350m NE	Unspecified Tank	1971 - 1983	233015
31	352m SW	Tanks	1989 - 1993	224423
AG	355m E	Tanks	1999	213950
H	355m E	Unspecified Tank	1971 - 1990	233284
H	356m E	Unspecified Tank	1994 - 1999	231279
H	359m E	Tanks	1990 - 1999	217882
AZ	361m NE	Unspecified Tank	1983	211336
AV	365m SE	Tanks	1927	232393
AZ	370m NE	Unspecified Tank	1983	211335
AZ	371m NE	Unspecified Tank	1971 - 1983	229553
AV	371m SE	Tanks	1893	226181
AV	372m SE	Tanks	1915	216883
AS	377m W	Tanks	1959 - 1981	230906
AS	377m W	Tanks	1993	224177
AS	380m W	Tanks	1981	221364
AS	380m W	Tanks	1959	222270
AS	380m W	Tanks	1993	217177
H	381m E	Cooling Tank	1971	216452
AV	386m SE	Unspecified Tank	1893 - 1927	230686
AV	391m SE	Unspecified Tank	1927 - 1929	226597

ID	Location	Land use	Dates present	Group ID
AV	393m SE	Unspecified Tank	1893	216876
AV	395m SE	Unspecified Tank	1915	232050
H	395m E	Unspecified Tank	1971	218724
H	395m E	Unspecified Tank	1983 - 1999	227238
AV	396m SE	Unspecified Tank	1893	219337
AV	396m SE	Unspecified Tank	1915	227879
H	396m E	Unspecified Tank	1959	211349
AV	396m SE	Unspecified Tank	1915	216887
AV	398m SE	Unspecified Tank	1894	225554
H	399m E	Tanks	1990 - 1999	217095
AV	402m SE	Unspecified Tank	1915	232125
AV	404m SE	Unspecified Tank	1894	218966
BA	405m NE	Unspecified Tank	1971	208166
H	406m E	Unspecified Tank	1994	226872
H	406m E	Unspecified Tank	1974	228029
H	406m E	Unspecified Tank	1987	232610
BA	406m NE	Tanks	1974	213244
AS	409m W	Tanks	1993	222111
AV	409m SE	Unspecified Tank	1894 - 1915	224335
34	410m NE	Unspecified Tank	1999	209788
AV	412m SE	Unspecified Tank	1929	211122
AS	412m W	Tanks	1993	221746
H	413m E	Cooling Tank	1971	216453
BB	413m N	Unspecified Tank	1971	211343
AV	416m SE	Unspecified Tank	1894 - 1915	216629
AV	418m SE	Tanks	1915	214470
AV	421m SE	Unspecified Tank	1929	211121
AV	429m SE	Unspecified Tank	1894 - 1915	232880

ID	Location	Land use	Dates present	Group ID
AV	435m SE	Unspecified Tank	1894	211117
AV	438m SE	Tanks	1929	214472
AV	438m SE	Unspecified Tank	1915	211119
AV	440m SE	Unspecified Tank	1894	211118
H	448m E	Unspecified Tank	1994	230790
H	449m E	Unspecified Tank	1983 - 1987	219209
BF	451m W	Unspecified Tank	1990	211542
AV	454m SE	Unspecified Tank	1894 - 1915	232631
AV	455m SE	Unspecified Tank	1894 - 1915	229820
BF	457m W	Unspecified Tank	1972 - 1990	220767
AS	461m W	Unspecified Tank	1981 - 1993	222341
AV	461m SE	Unspecified Tank	1894 - 1915	230155
AV	461m SE	Unspecified Tank	1915 - 1929	232968
AV	462m SE	Unspecified Tank	1929	217699
BF	462m W	Unspecified Tank	1972 - 1990	230559
BF	484m W	Unspecified Tank	1990	211541
BF	484m W	Unspecified Tank	1981	219883
BF	484m W	Unspecified Tank	1993	231921
H	485m E	Unspecified Tank	1983 - 1994	221946
H	488m E	Unspecified Tank	1974 - 1994	222326
BF	494m W	Unspecified Tank	1965	218122
BF	494m W	Unspecified Tank	1954	218674
BF	494m W	Unspecified Tank	1952 - 1961	227904
BF	494m W	Unspecified Tank	1972	232223
BF	494m W	Unspecified Tank	1990	221617
BH	498m NE	Tanks	1974	213245
43	498m NE	Tanks	1974	214591

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	23

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
E	**On site**	**Electric Generating Station**	**1915**	**134763**
K	**On site**	**Electricity Substation**	**1971 - 1994**	**138633**
L	**On site**	**Electricity Substation**	**1952**	**129965**
L	**On site**	**Electricity Substation**	**1954**	**139483**
P	59m SE	Electricity Substation	1970 - 1993	134512
P	59m SE	Electricity Substation	1970	127934
J	94m W	Electric Generating Station	1915	139030
S	102m N	Electricity Substation	1970	136466
S	103m N	Electricity Substation	1993	138791
S	104m N	Electricity Substation	1971	131930
U	118m SE	Electricity Substation	1993	127953
X	128m S	Electricity Substation	1970 - 1993	137406
S	137m N	Electricity Substation	1970	127936
U	144m SE	Electricity Substation	1971	128343
AH	267m W	Electricity Substation	1972	128349
AM	293m E	Electricity Substation	1971	140678
AM	293m E	Electricity Substation	1994 - 1999	133931
AM	293m E	Electricity Substation	1983 - 1990	138179
H	297m E	Electricity Substation	1971	127935
29	331m SW	Electricity Substation	1989 - 1993	131484
H	388m E	Electricity Substation	1971	128348

ID	Location	Land use	Dates present	Group ID
35	415m N	Electricity Substation	1993	127952
R	424m E	Electricity Substation	1990 - 1999	133734

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	1

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
12	21m W	Repair Depot	1974	42187

This data is sourced from Ordnance Survey / Groundsure.

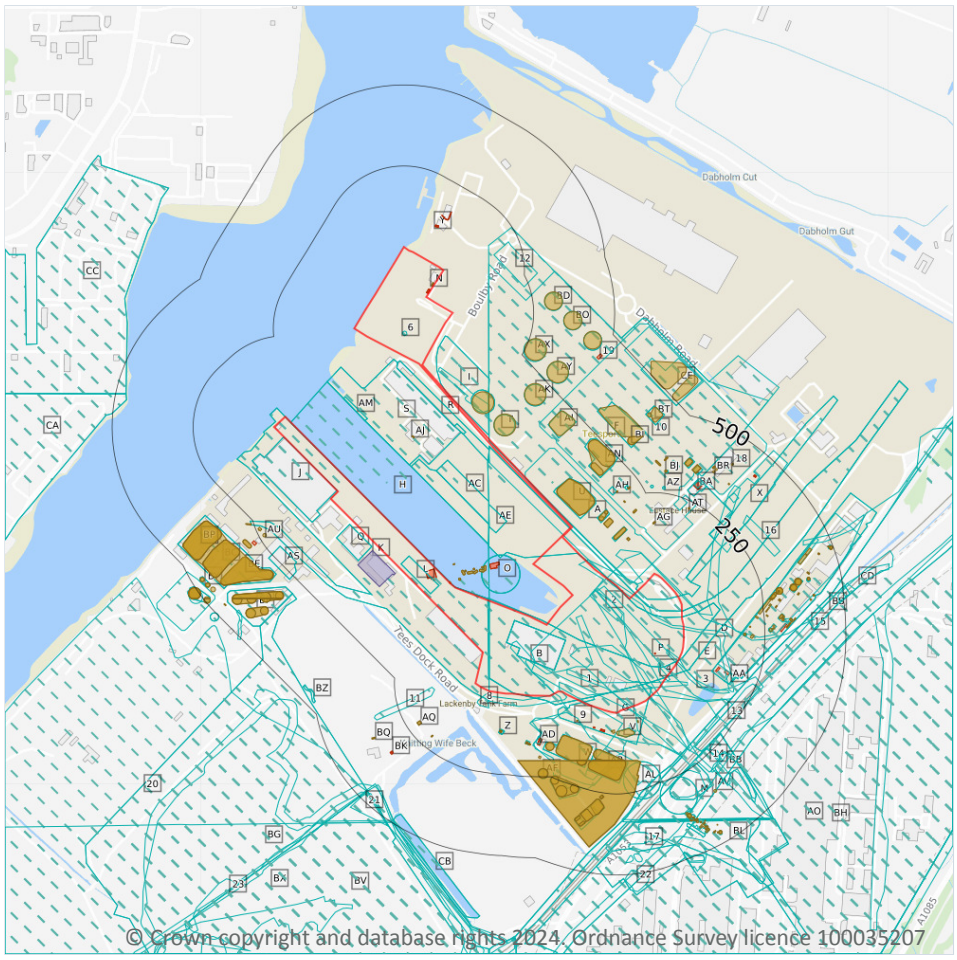
1.6 Historical military land

Records within 500m	0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	232

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 30 >**

ID	Location	Land Use	Date	Group ID
1	On site	Refuse Heap	1952	1328369
2	On site	Refuse Heap	1952	1329364
3	On site	Refuse Heap	1952	1328930

ID	Location	Land Use	Date	Group ID
4	On site	Unspecified Ground Workings	1952	1332930
5	On site	Railway Sidings	1974	1417581
6	On site	Unspecified Pit	1955	1341994
7	On site	Railway Sidings	1927	1372684
A	On site	Unspecified Depot	1991	1336537
B	On site	Railway Sidings	1991	1413279
B	On site	Railway Sidings	1983	1413279
C	On site	Unspecified Warehouse	1991	1385407
C	On site	Unspecified Warehouse	1983	1385407
C	On site	Unspecified Warehouse	1974	1385407
D	On site	Unspecified Ground Workings	1952	1332931
D	On site	Railway Sidings	1927	1371823
E	On site	Railway Sidings	1952	1389340
F	On site	Refinery	1983	1361246
F	On site	Refinery	1974	1361240
G	On site	Oil Supply Terminal	1983	1398709
G	On site	Oil Supply Terminal	1974	1398709
G	On site	Refuse Heaps	1927	1326894
H	On site	Dock	1992	1426347
H	On site	Dock	1988	1426347
I	On site	Refinery	1992	1375042
I	On site	Refinery	1988	1361247
J	On site	Transit Shed	1992	1384905
J	On site	Transit Shed	1988	1384905
K	On site	Railway Sidings	1992	1413279
K	On site	Railway Sidings	1988	1413279
L	On site	Unspecified Warehouse	1992	1362216
L	On site	Unspecified Warehouse	1988	1362216

ID	Location	Land Use	Date	Group ID
M	**On site**	**Railway Sidings**	**1893**	**1398303**
M	**On site**	**Railway Sidings**	**1913**	**1389348**
8	8m S	Unspecified Pit	1955	1341993
Q	14m W	Unspecified Depot	1992	1397640
Q	14m W	Unspecified Depot	1988	1397640
R	14m N	Railway Sidings	1992	1413279
R	14m N	Railway Sidings	1988	1413279
S	24m NW	Terminal	1992	1331159
S	24m NW	Unspecified Commercial/Industrial	1988	1337149
I	25m N	Unspecified Heap	1955	1348792
I	30m N	Unspecified Tank	1992	1373827
I	30m N	Unspecified Tank	1988	1373827
O	31m SW	Dock	1991	1426347
O	31m SW	Dock	1983	1426347
O	31m SW	Dock	1974	1414362
T	32m N	Unspecified Tanks	1983	1410220
T	32m N	Unspecified Tanks	1974	1410220
U	33m NE	Unspecified Tanks	1983	1430990
U	33m NE	Unspecified Tanks	1974	1430990
W	50m S	Refuse Heap	1952	1329128
V	56m SE	Unspecified Tanks	1983	1414564
V	56m SE	Unspecified Tanks	1974	1414564
I	56m N	Unspecified Tanks	1983	1427298
I	56m N	Unspecified Tanks	1974	1427298
X	57m E	Railway Sidings	1983	1380476
X	57m E	Railway Sidings	1974	1380476
10	80m E	Unspecified Depot	1991	1336538
A	83m NE	Unspecified Tanks	1983	1364244

ID	Location	Land Use	Date	Group ID
A	83m NE	Unspecified Tanks	1974	1364244
A	106m E	Unspecified Tanks	1983	1387090
A	106m E	Unspecified Tanks	1974	1387090
E	108m SE	Unspecified Works	1991	1417240
E	108m SE	Unspecified Works	1983	1417240
Z	111m S	Unspecified Tank	1974	1376674
Z	112m S	Unspecified Tank	1991	1407104
Z	112m S	Unspecified Tank	1983	1407104
W	115m S	Unspecified Tanks	1983	1383856
W	115m S	Unspecified Tanks	1974	1383856
E	117m SE	Unspecified Works	1974	1413516
AB	122m SE	Unspecified Tanks	1983	1430217
AB	122m SE	Unspecified Tanks	1974	1430217
AC	125m NW	Unspecified Warehouses	1992	1427508
AC	125m NW	Unspecified Warehouses	1988	1427508
AD	126m S	Electricity Substation	1991	1357928
11	128m SW	Refuse Heap	1955	1329365
AE	129m N	Unspecified Warehouse	1991	1424340
AE	129m N	Unspecified Warehouse	1983	1416081
AD	138m S	Unspecified Tank	1991	1354108
AC	151m NW	Railway Sidings	1992	1405948
AC	151m NW	Railway Sidings	1988	1405948
AA	156m SE	Electric Substation	1974	1335865
AH	158m NE	Unspecified Tanks	1983	1411191
AH	158m NE	Unspecified Tanks	1974	1411191
AI	159m N	Unspecified Tanks	1983	1378794
AI	159m N	Unspecified Tanks	1974	1378794
12	163m N	Unspecified Tanks	1983	1335611

ID	Location	Land Use	Date	Group ID
AK	164m N	Unspecified Tanks	1983	1396715
AK	164m N	Unspecified Tanks	1974	1396715
AL	165m SE	Tunnel	1991	1426051
AL	165m SE	Tunnel	1983	1426051
AM	166m NW	Unspecified Wharf	1992	1375382
AM	166m NW	Unspecified Wharf	1988	1375382
AN	167m NE	Unspecified Tanks	1983	1427114
AN	167m NE	Unspecified Tanks	1974	1427114
E	184m E	Unspecified Tank	1983	1419087
E	184m E	Unspecified Tank	1974	1419087
AO	186m SE	Railway Sidings	1991	1387550
AO	186m SE	Railway Sidings	1983	1387550
AO	186m SE	Railway Sidings	1974	1412527
AP	199m E	Unspecified Depot	1991	1336409
13	202m SE	Cuttings	1952	1328040
AH	203m NE	Unspecified Tanks	1983	1413153
AH	203m NE	Unspecified Tanks	1974	1413153
AS	213m W	Unspecified Depot	1992	1396339
AS	213m W	Unspecified Depot	1988	1396339
AF	228m S	Unspecified Tank	1983	1407928
AF	228m S	Unspecified Tank	1974	1407928
AV	231m SE	Slag Wool Works	1913	1371414
AV	231m SE	Slag Wool Works	1927	1371414
14	235m SE	Slag Wool Works	1952	1401546
AF	239m S	Unspecified Tanks	1983	1361333
AF	239m S	Unspecified Tanks	1974	1361333
AW	244m SE	Refuse Heap	1913	1410188
AW	244m SE	Refuse Heap	1927	1410188

ID	Location	Land Use	Date	Group ID
AX	245m N	Unspecified Tanks	1983	1404253
AX	245m N	Unspecified Tanks	1974	1404253
AW	251m SE	Refuse Heap	1952	1375589
AW	251m SE	Tunnel	1991	1396162
AW	251m SE	Tunnel	1983	1396162
E	261m E	Unspecified Tanks	1974	1335617
E	262m E	Unspecified Tank	1991	1369014
E	262m E	Unspecified Tank	1983	1369014
AY	262m N	Unspecified Tanks	1983	1405326
AY	262m N	Unspecified Tanks	1974	1405326
AZ	262m NE	Chimney	1983	1380340
AZ	262m NE	Chimney	1974	1380340
AZ	265m NE	Chimney	1983	1369424
AZ	265m NE	Chimney	1974	1369424
15	266m SE	Cuttings	1893	1387349
BA	269m E	Electric Substation	1983	1369399
BA	269m E	Electric Substation	1974	1369399
AF	274m S	Unspecified Tanks	1983	1409783
AF	274m S	Unspecified Tanks	1974	1409783
BB	276m SE	Refuse Heap	1927	1392236
BB	278m SE	Refuse Heap	1952	1411190
BC	283m W	Unspecified Tanks	1992	1409051
BC	283m W	Unspecified Tanks	1988	1409051
BD	286m N	Unspecified Tanks	1983	1406238
BD	286m N	Unspecified Tanks	1974	1406238
BF	290m W	Unspecified Tanks	1992	1375453
BF	290m W	Unspecified Tanks	1988	1375453
BG	290m W	Railway Sidings	1992	1362725

ID	Location	Land Use	Date	Group ID
BG	290m W	Railway Sidings	1988	1401057
E	292m E	Unspecified Tanks	1974	1335618
BA	296m E	Electricity Substation	1991	1357938
E	297m E	Unspecified Tanks	1983	1382426
E	297m E	Unspecified Tanks	1974	1382426
16	300m E	Unspecified Heap	1952	1350699
BH	300m SE	Unspecified Works	1983	1363682
F	301m NE	Unspecified Tanks	1983	1393911
F	301m NE	Unspecified Tanks	1974	1393911
BJ	313m NE	Unspecified Tanks	1983	1389158
BJ	313m NE	Unspecified Tanks	1974	1389158
AP	322m E	Fire Station	1983	1334952
BH	326m SE	Electricity Substation	1991	1398163
BH	326m SE	Unspecified Works	1974	1363682
BA	333m NE	Cooling Tank	1983	1361809
BA	333m NE	Cooling Tank	1974	1361809
BL	333m SE	Railway Sidings	1893	1373515
E	336m E	Unspecified Tanks	1991	1365353
E	336m E	Unspecified Tanks	1983	1365353
E	336m E	Unspecified Tanks	1974	1365353
BM	337m SE	Railway Sidings	1913	1366209
BM	337m SE	Railway Sidings	1930	1372684
BN	340m SE	Iron Works	1913	1415490
BN	340m SE	Iron Works	1930	1361447
BA	343m NE	Unspecified Tanks	1983	1370594
BA	343m NE	Unspecified Tanks	1974	1370594
BL	343m SE	Iron Works	1893	1382547
BO	344m N	Unspecified Tanks	1983	1402058

ID	Location	Land Use	Date	Group ID
BO	344m N	Unspecified Tanks	1974	1402058
BL	358m SE	Unspecified Tanks	1927	1397921
BL	369m SE	Unspecified Tanks	1913	1397921
E	380m E	Cooling Tanks	1974	1339622
BS	387m E	Cuttings	1913	1413884
BS	387m E	Cuttings	1927	1413884
E	393m E	Unspecified Tank	1991	1402880
E	393m E	Unspecified Tank	1983	1402880
E	393m E	Unspecified Tank	1974	1402880
BL	398m SE	Unspecified Tanks	1913	1398058
BL	398m SE	Unspecified Tanks	1930	1398058
BL	402m SE	Unspecified Tanks	1913	1369815
BT	404m NE	Unspecified Tanks	1983	1417351
BT	404m NE	Unspecified Tanks	1974	1417351
17	407m SE	Chimney	1913	1355606
BU	413m N	Unspecified Tanks	1983	1397979
BU	413m N	Unspecified Tanks	1974	1397979
E	417m E	Unspecified Heap	1952	1350700
BL	423m SE	Unspecified Tank	1930	1354487
BV	434m SW	Bank Works	1913	1352691
BV	438m SW	Phosphate Manure Works	1897	1338626
BW	438m S	Unspecified Heap	1913	1350705
BL	439m SE	Unspecified Tanks	1930	1375125
BW	443m S	Unspecified Pit	1913	1341642
BF	443m W	Unspecified Ground Workings	1955	1333230
BX	444m SW	Iron Works	1955	1385854
BY	456m W	Unspecified Tanks	1992	1383575
BY	456m W	Unspecified Tanks	1988	1383575

ID	Location	Land Use	Date	Group ID
BZ	457m SW	Unspecified Ground Workings	1992	1361771
BZ	457m SW	Unspecified Ground Workings	1988	1361771
BL	463m SE	Unspecified Tank	1913	1354494
CA	463m W	Oil Refinery Works	1992	1369191
CA	463m W	Oil Refinery Works	1988	1369191
CB	463m SW	Settling Pond	1992	1417534
CB	463m SW	Settling Pond	1988	1417534
BY	466m W	Unspecified Heap	1955	1350701
CC	468m NW	Unspecified Works	1992	1402843
CC	468m NW	Unspecified Works	1988	1402843
BX	469m SW	Refuse Heaps	1955	1326897
20	472m SW	Slag Works	1913	1418676
BV	472m SW	Refuse Heap	1913	1395674
BN	477m SE	Unspecified Ground Workings	1952	1332932
BN	479m SE	Unspecified Pit	1930	1341641
21	480m SW	Unspecified Pit	1927	1340153
BY	481m W	Unspecified Tanks	1992	1417083
BY	481m W	Unspecified Tanks	1988	1417083
CD	482m E	Railway Sidings	1893	1424080
E	485m E	Unspecified Tank	1991	1376772
E	485m E	Unspecified Tank	1983	1376772
E	485m E	Unspecified Tank	1974	1376772
CE	487m NE	Unspecified Tanks	1974	1427789
22	488m S	Unspecified Heap	1893	1350704
CE	491m NE	Unspecified Tanks	1983	1427789
BV	492m SW	Railway Sidings	1893	1383275
BY	494m W	Unspecified Tank	1950	1392598
CD	497m E	Railway Sidings	1927	1376470

ID	Location	Land Use	Date	Group ID
BY	498m W	Unspecified Tank	1955	1392598
23	498m SW	Railway Sidings	1927	1397954
BV	498m SW	Refuse Heap	1927	1361125
BF	499m W	Unspecified Tanks	1992	1412418
BF	499m W	Unspecified Tanks	1988	1412418

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**293**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 30 >**

ID	Location	Land Use	Date	Group ID
N	**On site**	**Unspecified Tank**	**1994**	**224796**
N	**On site**	**Unspecified Tank**	**1990**	**224796**
O	**On site**	**Tanks**	**1915**	**226600**
O	**On site**	**Tanks**	**1915**	**226600**
O	25m W	Unspecified Tank	1915	218492
O	25m W	Unspecified Tank	1915	218492
I	28m N	Unspecified Tank	1971	211350
T	32m N	Unspecified Tank	1971	211344
U	36m NE	Tanks	1970	217561
U	37m NE	Tanks	1980	217561
O	46m W	Tanks	1915	216746
O	46m W	Tanks	1915	216746
V	46m SE	Unspecified Tank	1970	211339
O	47m W	Tanks	1915	225994
O	47m W	Tanks	1915	225994

ID	Location	Land Use	Date	Group ID
V	53m SE	Tanks	1970	214581
O	54m W	Tanks	1915	225798
O	54m W	Tanks	1915	225798
V	56m SE	Tanks	1970	214582
9	57m S	Unspecified Tank	1970	211127
I	57m N	Unspecified Tank	1971	208165
O	57m W	Unspecified Tank	1915	224547
O	57m W	Unspecified Tank	1915	224547
O	62m W	Tanks	1915	225834
O	62m W	Tanks	1915	225834
O	72m W	Unspecified Tank	1915	228907
O	72m W	Unspecified Tank	1915	228907
O	74m W	Tanks	1915	223169
O	74m W	Tanks	1915	223169
O	86m W	Unspecified Tank	1915	221329
O	86m W	Unspecified Tank	1915	221329
A	87m NE	Tanks	1970	217068
A	87m NE	Tanks	1980	218402
A	98m E	Tanks	1970	220105
A	98m E	Tanks	1980	220105
A	109m NE	Tanks	1970	218158
A	110m E	Tanks	1970	229984
A	110m E	Tanks	1980	229984
W	113m S	Tanks	1965	233062
W	113m S	Tanks	1970	233062
Z	114m S	Unspecified Tank	1993	226612
Z	114m S	Unspecified Tank	1989	226612
Z	114m S	Unspecified Tank	1989	226612

ID	Location	Land Use	Date	Group ID
Z	115m S	Unspecified Tank	1970	226612
AB	121m SE	Tanks	1965	228528
AB	121m SE	Tanks	1970	224107
A	129m E	Tanks	1970	226133
A	130m E	Tanks	1980	226133
AD	143m S	Unspecified Tank	1989	232092
AD	143m S	Unspecified Tank	1989	232092
AD	143m S	Unspecified Tank	1970	232092
AD	144m S	Unspecified Tank	1993	232092
AD	144m S	Unspecified Tank	1965	226507
AD	144m S	Unspecified Tank	1970	226507
AB	147m SE	Oil Tanks	1965	216521
AB	147m SE	Tanks	1973	224107
AB	147m SE	Tanks	1984	221395
AF	147m SE	Tank Farm	1973	222751
AF	147m SE	Tank Farm	1984	222751
AG	154m E	Unspecified Tank	1994	232787
AG	154m E	Unspecified Tank	1999	232787
AG	155m E	Unspecified Tank	1990	232787
AJ	162m NW	Unspecified Tank	1994	232164
AJ	162m NW	Unspecified Tank	1990	229344
AJ	162m NW	Unspecified Tank	1990	232164
AI	162m N	Tanks	1971	214592
W	165m S	Oil Tank	1965	215443
W	165m S	Unspecified Tank	1973	224908
AK	165m N	Unspecified Tank	1971	211345
W	166m S	Unspecified Tank	1984	224908
AN	168m NE	Tanks	1970	229290

ID	Location	Land Use	Date	Group ID
AN	169m NE	Tanks	1980	221253
AH	174m NE	Unspecified Tank	1980	221538
AH	174m NE	Unspecified Tank	1970	221538
AH	178m NE	Unspecified Tank	1970	219145
AH	178m NE	Unspecified Tank	1980	219145
E	185m E	Unspecified Tank	1971	228499
E	185m E	Unspecified Tank	1959	228499
AD	186m S	Unspecified Tank	1970	211126
AH	193m E	Tanks	1980	228399
AH	194m E	Tanks	1970	228399
AN	199m NE	Tanks	1980	231576
E	203m E	Unspecified Tank	1993	211352
E	205m E	Tanks	1993	214594
AQ	207m SW	Tanks	1993	218112
AQ	207m SW	Tanks	1989	218112
AR	208m SW	Unspecified Tank	1989	221559
AH	208m NE	Unspecified Tank	1980	224293
AR	208m SW	Unspecified Tank	1993	221559
AH	209m NE	Unspecified Tank	1970	224293
E	222m E	Tanks	1971	214578
AF	225m S	Unspecified Tank	1973	228102
AF	225m S	Unspecified Tank	1984	228102
AT	226m E	Unspecified Tank	1994	218000
AT	226m E	Unspecified Tank	1999	218000
AT	227m E	Unspecified Tank	1990	218000
AU	228m W	Unspecified Tank	1990	211543
AU	233m W	Unspecified Tank	1990	211539
E	233m E	Cooling Tanks	1971	215342

ID	Location	Land Use	Date	Group ID
AF	242m S	Tanks	1973	214473
AF	243m S	Unspecified Tank	1984	211129
AF	246m S	Unspecified Tank	1984	211128
AX	246m N	Unspecified Tank	1971	211347
E	256m E	Unspecified Tank	1971	211340
E	257m E	Tanks	1971	214580
AU	257m W	Unspecified Tank	1990	211540
AF	257m S	Tanks	1973	232372
AF	258m S	Tanks	1984	232372
AF	262m S	Unspecified Tank	1984	211130
AY	263m N	Unspecified Tank	1971	211346
E	264m E	Tanks	1971	214588
E	267m E	Tanks	1971	214589
E	269m E	Tanks	1971	214579
AF	271m S	Tanks	1973	229491
AF	271m S	Tanks	1984	230703
E	272m E	Cooling Tank	1994	218629
E	272m E	Cooling Tank	1999	218634
E	272m E	Cooling Tank	1971	233332
E	272m E	Cooling Tank	1971	233332
E	274m E	Tanks	1971	214584
E	275m E	Tanks	1971	214583
AU	284m W	Tanks	1965	224990
AU	285m W	Tanks	1961	224990
BD	285m N	Unspecified Tank	1971	211341
BE	287m W	Tanks	1965	221881
BE	287m W	Tanks	1961	231838
BE	287m W	Tanks	1972	228003

ID	Location	Land Use	Date	Group ID
BC	288m W	Tanks	1990	225333
E	288m E	Unspecified Tank	1971	224748
E	289m E	Unspecified Tank	1993	224748
E	294m E	Unspecified Tank	1983	222143
E	294m E	Unspecified Tank	1965	221417
E	295m E	Unspecified Tank	1964	228324
E	295m E	Unspecified Tank	1971	220386
E	296m E	Tanks	1971	231531
E	296m E	Tanks	1959	231531
E	299m E	Unspecified Tank	1971	228867
E	299m E	Unspecified Tank	1993	228867
E	300m E	Unspecified Tank	1994	225459
E	300m E	Unspecified Tank	1999	225459
F	302m NE	Tanks	1971	222304
BI	304m NE	Tanks	1980	223098
BI	304m NE	Tanks	1970	222304
E	304m E	Unspecified Tank	1971	228697
E	304m E	Unspecified Tank	1959	228697
E	307m E	Tanks	1971	214585
AF	309m S	Tanks	1973	229243
BF	310m W	Tanks	1961	218572
BF	310m W	Tanks	1972	218572
BF	311m W	Unspecified Tank	1965	211545
BF	311m W	Tanks	1990	218917
BJ	315m NE	Unspecified Tank	1971	220207
BJ	316m NE	Unspecified Tank	1983	220207
E	317m E	Tanks	1971	214586
E	317m E	Unspecified Tank	1993	211351

ID	Location	Land Use	Date	Group ID
BC	324m W	Tanks	1965	232469
BF	324m W	Tanks	1981	216554
BF	324m W	Tanks	1959	216549
BC	324m W	Tanks	1961	231119
BC	324m W	Tanks	1972	218037
BF	324m W	Tanks	1993	231548
BJ	327m NE	Unspecified Tank	1971	220337
BJ	328m NE	Unspecified Tank	1983	220337
E	328m E	Tanks	1971	214587
E	329m E	Unspecified Tank	1959	211348
BA	335m NE	Cooling Tank	1971	224569
AF	335m S	Tanks	1973	230057
BA	335m NE	Cooling Tank	1983	224569
E	338m E	Unspecified Tank	1983	229916
E	338m E	Unspecified Tank	1990	229916
E	339m E	Unspecified Tank	1994	229916
E	339m E	Unspecified Tank	1999	229916
E	339m E	Unspecified Tank	1971	232118
E	339m E	Tanks	1971	214590
BF	341m W	Tanks	1965	218572
BP	344m W	Tanks	1961	232678
BP	344m W	Tanks	1972	228848
BP	344m W	Tanks	1965	221541
BO	344m N	Unspecified Tank	1971	211342
BA	346m NE	Tanks	1971	221679
AV	347m SE	Unspecified Tank	1927	211124
BA	347m NE	Tanks	1983	221679
AF	347m S	Tanks	1973	216586

ID	Location	Land Use	Date	Group ID
BF	350m W	Tanks	1993	219725
BJ	350m NE	Unspecified Tank	1971	233015
BJ	351m NE	Unspecified Tank	1983	233015
BQ	352m SW	Tanks	1993	224423
BQ	352m SW	Tanks	1989	224423
AP	355m E	Tanks	1999	213950
E	355m E	Unspecified Tank	1983	233284
E	355m E	Unspecified Tank	1990	233284
E	356m E	Unspecified Tank	1994	231279
E	356m E	Unspecified Tank	1999	231279
E	356m E	Unspecified Tank	1971	233284
E	359m E	Tanks	1990	217882
E	359m E	Tanks	1994	217882
E	359m E	Tanks	1999	217882
BR	361m NE	Unspecified Tank	1983	211336
BL	365m SE	Tanks	1927	232393
BR	370m NE	Unspecified Tank	1983	211335
BR	371m NE	Unspecified Tank	1971	229553
BR	371m NE	Unspecified Tank	1983	229553
BL	371m SE	Tanks	1893	226181
BL	372m SE	Tanks	1915	216883
BF	377m W	Tanks	1981	230906
BF	377m W	Tanks	1959	230906
BF	377m W	Tanks	1993	224177
BF	380m W	Tanks	1981	221364
BF	380m W	Tanks	1959	222270
BF	380m W	Tanks	1993	217177
E	381m E	Cooling Tank	1971	216452

ID	Location	Land Use	Date	Group ID
BL	386m SE	Unspecified Tank	1915	230686
BL	386m SE	Unspecified Tank	1893	230686
BL	386m SE	Unspecified Tank	1927	230686
BL	391m SE	Unspecified Tank	1929	226597
BL	392m SE	Unspecified Tank	1927	226597
BL	393m SE	Unspecified Tank	1893	216876
BL	395m SE	Unspecified Tank	1915	232050
E	395m E	Unspecified Tank	1971	218724
E	395m E	Unspecified Tank	1983	227238
E	395m E	Unspecified Tank	1990	227238
E	396m E	Unspecified Tank	1994	227238
E	396m E	Unspecified Tank	1999	227238
BL	396m SE	Unspecified Tank	1915	227879
BL	396m SE	Unspecified Tank	1893	219337
E	396m E	Unspecified Tank	1959	211349
BL	396m SE	Unspecified Tank	1915	216887
BL	398m SE	Unspecified Tank	1894	225554
E	399m E	Tanks	1990	217095
E	400m E	Tanks	1994	217095
E	400m E	Tanks	1999	217095
BL	402m SE	Unspecified Tank	1915	232125
BL	404m SE	Unspecified Tank	1894	218966
BT	405m NE	Unspecified Tank	1971	208166
E	406m E	Unspecified Tank	1994	226872
E	406m E	Unspecified Tank	1974	228029
E	406m E	Unspecified Tank	1987	232610
BT	406m NE	Tanks	1974	213244
BF	409m W	Tanks	1993	222111

ID	Location	Land Use	Date	Group ID
BL	409m SE	Unspecified Tank	1894	224335
BL	409m SE	Unspecified Tank	1915	224335
18	410m NE	Unspecified Tank	1999	209788
BL	412m SE	Unspecified Tank	1929	211122
BF	412m W	Tanks	1993	221746
E	413m E	Cooling Tank	1971	216453
BU	413m N	Unspecified Tank	1971	211343
BL	416m SE	Unspecified Tank	1894	216629
BL	416m SE	Unspecified Tank	1915	216629
BL	418m SE	Tanks	1915	214470
BL	421m SE	Unspecified Tank	1929	211121
BL	429m SE	Unspecified Tank	1915	232880
BL	430m SE	Unspecified Tank	1894	232880
BL	435m SE	Unspecified Tank	1894	211117
BL	438m SE	Tanks	1929	214472
BL	438m SE	Unspecified Tank	1915	211119
BL	440m SE	Unspecified Tank	1894	211118
E	448m E	Unspecified Tank	1994	230790
E	449m E	Unspecified Tank	1983	219209
E	449m E	Unspecified Tank	1987	219209
BY	451m W	Unspecified Tank	1990	211542
BL	454m SE	Unspecified Tank	1894	232631
BL	454m SE	Unspecified Tank	1915	232631
BL	455m SE	Unspecified Tank	1894	229820
BL	455m SE	Unspecified Tank	1915	229820
BY	457m W	Unspecified Tank	1972	220767
BY	457m W	Unspecified Tank	1990	220767
BF	461m W	Unspecified Tank	1981	222341

ID	Location	Land Use	Date	Group ID
BF	461m W	Unspecified Tank	1993	222341
BL	461m SE	Unspecified Tank	1894	230155
BL	461m SE	Unspecified Tank	1915	230155
BL	461m SE	Unspecified Tank	1915	232968
BL	461m SE	Unspecified Tank	1929	232968
BL	462m SE	Unspecified Tank	1929	217699
BY	462m W	Unspecified Tank	1972	230559
BY	463m W	Unspecified Tank	1990	230559
BY	484m W	Unspecified Tank	1990	211541
BY	484m W	Unspecified Tank	1981	219883
BY	484m W	Unspecified Tank	1993	231921
E	485m E	Unspecified Tank	1983	221946
E	485m E	Unspecified Tank	1987	221946
E	485m E	Unspecified Tank	1994	221946
E	488m E	Unspecified Tank	1983	222326
E	488m E	Unspecified Tank	1987	222326
E	488m E	Unspecified Tank	1974	222326
E	488m E	Unspecified Tank	1994	222326
BY	494m W	Unspecified Tank	1965	218122
BY	494m W	Unspecified Tank	1954	218674
BY	494m W	Unspecified Tank	1961	227904
BY	494m W	Unspecified Tank	1972	232223
BY	494m W	Unspecified Tank	1952	227904
BY	494m W	Unspecified Tank	1990	221617
CE	498m NE	Tanks	1974	213245
CE	498m NE	Tanks	1974	214591

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	38

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 30 >**

ID	Location	Land Use	Date	Group ID
L	**On site**	**Electric Generating Station**	**1915**	**134763**
L	**On site**	**Electric Generating Station**	**1915**	**134763**
N	**On site**	**Electricity Substation**	**1994**	**138633**
N	**On site**	**Electricity Substation**	**1971**	**138633**
N	**On site**	**Electricity Substation**	**1990**	**138633**
P	**On site**	**Electricity Substation**	**1952**	**129965**
P	**On site**	**Electricity Substation**	**1954**	**139483**
V	59m SE	Electricity Substation	1989	134512
V	59m SE	Electricity Substation	1989	134512
V	59m SE	Electricity Substation	1970	127934
V	60m SE	Electricity Substation	1970	134512
V	60m SE	Electricity Substation	1993	134512
O	94m W	Electric Generating Station	1915	139030
O	94m W	Electric Generating Station	1915	139030
Y	102m N	Electricity Substation	1970	136466
Y	103m N	Electricity Substation	1993	138791
Y	104m N	Electricity Substation	1971	131930
AA	118m SE	Electricity Substation	1993	127953
AD	128m S	Electricity Substation	1989	137406
AD	128m S	Electricity Substation	1989	137406
AD	128m S	Electricity Substation	1970	137406
AD	129m S	Electricity Substation	1993	137406
Y	137m N	Electricity Substation	1970	127936

ID	Location	Land Use	Date	Group ID
AA	144m SE	Electricity Substation	1971	128343
AU	267m W	Electricity Substation	1972	128349
BA	293m E	Electricity Substation	1971	140678
BA	293m E	Electricity Substation	1994	133931
BA	293m E	Electricity Substation	1999	133931
BA	293m E	Electricity Substation	1983	138179
BA	293m E	Electricity Substation	1990	138179
E	297m E	Electricity Substation	1971	127935
BK	331m SW	Electricity Substation	1989	131484
BK	332m SW	Electricity Substation	1993	131484
E	388m E	Electricity Substation	1971	128348
19	415m N	Electricity Substation	1993	127952
X	424m E	Electricity Substation	1990	133734
X	425m E	Electricity Substation	1994	133734
X	425m E	Electricity Substation	1999	133734

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	1

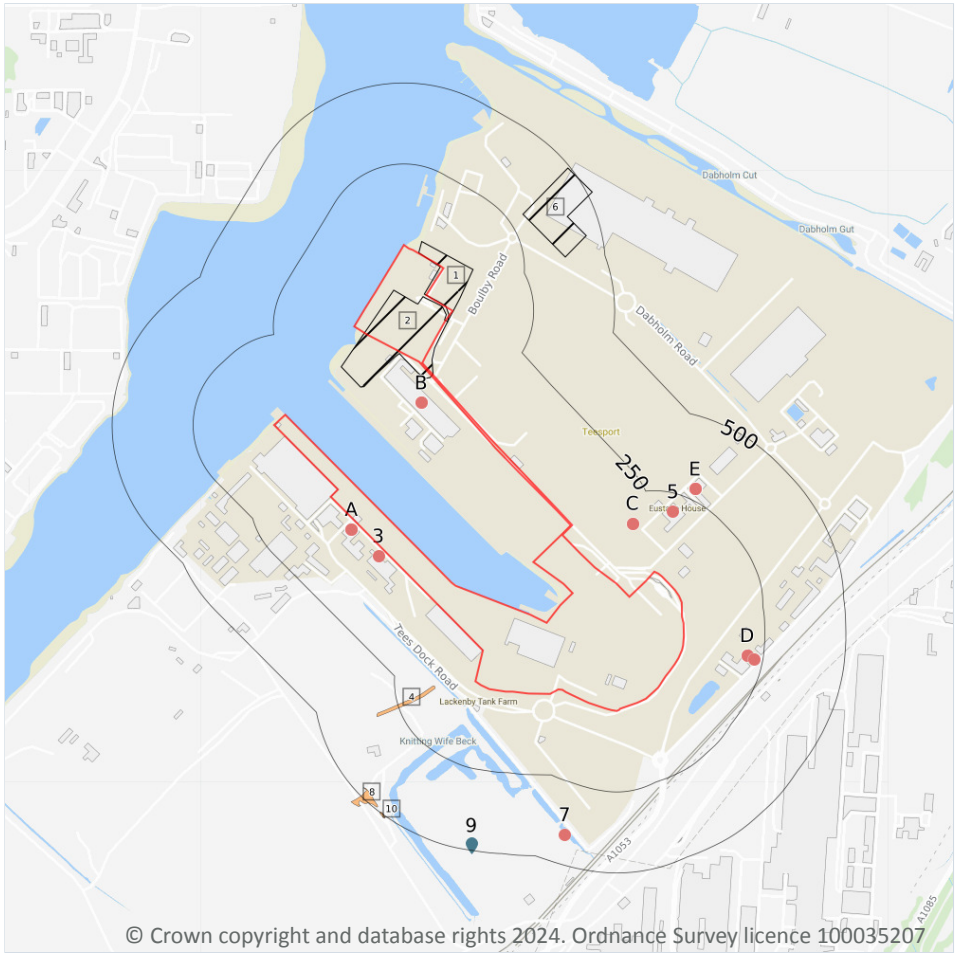
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 30 >**

ID	Location	Land Use	Date	Group ID
K	21m W	Repair Depot	1974	42187

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Historical landfill (EA/NRW)

Historical waste sites

Licensed waste sites

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	3

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 53 >**

ID	Location	Details		
1	**On site**	**Site Address: Bells Containers, Redcar, Cleveland Licence Holder Address: Tees Dock**	**Waste Licence: Yes Site Reference: 0700/CLE/028/2 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 29/07/1977 Licence Surrender: 01/11/1989**	**Operator: - Licence Holder: Tees and Hartlepool Port Authority First Recorded 29/07/1977 Last Recorded: 30/09/1989**
2	**On site**	**Site Address: Bells Containers, Redcar, Cleveland Licence Holder Address: Queen's Square, Middlesbrough, Cleveland**	**Waste Licence: Yes Site Reference: 0700/CLE/028/2 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 29/07/1977 Licence Surrender: 01/11/1989**	**Operator: - Licence Holder: Tees and Hartlepool Port Authority First Recorded 29/07/1977 Last Recorded: 30/10/1989**
6	297m N	Site Address: Bells Containers, Sludge Farm Teesport Refinery, Redcar, Cleveland Licence Holder Address: Teesport Refinery, Grangetown, Middlesbrough, Cleveland	Waste Licence: Yes Site Reference: 0700/CLE/102 Waste Type: Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 14/05/1981 Licence Surrender: -	Operator: - Licence Holder: Shell (UK) Limited First Recorded - Last Recorded: 01/09/1987

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	3

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 53 >**

ID	Location	Address	Further Details	Date
4	126m SW	Site Address: N/A	Type of Site: Refuse Pit Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1954
8	473m SW	Site Address: N/A	Type of Site: Refuse Pit Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1954
10	497m SW	Site Address: N/A	Type of Site: Refuse Pit Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1954

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	1

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 53 >**

ID	Location	Details		
9	487m S	Site Name: B S Slems Site Address: Steel House, Teesside Division, Redcar, Cleveland, TS10 5QW Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 627384 EPR reference: EA/EPR/KP3190ZL Operator: Tata Steel Uk Limited Waste Management licence No: 60137 Annual Tonnage: 122060	Issue Date: 01/04/1977 Effective Date: 01/04/1977 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m **22**

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

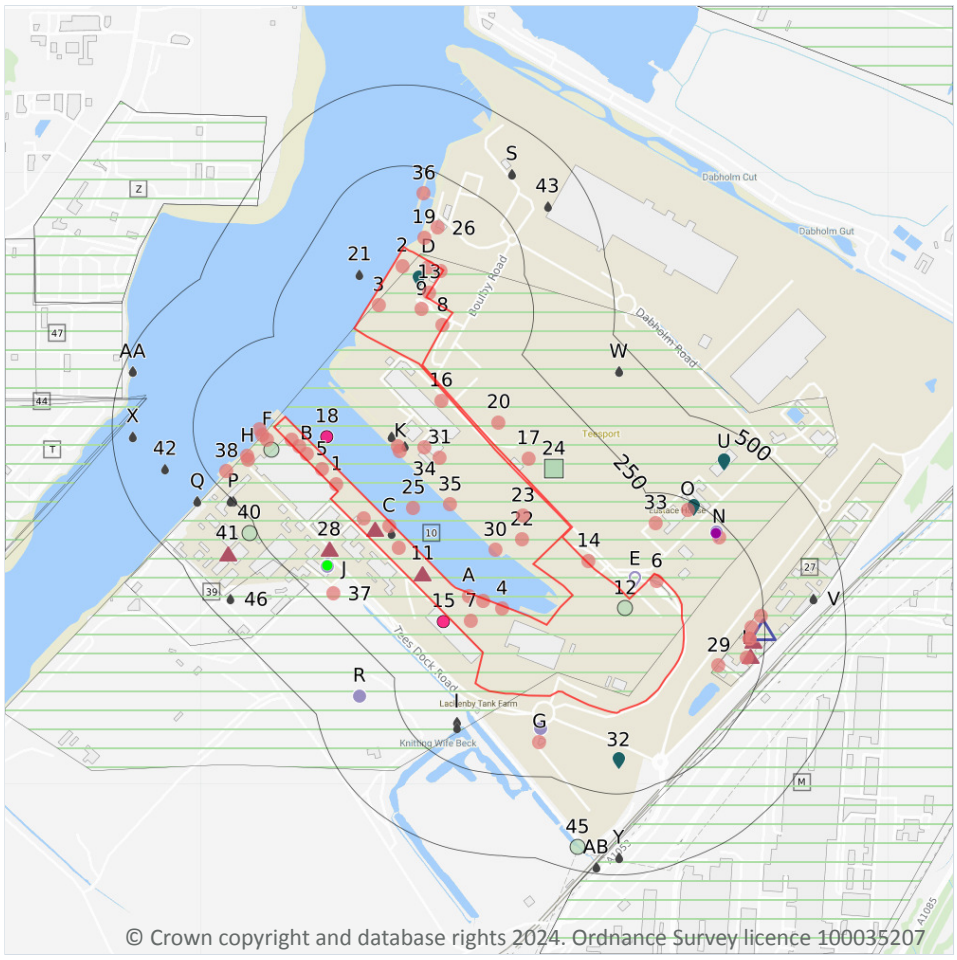
Features are displayed on the Waste and landfill map on **page 53 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
3	27m W	Engineering Department Tees Dock Middlesbrough Cleveland Ts6 6ud	EPR/TF0835JE/A001	Treating waste exemption	Non-agricultural waste only	Crushing waste fluorescent tubes
A	28m W	Engineering Department, Tees Dock, Middlesbrough, Ts6 6ud	WEX146110	Using waste exemption	Not on a farm	Use of waste in construction
A	28m W	Tees Bulks, Tees Dock, Middlesbrough, Ts6 6ud	WEX003559	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	28m W	Engineering Department, Tees Dock, Middlesbrough, Ts6 6ud	WEX146110	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	81m NW	-	WEX344492	Treating waste exemption	Not on a farm	Recovery of scrap metal
B	81m NW	-	WEX215813	Treating waste exemption	Not on a farm	Recovery of scrap metal
C	162m E	Engineering Department Tees Dock Middlesbrough Cleveland Ts6 6ud	EPR/GF0906CD/A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal
C	162m E	Engineering Department Tees Dock Middlesbrough Cleveland Ts6 6ud	EPR/GF0906CD/A001	Using waste exemption	Non-agricultural waste only	Use of waste in construction
5	192m E	-	WEX215411	Using waste exemption	Not on a farm	Use of waste in construction
D	200m SE	Tees Dock Road, Middlesbrough, Ts6 7rt	WEX316041	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	200m SE	Tees Dock Road, Middlesbrough, Ts6 7rt	WEX186985	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	200m SE	Tees Dock Road, Middlesbrough, Ts6 7rt	WEX023817	Storing waste exemption	Not on a farm	Storage of waste in secure containers

ID	Location	Site	Reference	Category	Sub-Category	Description
D	223m SE	Boc Tees Dock Road Middlesbrough Cleveland Ts6 7rt	EPR/WE5255JF/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in secure containers
E	282m E	Pd Teesport Ltd - Bulks Department, Tees Dock Road, Grangetown, Middlesbrough, Ts6 6ud	WEX299174	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	282m E	Icl Uk Sales, Potash Terminal, Tees Dock, Middlesbrough, Ts6 6ud	WEX297085	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	282m E	Pd Teesport Ltd - Bulks Department, Tees Dock Road, Grangetown, Middlesbrough, Ts6 6ud	WEX164683	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	282m E	Engineering Department, Teesdock, Middlesbrough, Ts6 6ud	WEX249451	Treating waste exemption	Not on a farm	Crushing waste fluorescent tubes
E	282m E	Icl Uk Sales, Potash Terminal, Tees Dock, Middlesbrough, Ts6 6ud	WEX162393	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	282m E	Teesdock Terminal, Teesdock, Grangetown, Middlesbrough, Ts6 6ud	WEX072968	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	282m E	Potash Terminal, Tees Dock, Middlesbrough, Ts6 6ud	WEX002110	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	282m E	Engineering Department, Tees Dock, Middlesbrough, Ts6 6ud	WEX103065	Treating waste exemption	Not on a farm	Crushing waste fluorescent tubes
7	412m S	-	WEX393843	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	53

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Company	Address	Activity	Category
1	On site	Travelling Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
2	On site	Travelling Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
3	On site	Travelling Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features

ID	Location	Company	Address	Activity	Category
4	**On site**	**Travelling Cranes**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
5	**On site**	**Travelling Crane**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
6	**On site**	**Pylon**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
7	**On site**	**Pylon**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
8	**On site**	**Pylon**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
9	**On site**	**Pylon**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
A	**On site**	**Travelling Crane**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
A	**On site**	**Travelling Cranes**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
B	**On site**	**Travelling Crane**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
B	**On site**	**Travelling Crane**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
B	**On site**	**Travelling Crane**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
C	**On site**	**Travelling Cranes**	**North Yorkshire, TS6**	**Travelling Cranes and Gantries**	**Industrial Features**
C	**On site**	**Pylon**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
C	**On site**	**Pylon**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
D	**On site**	**Mast**	**North Yorkshire, TS6**	**Telecommunications Features**	**Infrastructure and Facilities**
D	**On site**	**Pylon**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
13	**On site**	**Electricity Sub Station**	**North Yorkshire, TS6**	**Electrical Features**	**Infrastructure and Facilities**
14	6m E	Pylon	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
16	25m NW	Gantry	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
F	43m NW	Slipway	North Yorkshire, TS6	Moorings and Unloading Facilities	Water
F	43m NW	Slipway	North Yorkshire, TS6	Moorings and Unloading Facilities	Water
F	46m NW	Slipway	North Yorkshire, TS6	Moorings and Unloading Facilities	Water
17	48m N	Pylon	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
19	56m N	Outfall	North Yorkshire, TS6	Waste Storage, Processing and Disposal	Infrastructure and Facilities
20	57m N	Mast (Telecommunication)	North Yorkshire, TS6	Telecommunications Features	Infrastructure and Facilities
22	78m N	Pylon	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
23	81m N	Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
25	83m NW	Tees Dock	North Yorkshire, TS6	Moorings and Unloading Facilities	Water
26	103m N	Electricity Sub Station	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
29	121m SE	Electricity Sub Station	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
H	121m W	Pylon	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
30	126m NW	Travelling Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
H	128m W	Mast (Telecommunication)	North Yorkshire, TS6	Telecommunications Features	Infrastructure and Facilities
G	142m S	Electricity Sub Station	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
31	144m NW	Pylon	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
33	156m E	Tank	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
34	158m NW	I C L UK	Cory Brothers Teesport, Tees Dock Road, Grangetown, North Yorkshire, TS6 6UD	Ore Mining	Extractive Industries
35	170m NW	Travelling Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
36	176m N	Jetty	North Yorkshire, TS6	Moorings and Unloading Facilities	Water
K	177m NW	Travelling Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
K	183m NW	Travelling Crane	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
37	199m W	Pipe Gantry	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
L	200m SE	BOC Industrial Gases	Tees Dock Road, Grangetown, North Yorkshire, TS6 7RT	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
38	201m W	Queen Elizabeth II Jetty	North Yorkshire, TS6	Moorings and Unloading Facilities	Water
L	203m E	Tanks	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
L	203m E	Tank	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
L	210m E	Tank	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
N	216m E	Pylon	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
O	223m E	Tank	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
L	240m E	Tank	North Yorkshire, TS6	Tanks (Generic)	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	1

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Company	Address	LPG	Status
L	242m E	UNBRANDED	Tees Dock Road, Middlesborough, Redcar And Cleveland, TS6 7RT	No	Non-Retail

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	11

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Company	Address	Operational status	Tier
10	**On site**	**Tees&hartlepool Port Authority**	**Tees & Hartlepool Port Authority, Tees Dock, Lackenby, Middlesbrough**	**Historical NIHHS Site**	**-**

ID	Location	Company	Address	Operational status	Tier
27	108m SE	BOC Limited	BOC Limited, Middlesbrough Tees Dock Road, Tees Dock Road, Middlesbrough, Cleveland, TS6 7RT	Current COMAH Site	COMAH Lower Tier Operator
M	213m SE	Sahaviriya Steel Industries Uk Limited	Sahaviriya Steel Industries Uk Limited, Steel House, Redcar, Cleveland, TS10 5QW	Historical COMAH Site	COMAH Upper Tier Operator
M	234m SE	South Tees Site Company Limited	South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW	Historical COMAH Site	COMAH Upper Tier Operator
39	234m W	Seal Sands Gas Transportation Limited (SSGTL)	Seal Sands Gas Transportation Limited (SSGTL), Teeside Gas Port, Jetty 10, Dabholme Road, Teesport, Middlesbrough, Cleveland, TS6 6UD	Historical COMAH Site	COMAH Upper Tier Operator
T	403m NW	Greenergy Terminals Limited	Greenergy Terminals Limited, North Tees, North Tees Oil Refinery & Road Rail Terminal, Seaton Road, Port Clarence, Middlesbrough, Cleveland, TS2 1TT	Historical NIHHS Site	-
T	403m NW	CF Fertilisers UK Limited	CF Fertilisers UK Limited, North Tees, Huntsman Drive, Port Clarence, Middlesbrough, Cleveland, TS2 1TT	Current COMAH Site	COMAH Upper Tier Operator
44	407m NW	Growhow Uk Ltd	Growhow Uk Ltd, North Tees, Huntsman Drive, Port Clarence, Middlesbrough, Cleveland, TS2 1TT	Historical NIHHS Site	-
Z	452m NW	Vopak Terminal Teesside Limited	Vopak Terminal Teesside Limited, Stockton On Tees, Seal Sands, Stockton On Tees, Cleveland, TS2 1UA	Historical NIHHS Site	-
Z	452m NW	Navigator Terminals Seal Sands Limited	Navigator Terminals Seal Sands Limited, Stockton on Tees, Seal Sands, Stockton on Tees, Cleveland, TS2 1UA	Current COMAH Site	COMAH Upper Tier Operator
47	477m W	INEOS Nitriles (UK) Limited	INEOS Nitriles (UK) Limited, Seal Sands Chemical Works, PO Box 62, Middlesbrough, Cleveland, TS2 1TX	Historical COMAH Site	COMAH Upper Tier Operator

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	6

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Details	
11	**On site**	**Application reference number: R/2010/0696/HD** **Application status: Approved** **Application date: 28/10/2010** **Address: P D Teesport Ltd pka Tees & Hartlepool Port Authority Ltd, Tees Dock, Grangetown, Middlesbrough, Redcar and Cleveland Borough Council, England, TS6 6TN**	**Details: Storage of ammonium nitrate** **Enforcement: No Enforcement Notified** **Date of enforcement: No Enforcement Notified** **Comment: No Enforcement Notified**
C	**On site**	**Application reference number: R/1997/0039/TD** **Application status: Historical Consent** **Application date: 27/01/1997** **Address: Seal Sands Gas Transportation Limited (SSGTL), Teesside Gas Port, Jetty 10, Dabholme Road, Teesport, Middlesbrough, Redcar and Cleveland Borough Council, England, TS6 6UD**	**Details: Storage of up to 2500 tonnes of ammonium nitrate.** **Enforcement: No Enforcement Notified** **Date of enforcement: No Enforcement Notified** **Comment: No Enforcement Notified**
28	115m W	Application reference number: No Details Application status: Historical Consent Application date: No Details Address: Tees & Hartlepool Port Authority Ltd, Teesport Container Terminal, Grangetown, Middlesbrough, Cleveland, England, TS6 6UP	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details
L	208m E	Application reference number: L/1992/0916/HD Application status: Historical Consent Application date: 06/11/1992 Address: BOC Ltd, Tees Dock Road, Grangetown, Middlesbrough, Cleveland, TS6 7RT	Details: Storage of hydrogen, liquid oxygen and LPG Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Location	Details	
L	213m E	Application reference number: No Details Application status: Approved Application date: No Details Address: BOC Limited, Tees Dock Road, Grangetown, Middlesbrough, Redcar and Cleveland Borough Council, England, TS6 7RT	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details
41	361m W	Application reference number: L/1992/0936/HD Application status: Approved Application date: 16/11/1992 Address: SABIC UK Petrochemicals, Teesport Storage, Grangetown, Middlesbrough, Redcar and Cleveland Borough Council, England, TS6 6UF	Details: No Details Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	**44**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Details	
G	100m S	Operator: Hodgson Specialities Ltd Address: Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AB1754	Original Permit Number: IPCAPP Date Approved: 17-3-1992 Effective Date: 17-3-1992 Status: Superseded By Variation
G	100m S	Operator: Hodgson Specialities Ltd Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AB9569	Original Permit Number: IPCAPP Date Approved: 8-5-1992 Effective Date: 8-5-1992 Status: Surrendered
G	100m S	Operator: Hodgson Specialities Ltd Address: Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AG7105	Original Permit Number: IPCAIRAPP Date Approved: 2-3-1993 Effective Date: 2-3-1993 Status: Revoked
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AI7831	Original Permit Number: IPCAPP Date Approved: 15-10-1993 Effective Date: 15-10-1993 Status: Superseded By Variation

ID	Location	Details	
G	100m S	Operator: Hodgson Specialities Ltd Address: Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AI9346	Original Permit Number: IPCMINVAR Date Approved: 7-6-1993 Effective Date: 7-6-1993 Status: Revoked
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AK3684	Original Permit Number: IPCAPP Date Approved: 8-3-1994 Effective Date: 15-3-1994 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AN9778	Original Permit Number: IPCMINVAR Date Approved: 12-8-1994 Effective Date: 30-9-1994 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AP6621	Original Permit Number: IPCMINVAR Date Approved: 27-1-1995 Effective Date: 3-2-1995 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AP7342	Original Permit Number: IPCMINVAR Date Approved: 24-1-1995 Effective Date: 26-1-1995 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AQ8549	Original Permit Number: IPCMINVAR Date Approved: 21-3-1995 Effective Date: 22-3-1995 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AR0110	Original Permit Number: IPCMINVAR Date Approved: 21-4-1995 Effective Date: 11-5-1995 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AR2848	Original Permit Number: IPCMINVAR Date Approved: 2-5-1995 Effective Date: 5-5-1995 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AS2726	Original Permit Number: IPCMINVAR Date Approved: 4-8-1995 Effective Date: 11-8-1995 Status: Superseded By Variation

ID	Location	Details	
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AV7554	Original Permit Number: IPCMINVAR Date Approved: 24-5-1996 Effective Date: 24-5-1996 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AX1093	Original Permit Number: IPCMINVAR Date Approved: 15-11-1996 Effective Date: 22-11-1996 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AX1620	Original Permit Number: IPCMINVAR Date Approved: 14-11-1996 Effective Date: 22-11-1996 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AY1633	Original Permit Number: IPCMINVAR Date Approved: 7-3-1997 Effective Date: 14-3-1997 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: AZ6240	Original Permit Number: IPCMINVAR Date Approved: 1-9-1997 Effective Date: 7-9-1997 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BA6470	Original Permit Number: IPCMINVAR Date Approved: 9-2-1998 Effective Date: 9-2-1998 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BA8936	Original Permit Number: IPCMINVAR Date Approved: 17-3-1998 Effective Date: 17-3-1998 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BC2564	Original Permit Number: IPCMINVAR Date Approved: 15-10-1998 Effective Date: 16-10-1998 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BC4907	Original Permit Number: IPCMINVAR Date Approved: 26-2-1999 Effective Date: 1-3-1999 Status: Superseded By Variation

ID	Location	Details	
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BE3219	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BE6595	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Recovery Processes Permit Number: BH0844	Original Permit Number: IPCAPP Date Approved: 29-3-2000 Effective Date: 31-3-2000 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BH2855	Original Permit Number: IPCMINVAR Date Approved: 27-10-1999 Effective Date: 27-10-1999 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BI0793	Original Permit Number: IPCMINVAR Date Approved: 5-4-2000 Effective Date: 10-4-2000 Status: Revoked - Now Ippc
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Recovery Processes Permit Number: BI9677	Original Permit Number: IPCMINVAR Date Approved: 28-7-2000 Effective Date: 31-7-2000 Status: Superseded By Variation
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Division, Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Manufacture And Use Of Organic Chemicals Permit Number: BJ2695	Original Permit Number: IPCMINVAR Date Approved: 23-8-2000 Effective Date: 25-8-2000 Status: Revoked - Now Ippc
G	100m S	Operator: Albermarle UK Holdings Ltd (dissolved) Address: Teesport Industrial Estate, Middlesbrough, Cleveland, TS6 7SA Process: Recovery Processes Permit Number: BJ5228	Original Permit Number: IPCMINVAR Date Approved: 20-10-2000 Effective Date: 20-10-2000 Status: Revoked - Now Ippc
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: AU3979	Original Permit Number: IPCAPP Date Approved: 31-7-1997 Effective Date: 8-8-1997 Status: Superseded By Variation

ID	Location	Details	
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BA8545	Original Permit Number: IPCMINVAR Date Approved: 6-3-1998 Effective Date: 13-3-1998 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BB2127	Original Permit Number: IPCMINVAR Date Approved: 12-5-1998 Effective Date: 12-5-1998 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BB4715	Original Permit Number: IPCMINVAR Date Approved: 30-6-1998 Effective Date: 1-7-1998 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BE5084	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BE9250	Original Permit Number: IPCMINVAR Date Approved: 1-2-1999 Effective Date: 1-2-1999 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BF8704	Original Permit Number: IPCMINVAR Date Approved: 14-4-1999 Effective Date: 15-4-1999 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BH7792	Original Permit Number: IPCMAJVAR Date Approved: 30-5-2000 Effective Date: 30-5-2000 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BK0868	Original Permit Number: IPCMINVAR Date Approved: 14-12-2000 Effective Date: 15-12-2000 Status: Superseded By Variation
J	155m W	Operator: Northumbrian Water Ltd Address: Bran Sands, Tees Dock Road, Middlesbrough, Cleveland, TS6 6UE Process: The Production Of Fuel From Waste Permit Number: BL1070	Original Permit Number: IPCMINVAR Date Approved: 18-5-2001 Effective Date: 18-5-2001 Status: Revoked - Now Ippc

ID	Location	Details	
R	360m SW	Operator: Multiserv Group Ltd Address: British Steel Plc, Teesside Works, Teesport Site, Redcar, Cleveland, TS10 5RE Process: Iron And Steel Permit Number: AR0250	Original Permit Number: IPCAPP Date Approved: 27-7-1995 Effective Date: 3-8-1995 Status: Superseded By Variation
R	360m SW	Operator: Multiserv Group Ltd Address: British Steel Plc, Teesside Works, Teesport Site, Redcar, Cleveland, TS10 5RE Process: Iron And Steel Permit Number: AW7622	Original Permit Number: IPCMINVAR Date Approved: 17-12-1996 Effective Date: 24-12-1996 Status: Superseded By Variation
R	360m SW	Operator: Multiserv Group Ltd Address: British Steel Plc, Teesside Works, Teesport Site, Redcar, Cleveland, TS10 5RE Process: Iron And Steel Permit Number: BD7022	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
R	360m SW	Operator: Multiserv Group Ltd Address: British Steel Plc, Teesside Works, Teesport Site, Redcar, Cleveland, TS10 5RE Process: Iron And Steel Permit Number: BK8486	Original Permit Number: IPCMINVAR Date Approved: 5-4-2001 Effective Date: 7-4-2001 Status: Revoked - Now Ippc

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m **19**

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Details	
E	32m E	Operator: MGT TEESSIDE LIMITED Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: COMBUSTION; ANY FUEL =>50MW Permit Number: TP3538GF Original Permit Number: TP3538GF	EPR Reference: EPR/TP3538GF Issue Date: 17/02/2020 Effective Date: 17/02/2020 Last date noted as effective: 29/10/2024 Status: Effective
E	32m E	Operator: MGT TEESSIDE LIMITED Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: ASSOCIATED PROCESS Permit Number: TP3538GF Original Permit Number: TP3538GF	EPR Reference: EPR/TP3538GF Issue Date: 17/02/2020 Effective Date: 17/02/2020 Last date noted as effective: 29/10/2024 Status: Effective

ID	Location	Details	
E	32m E	Operator: MGT TEESSIDE LIMITED Installation Name: TEES RENEWABLE ENERGY PLANT Process: RECOVERY OF WASTE; CLEANING/REGENERATING CARBON ETC BY REMOVING SCHEDULED SUBSTANCES Permit Number: BP3339JA Original Permit Number: TP3538GF	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2018 Status: DETERMINATION
E	32m E	Operator: MGT Teesside Limited Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: COMBUSTION; ANY FUEL =>50MW Permit Number: NP3836AB Original Permit Number: TP3538GF	EPR Reference: - Issue Date: 24/09/2015 Effective Date: 24/09/2015 Last date noted as effective: 21/03/2023 Status: Superceded
E	32m E	Operator: MGT Teesside Limited Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: RECOVERY OF WASTE; CLEANING/REGENERATING CARBON ETC BY REMOVING SCHEDULED SUBSTANCES Permit Number: NP3836AB Original Permit Number: TP3538GF	EPR Reference: - Issue Date: 24/09/2015 Effective Date: 24/09/2015 Last date noted as effective: 21/03/2023 Status: Superceded
E	32m E	Operator: MGT Teesside Limited Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: COMBUSTION; ANY FUEL =>50MW Permit Number: BP3339JA Original Permit Number: TP3538GF	EPR Reference: - Issue Date: 27/02/2018 Effective Date: 27/02/2018 Last date noted as effective: 21/03/2023 Status: Superceded
E	32m E	Operator: MGT Teesside Limited Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3403BP Original Permit Number: TP3538GF	EPR Reference: - Issue Date: 17/02/2020 Effective Date: 17/02/2020 Last date noted as effective: 21/03/2023 Status: Effective
E	32m E	Operator: MGT Teesside Limited Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: RECOVERY OF WASTE; CLEANING/REGENERATING CARBON ETC BY REMOVING SCHEDULED SUBSTANCES Permit Number: TP3538GF Original Permit Number: TP3538GF	EPR Reference: - Issue Date: 23/12/2009 Effective Date: 23/12/2009 Last date noted as effective: 21/03/2023 Status: Superceded

ID	Location	Details	
E	32m E	Operator: MGT Teesside Limited Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: ASSOCIATED PROCESS Permit Number: EP3403BP Original Permit Number: TP3538GF	EPR Reference: - Issue Date: 17/02/2020 Effective Date: 17/02/2020 Last date noted as effective: 21/03/2023 Status: Effective
E	32m E	Operator: MGT Teesside Limited Installation Name: Tees Renewable Energy Plant EPR/TP3538GF Process: ASSOCIATED PROCESS Permit Number: BP3339JA Original Permit Number: TP3538GF	EPR Reference: - Issue Date: 27/02/2018 Effective Date: 27/02/2018 Last date noted as effective: 21/03/2023 Status: Superceded
J	155m W	Operator: Impetus Waste Management Ltd Installation Name: BRAN SANDS WASTE DISPOSAL Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: BV8652IM Original Permit Number: BV8652IM	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 21/03/2023 Status: Refused
N	215m E	Operator: KEMIRA CHEMICALS (UK) LIMITED Installation Name: Kemira Teesport EPR/UP3035JQ Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: UP3035JQ Original Permit Number: UP3035JQ	EPR Reference: EPR/UP3035JQ Issue Date: 29/11/2017 Effective Date: 29/11/2017 Last date noted as effective: 29/10/2024 Status: Effective
N	215m E	Operator: KEMIRA CHEMICALS (UK) LIMITED Installation Name: Kemira Teesport EPR/UP3035JQ Process: ASSOCIATED PROCESS Permit Number: UP3035JQ Original Permit Number: UP3035JQ	EPR Reference: EPR/UP3035JQ Issue Date: 29/11/2017 Effective Date: 29/11/2017 Last date noted as effective: 29/10/2024 Status: Effective
N	215m E	Operator: KEMIRA TEESPORT LIMITED Installation Name: Kemira Teesport EPR/BU5798IW Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: BU5798IW Original Permit Number: BU5798IW	EPR Reference: EPR/BU5798IW Issue Date: 24/05/2013 Effective Date: 24/05/2013 Last date noted as effective: 29/10/2024 Status: Superseded
N	215m E	Operator: KEMIRA TEESPORT LIMITED Installation Name: Kemira Teesport EPR/BU5798IW Process: ASSOCIATED PROCESS Permit Number: BU5798IW Original Permit Number: BU5798IW	EPR Reference: EPR/BU5798IW Issue Date: 24/05/2013 Effective Date: 24/05/2013 Last date noted as effective: 29/10/2024 Status: Superseded
N	215m E	Operator: KEMIRA CHEMICALS (UK) LIMITED Installation Name: KEMIRA TEESPORT EPR/UP3035JQ Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: UP3035JQ Original Permit Number: UP3035JQ	EPR Reference: - Issue Date: 29/11/2017 Effective Date: 29/11/2017 Last date noted as effective: 26/10/2020 Status: TRANSFER EFFECTIVE

ID	Location	Details	
N	215m E	Operator: Kemira Teesport Ltd Installation Name: Kemira Teesport EPR/BU5798IW Process: ASSOCIATED PROCESS Permit Number: CP3939NF Original Permit Number: BU5798IW	EPR Reference: - Issue Date: 24/05/2013 Effective Date: 24/05/2013 Last date noted as effective: 21/03/2023 Status: Superceded
N	215m E	Operator: Kemira Teesport Ltd Installation Name: Kemira Teesport EPR/BU5798IW Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: CP3939NF Original Permit Number: BU5798IW	EPR Reference: - Issue Date: 24/05/2013 Effective Date: 24/05/2013 Last date noted as effective: 21/03/2023 Status: Superceded
N	215m E	Operator: Kemira Teesport Ltd Installation Name: Kemira Teesport EPR/BU5798IW Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: LP3831LP Original Permit Number: BU5798IW	EPR Reference: - Issue Date: 04/05/2007 Effective Date: 04/05/2007 Last date noted as effective: 21/03/2023 Status: Superceded

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m **5**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Address	Details	
D	**On site**	**Cleveland Potash Limited,Teesdock Terminal, Grangetown, Middlesbrough, TS13 4UZ**	**Process: Other Mineral Processes** **Status: Historical Permit** **Permit Type: Part B**	**Enforcement: No Enforcements Notified** **Date of enforcement: No Enforcements Notified** **Comment: No Enforcements Notified**
32	146m SE	Jackson Fuels, Grangetown, TS6 AAA	Process: Coal & Coke Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
O	235m E	PD Teesport Ltd, Teesdock, Grangetown, Middlesbrough, TS6 6UD	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

ID	Location	Address	Details	
U	405m NE	CAT-UK Services Limited, Vehicle Compound, Teesport, Grangetown, Middlesbrough, TS6 6UD	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
U	405m NE	M & G (Teesport), Teesport, TS6 7RU	Process: Coal & Coke Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m **3**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Address	Details	
15	19m SW	Tees Dock, Grangetown, Middlesbrough, TS6 6UD	Operator: Secretary of State for Home Affairs Type: - Permission number: CA7004 Date of approval: -	Effective from: - Last date of update: 01/01/2020 Status: Surrendered
18	48m NW	PD Teesport, Tees Dock at Grangetown, Middlesbrough, TS6 6UD	Operator: Veolia ES (UK) Limited Type: - Permission number: VB3339DM Date of approval: -	Effective from: - Last date of update: 01/01/2020 Status: Surrendered
J	155m W	Bran Sands, Tees Dock Road, Middlesbrough, TS6 6UE	Operator: Northumbrian Water Limited Type: - Permission number: PB3438DJ Date of approval: -	Effective from: 18/05/2012 Last date of update: 01/01/2020 Status: Issued

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m **46**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Address	Details	
C	**On site**	**TEESDOCKPOTASHTERMINAL,MIDDLESBROUGH**	**Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY** **Permit Number: 254/B/0153A** **Permit Version: 1** **Receiving Water: TIDAL WATERS OF TEES**	**Status: REVOKED - UNSPECIFIED** **Issue date: 23/03/1972** **Effective Date: 23/03/1972** **Revocation Date: 12/08/1993**
C	**On site**	**TEESDOCKPOTASHTERMINAL,MIDDLESBROUGH**	**Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY** **Permit Number: 254/B/0153A** **Permit Version: 1** **Receiving Water: TIDAL WATERS OF TEES**	**Status: REVOKED - UNSPECIFIED** **Issue date: 23/03/1972** **Effective Date: 23/03/1972** **Revocation Date: 12/08/1993**
21	74m NW	CONTAINERBERTHATTEESDOCK,GRANGETOWN	Effluent Type: TRADE DISCHARGES - ABANDONED Permit Number: 254/B/0140 Permit Version: 1 Receiving Water: TEES	Status: CONSENT REVOKED - DISCHARGE CEASED (WRA 91, SCHED 10 & 6) Issue date: 06/11/1970 Effective Date: 06/11/1970 Revocation Date: 01/07/1991
I	131m S	CORUSC3OUTFALL,TEESPORT	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/1534 Permit Version: 1 Receiving Water: THE RIVER TEES	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 27/02/1998 Effective Date: 01/11/1998 Revocation Date: 31/03/2000
I	131m S	CORUSC3OUTFALL,TEESPORT	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/1534 Permit Version: 2 Receiving Water: THE RIVER TEES	Status: REVOKED - UNSPECIFIED Issue date: 27/02/1998 Effective Date: 01/04/2000 Revocation Date: 20/08/2004
I	147m S	VEHICLEWASHINGFACILITY,TEESDOCK,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/1091 Permit Version: 1 Receiving Water: KINKERDALE BECK (TEES ESTUARY)	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 13/05/1991 Effective Date: 13/05/1991 Revocation Date: 17/06/2002
K	190m NW	CLEVELANDPOTASHTEESDOCKTERMINAL,TEESPORT	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 254/1271 Permit Version: 1 Receiving Water: TEES ESTUARY	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 19/11/1993 Effective Date: 05/10/1993 Revocation Date: 30/10/2001

ID	Location	Address	Details	
K	190m NW	CLEVELANDPOTASHTEESDOCKTERMINAL,TEESPORT	Effluent Type: SEWAGE & TRADE COMBINED - UNSPECIFIED Permit Number: 254/1271 Permit Version: 1 Receiving Water: TEES ESTUARY	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 19/11/1993 Effective Date: 05/10/1993 Revocation Date: 30/10/2001
K	190m NW	CLEVELANDPOTASHTEESDOCKTERMINAL,TEESPORT	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/1271 Permit Version: 1 Receiving Water: TEES ESTUARY	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 19/11/1993 Effective Date: 05/10/1993 Revocation Date: 30/10/2001
K	197m NW	CLEVELANDPOTASHLIMITED,TEESDOCKTERMINAL,TEESDOCK,GRANGETOWN,MIDDLESBROUGH,TS66UD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 25/04/1654 Permit Version: 1 Receiving Water: TEES DOCK - SALINE ESTUARY	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 30/10/2001 Effective Date: 30/10/2001 Revocation Date: -
P	252m W	SHELLUKOILRIVERSIDESITE,GRANGETOWN,MIDDLESBROUGH,CLEVELAND	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0076 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: REVOKED - UNSPECIFIED Issue date: 20/01/1967 Effective Date: 20/01/1967 Revocation Date: 24/05/1983
P	252m W	SHELLUKOILRIVERSIDESITE,GRANGETOWN,MIDDLESBROUGH,CLEVELAND	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0295 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: REVOKED - UNSPECIFIED Issue date: 25/05/1983 Effective Date: 25/05/1983 Revocation Date: 25/05/1985
P	259m W	SHELLUKOIL,LACKENBY,GRANGETOWN,MIDDLESBROUGH,CODURHAM	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/B/0294 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: REVOKED - UNSPECIFIED Issue date: 25/05/1983 Effective Date: 25/05/1983 Revocation Date: 14/05/1985
Q	330m W	BSC,CLEVELANDANDLACKENBYSITES,TEESPORT,REDCAR	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/1370 Permit Version: 2 Receiving Water: TEES ESTUARY	Status: REVOKED - UNSPECIFIED Issue date: 15/11/1994 Effective Date: 01/01/1995 Revocation Date: 31/03/1998
Q	330m W	BSC,CLEVELANDANDLACKENBYSITES,TEESPORT,REDCAR	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/1370 Permit Version: 3 Receiving Water: TEES ESTUARY	Status: REVOKED - UNSPECIFIED Issue date: 15/11/1994 Effective Date: 01/04/1998 Revocation Date: 28/04/1998

ID	Location	Address	Details	
Q	330m W	BSC,CLEVELANDANDLACKENBYSITES,TEESPORT,REDCAR	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/B/0319 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 29/01/1985 Effective Date: 29/01/1985 Revocation Date: 24/11/1986
Q	330m W	BSC,CLEVELANDANDLACKENBYSITES,TEESPORT,REDCAR	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/0398 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 24/11/1986 Effective Date: 24/11/1986 Revocation Date: 15/11/1994
Q	330m W	BSC,CLEVELANDANDLACKENBYSITES,TEESPORT,REDCAR	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/1370 Permit Version: 1 Receiving Water: TEES ESTUARY	Status: REVOKED - UNSPECIFIED Issue date: 15/11/1994 Effective Date: 15/11/1994 Revocation Date: 31/12/1994
Q	330m W	BSC,CLEVELANDANDLACKENBYSITES,TEESPORT,REDCAR	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/1370 Permit Version: 4 Receiving Water: TEES ESTUARY	Status: REVOKED - UNSPECIFIED Issue date: 15/11/1994 Effective Date: 29/04/1998 Revocation Date: 31/10/1998
42	361m W	TEESPORTCOMPOUND,HUNTSMANPETROCHEMICALS,TEESDOCKROAD,GRANGETOWN,MIDDLESBROUGH,TS66UE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: 25/04/1772 Permit Version: 1 Receiving Water: TEES ESTUARY	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 31/08/2004 Effective Date: 31/08/2004 Revocation Date: 06/03/2007
S	364m N	THEAMENITYBLOCK,THERIVERSIDERORORTERMINAL,BOULBYROAD,TEESPORT,MIDDLESBROUGH	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: QC.25/04/1579 Permit Version: 1 Receiving Water: LAND IN THE TEES CATCHMENT	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/04/1999 Effective Date: 28/04/1999 Revocation Date: 25/07/2012
S	364m N	THEAMENITYBLOCK,THERIVERSIDERORORTERMINAL,BOULBYROAD,TEESPORT,MIDDLESBROUGH	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: QC.25/04/1579 Permit Version: 2 Receiving Water: LAND IN THE TEES CATCHMENT	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 26/07/2012 Effective Date: 26/07/2012 Revocation Date: -

ID	Location	Address	Details	
43	376m N	THEENTRANCEFACILITY,RIVERSIDE ROROTERMINAL,BOULBYROAD,TEESPORT,MIDDLESBROUGH	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: QC.25/04/1578 Permit Version: 1 Receiving Water: LAND (RIVER TEES)	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 28/04/1999 Effective Date: 28/04/1999 Revocation Date: -
V	405m E	BOCLIMITED,TEESDOCKROAD,MIDDLESBOROUGH	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 254/1423 Permit Version: 1 Receiving Water: LAND	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 18/10/1995 Effective Date: 18/10/1995 Revocation Date: 25/07/2012
V	405m E	BOCLIMITED,TEESDOCKROAD,MIDDLESBOROUGH	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 254/1423 Permit Version: 2 Receiving Water: LAND	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 26/07/2012 Effective Date: 26/07/2012 Revocation Date: -
W	433m NE	TEESPORTREFINERY,GRANGETOWN,MIDDLESBROUGH,CODURHAM	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/B/0163 Permit Version: 1 Receiving Water: TIDAL WATERS OF TEES	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 03/11/1972 Effective Date: 03/11/1972 Revocation Date: 01/10/1996
W	433m NE	TEESPORTREFINERY,GRANGETOWN,MIDDLESBROUGH,CODURHAM	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0066 Permit Version: 1 Receiving Water: TIDAL WATERS OF TEES	Status: REVOKED - UNSPECIFIED Issue date: 18/03/1966 Effective Date: 18/03/1966 Revocation Date: 24/05/1983
W	433m NE	TEESPORTREFINERY,GRANGETOWN,MIDDLESBROUGH,CODURHAM	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0293 Permit Version: 1 Receiving Water: TIDAL WATERS TEES	Status: REVOKED - UNSPECIFIED Issue date: 25/05/1983 Effective Date: 25/05/1983 Revocation Date: 25/05/1985
W	433m NE	TEESPORTREFINERY,GRANGETOWN,MIDDLESBROUGH,CODURHAM	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0196 Permit Version: 1 Receiving Water: RIVER TEES	Status: REVOKED - UNSPECIFIED Issue date: 29/11/1974 Effective Date: 29/11/1974 Revocation Date: 24/05/1983

ID	Location	Address	Details	
W	433m NE	TEESPORTREFINERY,GRANGETOWN,MIDDLESBROUGH,CODURHAM	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0075 Permit Version: 1 Receiving Water: TIDAL WATERS KINKERDALE BECK	Status: REVOKED - UNSPECIFIED Issue date: 20/01/1967 Effective Date: 20/01/1967 Revocation Date: 24/05/1983
X	438m W	MONSANTOLTD,SEALSANDS	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/B/0317 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 29/01/1985 Effective Date: 29/01/1985 Revocation Date: 12/05/1994
X	438m W	MONSANTOLTD,SEALSANDS	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0318 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 29/01/1985 Effective Date: 29/01/1985 Revocation Date: 12/05/1994
46	438m W	TARMACROADSTONE,SOUTHBANK	Effluent Type: UNSPECIFIED Permit Number: 254/X/0645 Permit Version: 1 Receiving Water: TEES ESTUARY	Status: TRANSFERRED FROM COPA 1974 Issue date: 30/09/1987 Effective Date: 30/09/1987 Revocation Date: 30/10/1991
Y	447m S	TEESDOCKROADCSO,COALDEPOT,TEESDOCKROAD,MIDDLESBROUGH,TS66UE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/1812 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: REVOKED NEW CONSENT ISSUED (WATER ACT 1989 SECTION 113) Issue date: 21/02/2005 Effective Date: 21/02/2005 Revocation Date: 12/10/2006
Y	447m S	TEESDOCKROADCSO,COALDEPOT,TEESDOCKROAD,MIDDLESBROUGH,TS66UE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/1935 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 15/10/2006 Effective Date: 15/10/2006 Revocation Date: 31/03/2010
Y	447m S	TEESDOCKROADCSO,COALDEPOT,TEESDOCKROAD,MIDDLESBROUGH,TS66UE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/E/0112 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: REVOKED - UNSPECIFIED Issue date: 27/04/1956 Effective Date: 27/04/1956 Revocation Date: 21/02/2005
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - WATER COMPANY Permit Number: 254/B/0085 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 21/07/1967 Effective Date: 21/07/1967 Revocation Date: 29/05/1969

ID	Location	Address	Details	
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/B/0184 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 02/11/1973 Effective Date: 02/11/1973 Revocation Date: 26/11/1978
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 254/0433 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 23/02/1987 Effective Date: 23/02/1987 Revocation Date: 22/12/1992
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/B/0244 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 27/11/1978 Effective Date: 27/11/1978 Revocation Date: 10/05/1983
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/B/0085 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 21/07/1967 Effective Date: 21/07/1967 Revocation Date: 29/05/1969
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/B/0291 Permit Version: 1 Receiving Water: TEES	Status: REVOKED - UNSPECIFIED Issue date: 11/05/1983 Effective Date: 11/05/1983 Revocation Date: 22/02/1987
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/1199 Permit Version: 1 Receiving Water: TEES ESTUARY	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 22/12/1992 Effective Date: 22/12/1992 Revocation Date: 31/12/1994
AA	469m NW	SEALSANDS,BILLINGHAMONSEA,MIDDLESBROUGH	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/1199 Permit Version: 2 Receiving Water: TEES ESTUARY	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 22/12/1992 Effective Date: 01/01/1995 Revocation Date: 09/02/1995
AB	481m S	TEESDOCKRDSSO,GRANGETOWN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/1814 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 03/03/2005 Effective Date: 03/03/2005 Revocation Date: 12/10/2006

ID	Location	Address	Details	
AB	481m S	TEESDOCKRDSSO,GRANGETOWN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/0800 Permit Version: 1 Receiving Water: KINKERDALE BECK	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 21/09/1989 Effective Date: 21/09/1989 Revocation Date: 15/01/1991

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	1

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Name	Status	Receiving Water	Authorised Substances
24	82m NE	New List2 Network 12	Active	North Sea	Arsenic, Dichlorvos, Tributyltin, Triphenyltin, Atrazine & Simazine, Azinphos-methyl, Endosulphan, Fenitrothion, Malathion, Trifluralin, 4-Chloro-3-methyl-phenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,4-D(ester), 2,4-D(non-ester), 1,1,1-Trichloroethan

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	**4**

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 58 >**

ID	Location	Details	
12	**On site**	**Incident Date: 19/03/2002** **Incident Identification: 65029** **Pollutant: Oils and Fuel** **Pollutant Description: Diesel**	**Water Impact: Category 4 (No Impact)** **Land Impact: Category 3 (Minor)** **Air Impact: Category 4 (No Impact)**
F	54m NW	Incident Date: 20/05/2002 Incident Identification: 79921 Pollutant: Organic Chemicals/Products Pollutant Description: Hydrocarbons	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
40	273m W	Incident Date: 15/11/2021 Incident Identification: 2011006 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
45	430m S	Incident Date: 03/09/2008 Incident Identification: 617951 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 1 (Major) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	**1**

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on **page 58 >**

ID: N, Location: 215m E, Permit: UP3035JQ
Operator: Kemira Chemicals (UK) Limited
Activity: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS
Address: Kemira Teesport Cleveland TS6 7SA
Sector Chemicals, Sub-sector: Chemicals
Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Air	Carbon dioxide	10000000kg	Below Reporting Threshold

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m	**1**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on **page 58 >**

ID: N, Location: 215m E, Permit: UP3035JQ
Operator: Kemira Chemicals (UK) Limited
Activity: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS
Address: Kemira Teesport Cleveland TS6 7SA
Sector Chemicals, Sub-sector: Chemicals
Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D8	Biological treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numbers D1 to D12	1284	Absolute Value	07 01 01	aqueous washing liquids and mother liquors	Yes

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	17	Absolute Value	07 07 08	other still bottoms and reaction residues	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	9	Absolute Value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	159	Absolute Value	16 03 03	inorganic wastes containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	5	Absolute Value	15 01 02	plastic packaging	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	12	Absolute Value	17 04 07	mixed metals	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	2	Absolute Value	17 02 01	wood	No
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	1	Absolute Value	20 03 01	mixed municipal waste	No
R1	Use principally as a fuel or other means to generate energy	11	Absolute Value	20 03 01	mixed municipal waste	No

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory radioactive waste

Records within 500m	**1**

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

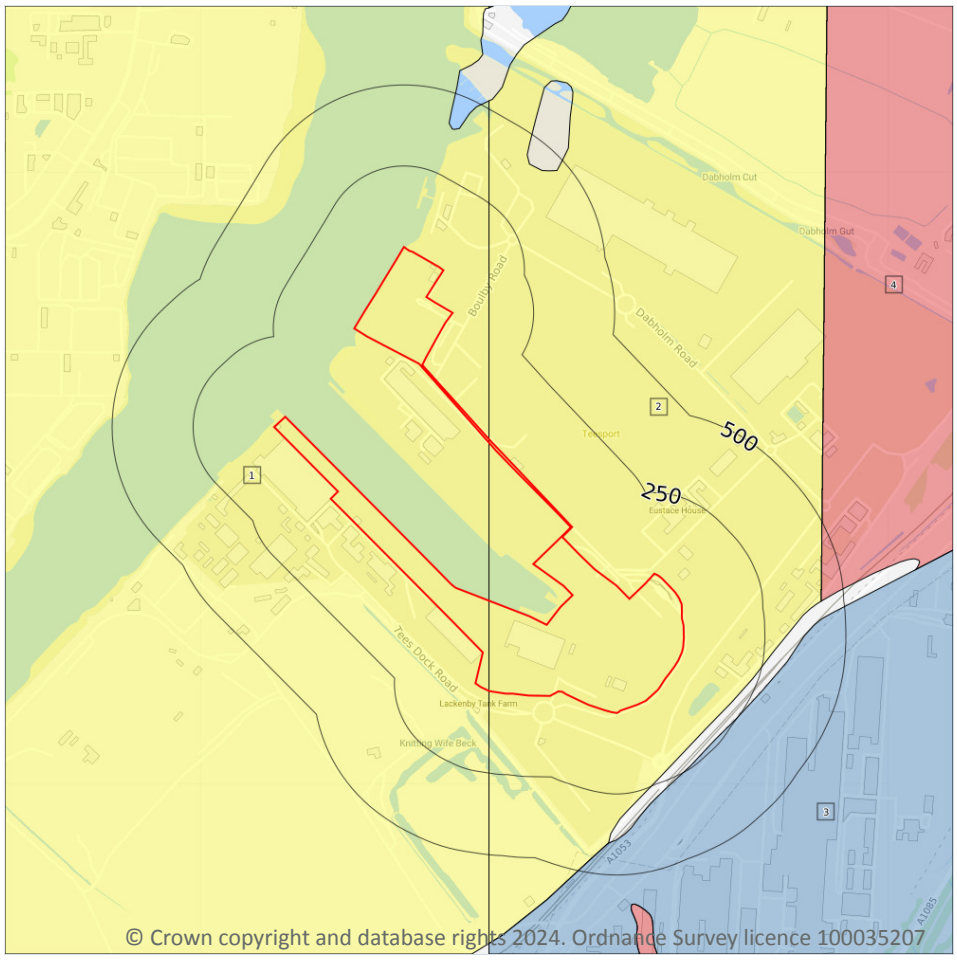
Features are displayed on the Current industrial land use map on **page 58 >**

ID: J, Location: 155m W, Permit: PB3438
Operator: NORTHUMBRIAN WATER LTD
Address: BRAN SANDS TEES DOCK ROAD MIDDLESBROUGH CLEVELAND TS6 6UE
Releases:

Route	Substance	Quantity released
Controlled Waters	Total Alpha	12.61MBq -
Controlled Waters	Total Beta/Gamma (Excl Tritium)	17.73MBq -

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive
- Unknown

5.1 Superficial aquifer

Records within 500m	4

Aquifer status of groundwater held within superficial geology.

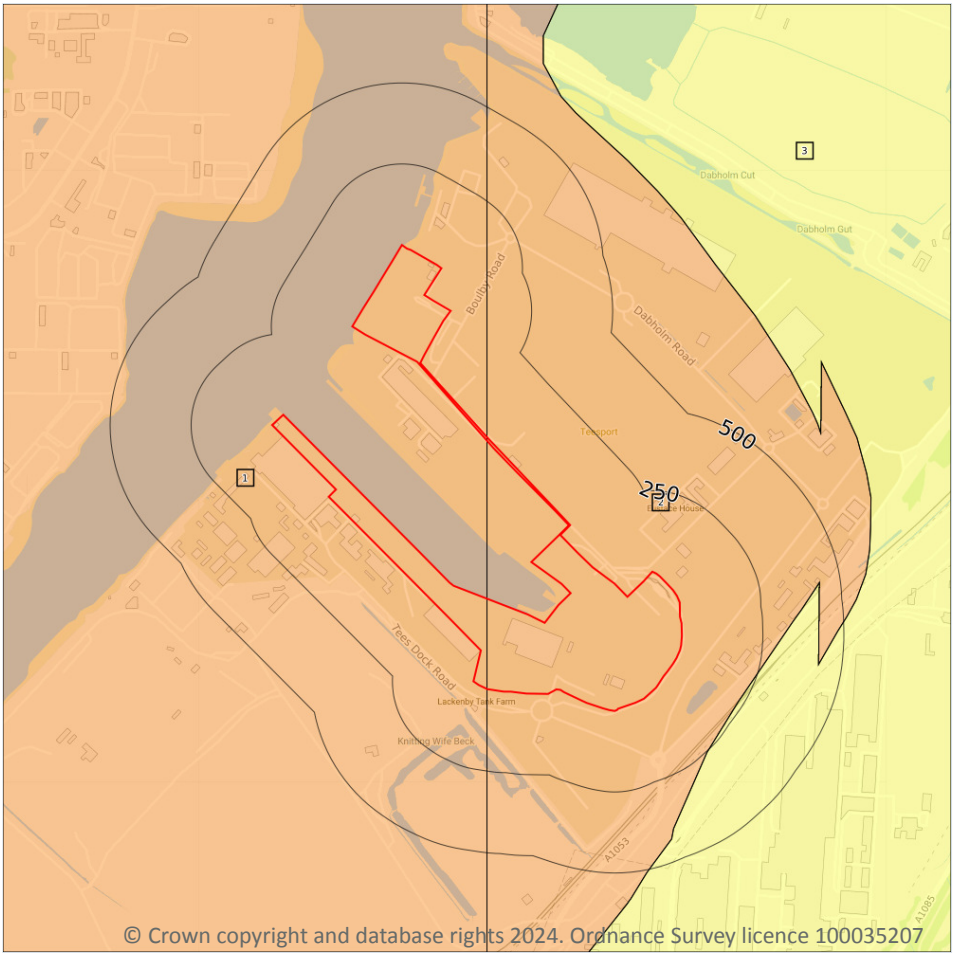
Features are displayed on the Hydrogeology map on **page 86 >**

ID	Location	Designation	Description
1	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
2	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	234m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	430m E	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m	3

Aquifer status of groundwater held within bedrock geology.

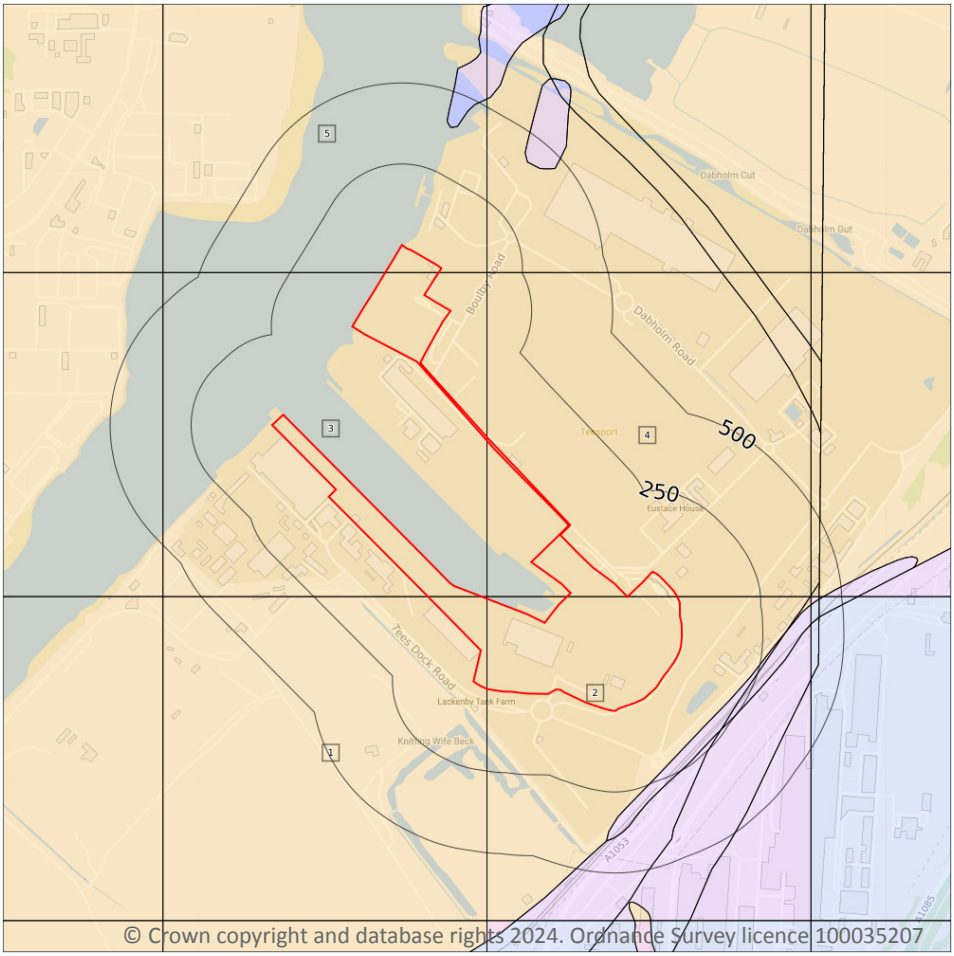
Features are displayed on the Bedrock aquifer map on **page 88 >**

ID	Location	Designation	Description
1	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
2	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers

ID	Location	Designation	Description
3	233m SE	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability
- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability
- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information
- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	5

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 90 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

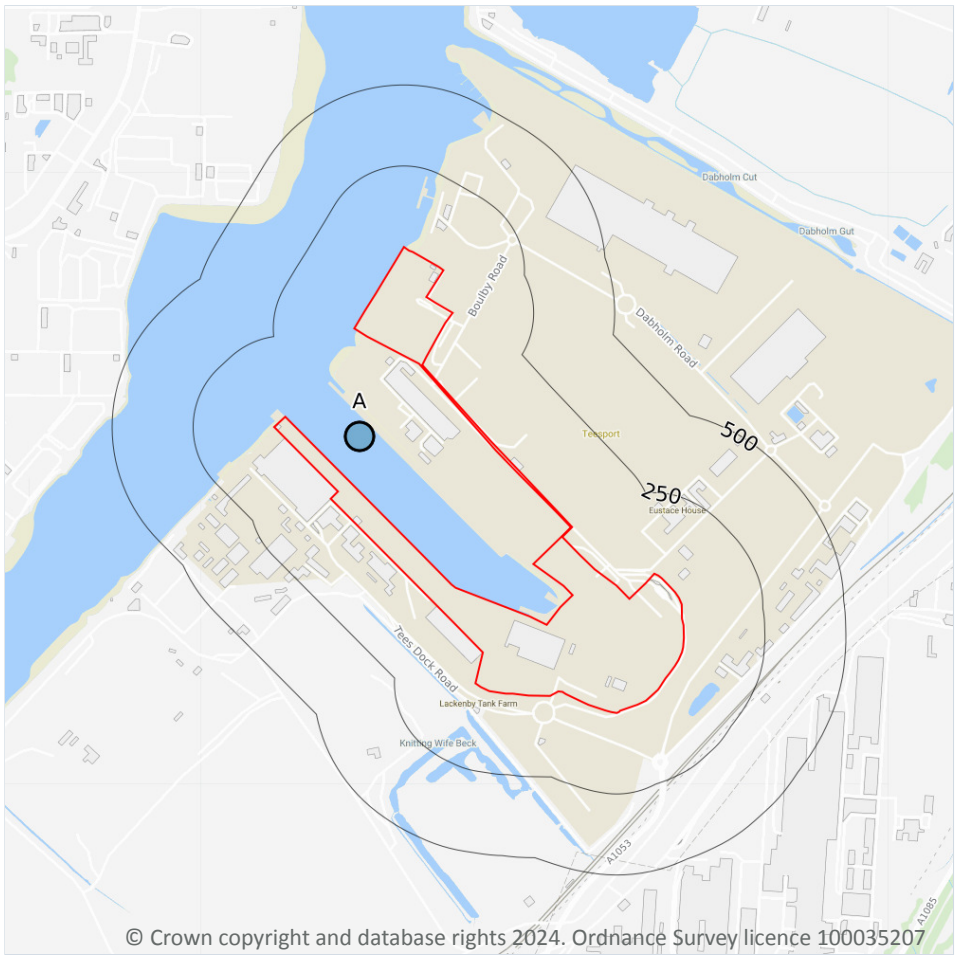
5.5 Groundwater vulnerability- local information

Records on site	0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



Site Outline

Search buffers in metres (m)

- Source Protection Zone 1 — Inner catchment
- Source Protection Zone 2 — Outer catchment
- Source Protection Zone 3 — Total catchment
- Source Protection Zone 4 — Zone of Special Interest
- Source Protection Zone 1c — Inner catchment - confined aquifer
- Source Protection Zone 2c — Outer catchment - confined aquifer
- Source Protection Zone 3c — Total catchment - confined aquifer
- Drinking water abstraction licences
- Drinking water abstraction licences — Polygon features
- Drinking water abstraction licences — Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m	0

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	4

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 93 >**

ID	Location	Details	
A	119m NW	Status: Historical Licence No: 1/25/04/123 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER TEES Data Type: Point Name: TEES BULK HANDLING LTD Easting: 454600 Northing: 523500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 31/05/1973 Expiry Date: - Issue No: 100 Version Start Date: 31/07/1974 Version End Date: -
A	119m NW	Status: Historical Licence No: 1/25/04/123 Details: Dust suppression Direct Source: SURFACE WATER Point: RIVER TEES Data Type: Point Name: TEES BULK HANDLING LTD Easting: 454600 Northing: 523500	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 31/05/1973 Expiry Date: - Issue No: 100 Version Start Date: 31/07/1974 Version End Date: -
-	1815m N	Status: Historical Licence No: 1/25/04/135 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER TEES ESTUARY Data Type: Point Name: BRITISH STEEL PLC Easting: 454700 Northing: 525900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 19/05/1975 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -

ID	Location	Details	
-	1815m N	Status: Historical Licence No: 1/25/04/135 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: SURFACE WATER Point: RIVER TEES ESTUARY Data Type: Point Name: CORUS UK LTD Easting: 454700 Northing: 525900	Annual Volume (m^3): 263832000 Max Daily Volume (m^3): 722828 Original Application No: - Original Start Date: 19/05/1975 Expiry Date: - Issue No: 101 Version Start Date: 17/04/2000 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

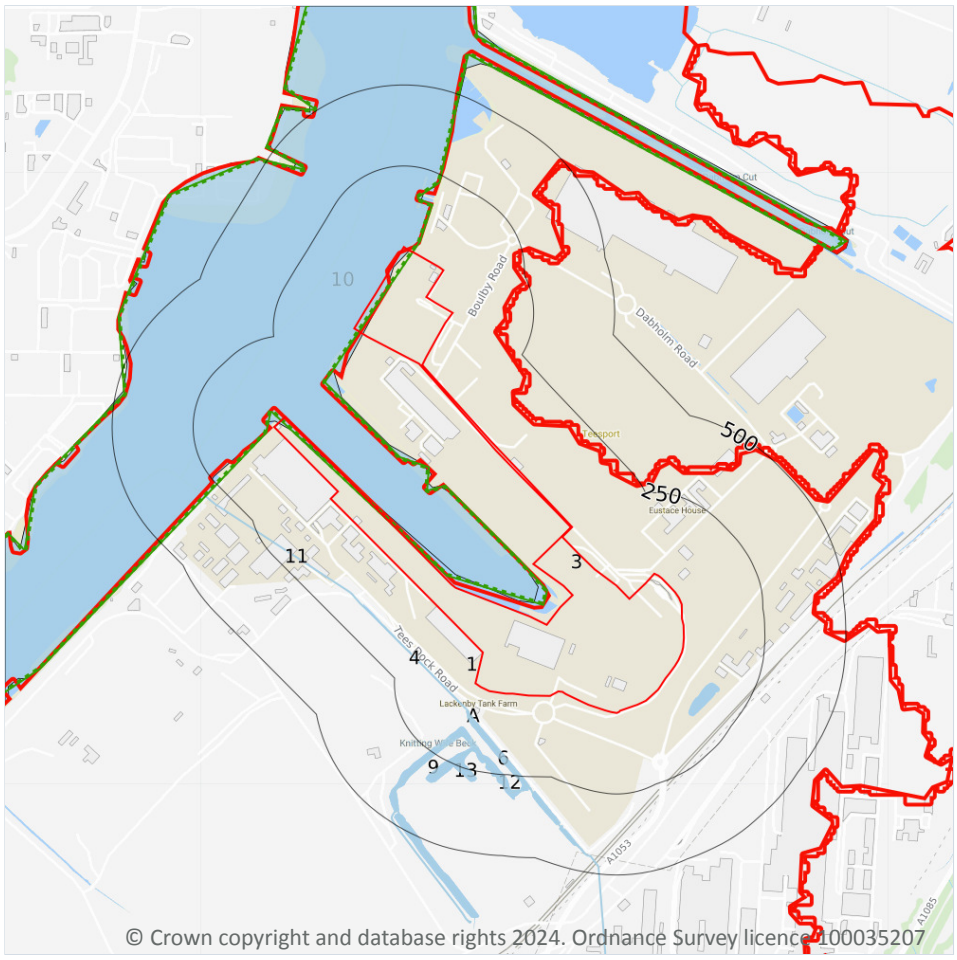
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



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Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m	9

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 96 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
4	76m S	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Knitting Wife Beck

ID	Location	Type of water feature	Ground level	Permanence	Name
A	79m S	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Knitting Wife Beck
A	81m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Knitting Wife Beck
6	82m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Knitting Wife Beck
9	154m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	Knitting Wife Beck
10	157m NW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Tees
11	161m W	Tidal river or stream.	Underground	Watercourse contains water year round (in normal circumstances)	Knitting Wife Beck
12	180m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	Knitting Wife Beck
13	180m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**2**

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 96 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 96 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	**On site**	**Coastal Catchment**	**Not part of a river WB catchment**	**10**	**Tees Lower and Estuary**	**Tees**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 96 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	**On site**	**Transi**	**TEES**	**GB510302509900 ↗**	**Moderate**	**Fail**	**Moderate**	**2019**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1

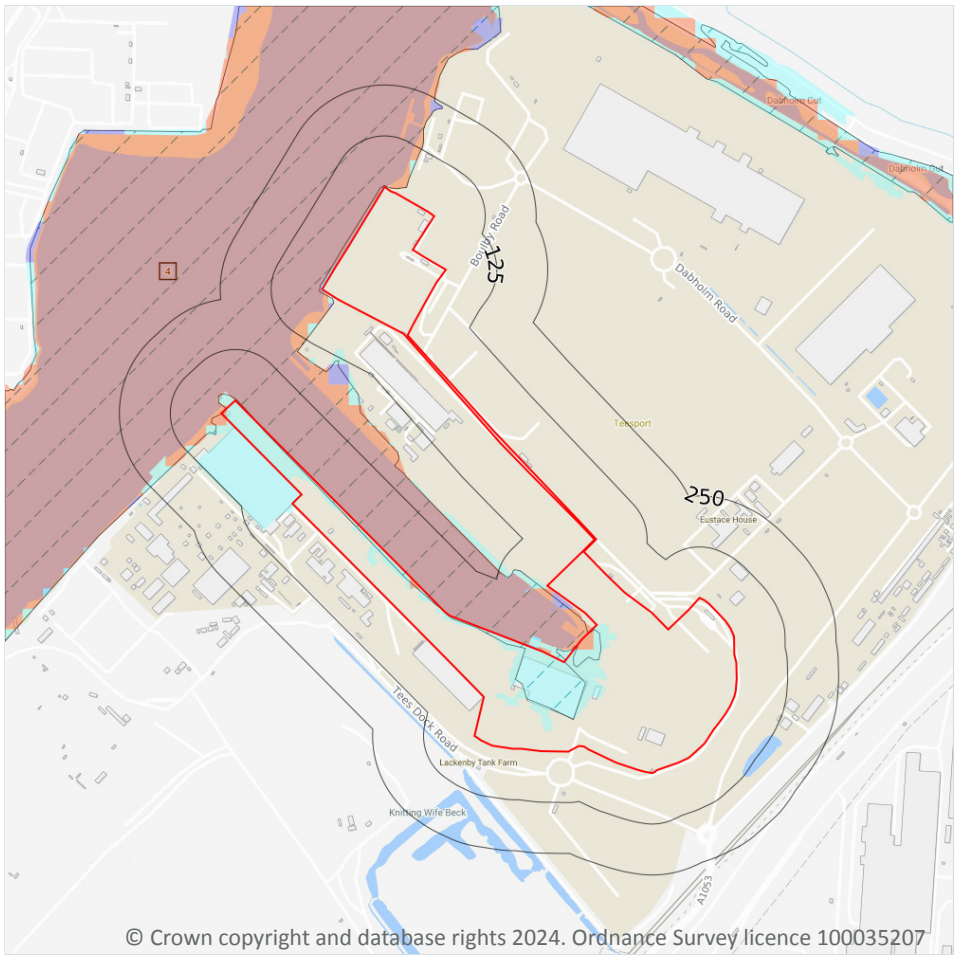
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 96 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
3	**On site**	**Tees Mercia Mudstone & Redcar Mudstone**	**GB40302G701300** ↗	**Poor**	**Poor**	**Good**	**2019**

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

River and coastal flooding:

- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m	11

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 100 >**

Distance	Flood risk category
On site	**High**
0 - 50m	High

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	**1**

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

Features are displayed on the River and coastal flooding map on **page 100 >**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
4	**On site**	**Tees Estuary, Including Port Clarence**	**2013-12-05 2013-12-06**	**Sea**	**Operational failure/breach of defence**	**Tidal**

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	**0**

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	**0**

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

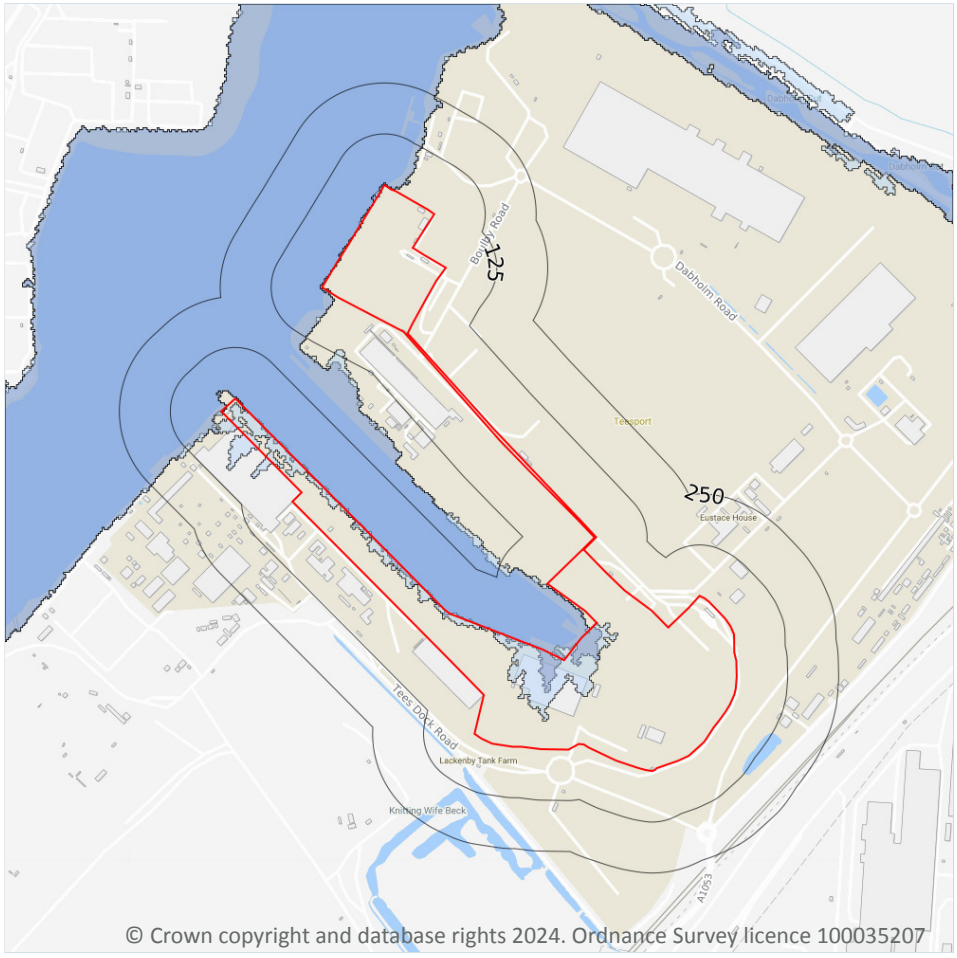
7.5 Flood Storage Areas

Records within 250m	0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on **page 100 >**

Location	Type
On site	**Zone 2 - (Fluvial /Tidal Models)**

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m	1

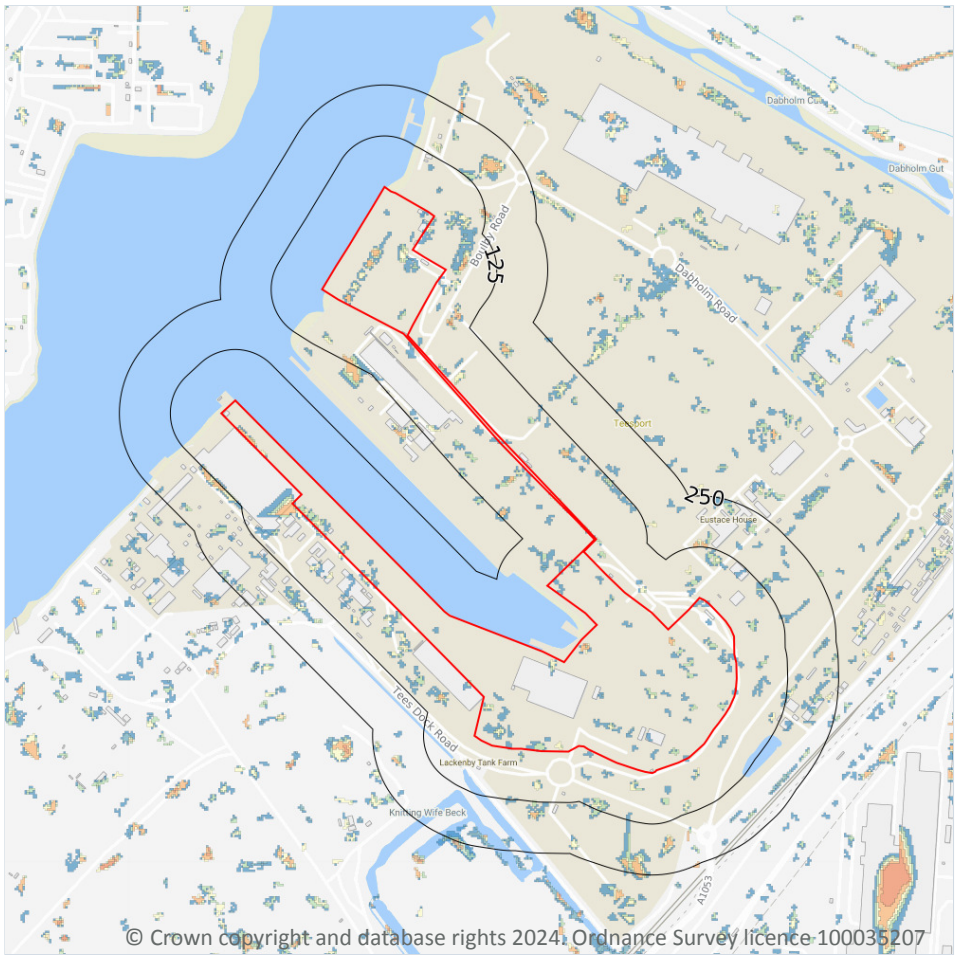
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 100 >**

Location	Type
On site	**Zone 3 - (Fluvial Models)**

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



Site Outline
Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 30 year, 0.3m - 1.0m**
Highest risk within 50m	**1 in 30 year, 0.3m - 1.0m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 105 >**

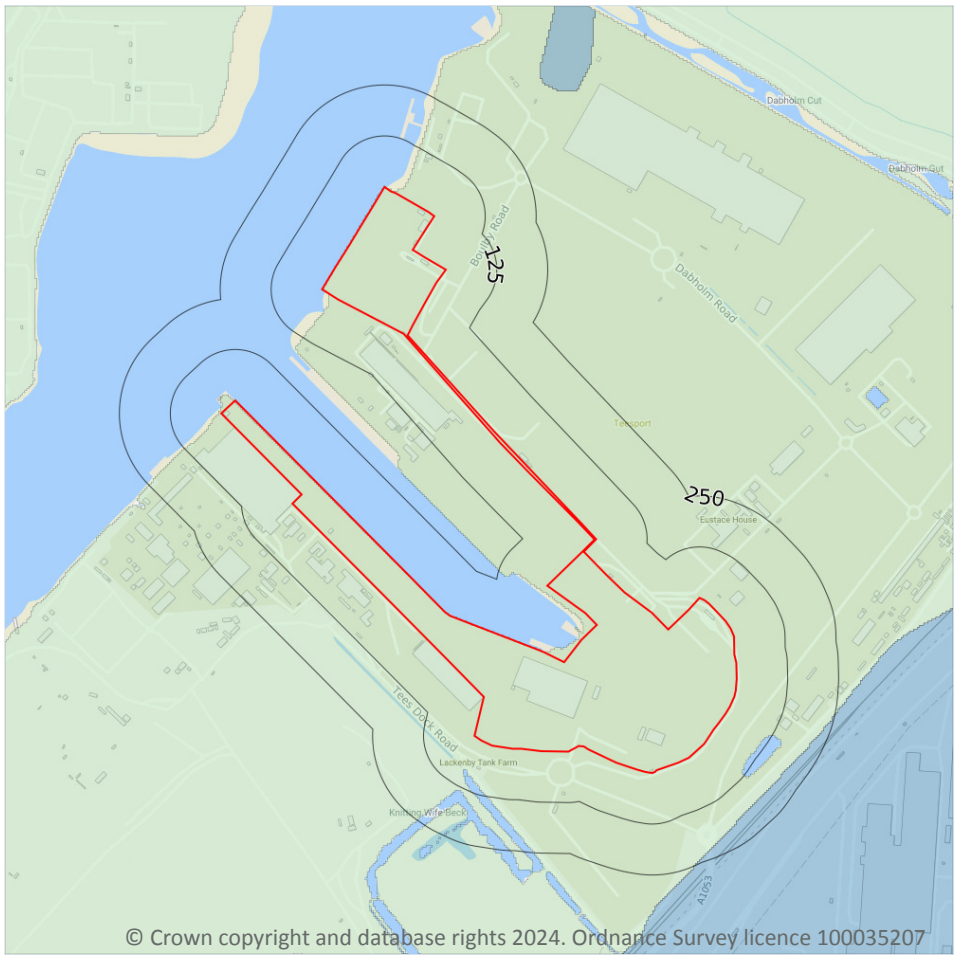
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

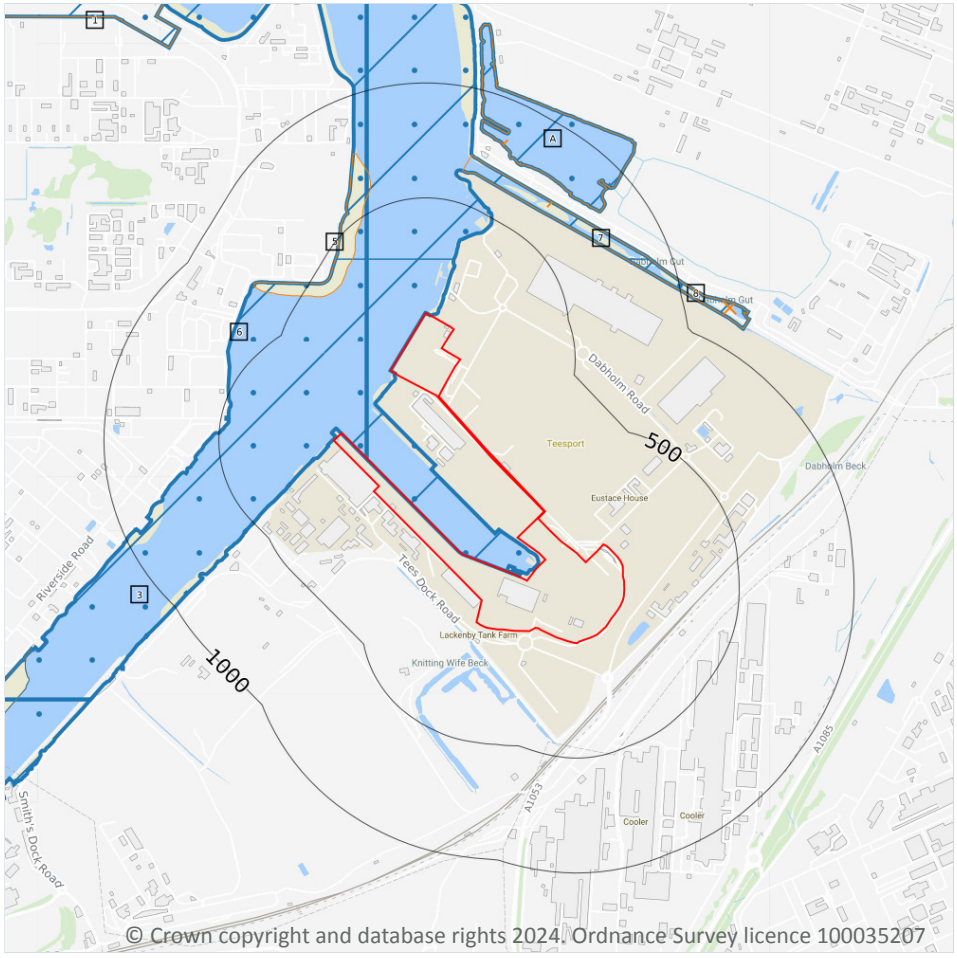
Highest risk on site	**Low**
Highest risk within 50m	**Low**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 107 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



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Site Outline

Search buffers in metres (m)

- Sites of Special Scientific Interest (SSSI)
- Conserved wetland sites (Ramsar sites)
- Special Protection Areas (SPA)
- National Nature Reserves (NNR)
- Proposed Ramsar sites

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	4

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 108 >**

ID	Location	Name	Data source
1	**On site**	**Teesmouth and Cleveland Coast**	**Natural England**

ID	Location	Name	Data source
2	**On site**	**Teesmouth and Cleveland Coast**	**Natural England**
A	763m N	Teesmouth and Cleveland Coast	Natural England
9	1530m W	Teesmouth and Cleveland Coast	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	**2**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

Features are displayed on the Environmental designations map on **page 108 >**

ID	Location	Site	Details
B	1597m W	Name: Teesmouth and Cleveland Coast Site status: Listed Data source: Natural England	Overview: Medium-large site encompassing a range of habitats (sand and mudflats, rocky shore, saltmarsh, freshwater marsh and sand dunes) on and around an estuary which has been much-modified by human activities. Together these habitats support internationally important numbers of waterbirds. Ramsar criteria: -
-	1759m NW	Name: Teesmouth and Cleveland Coast Site status: Listed Data source: Natural England	Overview: Medium-large site encompassing a range of habitats (sand and mudflats, rocky shore, saltmarsh, freshwater marsh and sand dunes) on and around an estuary which has been much-modified by human activities. Together these habitats support internationally important numbers of waterbirds. Ramsar criteria: -

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	5

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

Features are displayed on the Environmental designations map on **page 108 >**

ID	Location	Name	Species of interest	Habitat description	Data source
3	**On site**	**Teesmouth and Cleveland Coast**	**Pied avocet; Red knot; Ruff; Common redshank; Sandwich tern; Common tern; Little tern**	**Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Shingle, Sea cliffs, Islets**	**Natural England**
4	233m N	Teesmouth and Cleveland Coast	Pied avocet; Red knot; Ruff; Common redshank; Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Shingle, Sea cliffs, Islets	Natural England
6	622m NW	Teesmouth and Cleveland Coast	Pied avocet; Red knot; Ruff; Common redshank; Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Shingle, Sea cliffs, Islets	Natural England

ID	Location	Name	Species of interest	Habitat description	Data source
A	763m N	Teesmouth and Cleveland Coast	Pied avocet; Red knot; Ruff; Common redshank; Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Shingle, Sea cliffs, Islets	Natural England
8	809m NE	Teesmouth and Cleveland Coast	Pied avocet; Red knot; Ruff; Common redshank; Sandwich tern; Common tern; Little tern	Marine areas, Sea inlets; Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes; Coastal sand dunes, Sand beaches, Machair; Bogs, Marshes, Water fringed vegetation, Fens; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Shingle, Sea cliffs, Islets	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	**1**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

Features are displayed on the Environmental designations map on **page 108 >**

ID	Location	Name	Data source
-	1758m NW	Teesmouth	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	**0**

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	6

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

Features are displayed on the Environmental designations map on **page 108 >**

ID	Location	Name	Status
5	379m NW	Teesmouth and Cleveland Coast	Proposed
7	632m N	Teesmouth and Cleveland Coast	Proposed
A	763m N	Teesmouth and Cleveland Coast	Proposed
B	1597m W	Teesmouth and Cleveland Coast	Proposed
C	1606m NW	Teesmouth and Cleveland Coast	Proposed
-	1909m N	Teesmouth and Cleveland Coast	Proposed

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

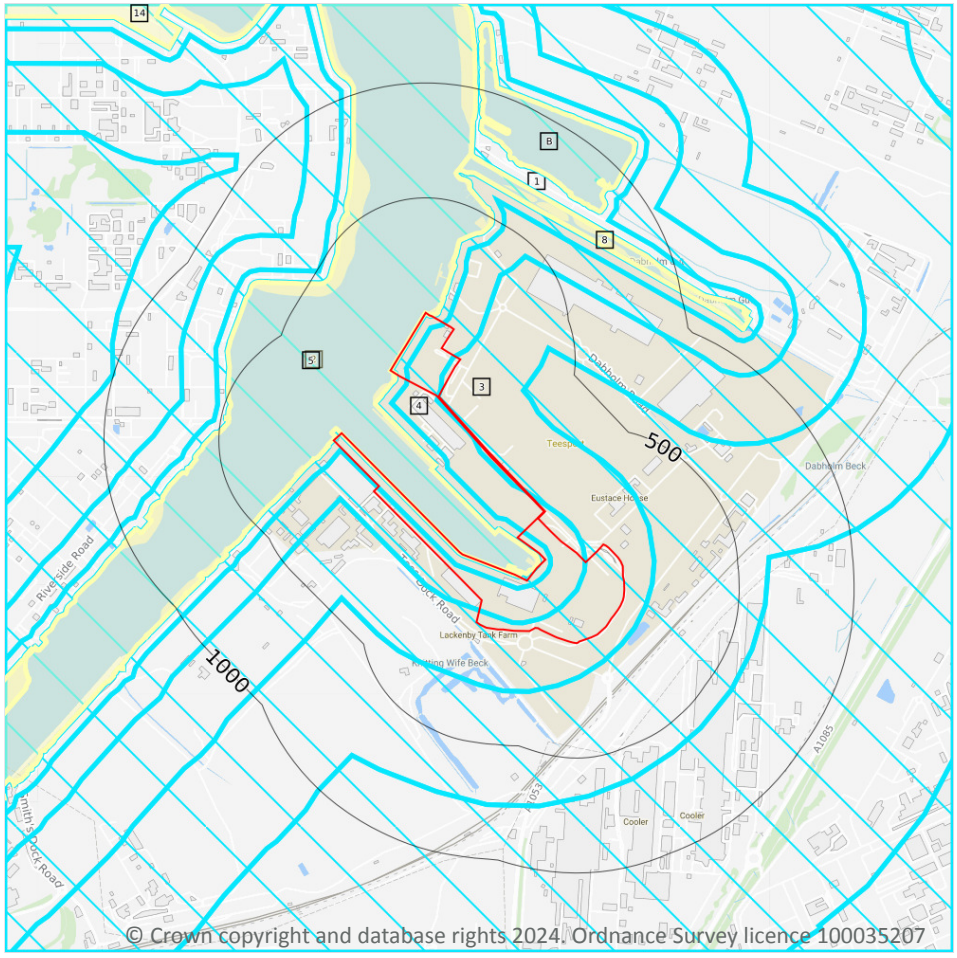
10.16 Nitrate Vulnerable Zones

Records within 2000m	0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



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Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site	4

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 115 >**

ID	Location	Type of developments requiring consultation
1	On site	**All applications - ALL PLANNING APPLICATIONS - EXCEPT HOUSEHOLDER APPLICATIONS.** **Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.**
2	On site	**All applications - ALL PLANNING APPLICATIONS.**
3	On site	**All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures.** **Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals.** **Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.** **Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.** **Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.** **Residential - Residential development of 50 units or more.** **Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units.** **Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores).** **Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.** **Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management.** **Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.** **Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream.** **Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .** **Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.**

ID	Location	Type of developments requiring consultation
4	On site	**All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha. Residential - Residential development of 10 units or more. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply . Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements.NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	8

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on **page 115 >**

ID: 5
Location: On site
SSSI name: Teesmouth and Cleveland Coast
Unit name: River Tees
Broad habitat: Rivers And Streams
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	01/01/1900
Aggregations of breeding birds - Common tern, Sterna hirundo	-	-
Aggregations of breeding birds - Little tern, Sterna albifrons	-	-
Aggregations of non-breeding birds - Redshank, Tringa totanus	-	-
Aggregations of non-breeding birds - Sandwich tern, Sterna sandvicensis	-	-
Common seal, Phoca vitulina	-	-
Little tern, Sterna albifrons - A195, b	-	-
Redshank, Tringa totanus - A162, nb	-	-
Sandwich tern, Thalasseus sandvicensis - A191, nb	-	-
Waterbird assemblage	-	-

ID: 8
Location: 632m N
SSSI name: Teesmouth and Cleveland Coast
Unit name: Bran Sands Lagoon And Dabholme Gut
Broad habitat: Littoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	01/01/1900
Aggregations of breeding birds - Common tern, Sterna hirundo	-	-
Aggregations of non-breeding birds - Gadwall, Mareca strepera	-	-
Aggregations of non-breeding birds - Redshank, Tringa totanus	-	-
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	-	-

ID: B
Location: 763m N
SSSI name: Teesmouth and Cleveland Coast
Unit name: Bran Sands Lagoon And Dabholme Gut
Broad habitat: Littoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	01/01/1900
Aggregations of breeding birds - Common tern, Sterna hirundo	-	-
Aggregations of non-breeding birds - Gadwall, Mareca strepera	-	-
Aggregations of non-breeding birds - Redshank, Tringa totanus	-	-
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	-	-

ID: 13
Location: 1597m W
SSSI name: Teesmouth and Cleveland Coast
Unit name: North Tees Mudflat
Broad habitat: Littoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	01/01/1900
Aggregations of non-breeding birds - Redshank, Tringa totanus	-	-
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	-	-
Waterbird assemblage	-	-

ID: 14
Location: 1606m NW
SSSI name: Teesmouth and Cleveland Coast
Unit name: Emergency Access Road
Broad habitat: Supralittoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	01/01/1900
Waterbird assemblage	-	-

ID: -
Location: 1765m NW
SSSI name: Teesmouth and Cleveland Coast
Unit name: Seal Sands Peninsula
Broad habitat: Littoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	01/01/1900
Fixed dune grassland	-	-
SM4-28 - Saltmarsh	-	-
Sand dune; strandline, embryo and mobile dunes (SD1-6)	-	-
Waterbird assemblage	-	-

ID: -
Location: 1849m NW
SSSI name: Teesmouth and Cleveland Coast
Unit name: Seal Sands
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	15/03/2018
Aggregations of breeding birds - Avocet, Recurvirostra avosetta	Favourable	15/03/2018
Aggregations of breeding birds - Common tern, Sterna hirundo	Favourable	15/03/2018
Aggregations of breeding birds - Little tern, Sterna albifrons	Favourable	15/03/2018
Aggregations of non-breeding birds - Knot, Calidris canutus	Unfavourable - Declining	15/03/2018
Aggregations of non-breeding birds - Redshank, Tringa totanus	Favourable	15/03/2018
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Favourable	15/03/2018

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Sandwich tern, Sterna sandvicensis	Unfavourable - Declining	15/03/2018
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Unfavourable - Declining	15/03/2018
Common seal, Phoca vitulina	Favourable	15/03/2018
Knot, Calidris canutus - A143, nb	Unfavourable - Declining	15/03/2018
Little tern, Sterna albifrons - A195, b	Favourable	15/03/2018
Redshank, Tringa totanus - A162, nb	Favourable	15/03/2018
Sandwich tern, Thalasseus sandvicensis - A191, nb	Unfavourable - Declining	15/03/2018
Waterbird assemblage	Favourable	15/03/2018

ID: -
Location: 1909m N
SSSI name: Teesmouth and Cleveland Coast
Unit name: Bran Sands
Broad habitat: Littoral Sediment
Condition: Unfavourable - Declining
Reportable features:

Feature name	Feature condition	Date of assessment
>20,000 Non-breeding waterbirds	Favourable	15/03/2018
Aggregations of breeding birds - Common tern, Sterna hirundo	Favourable	15/03/2018
Aggregations of non-breeding birds - Knot, Calidris canutus	Unfavourable - Declining	15/03/2018
Aggregations of non-breeding birds - Redshank, Tringa totanus	Favourable	15/03/2018
Aggregations of non-breeding birds - Ringed plover, Charadrius hiaticula	Unfavourable - Declining	15/03/2018
Aggregations of non-breeding birds - Sanderling, Calidris alba	Unfavourable - Declining	15/03/2018
Aggregations of non-breeding birds - Sandwich tern, Sterna sandvicensis	Unfavourable - Declining	15/03/2018
Fixed dune grassland	Favourable	15/03/2018
Knot, Calidris canutus - A143, nb	Unfavourable - Declining	15/03/2018
Redshank, Tringa totanus - A162, nb	Favourable	15/03/2018
Sand dune; strandline, embryo and mobile dunes (SD1-6)	Favourable	15/03/2018
Sandwich tern, Thalasseus sandvicensis - A191, nb	Unfavourable - Declining	15/03/2018
Waterbird assemblage	Favourable	15/03/2018

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

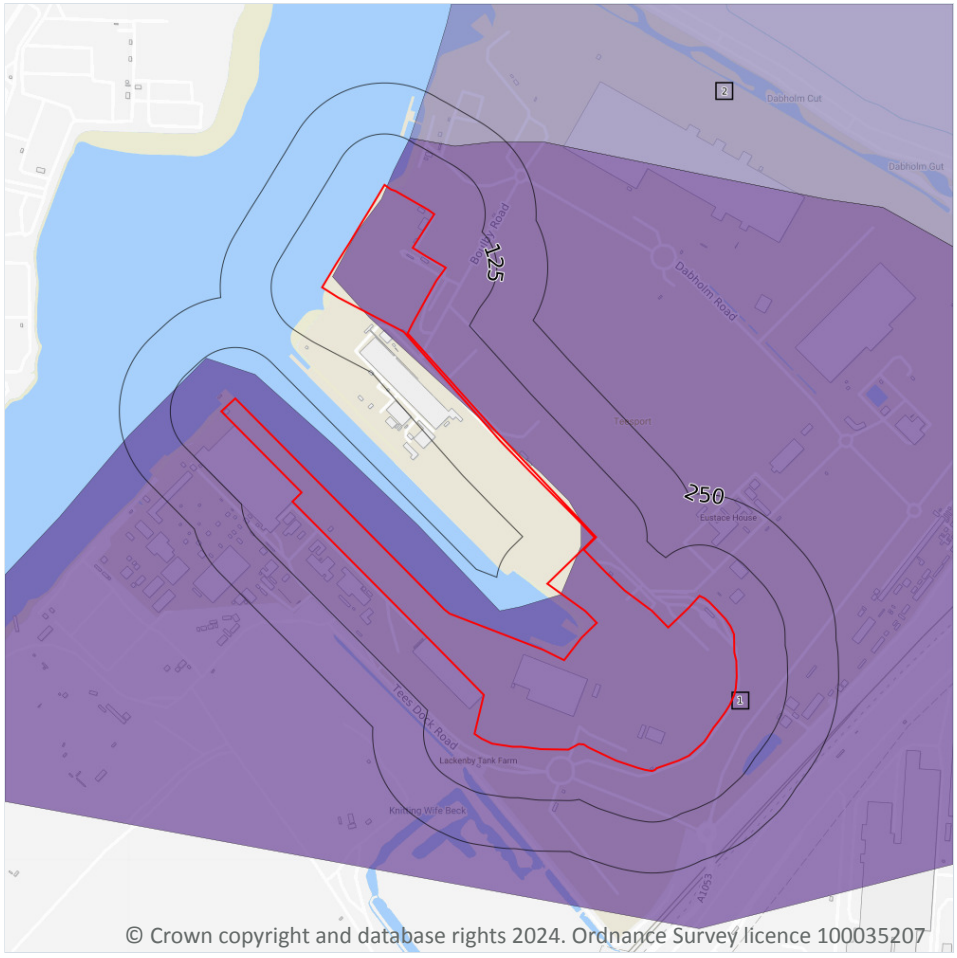
11.7 Registered Parks and Gardens

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



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Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	2

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 125 >**

ID	Location	Classification	Description
1	**On site**	**Urban**	**Non-agricultural/no quality assigned**
2	131m N	Non Agricultural	Non-agricultural/no quality assigned

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

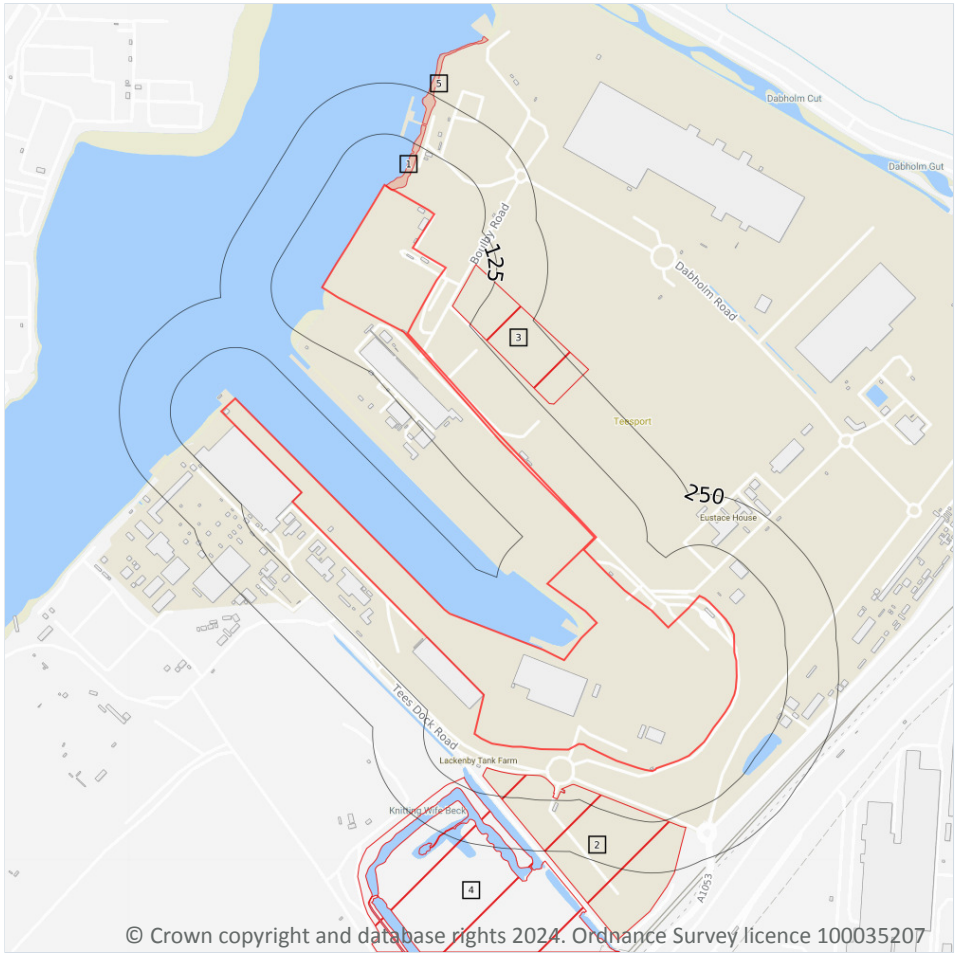
12.5 Countryside Stewardship Schemes

Records within 250m	0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations



Site Outline

Search buffers in metres (m)

Priority Habitat Inventory
Open Mosaic Habitat
Limestone Pavement Orders

Habitat Networks
Primary Habitat
Restorable Habitat
Associated Habitats
Habitat Restoration-Creation
Network Enhancement Zone 1
Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m	2

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 127 >**

ID	Location	Main Habitat	Other habitats
1	1m N	Mudflats	Main habitat: MUDFL (INV > 50%)
5	178m N	No main habitat but additional habitats present	Additional: MUDFL (INV 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	3

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

Features are displayed on the Habitat designations map on **page 127 >**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
2	60m S	NLUD Ref: 73100040; HLD_refs: EAHLD05491	Low	National Land Use Database - Previously Developed Land	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography
3	61m N	NLUD Ref: 73100010	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	-
4	104m S	NLUD Ref: 73100040; HLD_refs: EAHLD05491	Low	National Land Use Database - Previously Developed Land	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

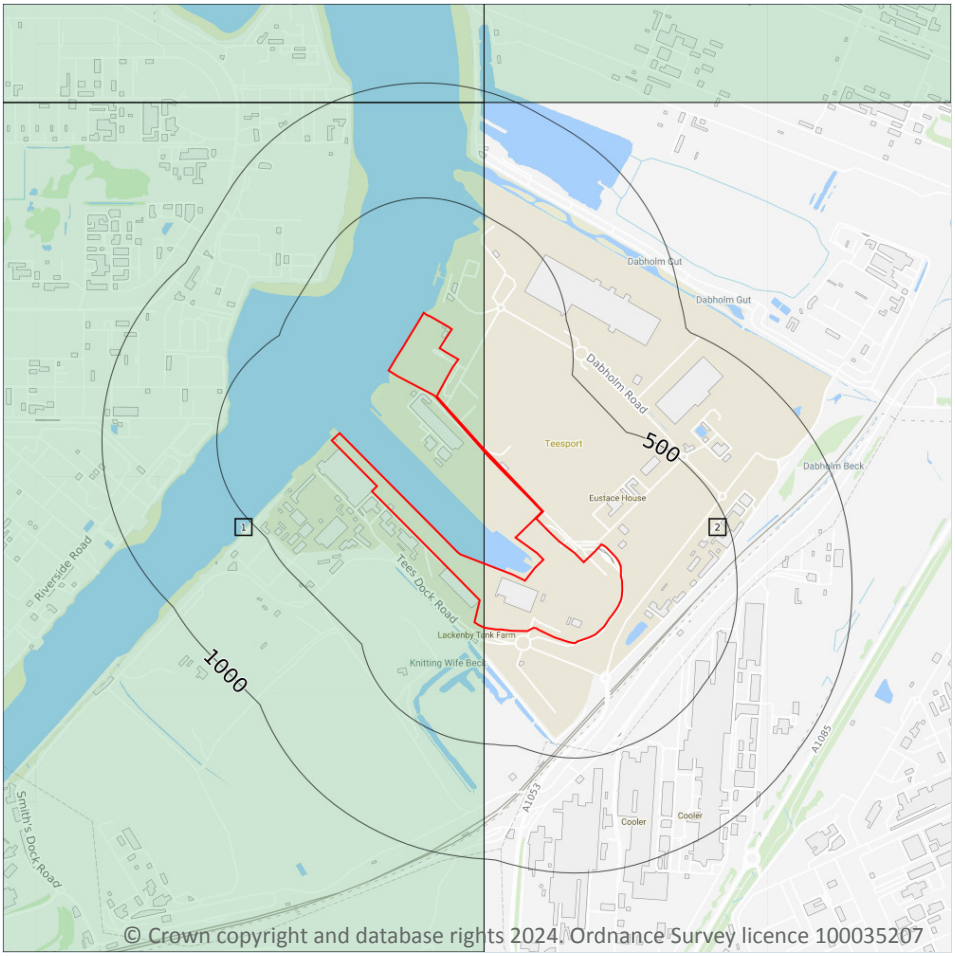
Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to

remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



Site Outline

Search buffers in metres (m)

Full coverage

Partial coverage

No coverage

14.1 10k Availability

Records within 500m	2

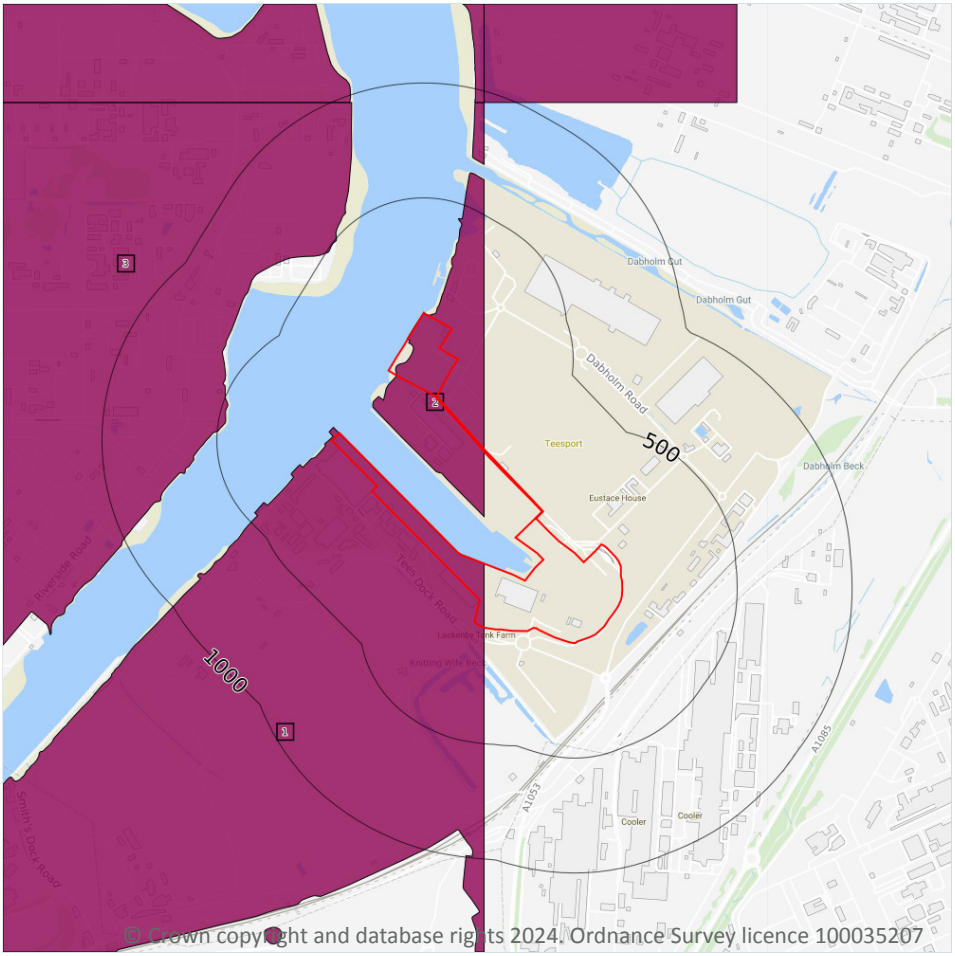
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 130 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**NZ52SW**
2	**On site**	**No coverage**	**No coverage**	**No coverage**	**No coverage**	**NoCov**

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m	3

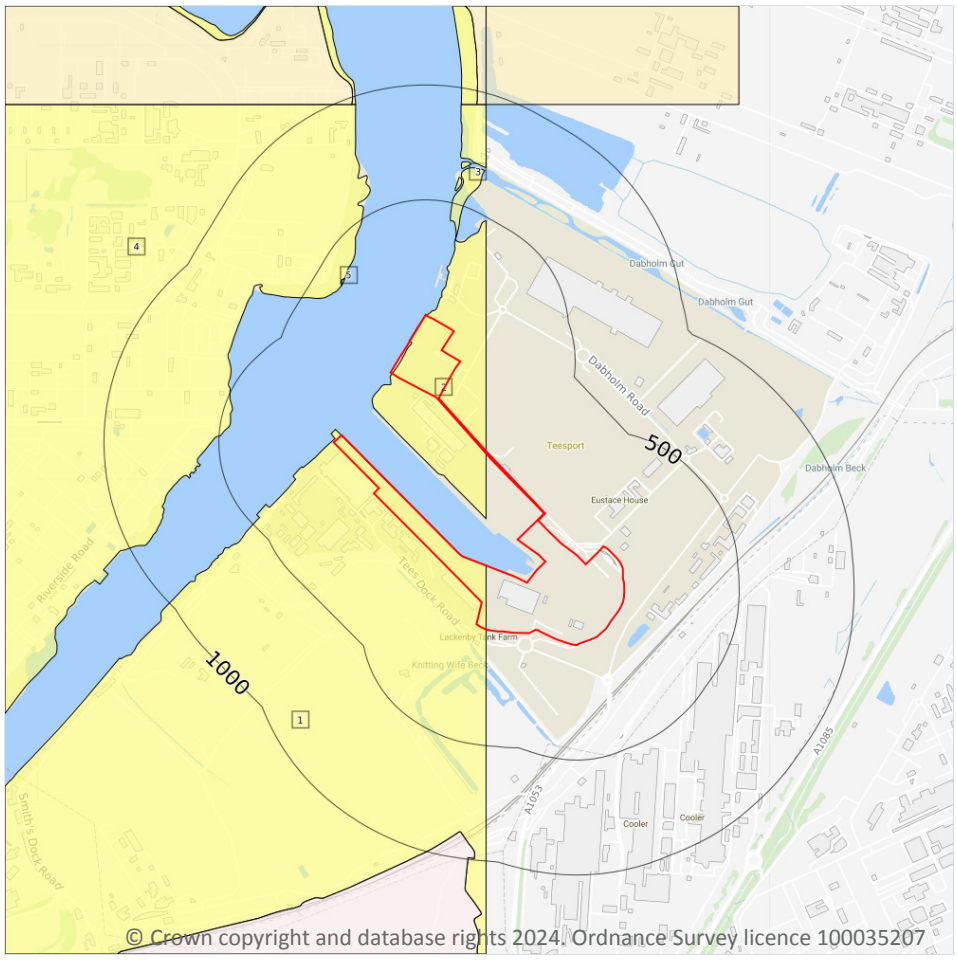
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 131 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
2	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
3	469m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m	5

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 132 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**TFD-XSZC**	**Tidal Flat Deposits - Sand, Silt And Clay**	**Sand, Silt And Clay**
2	**On site**	**TFD-XSZC**	**Tidal Flat Deposits - Sand, Silt And Clay**	**Sand, Silt And Clay**
3	357m N	TFD-XSZC	Tidal Flat Deposits - Sand, Silt And Clay	Sand, Silt And Clay
4	380m NW	TFD-XSZC	Tidal Flat Deposits - Sand, Silt And Clay	Sand, Silt And Clay

ID	Location	LEX Code	Description	Rock description
5	380m NW	TFD-XSZC	Tidal Flat Deposits - Sand, Silt And Clay	Sand, Silt And Clay

This data is sourced from the British Geological Survey.

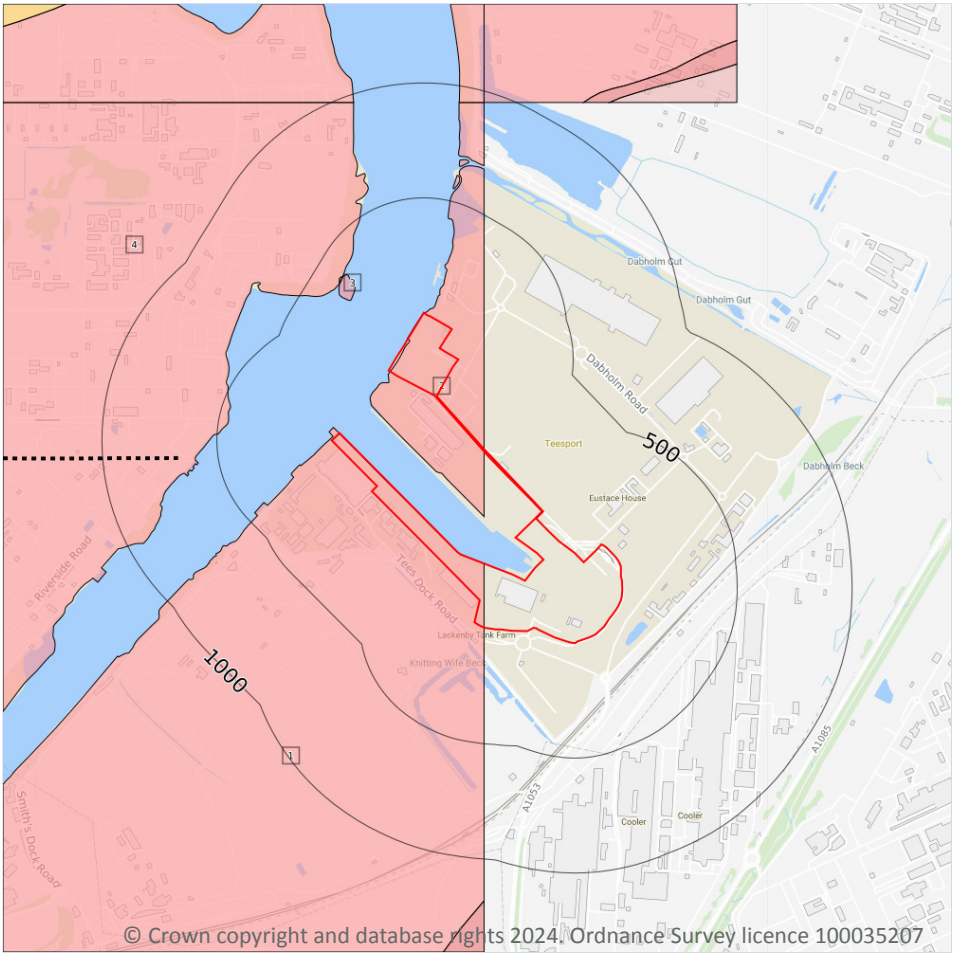
14.4 Landslip (10k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m	5

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 134 >**

ID	Location	LEX Code	Description	Rock age
1	On site	MMG-MDSS	Mercia Mudstone Group - Mudstone, Siltstone And Sandstone	Rhaetian Age - Early Triassic Epoch
2	On site	MMG-MDSS	Mercia Mudstone Group - Mudstone, Siltstone And Sandstone	Rhaetian Age - Early Triassic Epoch

ID	Location	LEX Code	Description	Rock age
3	299m NW	MMG-MDSS	Mercia Mudstone Group - Mudstone, Siltstone And Sandstone	Rhaetian Age - Early Triassic Epoch
4	380m NW	MMG-MDSS	Mercia Mudstone Group - Mudstone, Siltstone And Sandstone	Rhaetian Age - Early Triassic Epoch
5	380m NW	MMG-MDSS	Mercia Mudstone Group - Mudstone, Siltstone And Sandstone	Rhaetian Age - Early Triassic Epoch

This data is sourced from the British Geological Survey.

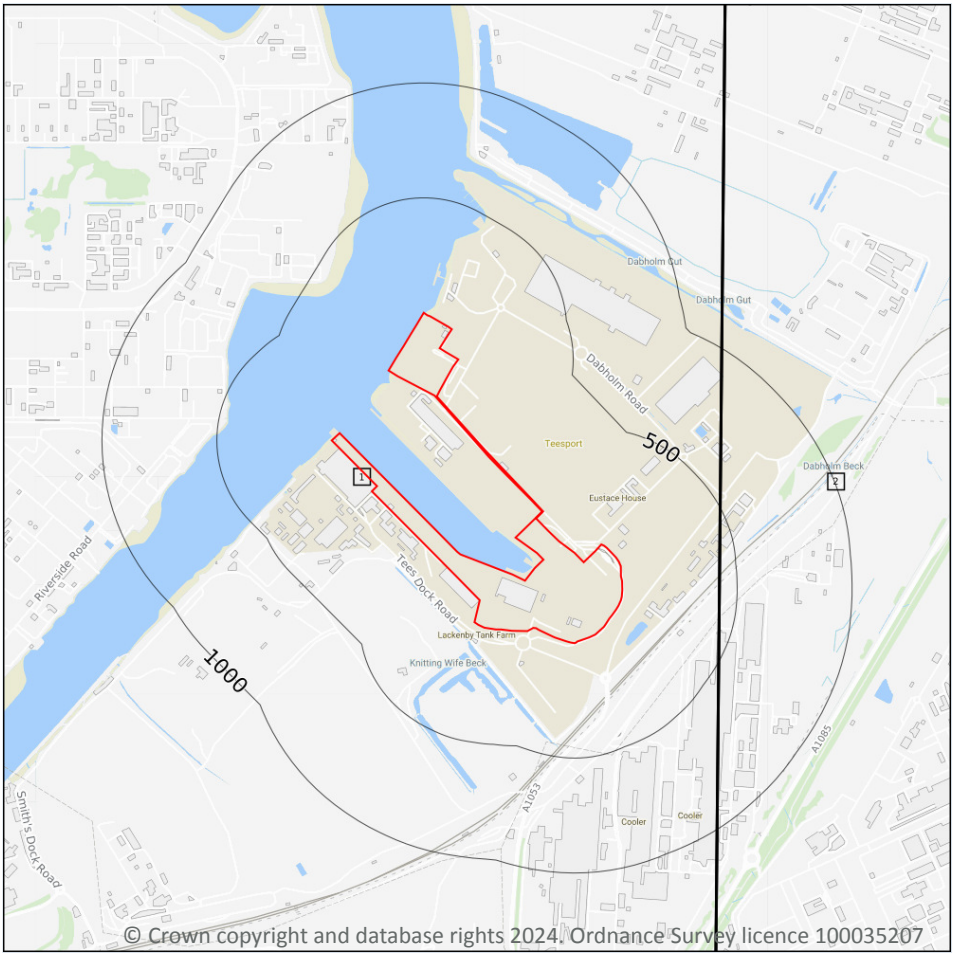
14.6 Bedrock faults and other linear features (10k)

Records within 500m	0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	2

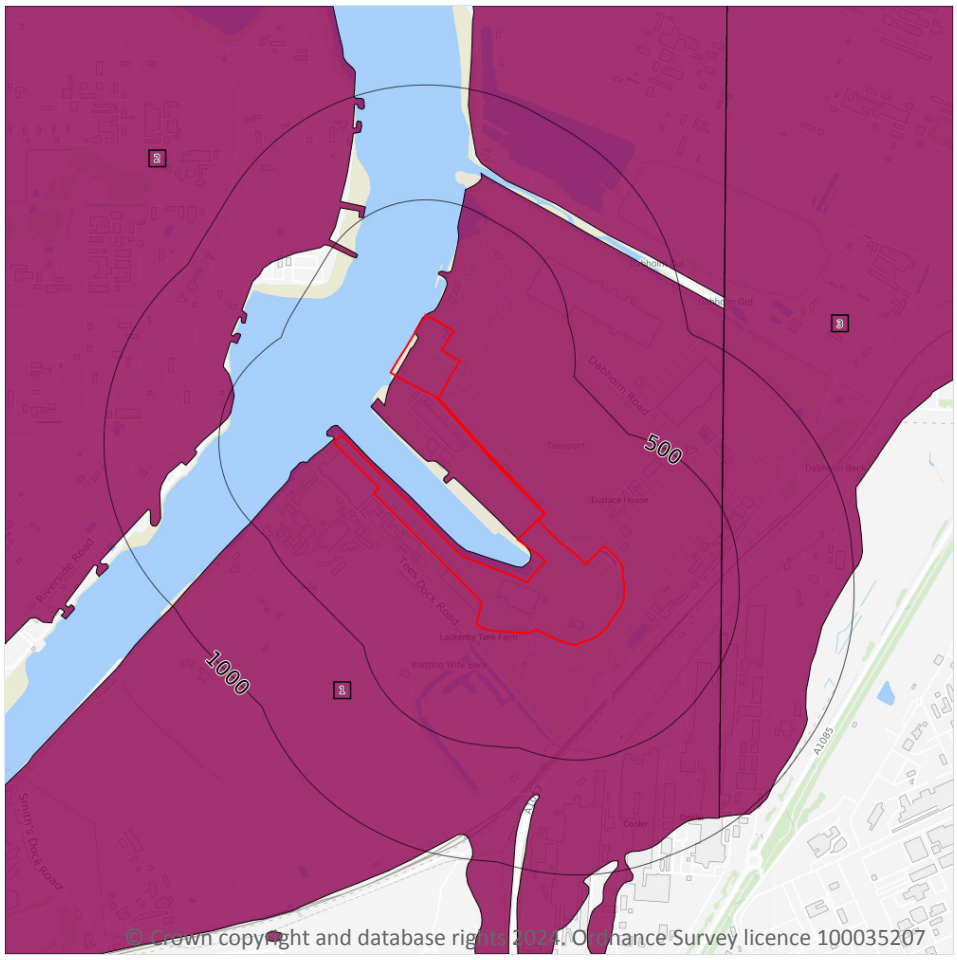
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 136 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW033_stockton_v4**
2	423m E	Full	Full	Full	Full	EW034_guisborough_v4

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m	3

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 137 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**MADE GROUND (UNDIVIDED)**	**ARTIFICIAL DEPOSIT**
2	390m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	423m E	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

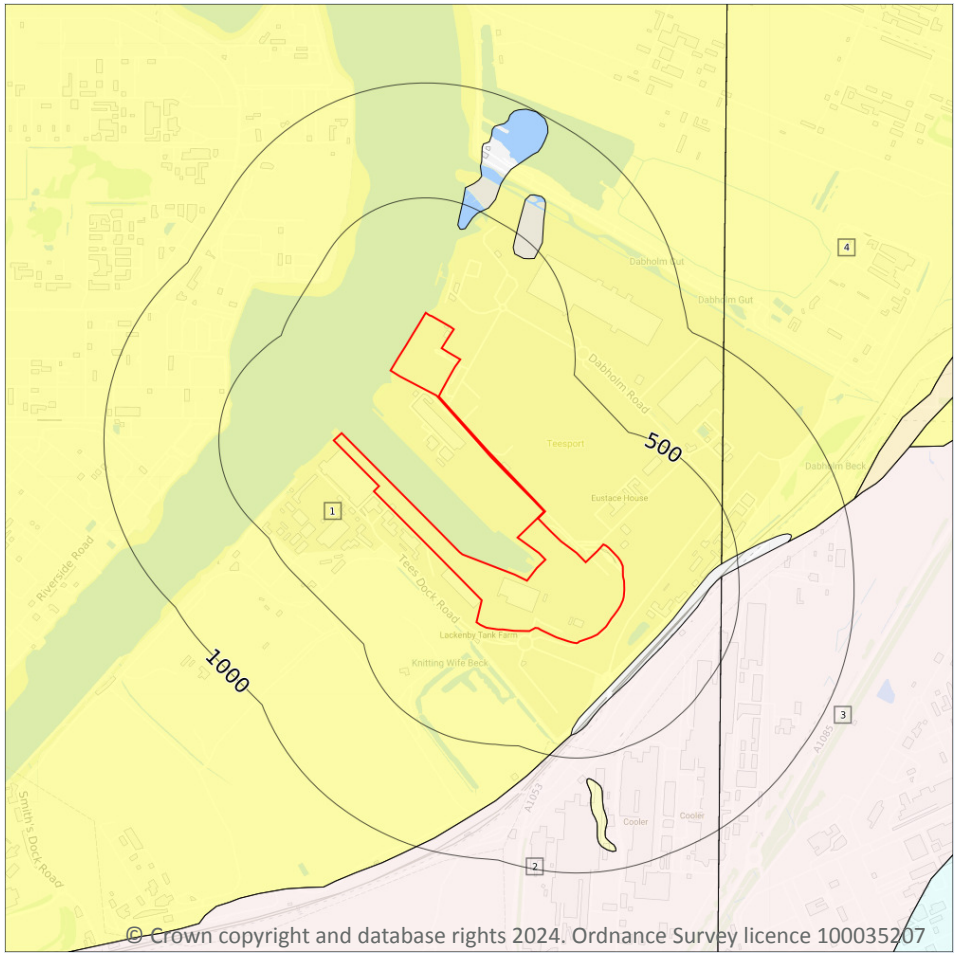
Records within 50m	2

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**Very High**	**Low**
On site	**Mixed**	**Very High**	**Low**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



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Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m **4**

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 139 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**TFD-XSZC**	**TIDAL FLAT DEPOSITS**	**SAND, SILT AND CLAY**
2	234m SE	GLLDD-XCZ	GLACIOLACUSTRINE DEPOSITS, DEVENSIAN	CLAY AND SILT
3	423m E	GLLDD-XCZ	GLACIOLACUSTRINE DEPOSITS, DEVENSIAN	CLAY AND SILT
4	430m E	TFD-XSZ	TIDAL FLAT DEPOSITS	SAND AND SILT

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	2

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Intergranular**	**High**	**Low**
On site	**Intergranular**	**High**	**Low**

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

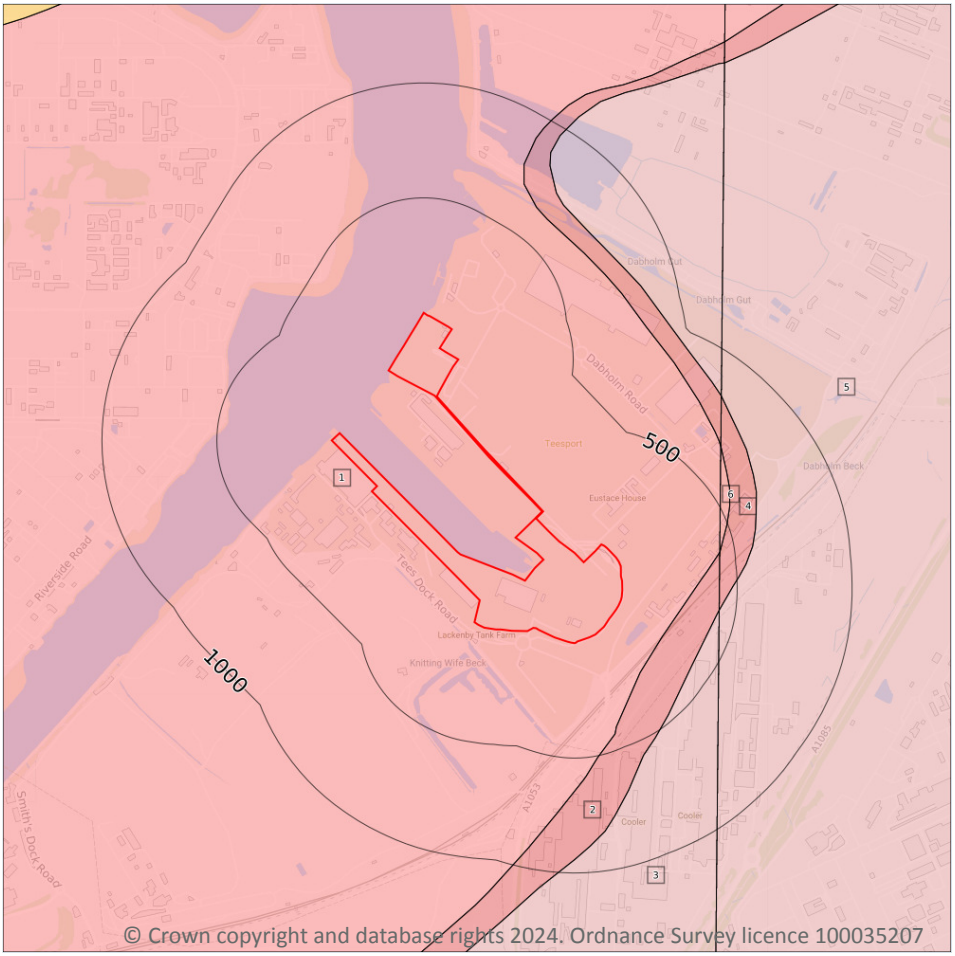
15.7 Landslip permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



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Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **6**

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 141 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**MMG-MDST**	**MERCIA MUDSTONE GROUP - MUDSTONE**	**-**
2	233m SE	PNG-MDST	PENARTH GROUP - MUDSTONE	RHAETIAN
3	402m SE	RMU-MDST	REDCAR MUDSTONE FORMATION - MUDSTONE	HETTANGIAN

ID	Location	LEX Code	Description	Rock age
4	423m E	PNG-MDST	PENARTH GROUP - MUDSTONE	RHAETIAN
5	428m E	RMU-MDST	REDCAR MUDSTONE FORMATION - MUDSTONE	HETTANGIAN
6	435m E	MMG-MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**

This data is sourced from the British Geological Survey.

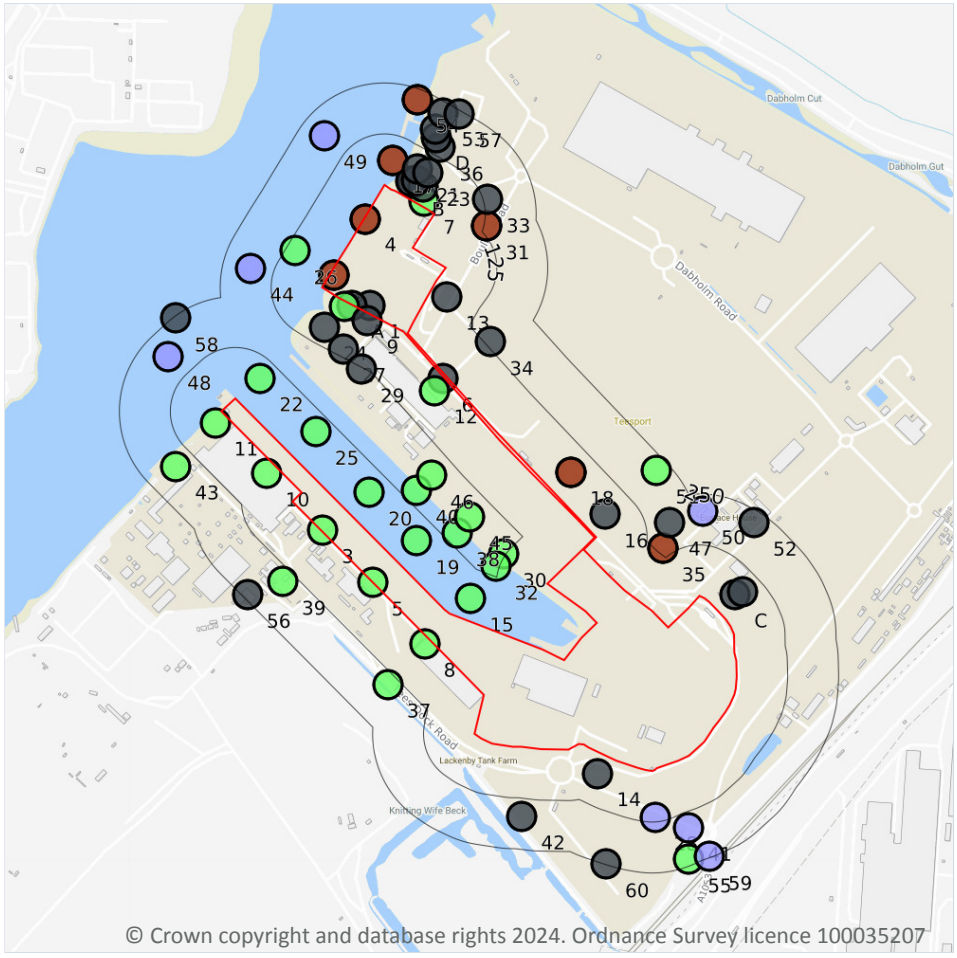
15.10 Bedrock faults and other linear features (50k)

Records within 500m	**0**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

Confidential

0 - 10m

10 - 30m

30m+

Unknown

16.1 BGS Boreholes

Records within 250m	70

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 143 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	454702 523789	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
2	On site	454613 523863	RECLAMATION OF TEES FOUSHORE	-1.0	N	917158 ↗
3	On site	454586 523239	LACKENBY DOCK BORE C	12.9	N	917314 ↗

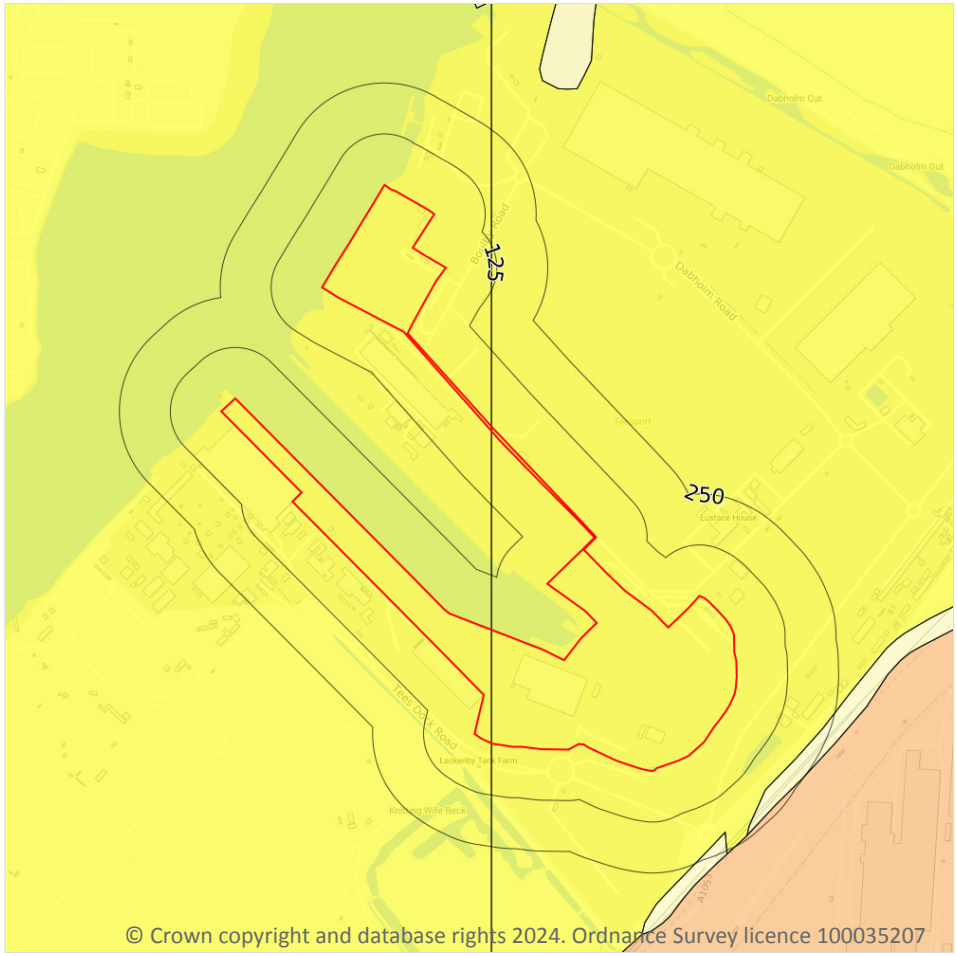
ID	Location	Grid reference	Name	Length	Confidential	Web link
4	**On site**	**454691 524002**	**RECLAMATION OF TEES FOUSHORE**	**-1.0**	**N**	**917157** ↗
5	1m W	454708 523110	LACKENBY DOCK BORE D	15.12	N	917315 ↗
A	2m NW	454658 523789	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
6	4m N	454880 523610	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
A	12m NW	454640 523787	LACKENBY DOCK BORE N	13.7	N	917325 ↗
7	14m N	454835 524045	LACKENBY DOCK BORE Q	13.7	N	917327 ↗
8	15m SW	454836 522960	LACKENBY DOCK BORE E	13.7	N	917316 ↗
9	16m NW	454696 523753	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
10	28m W	454448 523378	LACKENBY DOCK BORE B	13.4	N	917313 ↗
11	31m NW	454322 523501	LACKENBY DOCK BORE A	16.7	N	917312 ↗
B	38m N	454807 524089	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP101	-	Y	N/A
12	39m NW	454861 523580	LACKENBY DOCK BORE O	13.7	N	917326 ↗
B	40m N	454803 524094	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP101A	-	Y	N/A
13	41m N	454890 523811	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
B	43m N	454831 524081	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP103	-	Y	N/A
14	48m S	455261 522641	TEESPORT REFINERY 18	-	Y	N/A
B	49m N	454816 524097	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION BH101	-	Y	N/A
15	54m W	454949 523071	LACKENBY DOCK BORE J	11.5	N	917321 ↗
16	55m NE	455279 523277	TEESPORT REFINERY 7	-	Y	N/A
C	59m E	455598 523081	TEESPORT 1	-	Y	N/A
17	64m N	454758 524146	RECLAMATION OF TEES FOUSHORE	-1.0	N	917156 ↗
18	65m NE	455195 523381	SHELL REFINERY BHS	-1.0	N	796746 ↗
19	70m W	454816 523212	LACKENBY DOCK BORE I	13.26	N	917320 ↗
20	71m NW	454700 523331	LACKENBY DOCK BORE H	13.7	N	917319 ↗
21	73m N	454818 524123	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP102	-	Y	N/A
C	76m E	455615 523088	TEESPORT 2	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
22	78m NW	454433 523610	LACKENBY DOCK BORE F	13.7	N	917317 ↗
23	78m N	454843 524115	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP104	-	Y	N/A
24	81m NW	454590 523735	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
25	83m NW	454569 523480	LACKENBY DOCK BORE G	13.1	N	917318 ↗
26	104m NW	454517 523923	TEES CHANNEL BOREHOLES TC 27	10.08	N	917203 ↗
27	107m NW	454636 523682	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
28	113m SE	455401 522534	BRIDGE SITE TEES DOCK	5.89	N	796754 ↗
29	129m NW	454681 523633	TEESPORT COAL IMPORTING FACIL	-	Y	N/A
30	130m NW	455030 523180	TEES DOCK, POTASH QUAY Q6	25.3	N	796864 ↗
31	132m N	454988 523984	RECLAMATION OF TEES FOUSHORE	-1.0	N	917159 ↗
32	134m W	455010 523149	TEES DOCK, POTASH QUAY Q3	15.37	N	796863 ↗
33	136m N	454990 524050	TEESPORT REFINERY 1	-	Y	N/A
34	138m N	454998 523700	TEESPORT REFINERY 3	-	Y	N/A
35	139m E	455420 523194	SHELL REFINERY BHS	-1.0	N	796743 ↗
36	148m N	454875 524177	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP105	-	Y	N/A
37	150m SW	454746 522860	LACKENBY DOCK BORE M	13.7	N	917324 ↗
38	153m NW	454915 523231	TEES DOCK, POTASH QUAY Q2	19.35	N	917371 ↗
39	155m W	454488 523112	LACKENBY DOCK BORE L	13.46	N	917323 ↗
40	156m NW	454816 523335	TEES DOCK, POTASH QUAY Q1	19.52	N	917370 ↗
D	164m N	454864 524202	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP106	-	Y	N/A
41	165m SE	455484 522507	BRIDGE SITE TEES DOCK	3.4	N	796753 ↗
42	170m S	455075 522535	TEESPORT T121	-	Y	N/A
43	174m W	454226 523395	LACKENBY DOCK BORE K	13.7	N	917322 ↗
D	180m N	454863 524221	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION BH102	-	Y	N/A
44	180m NW	454410 523879	RIVER TEES T360	2.2	N	917477 ↗
45	183m NW	454947 523271	TEES DOCK, POTASH QUAY Q5	26.25	N	917374 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
46	183m NW	454852 523372	TEES DOCK, POTASH QUAY Q4	26.1	N	917373 ↗
47	184m E	455437 523256	TEESPORT REFINERY 10	-	Y	N/A
48	187m NW	454207 523664	TEES CANNEL BOREHOLES TC 22	7.92	N	917202 ↗
49	191m NW	454590 524206	TEES CHANNEL BOREHOLES TC28	9.66	N	917204 ↗
50	208m E	455517 523285	SHELL REFINERY BHS	6.7	N	796742 ↗
51	221m NE	455405 523385	SHELL REFINERY BHS	16.23	N	796744 ↗
52	222m E	455644 523257	TEESPORT REFINERY 13	-	Y	N/A
53	224m N	454880 524262	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION TP1	-	Y	N/A
54	225m N	454817 524295	RECLAMATION OF TEES FOUSHORE	-1.0	N	917155 ↗
55	234m SE	455484 522431	TEESPORT T120	14.02	N	796766 ↗
56	239m W	454402 523080	TEESPORT REFINERY 17	-	Y	N/A
57	242m N	454921 524259	PROJECT GASPORT, TEESSIDE GROUND INVESTIGATION BH104	-	Y	N/A
58	245m NW	454225 523758	TEES CHANNEL BOREHOLES	-	Y	N/A
59	247m SE	455534 522437	BRIDGE SITE TEES DOCK	3.35	N	796752 ↗
60	248m S	455281 522419	TEESPORT REFINERY 19	-	Y	N/A

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	1

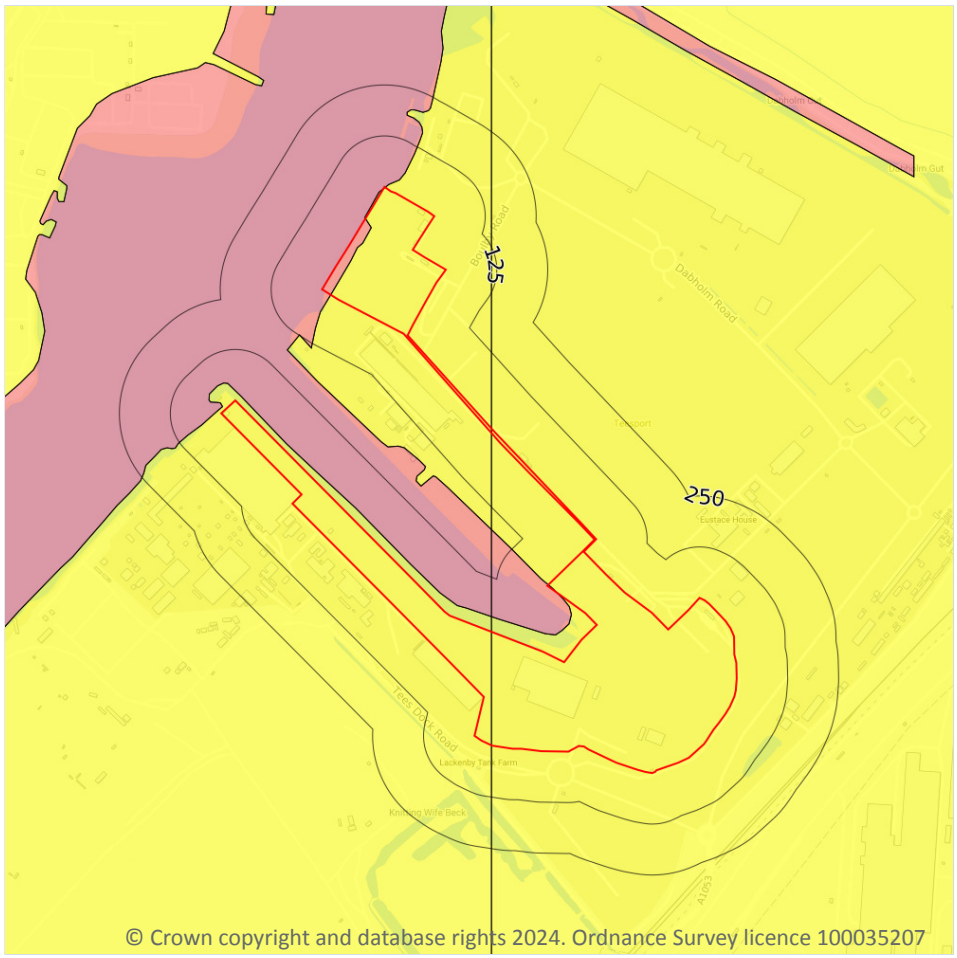
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 147 >**

Location	Hazard rating	Details
On site	**Very low**	**Ground conditions predominantly low plasticity.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

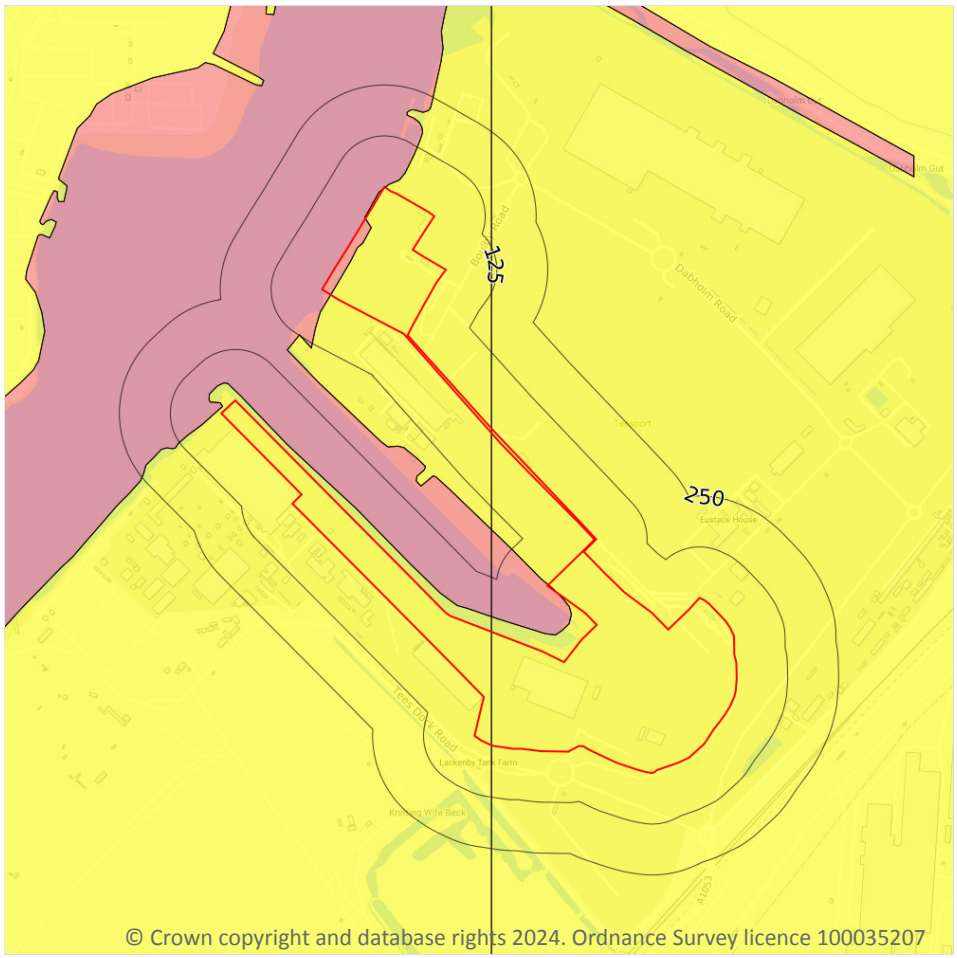
Features are displayed on the Natural ground subsidence - Running sands map on **page 148 >**

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**

Location	Hazard rating	Details
On site	**Moderate**	**Running sand conditions are probably present. Constraints may apply to land uses involving excavation or the addition or removal of water.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	2

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

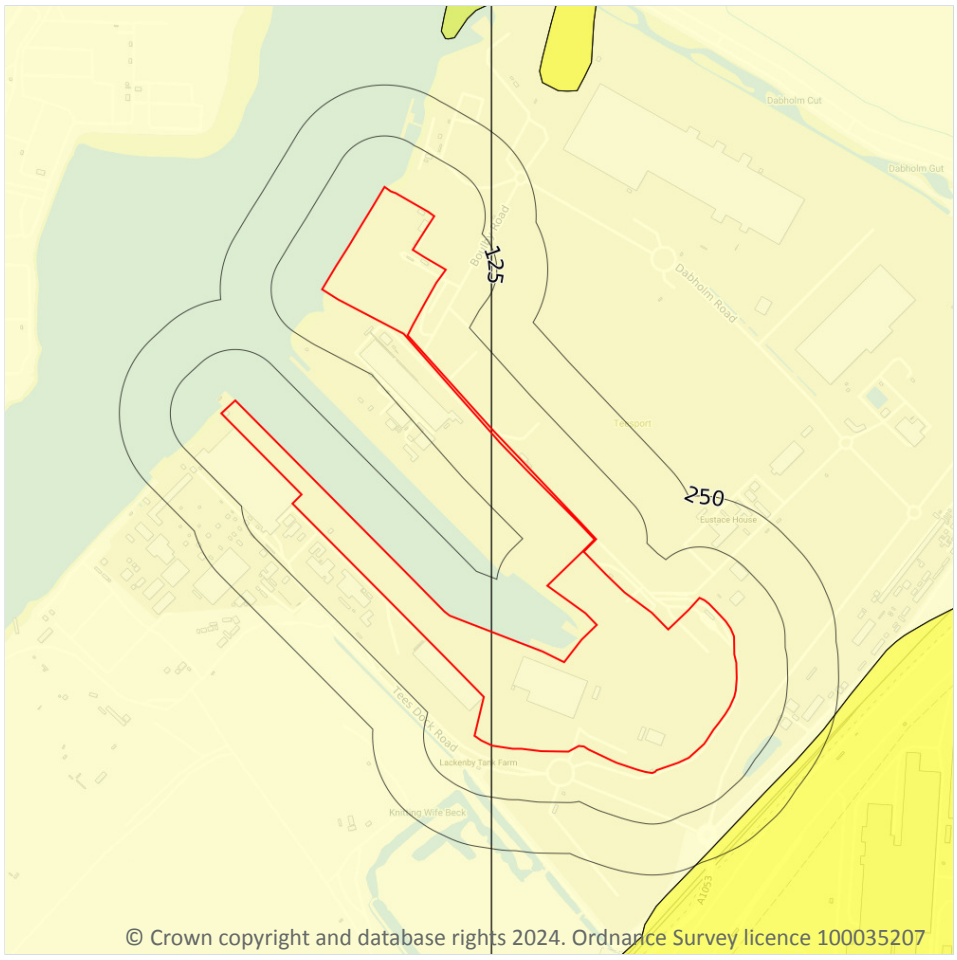
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 150 >**

Location	Hazard rating	Details
On site	**Very low**	**Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.**

Location	Hazard rating	Details
On site	**Moderate**	**Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	1

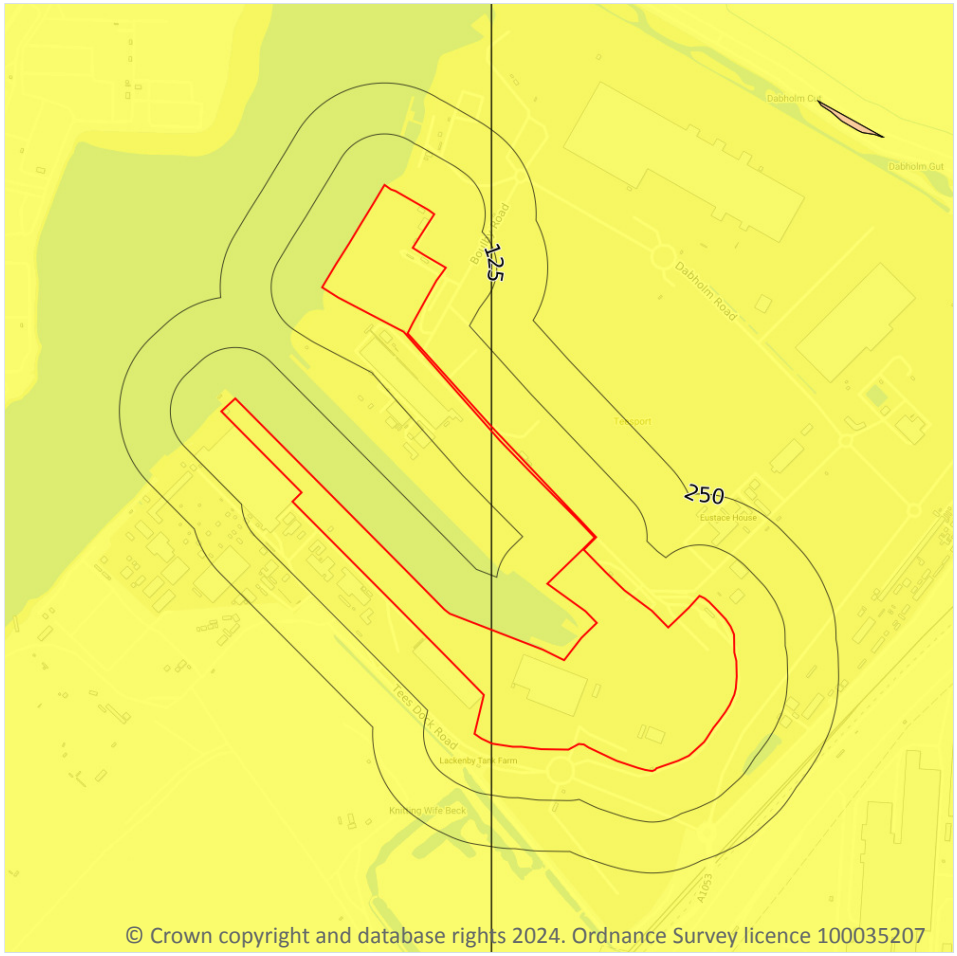
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 152 >**

Location	Hazard rating	Details
On site	**Negligible**	**Deposits with potential to collapse when loaded and saturated are believed not to be present.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	1

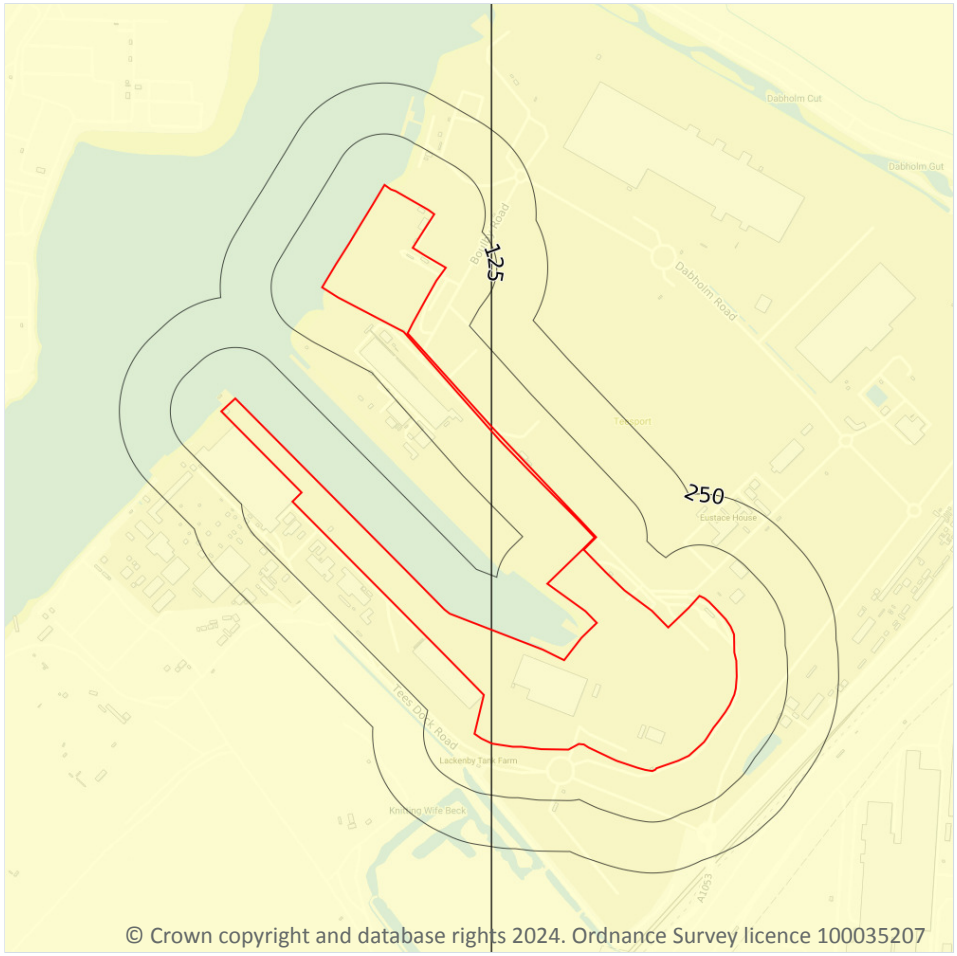
The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 153 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

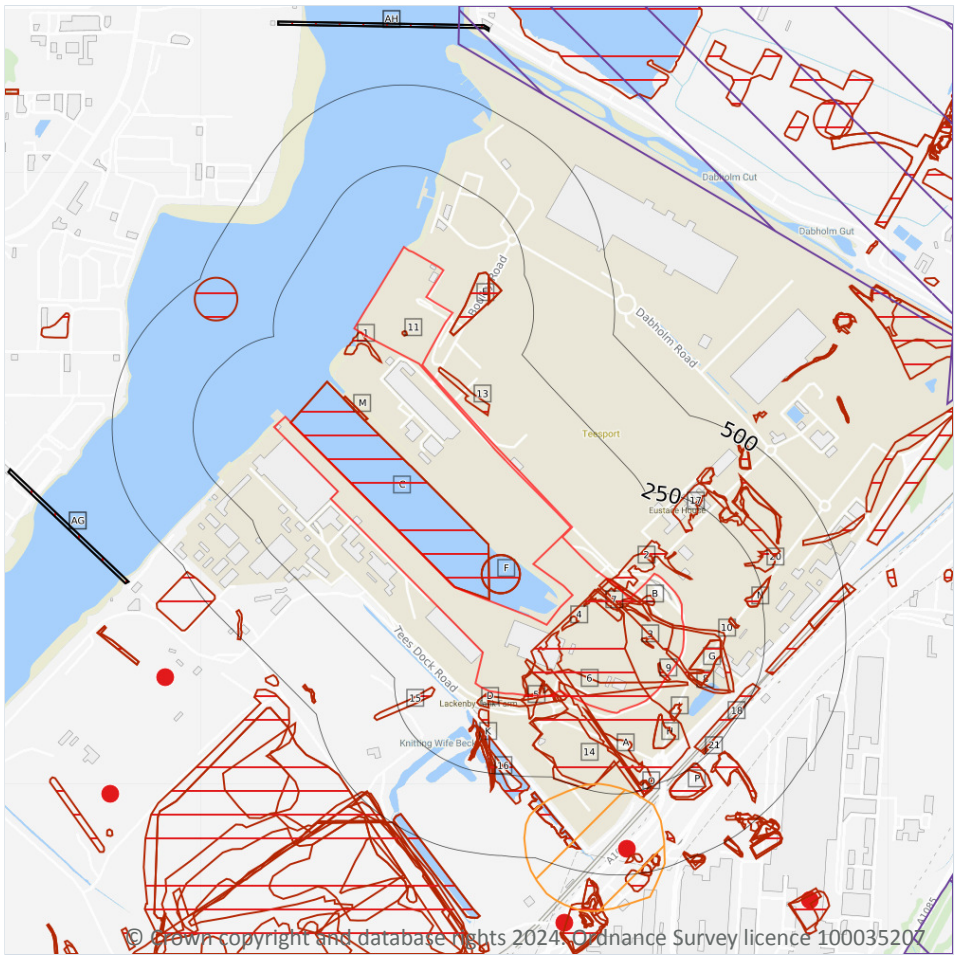
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 154 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining and ground workings



Site Outline

Search buffers in metres (m)

BritPits

Surface ground workings

Underground workings

Underground mining extents

Historical mineral planning areas

TCA non-coal mining

Non Coal Mining

Sporadic underground mining of restricted extent possible

Localised small scale underground mining possible

Small scale mining possible

Underground mining known or likely within or in close proximity

Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m	1

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on **page 156 >**

ID	Location	Details	Description
W	421m S	Name: Kinkerdale Brick Yard Address: Grangetown, MIDDLESBROUGH, North Yorkshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	**57**

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 156 >**

ID	Location	Land Use	Year of mapping	Mapping scale
1	**On site**	**Pond**	**1955**	**1:10560**
2	**On site**	**Ponds**	**1893**	**1:10560**
3	**On site**	**Pond**	**1893**	**1:10560**
4	**On site**	**Pond**	**1893**	**1:10560**
5	**On site**	**Ponds**	**1927**	**1:10560**
6	**On site**	**Refuse Heap**	**1952**	**1:10560**
7	**On site**	**Refuse Heap**	**1952**	**1:10560**
8	**On site**	**Refuse Heap**	**1952**	**1:10560**
9	**On site**	**Unspecified Ground Workings**	**1952**	**1:10560**
10	**On site**	**Unspecified Ground Workings**	**1952**	**1:10560**
11	**On site**	**Unspecified Pit**	**1955**	**1:10560**
A	**On site**	**Ponds**	**1893**	**1:10560**
A	**On site**	**Refuse Heaps**	**1927**	**1:10560**
B	**On site**	**Pond**	**1913**	**1:10560**
B	**On site**	**Pond**	**1927**	**1:10560**
C	**On site**	**Dock**	**1992**	**1:10000**

ID	Location	Land Use	Year of mapping	Mapping scale
C	**On site**	**Dock**	**1988**	**1:10000**
D	8m S	Unspecified Pit	1955	1:10560
12	18m SE	Reservoir	1913	1:10560
E	23m N	Pond	1992	1:10000
E	23m N	Pond	1988	1:10000
13	25m N	Unspecified Heap	1955	1:10560
F	31m SW	Dock	1991	1:10000
F	31m SW	Dock	1983	1:10000
F	31m SW	Dock	1974	1:10000
G	43m SE	Pond	1991	1:10000
G	43m SE	Pond	1983	1:10000
G	43m SE	Pond	1974	1:10000
14	50m S	Refuse Heap	1952	1:10560
D	60m S	Pond	1955	1:10560
H	61m SE	Pond	1983	1:10000
H	61m SE	Pond	1974	1:10000
I	71m SE	Pond	1983	1:10000
I	71m SE	Pond	1974	1:10000
D	100m S	Pond	1955	1:10560
J	114m N	Pond	1983	1:10000
J	114m N	Pond	1974	1:10000
K	115m S	Pond	1893	1:10560
K	119m S	Pond	1950	1:10560
K	119m S	Pond	1913	1:10560
K	119m S	Pond	1897	1:10560
15	128m SW	Refuse Heap	1955	1:10560
16	139m S	Pond	1991	1:10000
L	141m E	Pond	1983	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
L	141m E	Pond	1974	1:10000
17	159m E	Ponds	1927	1:10560
M	166m NW	Unspecified Wharf	1992	1:10000
M	166m NW	Unspecified Wharf	1988	1:10000
N	196m E	Pond	1983	1:10000
N	196m E	Pond	1974	1:10000
18	202m SE	Cuttings	1952	1:10560
O	225m SE	Reservoir	1913	1:10560
O	225m SE	Reservoir	1927	1:10560
20	228m E	Pond	1927	1:10560
21	234m SE	Reservoir	1913	1:10560
P	244m SE	Refuse Heap	1913	1:10560
P	244m SE	Refuse Heap	1927	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	**4**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

Features are displayed on the Mining and ground workings map on **page 156 >**

ID	Location	Land Use	Year of mapping	Mapping scale
AG	655m W	Tunnel	1992	1:10000
AG	655m W	Tunnel	1988	1:10000
AH	679m N	Tunnel	1992	1:10000
AH	679m N	Tunnel	1988	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	1

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining and ground workings map on **page 156 >**

ID	Location	Name	Commodity	Class	Likelihood
19	224m S	Abandoned Brine Wells	Salt - brine	C	Underground mine workings may have occurred in the past, or current mines may be operating to modern engineering standards. Potential for difficult ground conditions should be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

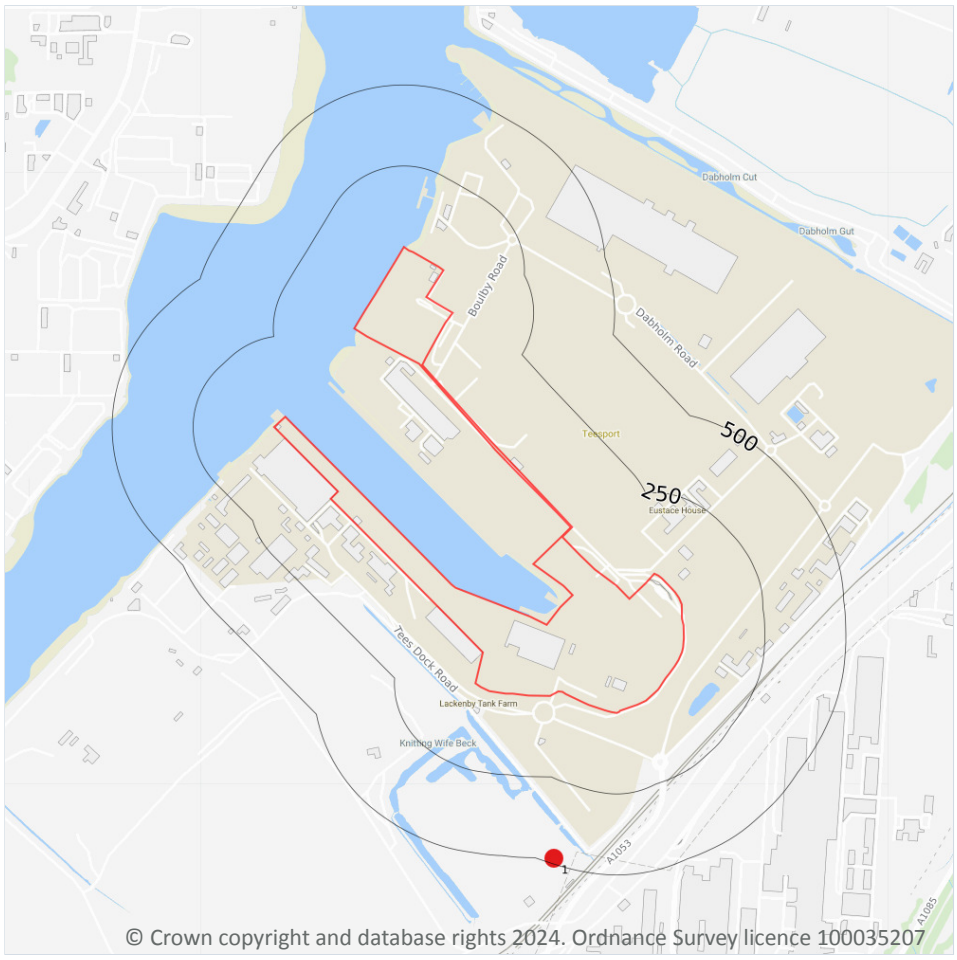
18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes



Site Outline

Search buffers in metres (m)

- Natural cavities (Area)
- Natural cavities (Point)
- Mining cavities
- Reported recent incidents
- Historical incidents
- BGS karst database (Point)
- BGS karst database (Line)
- BGS karst database (Area)

19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	2

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

Features are displayed on the Ground cavities and sinkholes map on **page 163 >**

ID	Location	Mine Address	Mineral	Data source	Publisher
1	482m S	Brine Well, Cleveland	Brine, Rock Salt, Salt, Halite	REPORT ON ABANDONED MINERIAL WORKINGS AND POSSIBLE SURFACE INSTABILITY PROBLEMS	COUNTY OF CLEVELAND
-	893m S	Grangetown, Cleveland	Alabaster, Anhdryite, Gypsum	REPORT ON ABANDONED MINERIAL WORKINGS AND POSSIBLE SURFACE INSTABILITY PROBLEMS	COUNTY OF CLEVELAND

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

19.5 National karst database

Records within 500m	0

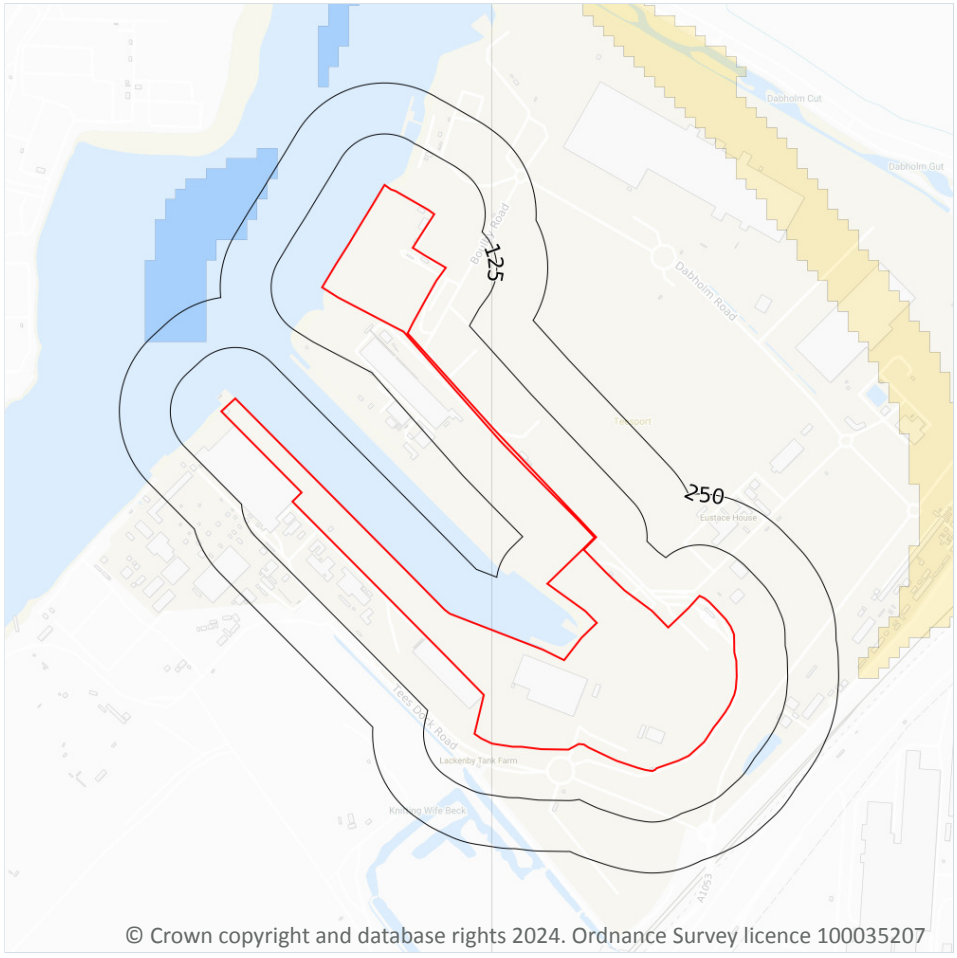
This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.

20 Radon



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Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 166 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Less than 1%**	**None**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m	11

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
5m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

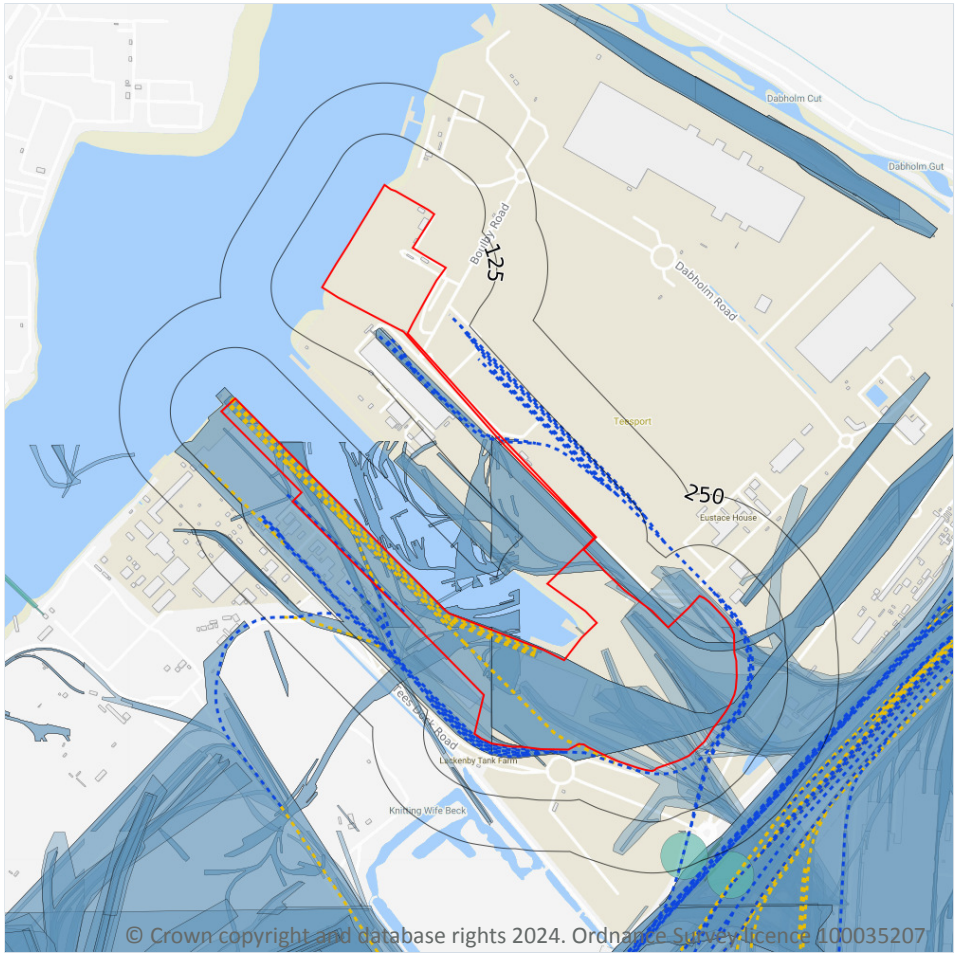
21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects



Site Outline

Search buffers in metres (m)

- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	86

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 170 >**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1895**	**2500**
On site	**Railway Sidings**	**1915**	**2500**
On site	**Railway Sidings**	**1929**	**2500**
On site	**Railway Sidings**	**1981**	**1250**
On site	**Railway Sidings**	**1974**	**1250**
On site	**Railway Sidings**	**1965**	**1250**
On site	**Railway Sidings**	**1970**	**1250**
On site	**Railway Sidings**	**1964**	**1250**
On site	**Railway Sidings**	**1966**	**1250**
On site	**Railway Sidings**	**1952**	**1250**
On site	**Railway Sidings**	**1972**	**1250**
On site	**Railway Sidings**	**1954**	**2500**
On site	**Railway Sidings**	**1955**	**2500**
On site	**Railway Sidings**	**1965**	**2500**
On site	**Railway Sidings**	**1980**	**1250**
On site	**Railway Sidings**	**1989**	**1250**
On site	**Railway Sidings**	**1990**	**1250**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1993**	**1250**
On site	**Railway Sidings**	**1893**	**2500**
On site	**Railway Sidings**	**1927**	**2500**
On site	**Railway Sidings**	**1975**	**-**
On site	**Railway Sidings**	**1893**	**10560**
On site	**Railway Sidings**	**1913**	**10560**
On site	**Railway Sidings**	**1927**	**10560**
On site	**Railway Sidings**	**1991**	**10000**
On site	**Railway Sidings**	**1952**	**10560**
On site	**Railway Sidings**	**1983**	**10000**
On site	**Railway Sidings**	**1974**	**10000**
On site	**Railway Sidings**	**1992**	**10000**
On site	**Railway Sidings**	**1988**	**10000**
1m SE	Railway Sidings	1993	1250
5m SE	Railway Sidings	1959	1250
11m SE	Railway Sidings	1959	1250
14m N	Railway Sidings	1992	10000
14m N	Railway Sidings	1988	10000
16m NW	Railway Sidings	1994	1250
16m W	Railway Sidings	1972	1250
27m N	Railway Sidings	1990	1250
32m NW	Railway Sidings	1929	2500
39m SE	Railway Sidings	1959	1250
48m SW	Railway Sidings	1975	-
57m E	Railway Sidings	1983	10000
57m E	Railway Sidings	1974	10000
59m E	Railway Sidings	1971	1250
60m E	Railway Sidings	1974	-

Location	Land Use	Year of mapping	Mapping scale
62m E	Railway Sidings	1983	1250
70m N	Railway Sidings	1915	2500
77m W	Railway Sidings	1990	1250
79m W	Railway Sidings	1980	1250
97m S	Railway Sidings	1895	2500
97m S	Railway Sidings	1929	2500
98m NW	Railway Sidings	1997	1250
118m NW	Railway Sidings	1915	2500
124m NW	Railway Sidings	1980	1250
124m NW	Railway Sidings	1990	1250
149m E	Railway Sidings	1983	1250
151m NW	Railway Sidings	1992	10000
151m NW	Railway Sidings	1988	10000
153m NW	Railway Sidings	1980	1250
153m NW	Railway Sidings	1990	1250
158m E	Railway Sidings	1965	2500
160m SE	Railway Sidings	1973	1250
165m SE	Tunnel	1991	10000
165m SE	Tunnel	1983	10000
171m SE	Railway Sidings	1984	1250
173m W	Railway Sidings	1965	2500
173m W	Railway Sidings	1961	1250
173m W	Railway Sidings	1972	1250
180m W	Railway Sidings	1990	1250
186m SE	Railway Sidings	1991	10000
186m SE	Railway Sidings	1983	10000
186m SE	Railway Sidings	1974	10000
187m E	Railway Sidings	1965	2500

Location	Land Use	Year of mapping	Mapping scale
208m SE	Railway Sidings	1954	2500
208m SE	Railway Sidings	1952	1250
216m SE	Tunnel	1982	1250
217m SE	Tunnel	1959	1250
217m SE	Tunnel	1971	1250
217m SE	Tunnel	1994	1250
226m SE	Tunnel	1982	1250
227m SE	Tunnel	1971	1250
228m SE	Tunnel	1994	1250
237m W	Railway Sidings	1915	2500
238m SE	Tunnel	1994	1250
248m SE	Railway Sidings	1893	2500
248m SE	Railway Sidings	1927	2500

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	39

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on **page 170 >**

Location	Description
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Abandoned
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused
On site	Disused

Location	Description
On site	**Razed**
On site	**Razed**
On site	**Razed**
On site	**Razed**
On site	**Razed**
83m W	Abandoned
87m W	Abandoned
87m W	Abandoned
98m SW	Abandoned
131m W	Disused
187m W	Abandoned

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	**37**

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

Features are displayed on the Railway infrastructure and projects map on **page 170 >**

Location	Name	Type
On site		**rail**
On site		**rail**
On site		**rail**
On site		**rail**
On site		**rail**
2m S		rail
3m W		rail
6m SE		rail
7m S		rail
10m S		rail

Location	Name	Type
12m S		rail
18m S		rail
21m E		rail
25m E		rail
30m NW		rail
37m NW		rail
40m NW		rail
43m W		rail
55m W		rail
69m N		rail
76m W		rail
79m W		rail
83m W		rail
87m N		rail
89m N		rail
90m SW		rail
94m SW		rail
94m N		rail
97m N		rail
104m N		rail
106m N		rail
212m SE		rail
214m SE	Not given	Multi Track
215m SE	South Bank Junction to Clay Lane Works Branch	rail
218m SE	Tees Valley Line	rail
221m SE	Not given	Single Track
222m SE	Tees Valley Line	rail

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference ↗.

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Appendix B Historic Maps

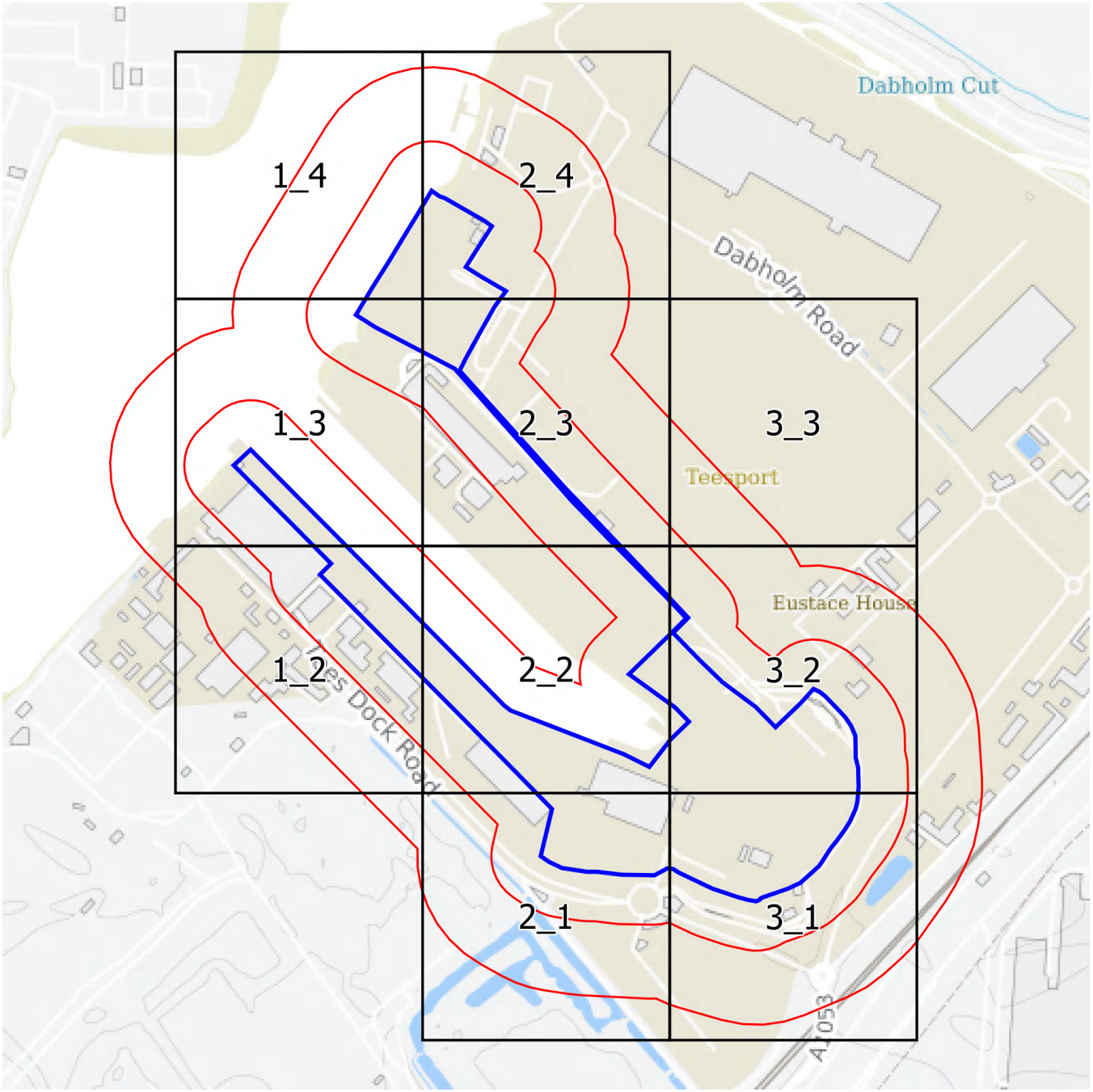
Preliminary Land Quality Risk Assessment

Teesport Waste Storage Bespoke Environmental Permit Application

PD Teesport Limited

SLR Project No.: 416.065498.00002

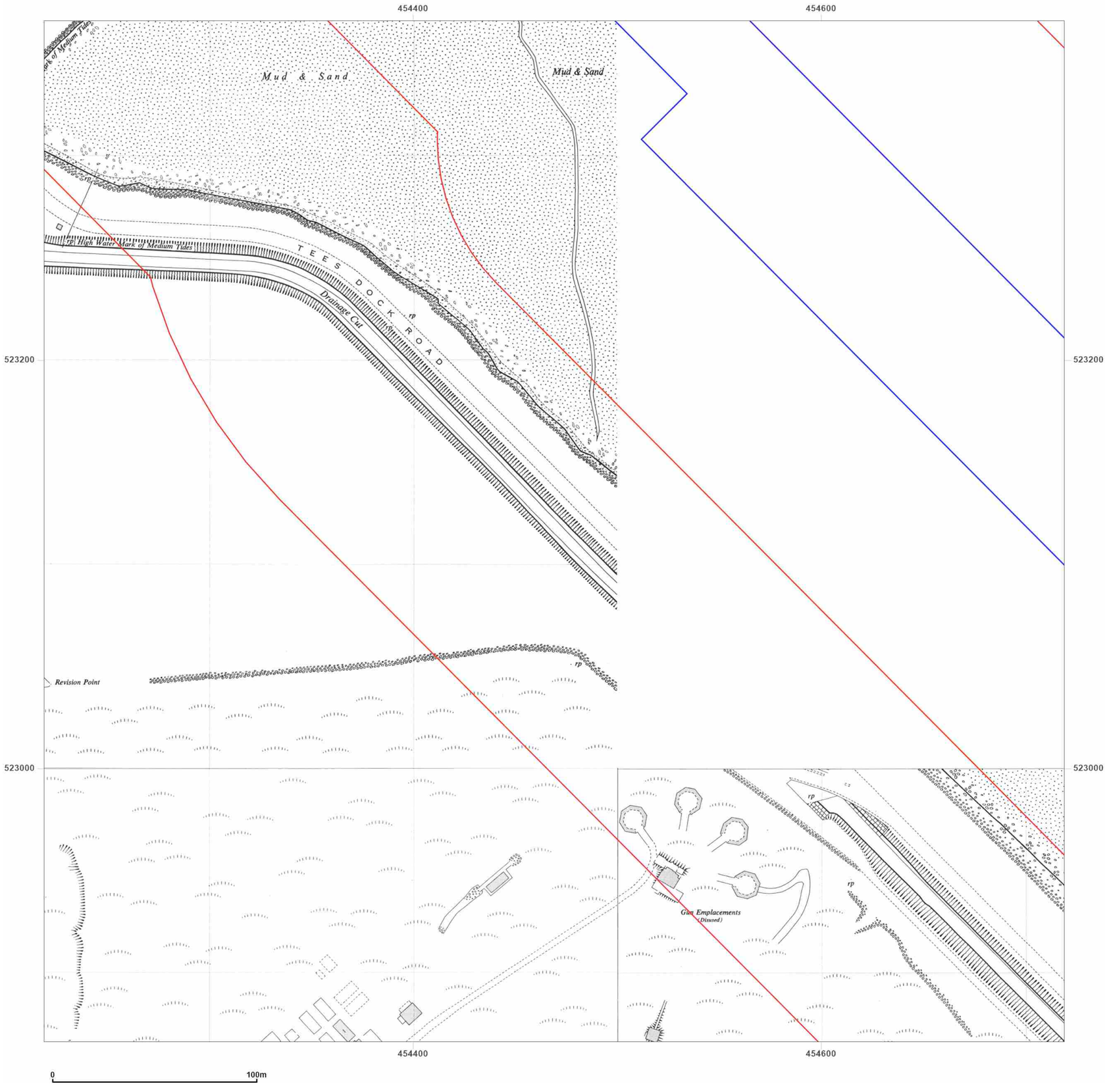
26 November 2025



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1:1,250 Scale Grid Index

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Map Name: National Grid
Map date: **1952**
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Edition N/A
Copyright N/A
Levelled 1948

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Revised 1952
Edition N/A
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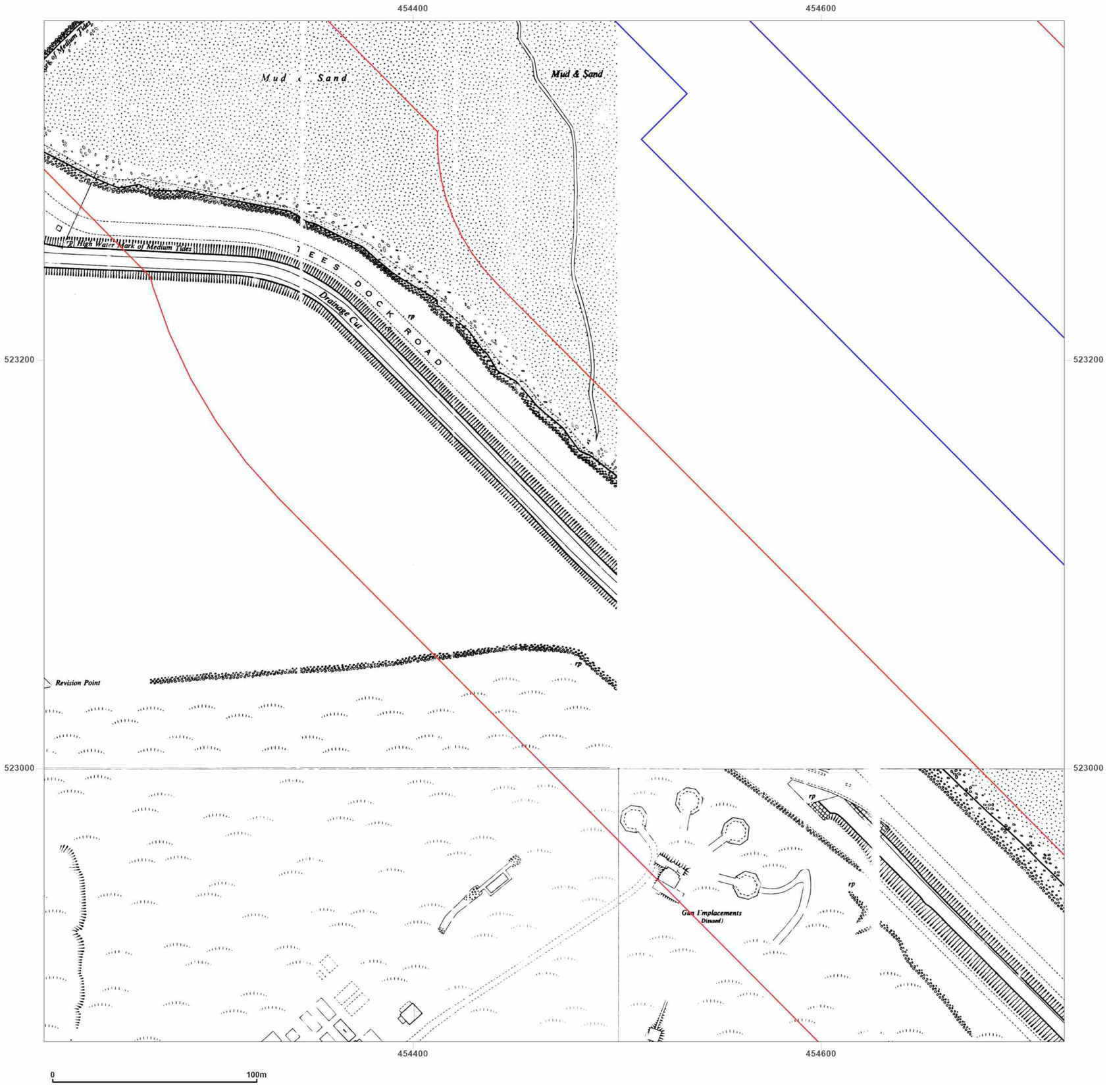
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Surveyed N/A
Revised N/A
Edition N/A
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Edition N/A
Copyright 1953
Levelled N/A

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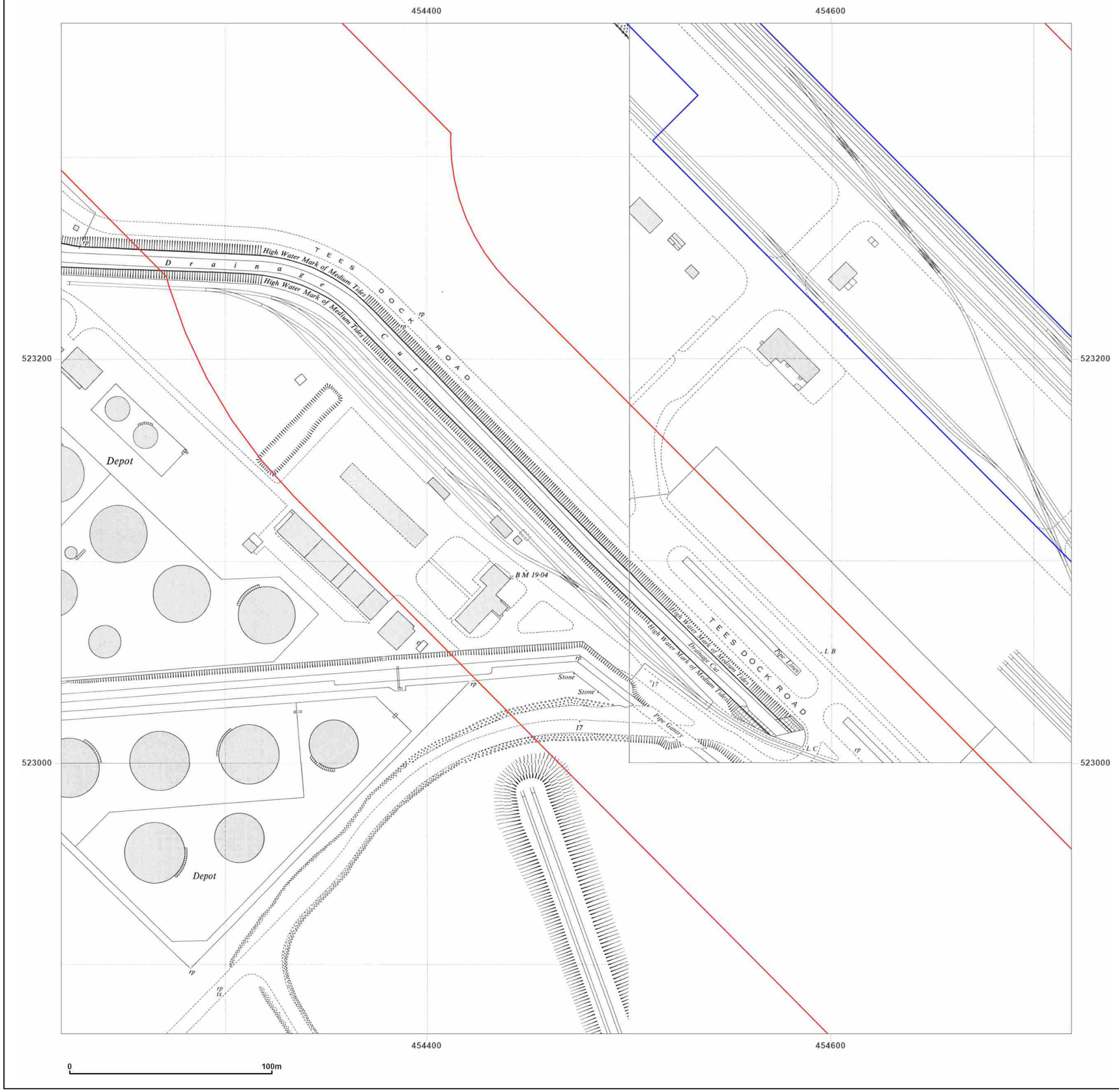
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Map Name: National Grid

Map date: **1959-1964**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1952 Revised 1960 Edition N/A Copyright 1961 Levelled 1959	Surveyed 1952 Revised 1963 Edition N/A Copyright 1964 Levelled 1959
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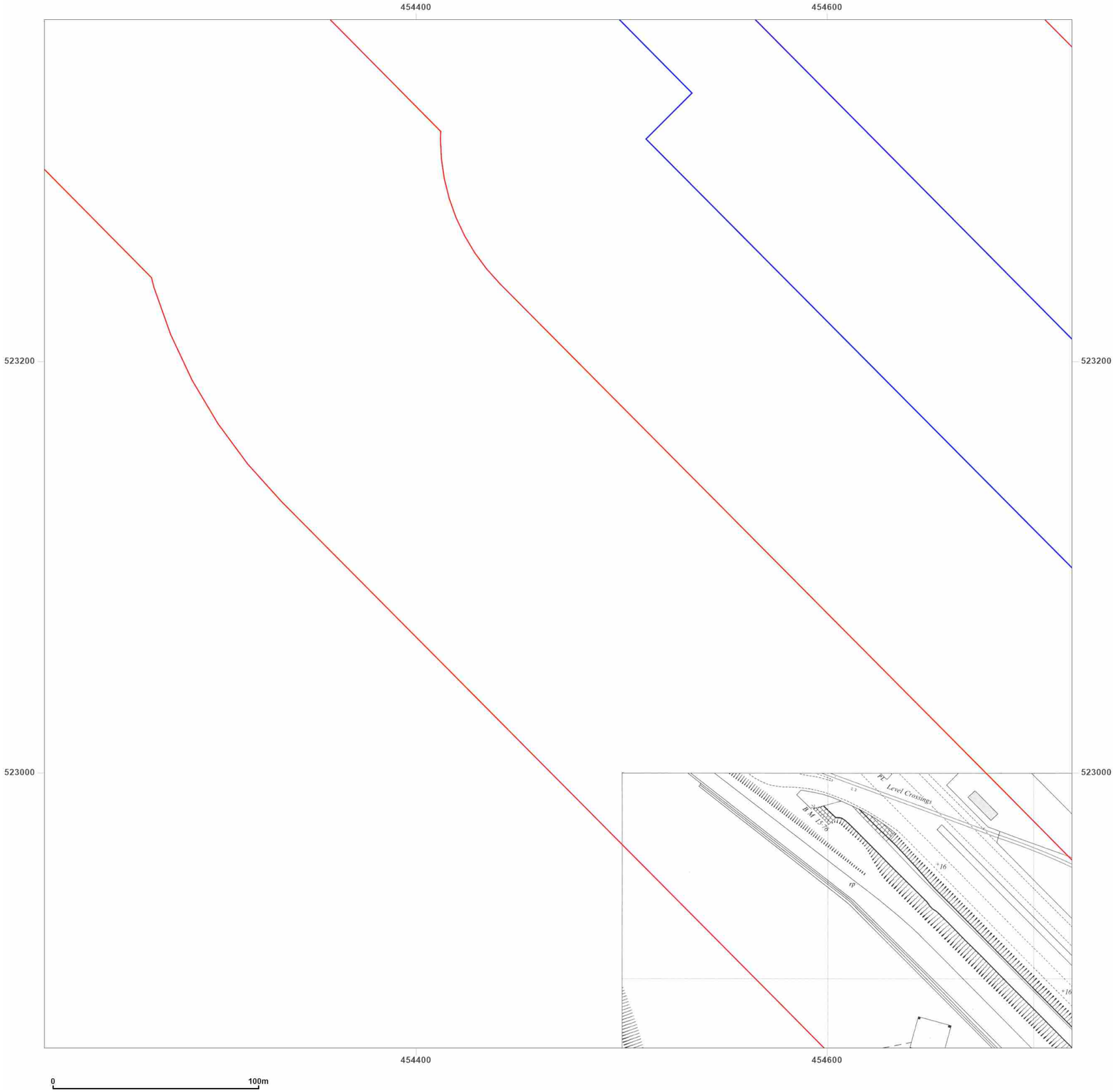
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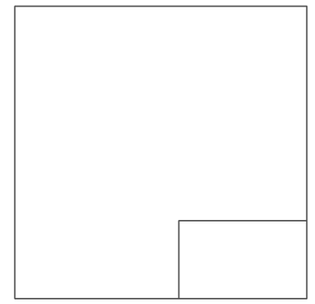
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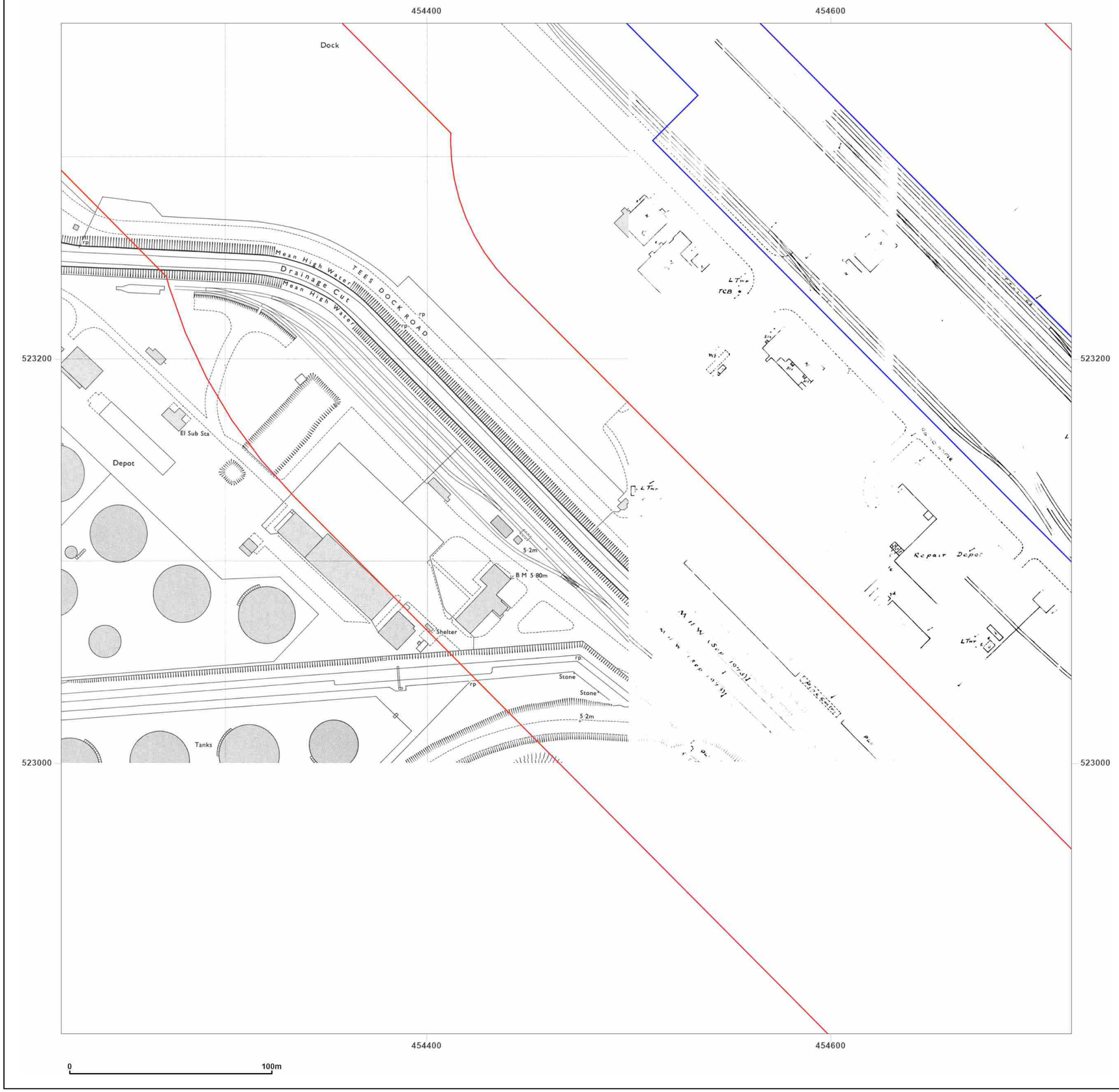
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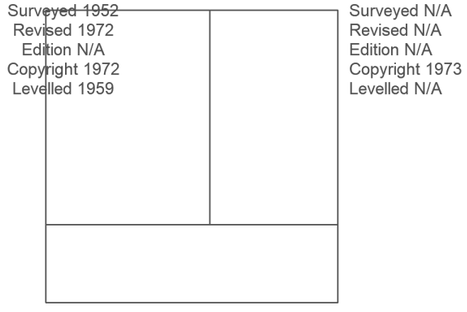
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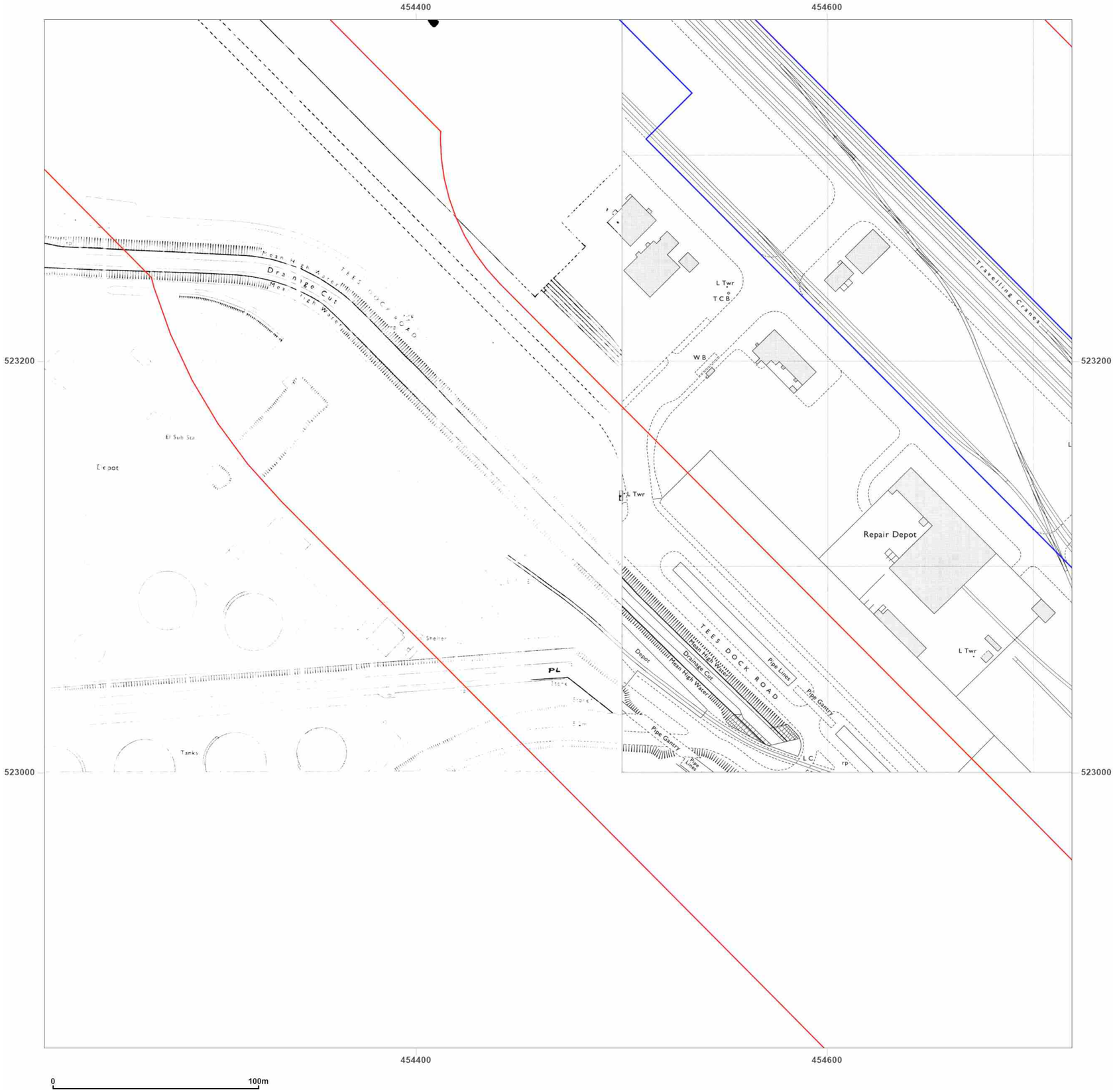
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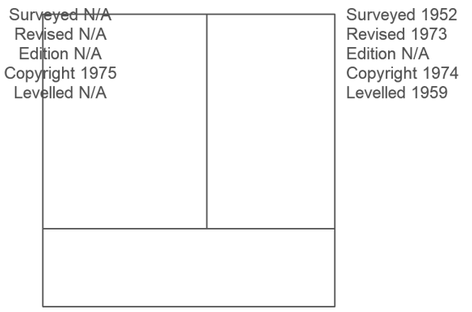
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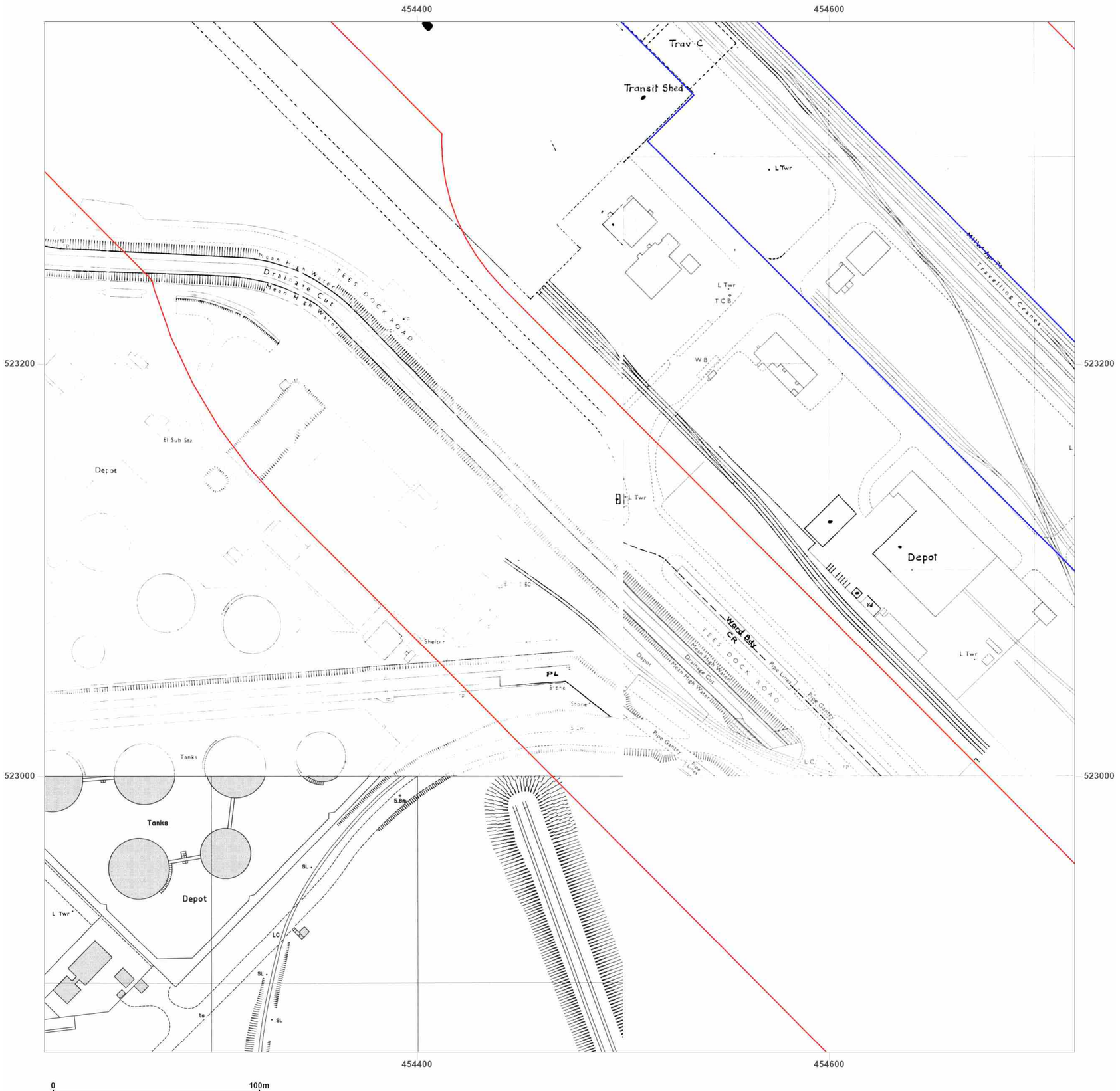
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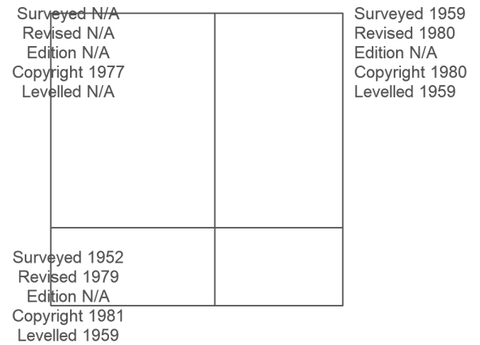
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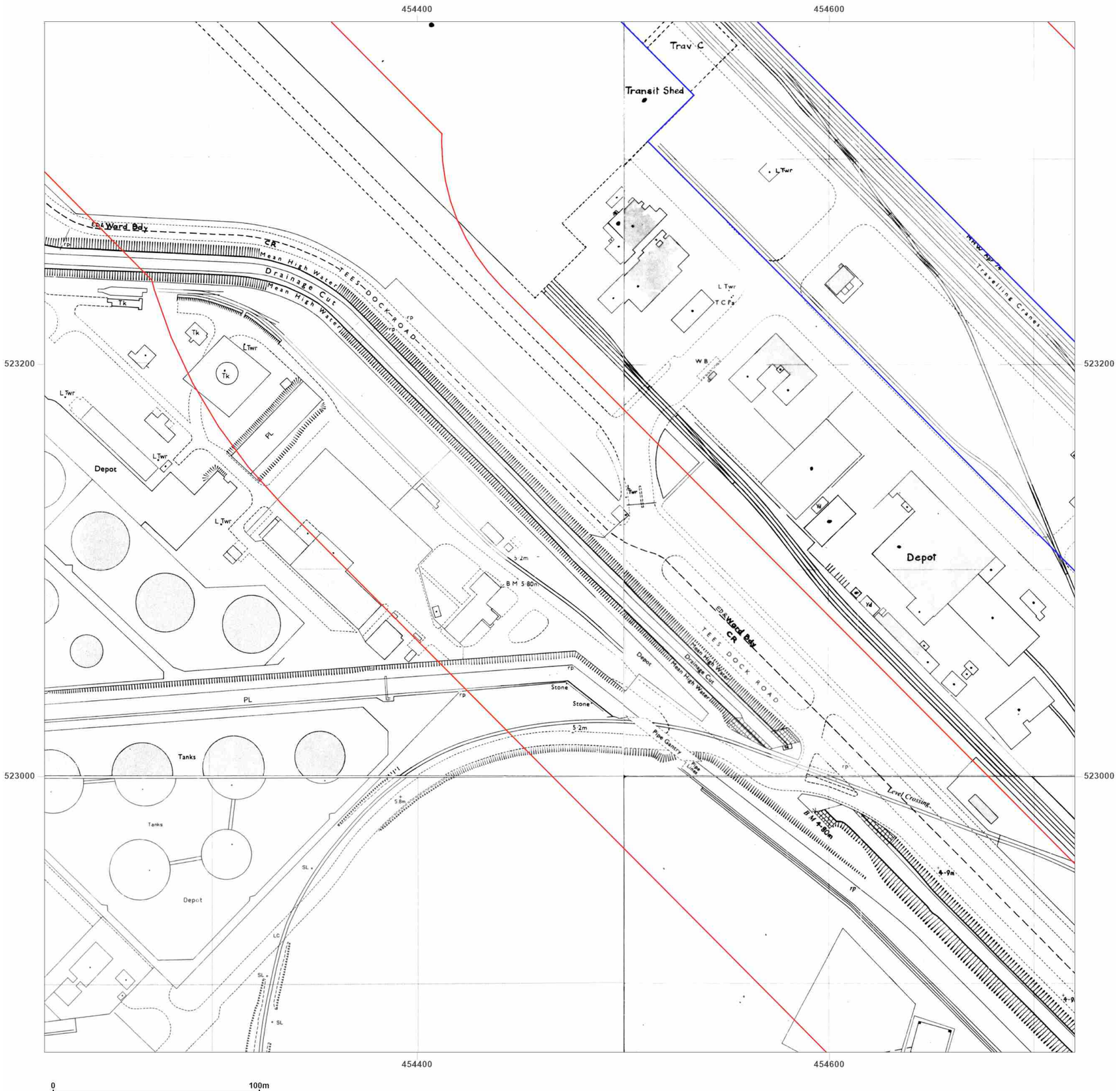
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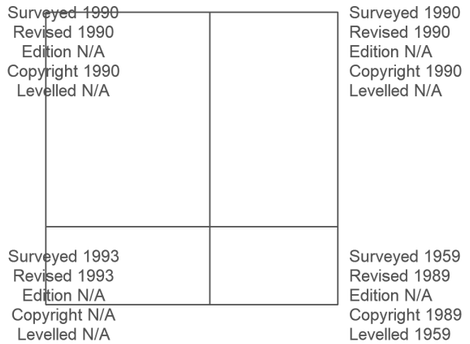
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Map Name: National Grid
Map date: **1989-1993**
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Printed at: 1:2,000

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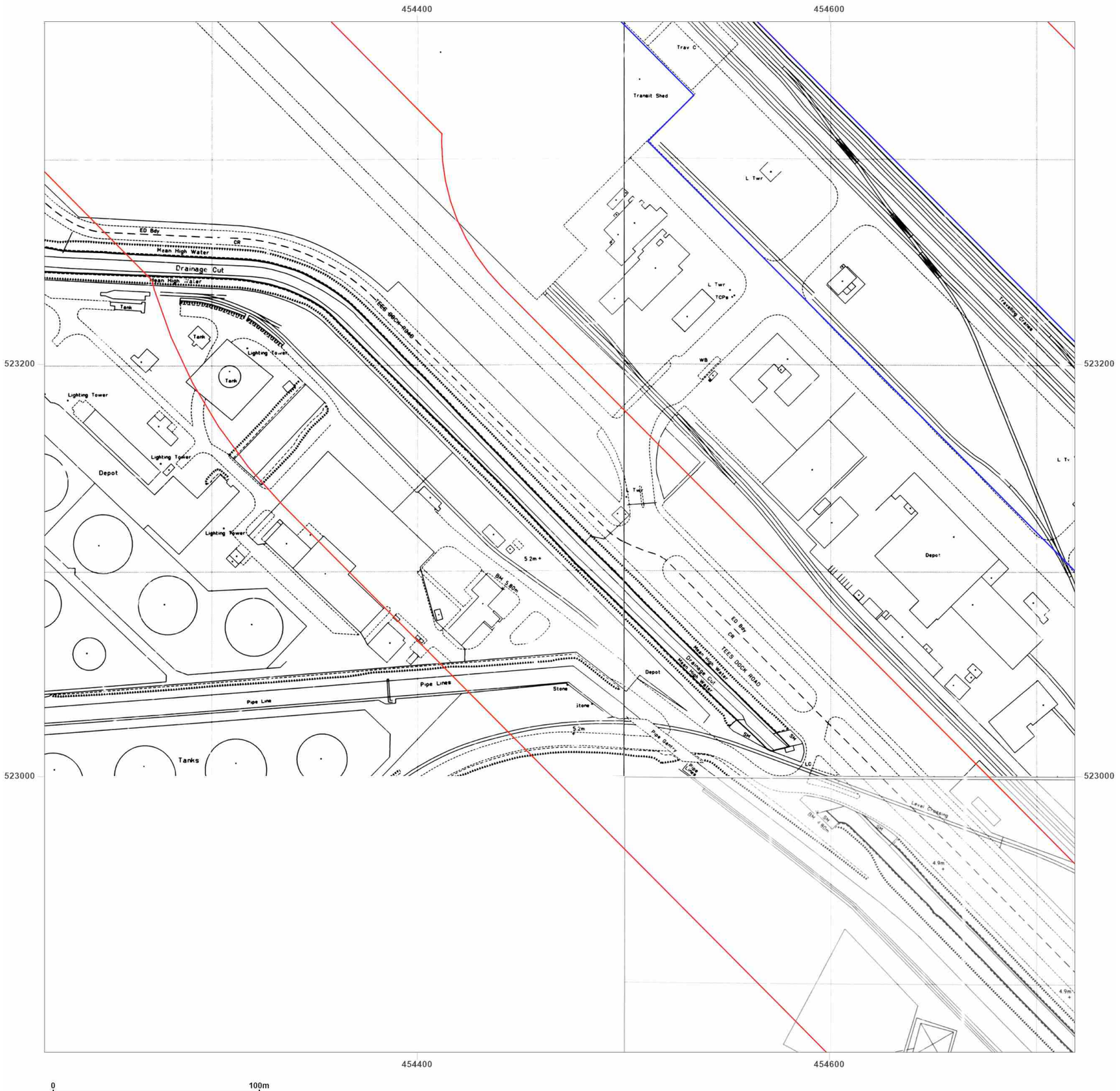
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_1_2
Grid Ref: 454469, 523116

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A
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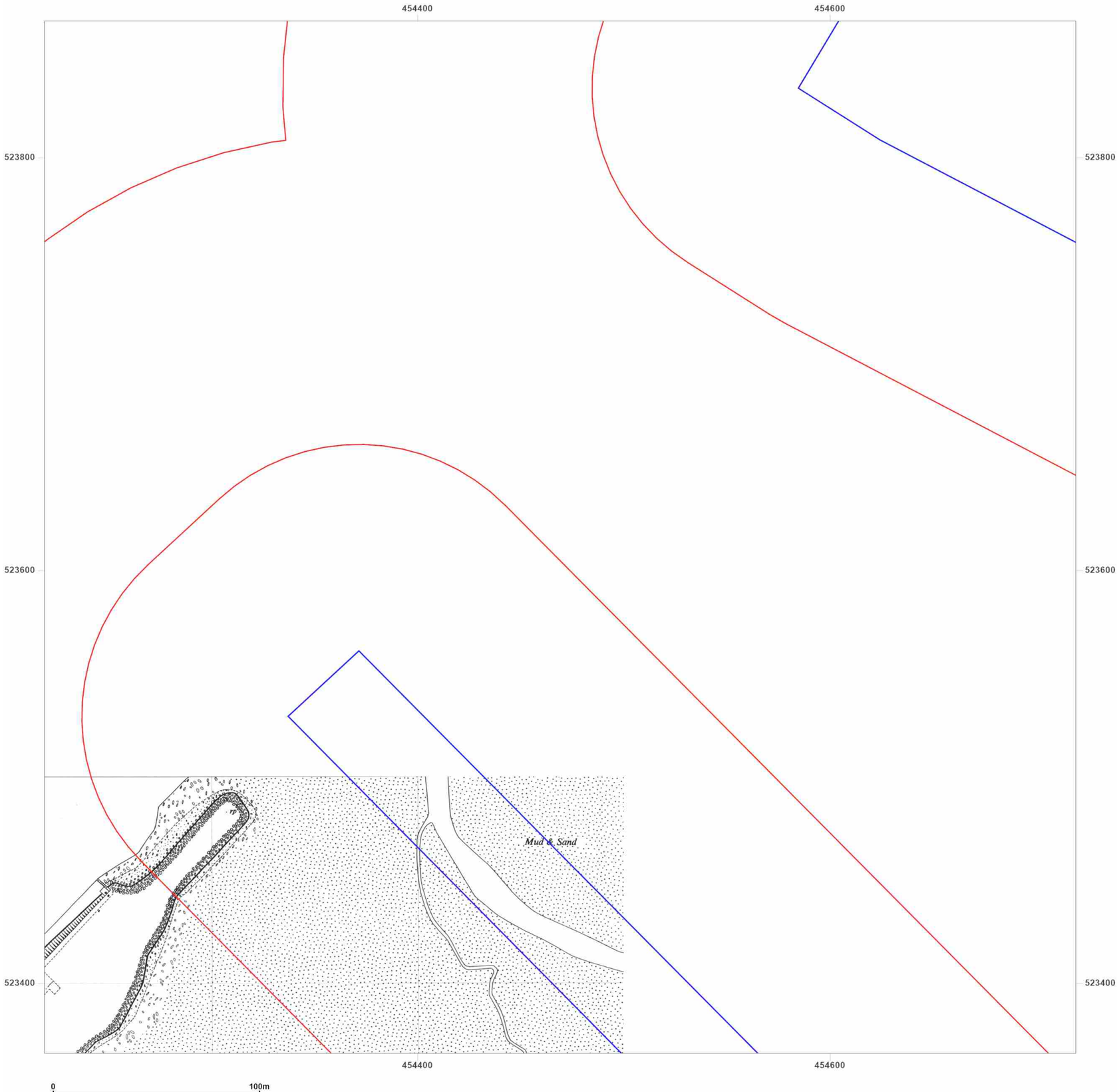
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Site Details:

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Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

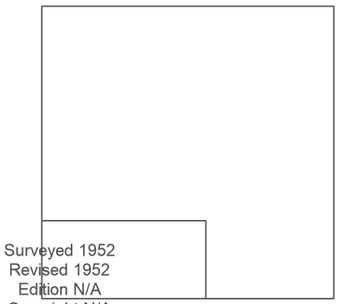
Map Name: National Grid

Map date: **1952**

Scale: 1:1,250

Printed at: 1:2,000

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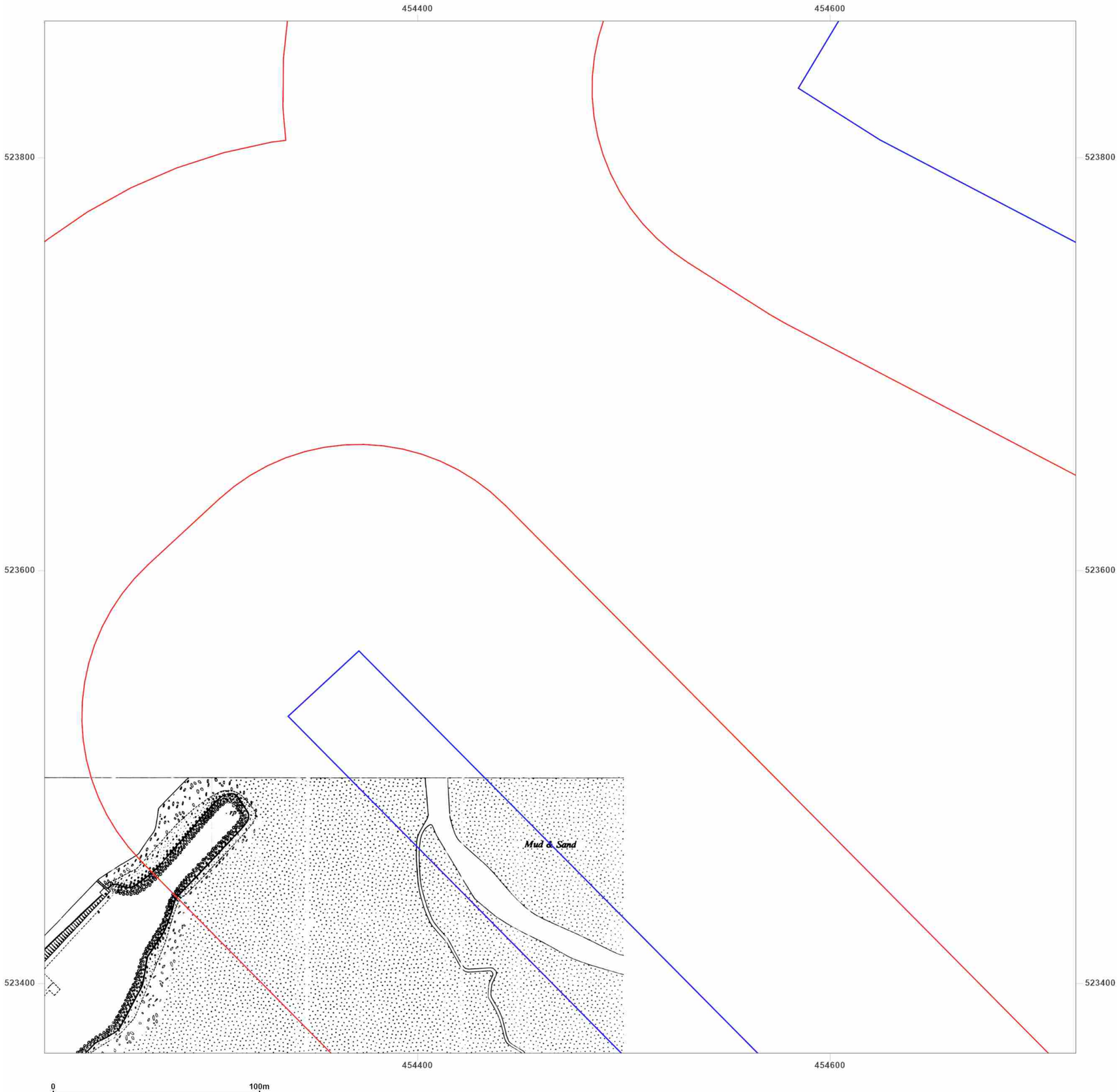
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Site Details:

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Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

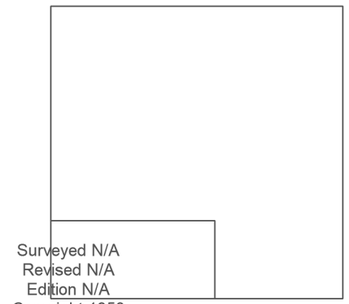
Map Name: National Grid

Map date: **1953**

Scale: 1:1,250

Printed at: 1:2,000

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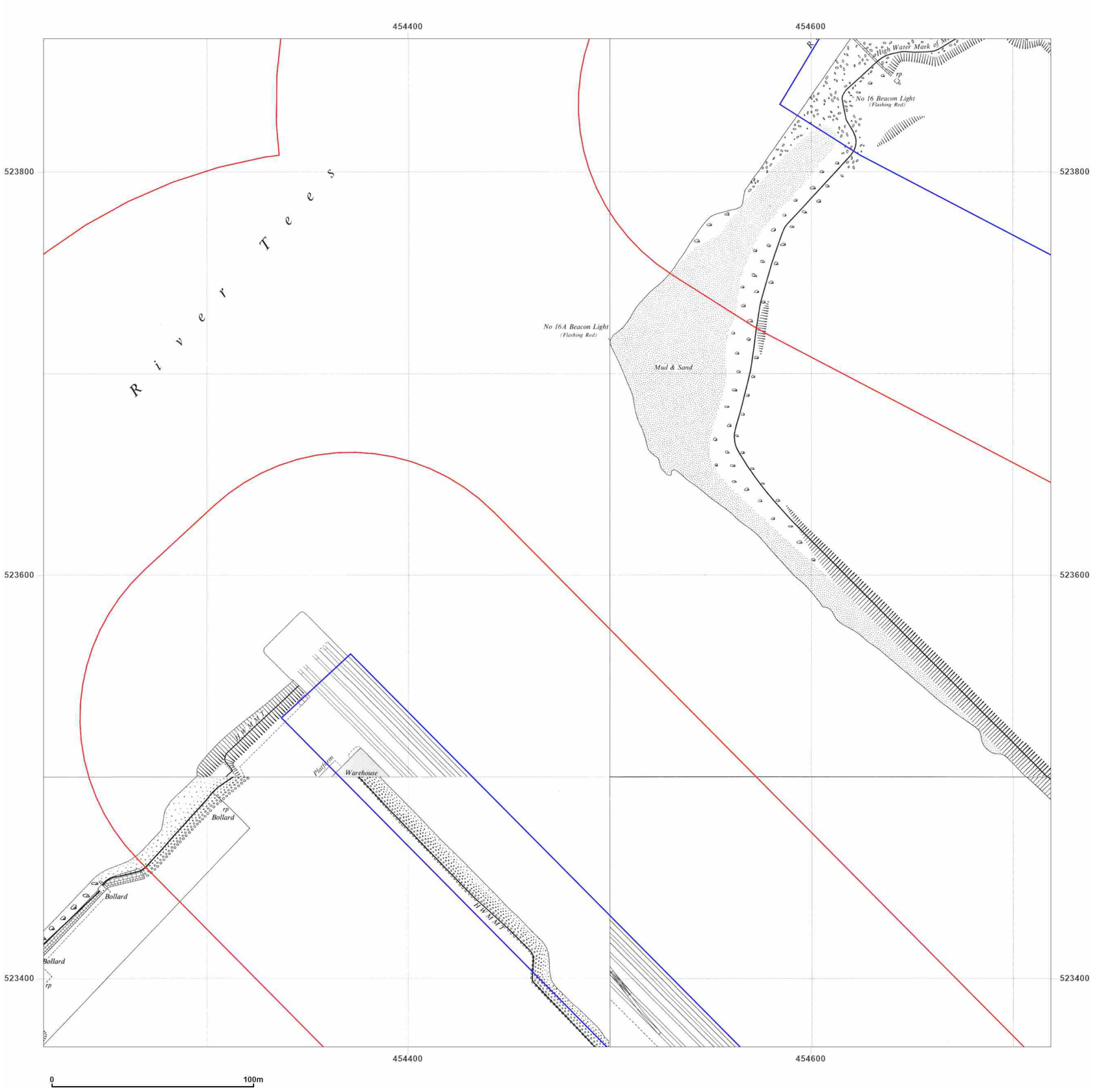
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Site Details:

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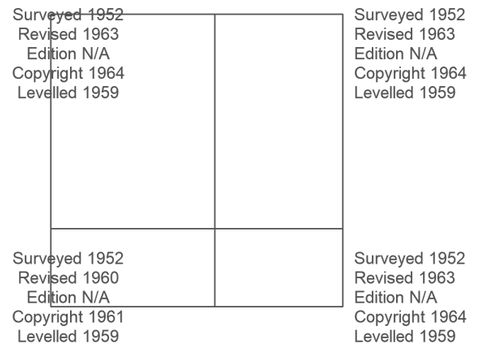
Map Name: National Grid

Map date: **1961-1964**

Scale: 1:1,250

Printed at: 1:2,000

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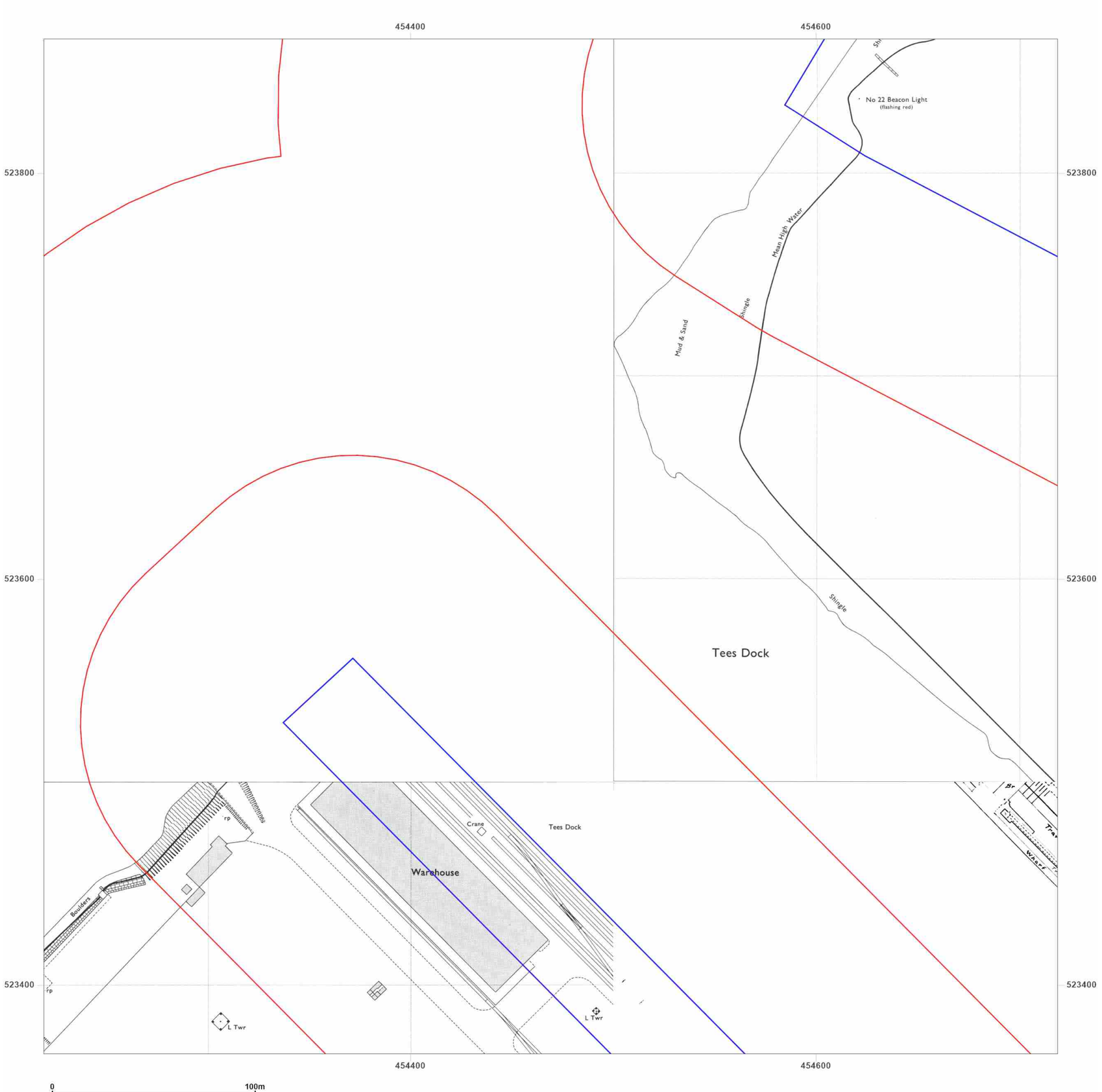
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Site Details:

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Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

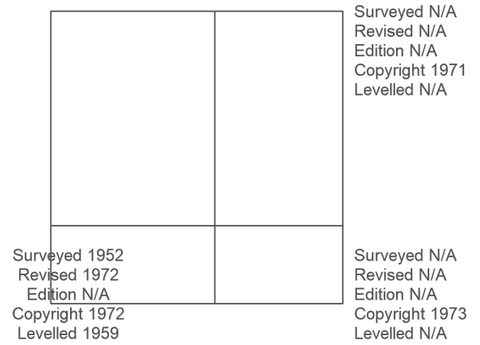
Map Name: National Grid

Map date: **1971-1973**

Scale: 1:1,250

Printed at: 1:2,000

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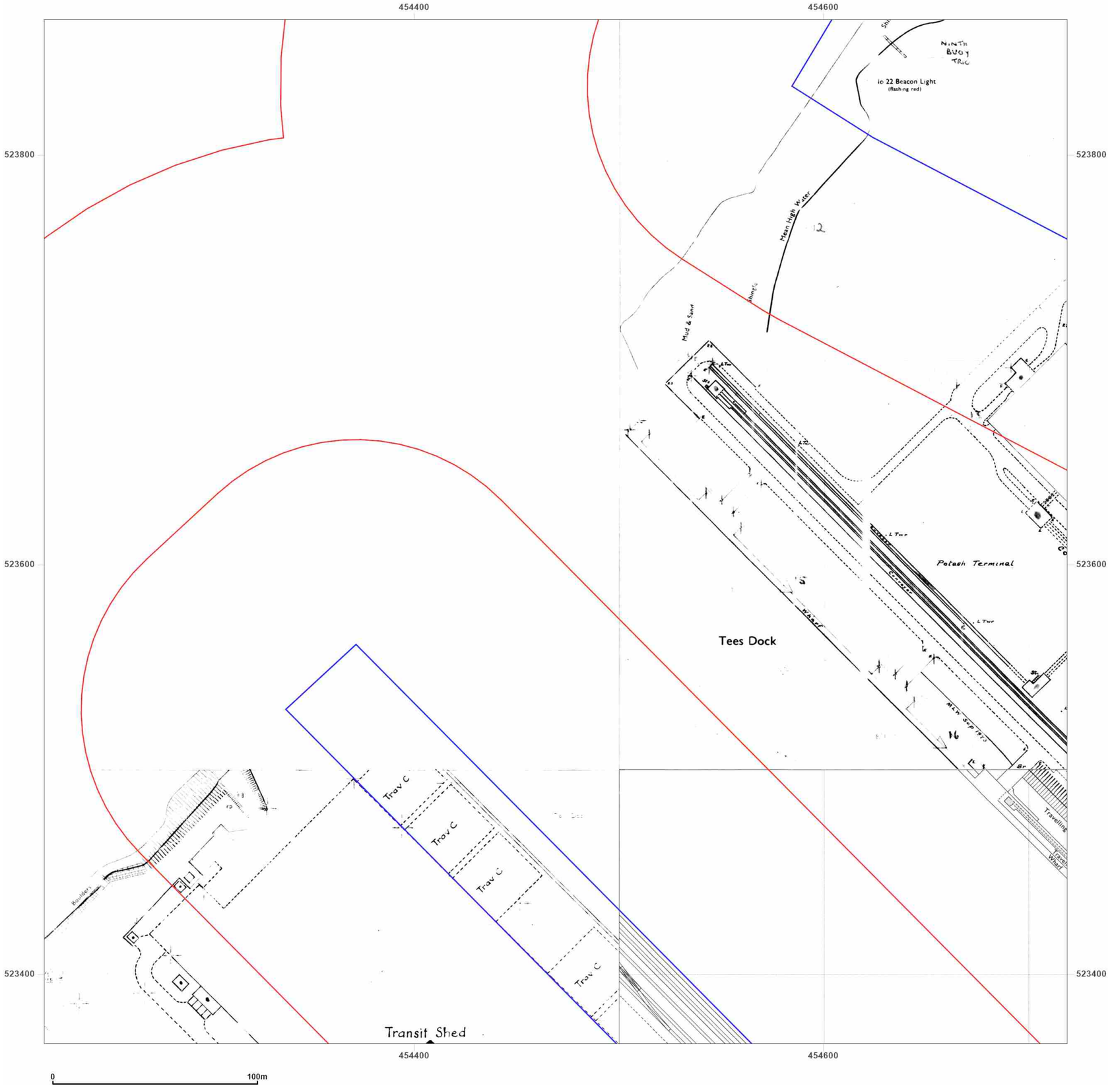
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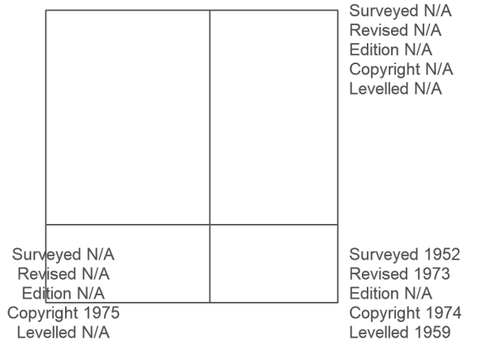
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Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

Map Name: National Grid
Map date: **1974-1975**
Scale: 1:1,250
Printed at: 1:2,000

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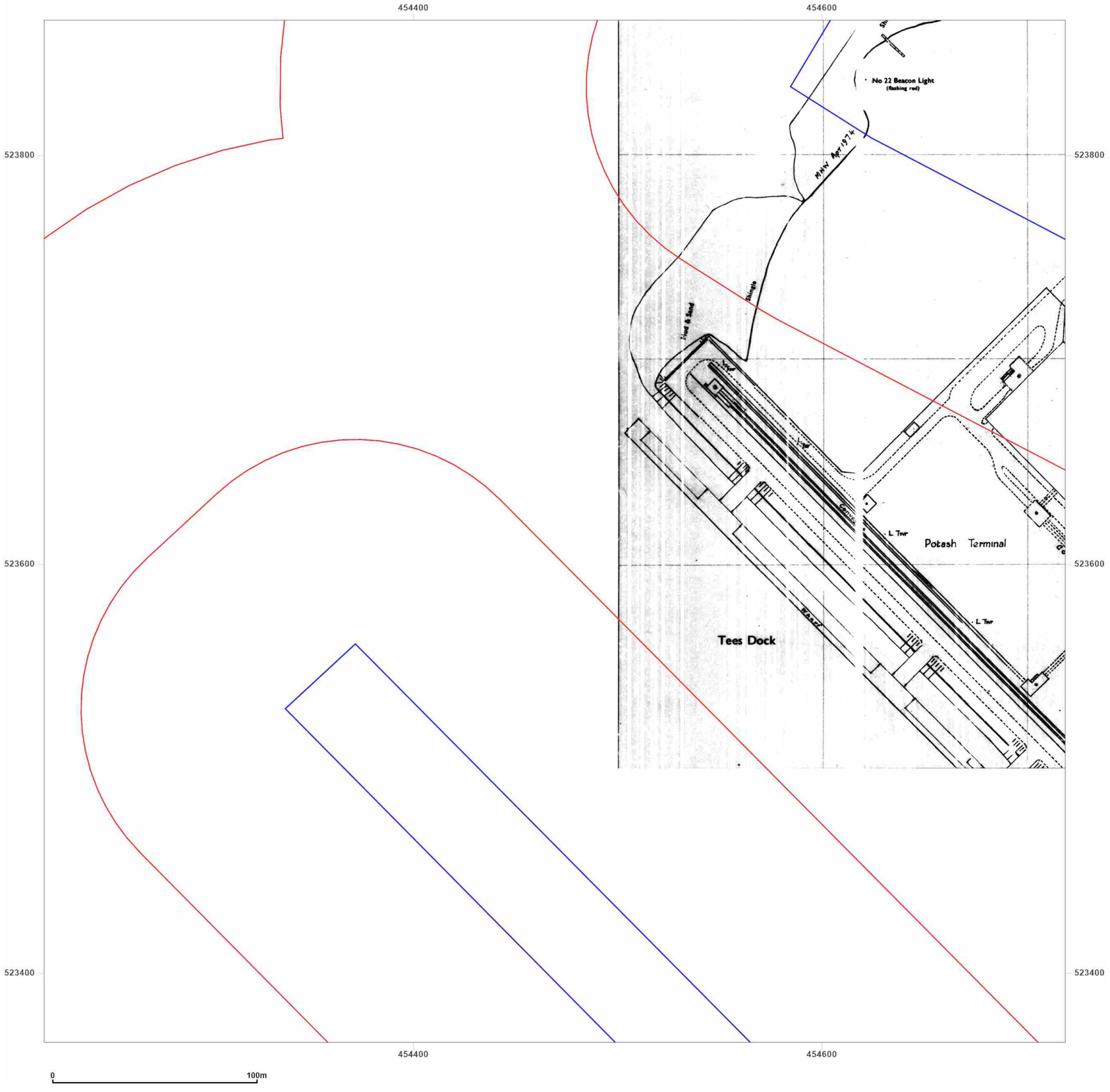
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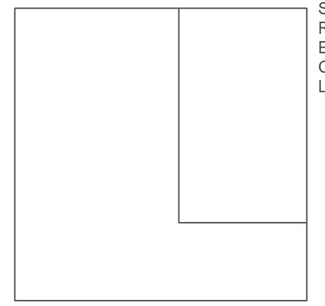
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Grid Ref: 454469, 523616

Map Name: National Grid
Map date: **1978**
Scale: 1:1,250
Printed at: 1:2,000

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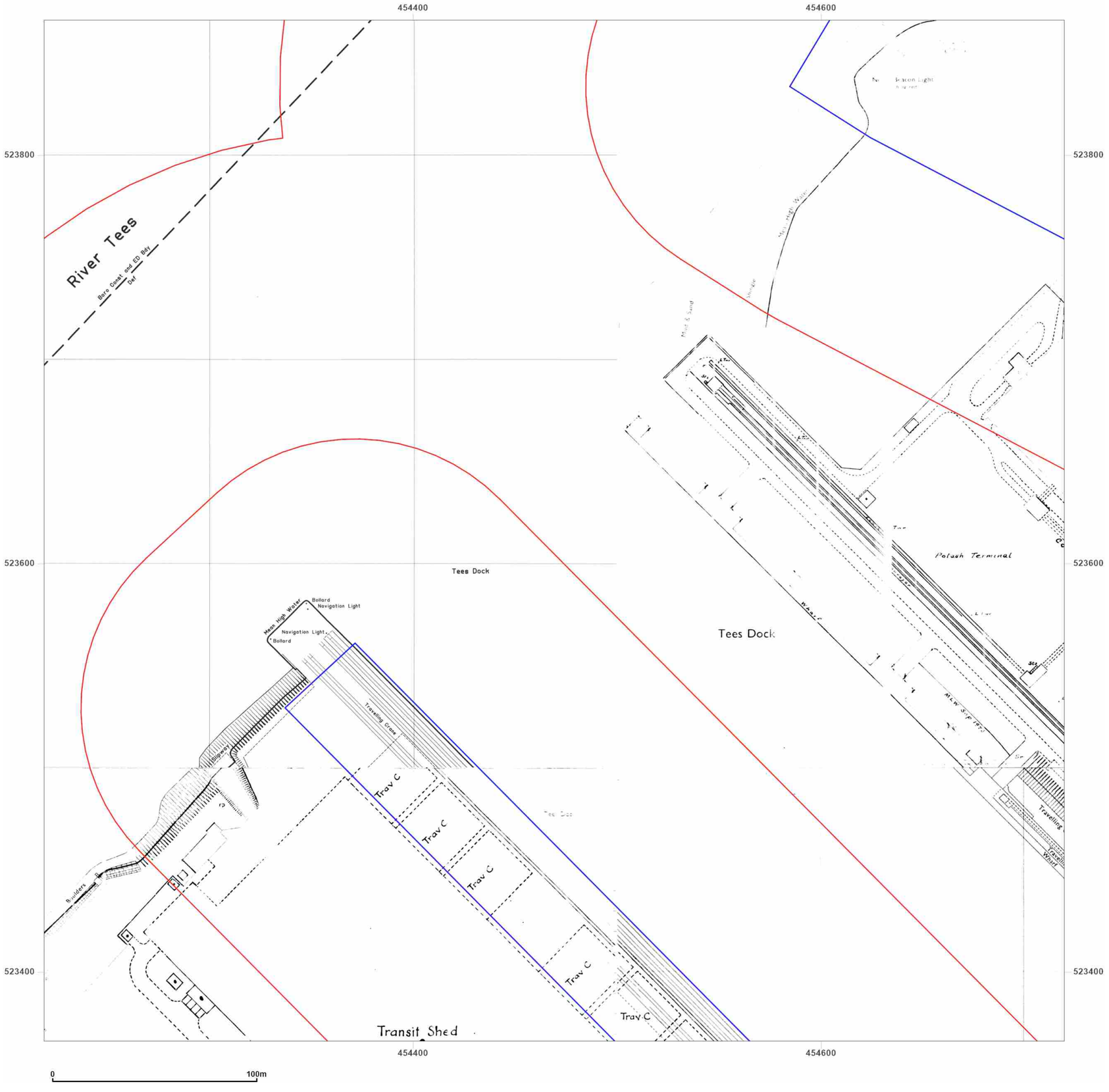
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

Map Name: National Grid
Map date: **1976-1981**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed 1963 Revised 1980 Edition N/A Copyright 1981 Levelled 1959	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A
Surveyed N/A Revised N/A Edition N/A Copyright 1977 Levelled N/A	Surveyed 1959 Revised 1980 Edition N/A Copyright 1980 Levelled 1959

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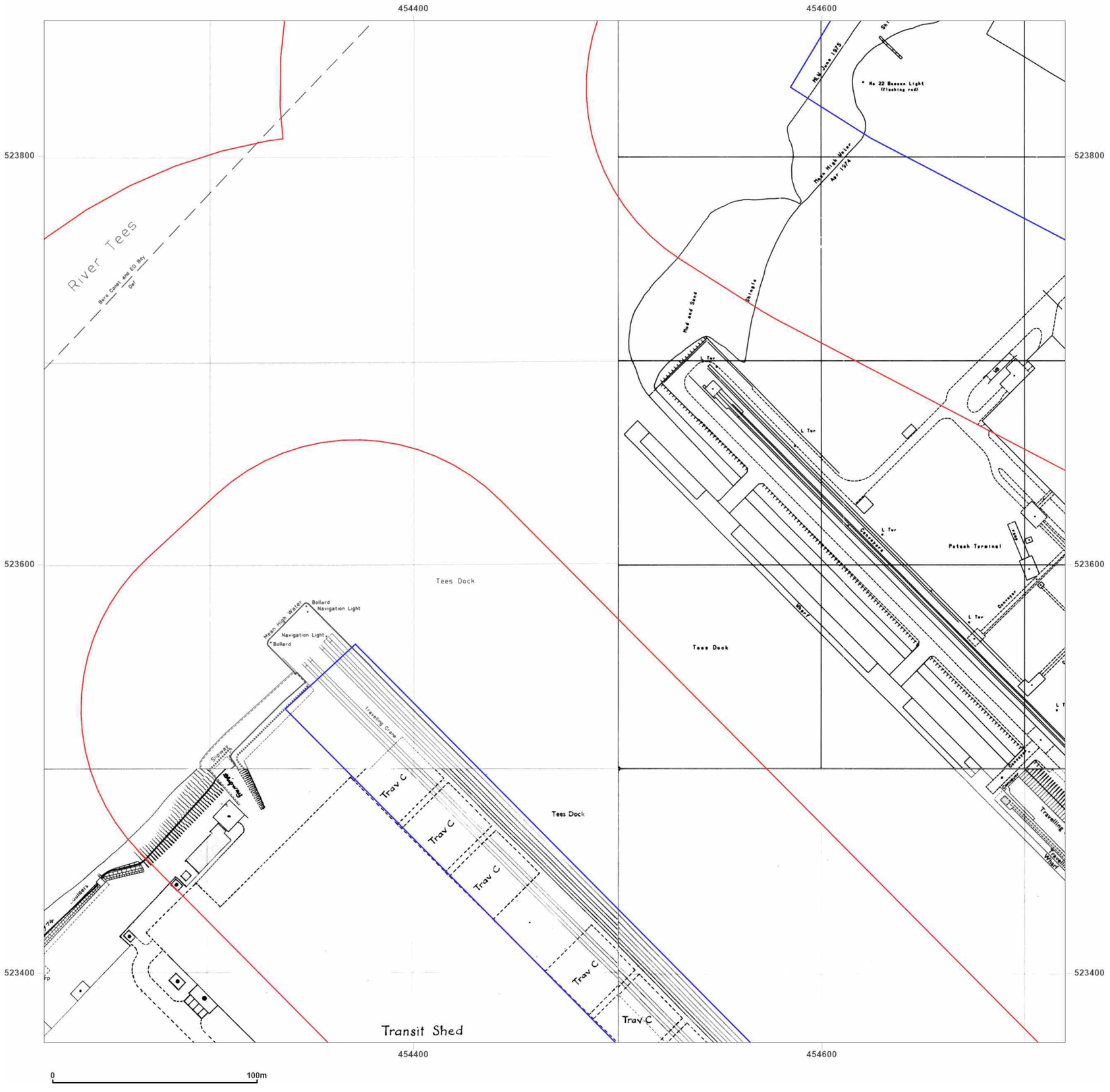
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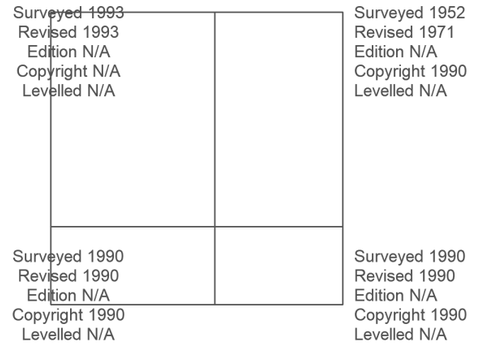
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Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

Map Name: National Grid
Map date: **1990-1993**
Scale: 1:1,250
Printed at: 1:2,000

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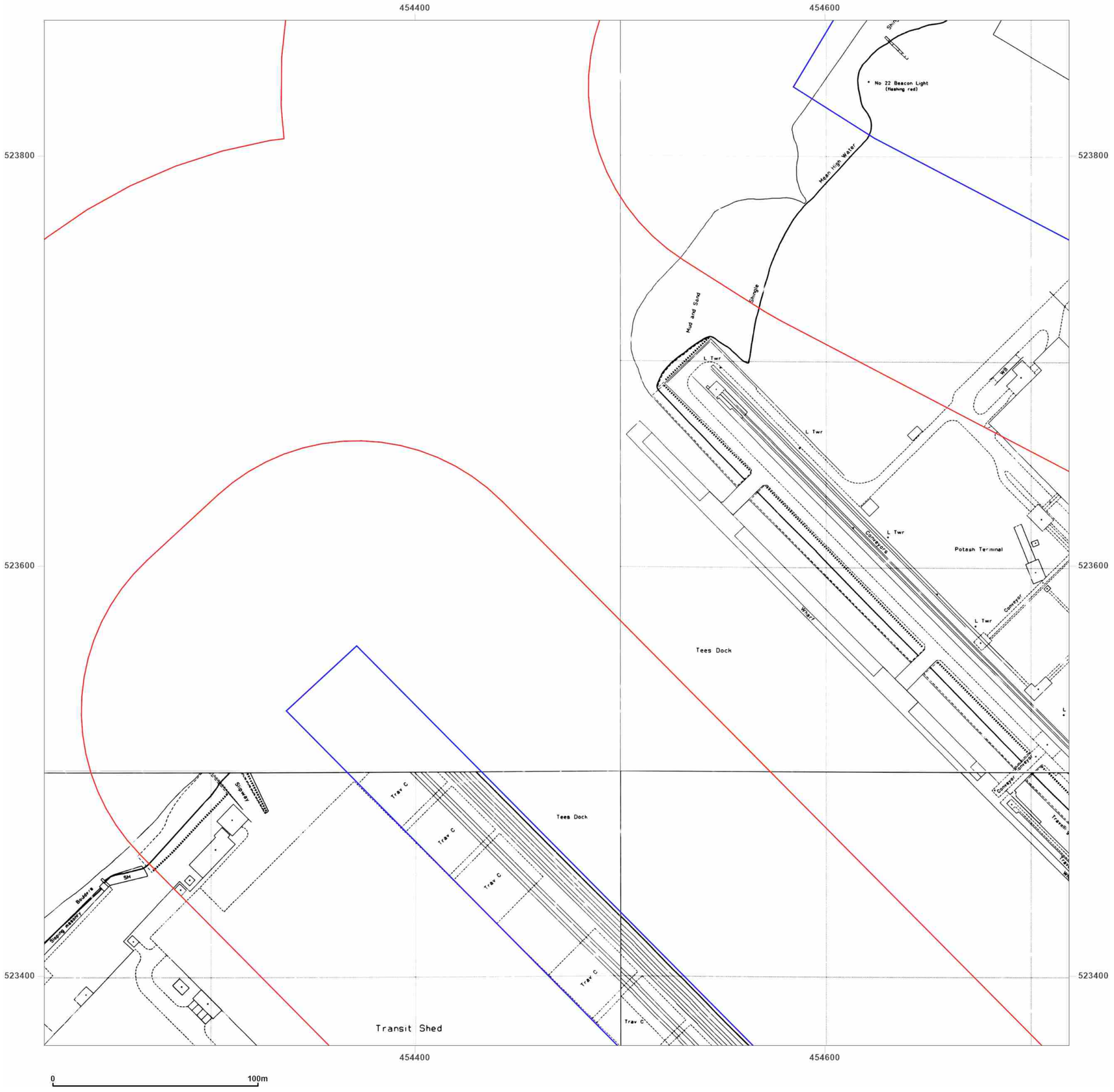
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unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

Map Name: National Grid
Map date: **1993**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
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Revised N/A
Edition N/A
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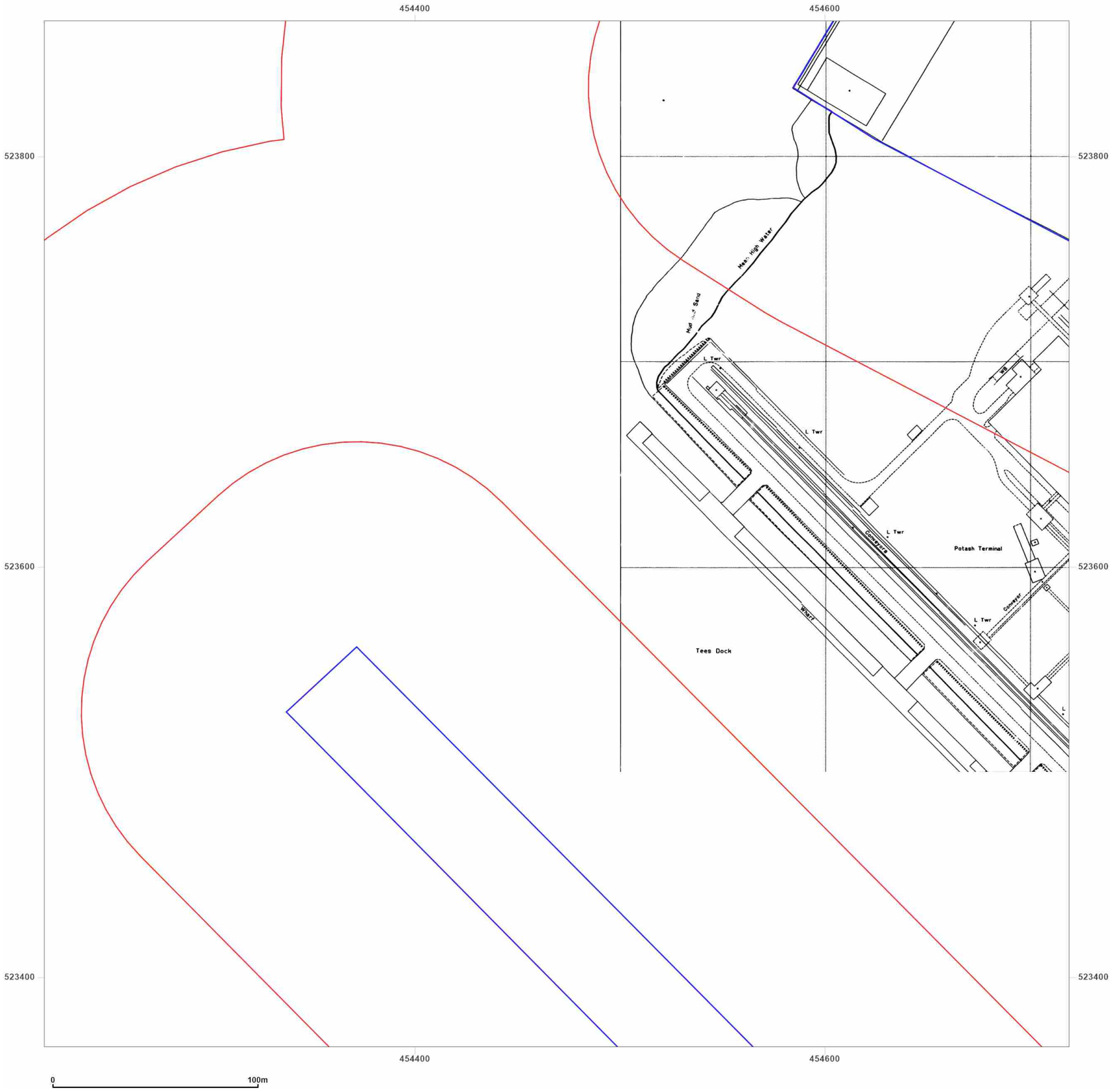
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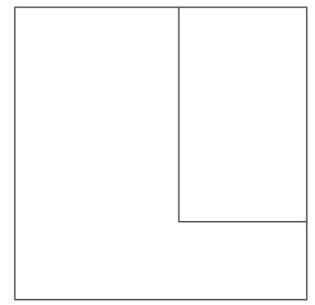
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Report Ref: EMS-988829_1252673_1250_1_3
Grid Ref: 454469, 523616

Map Name: National Grid
Map date: **1994**
Scale: 1:1,250
Printed at: 1:2,000

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Revised N/A
Edition N/A
Copyright 1994
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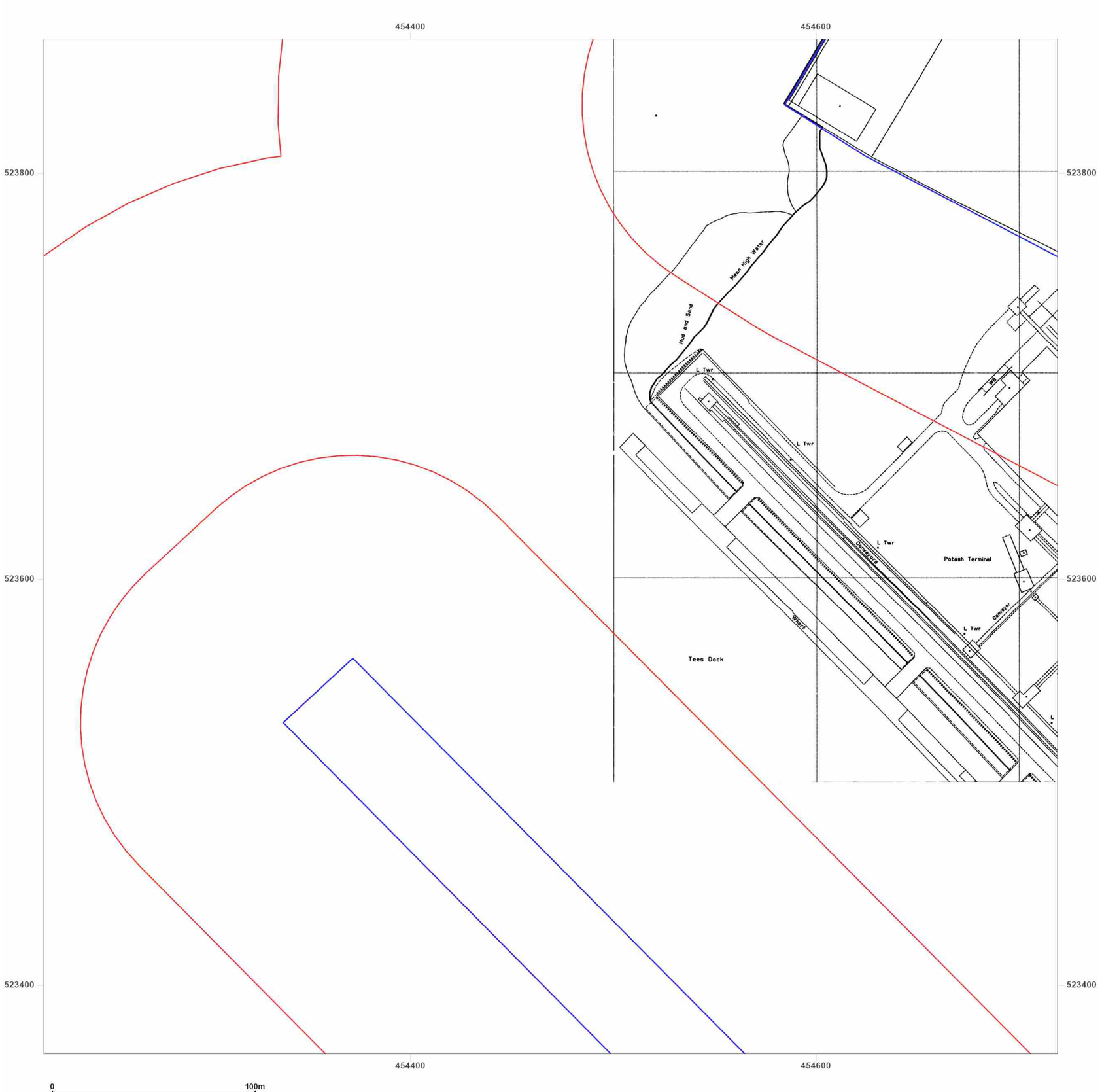
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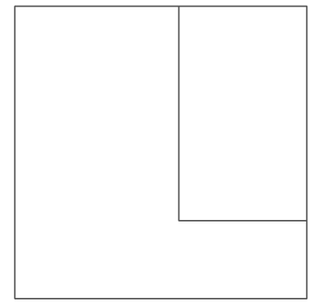
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Grid Ref: 454469, 523616

Map Name: National Grid
Map date: **1994**
Scale: 1:1,250
Printed at: 1:2,000

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Edition N/A
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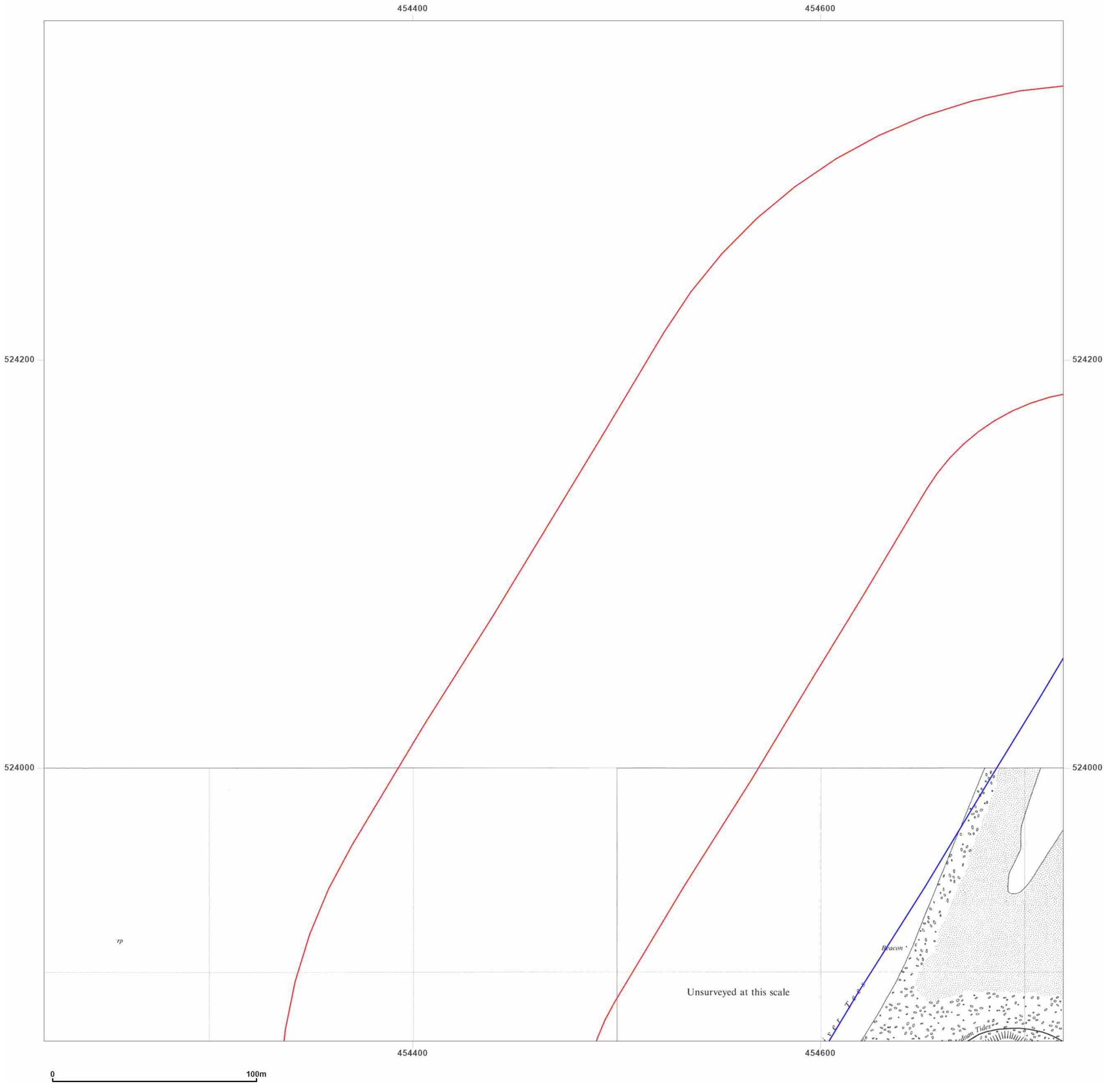
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Site Details:

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Report Ref: EMS-988829_1252673_1250_1_4
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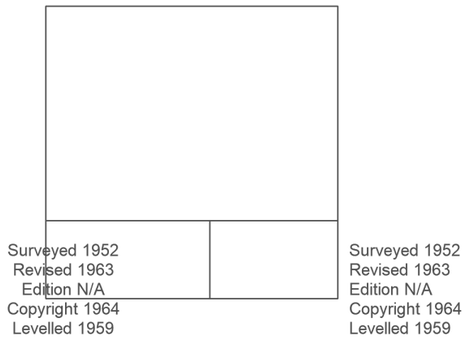
Map Name: National Grid

Map date: **1964**

Scale: 1:1,250

Printed at: 1:2,000

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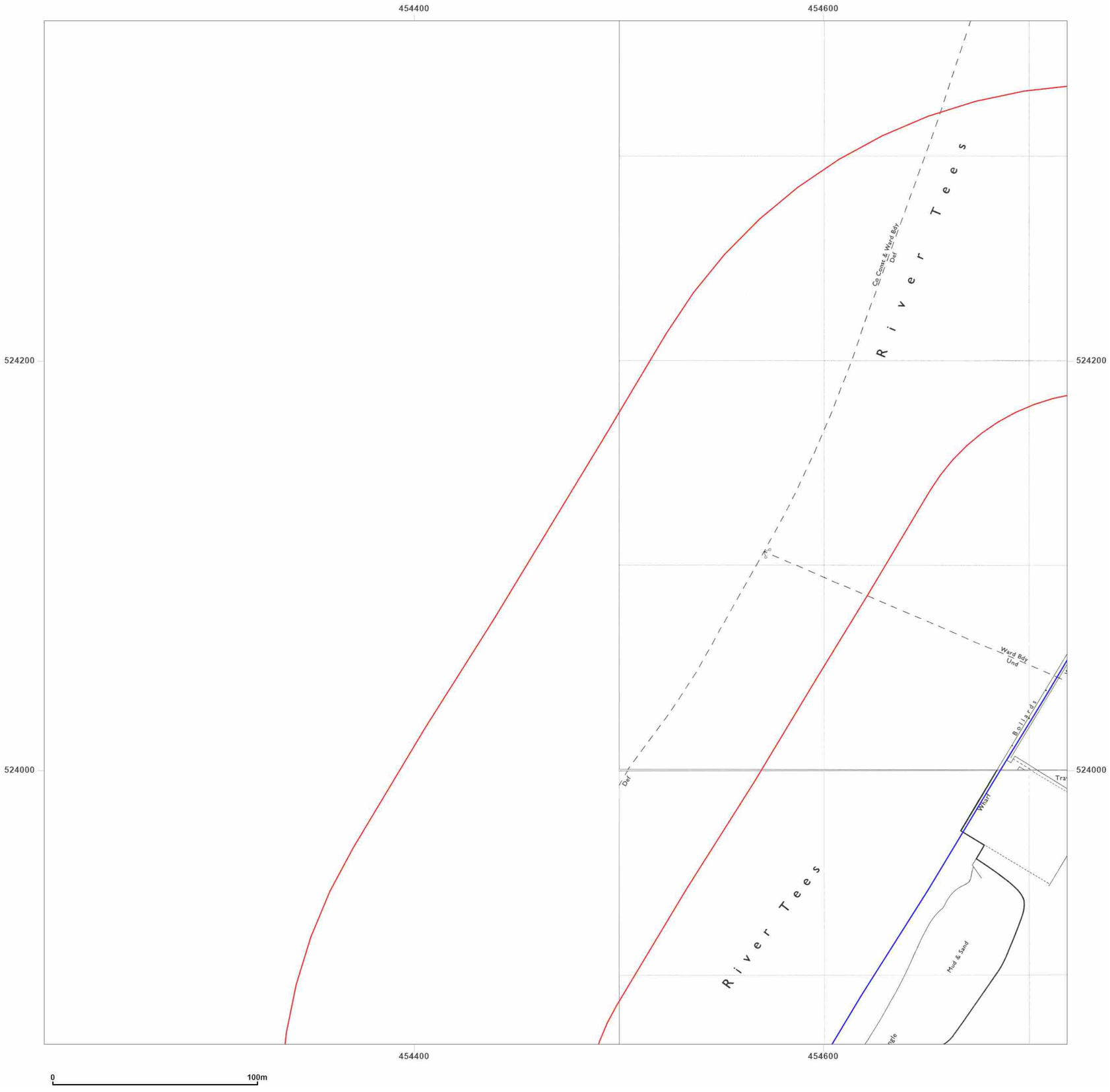
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Site Details:

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Report Ref: EMS-988829_1252673_1250_1_4
Grid Ref: 454469, 524116

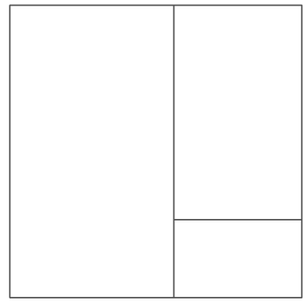
Map Name: National Grid

Map date: **1970-1971**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
Copyright 1971
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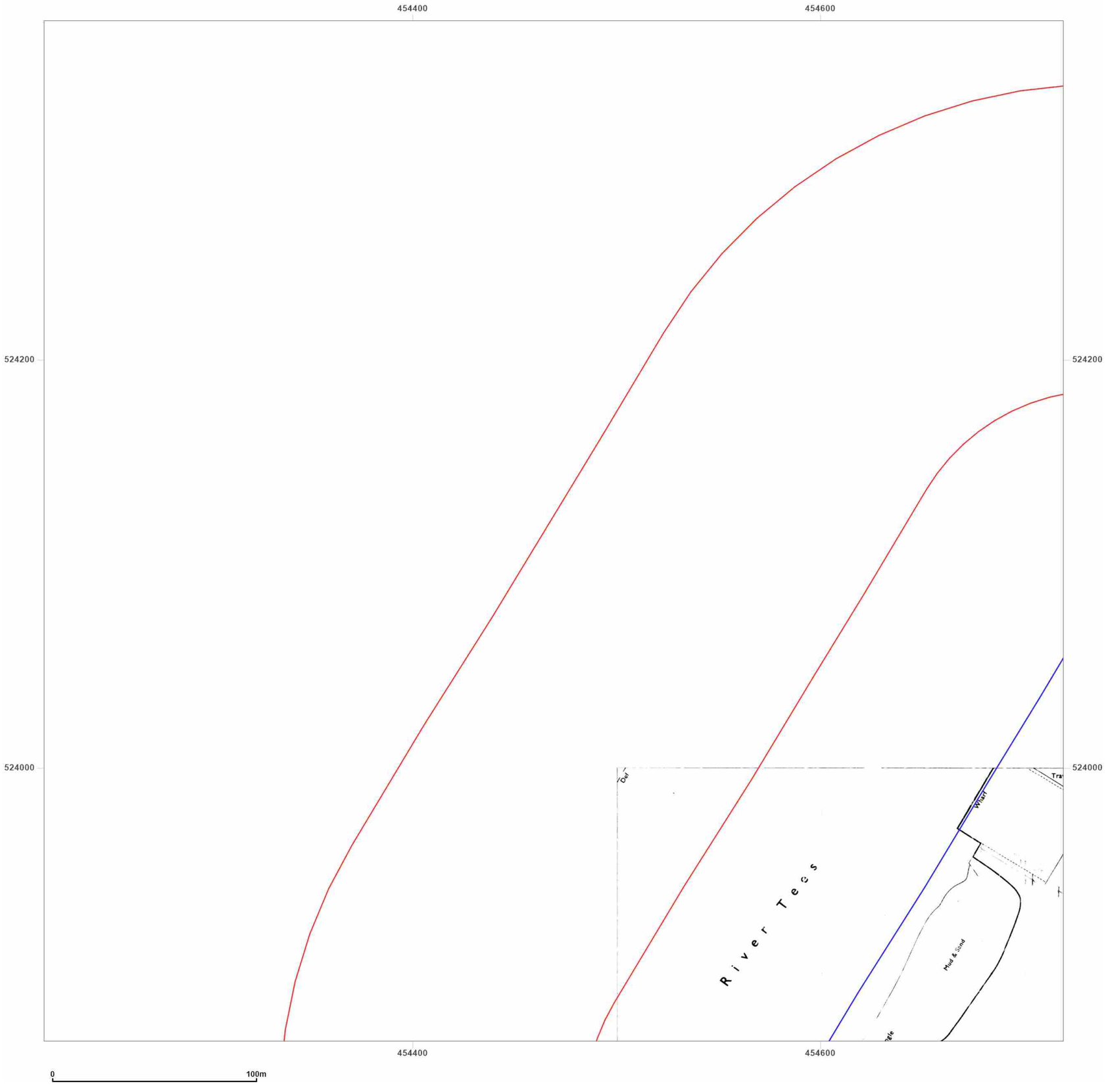
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Site Details:

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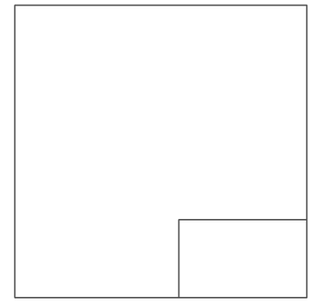
Map Name: National Grid

Map date: **1974**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
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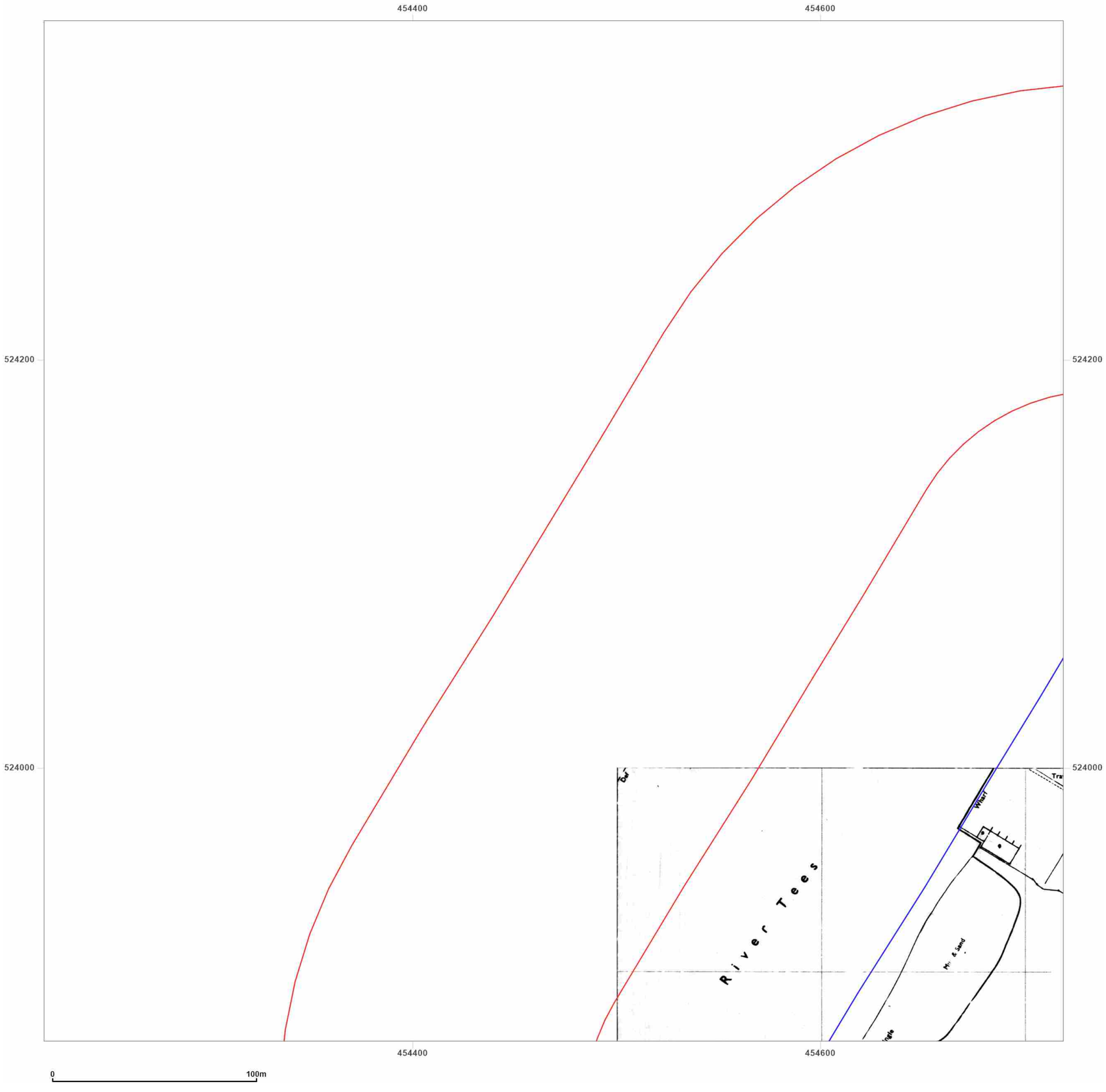
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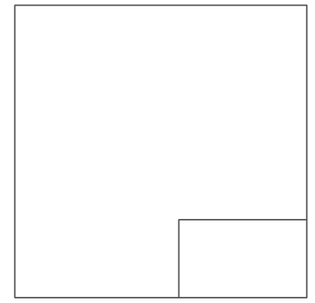
Map Name: National Grid

Map date: **1978**

Scale: 1:1,250

Printed at: 1:2,000

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Edition N/A
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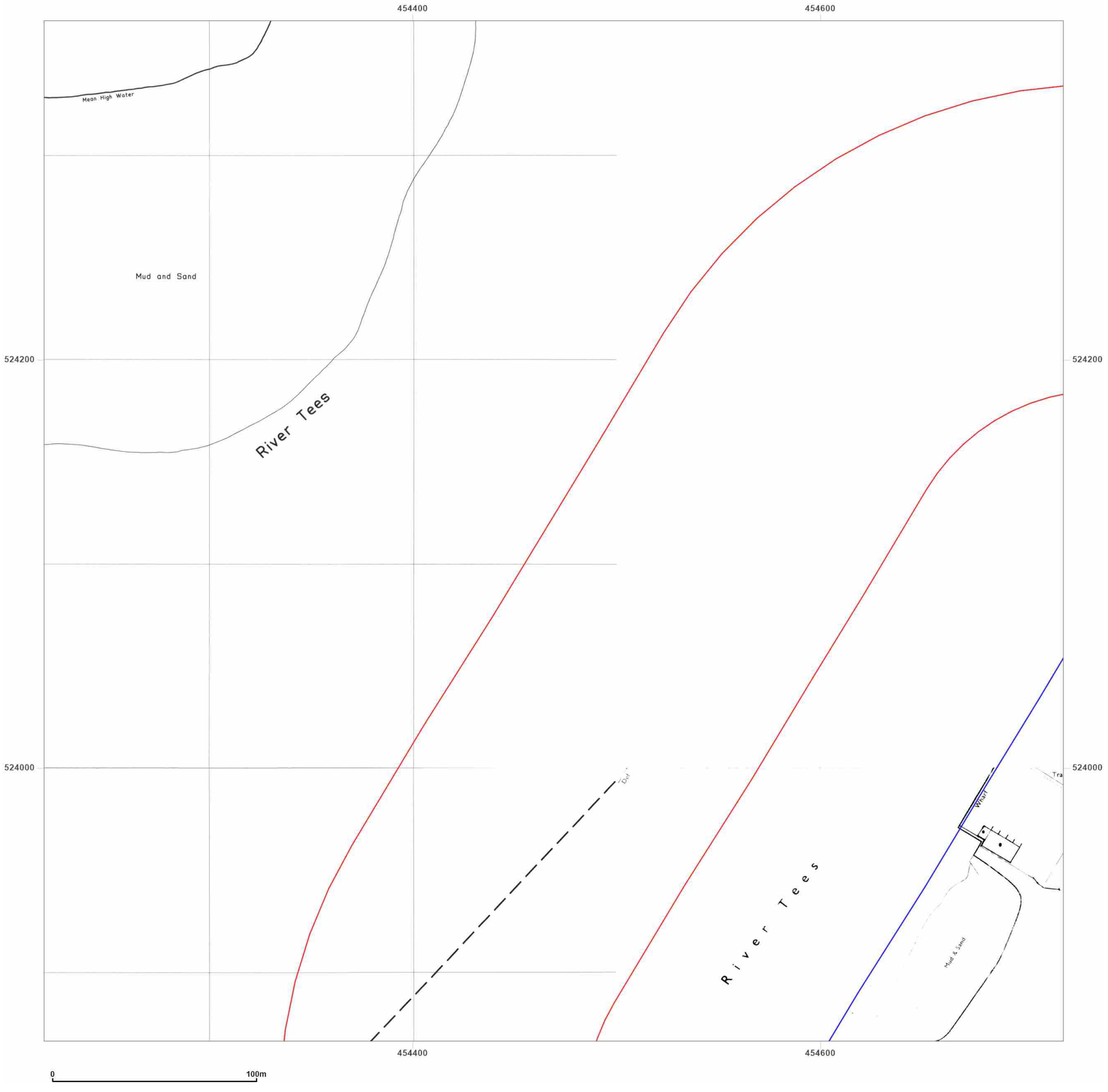
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Report Ref: EMS-988829_1252673_1250_1_4
Grid Ref: 454469, 524116

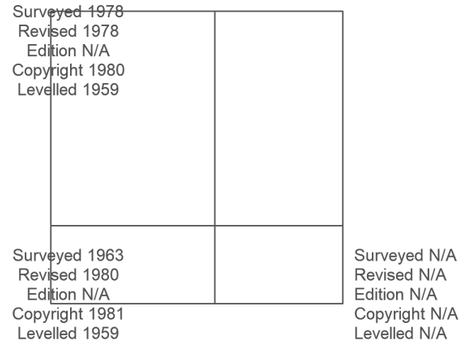
Map Name: National Grid

Map date: **1976-1981**

Scale: 1:1,250

Printed at: 1:2,000

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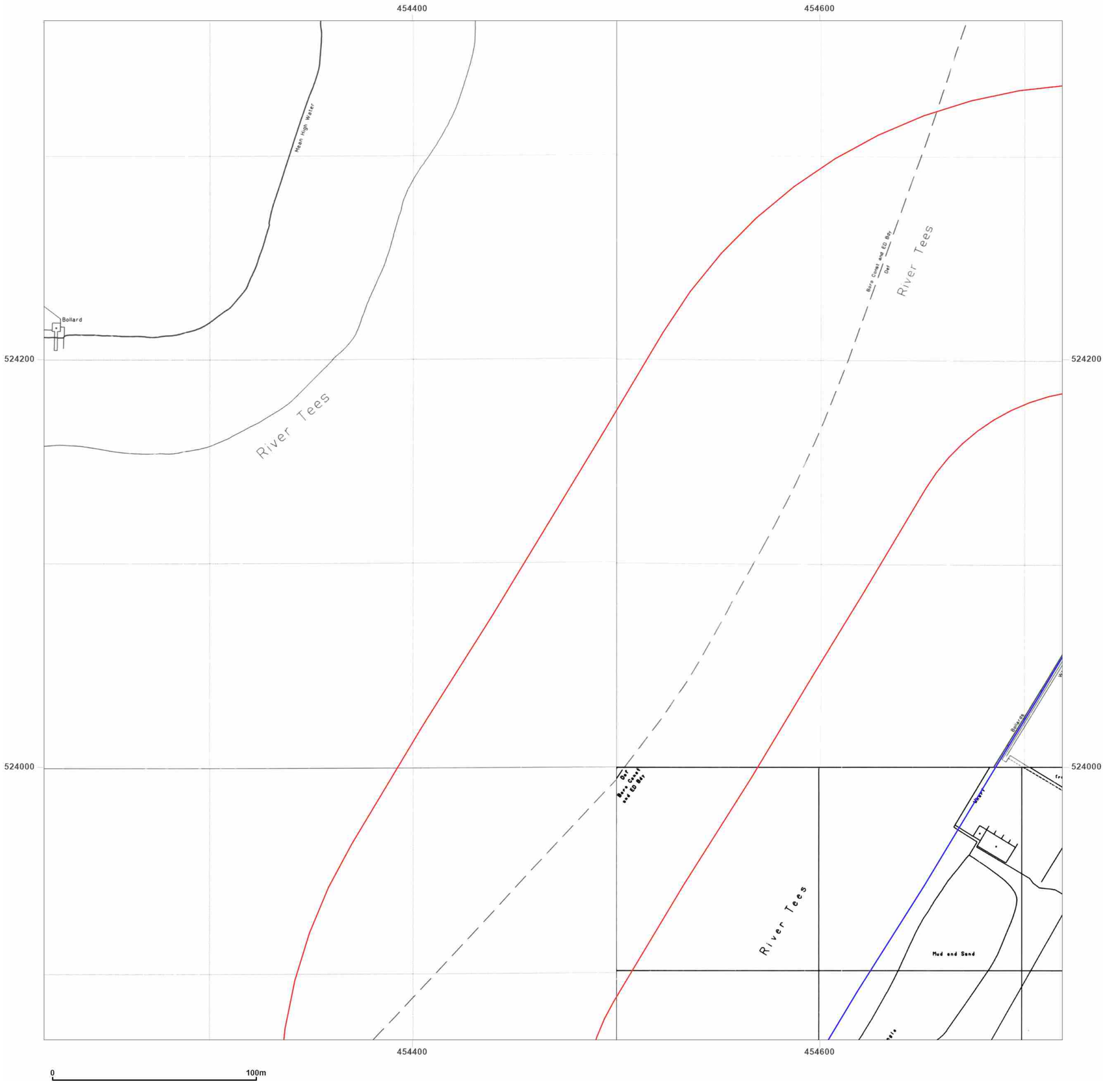
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Site Details:

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Report Ref: EMS-988829_1252673_1250_1_4
Grid Ref: 454469, 524116

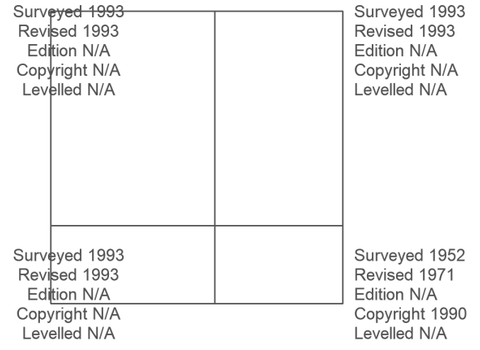
Map Name: National Grid

Map date: **1990-1993**

Scale: 1:1,250

Printed at: 1:2,000

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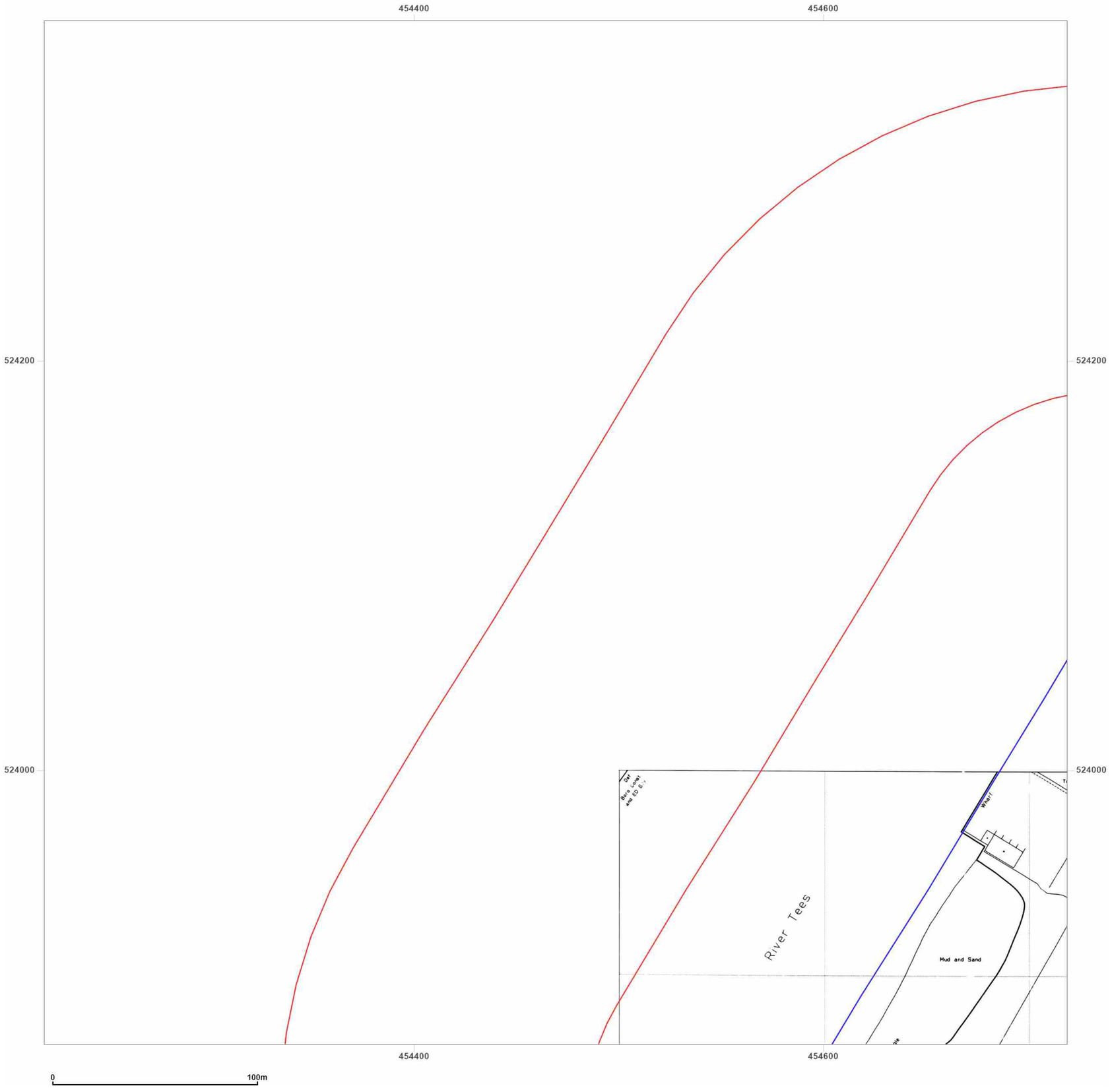
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_1_4
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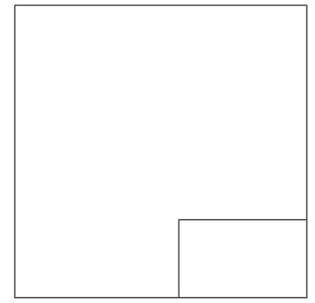
Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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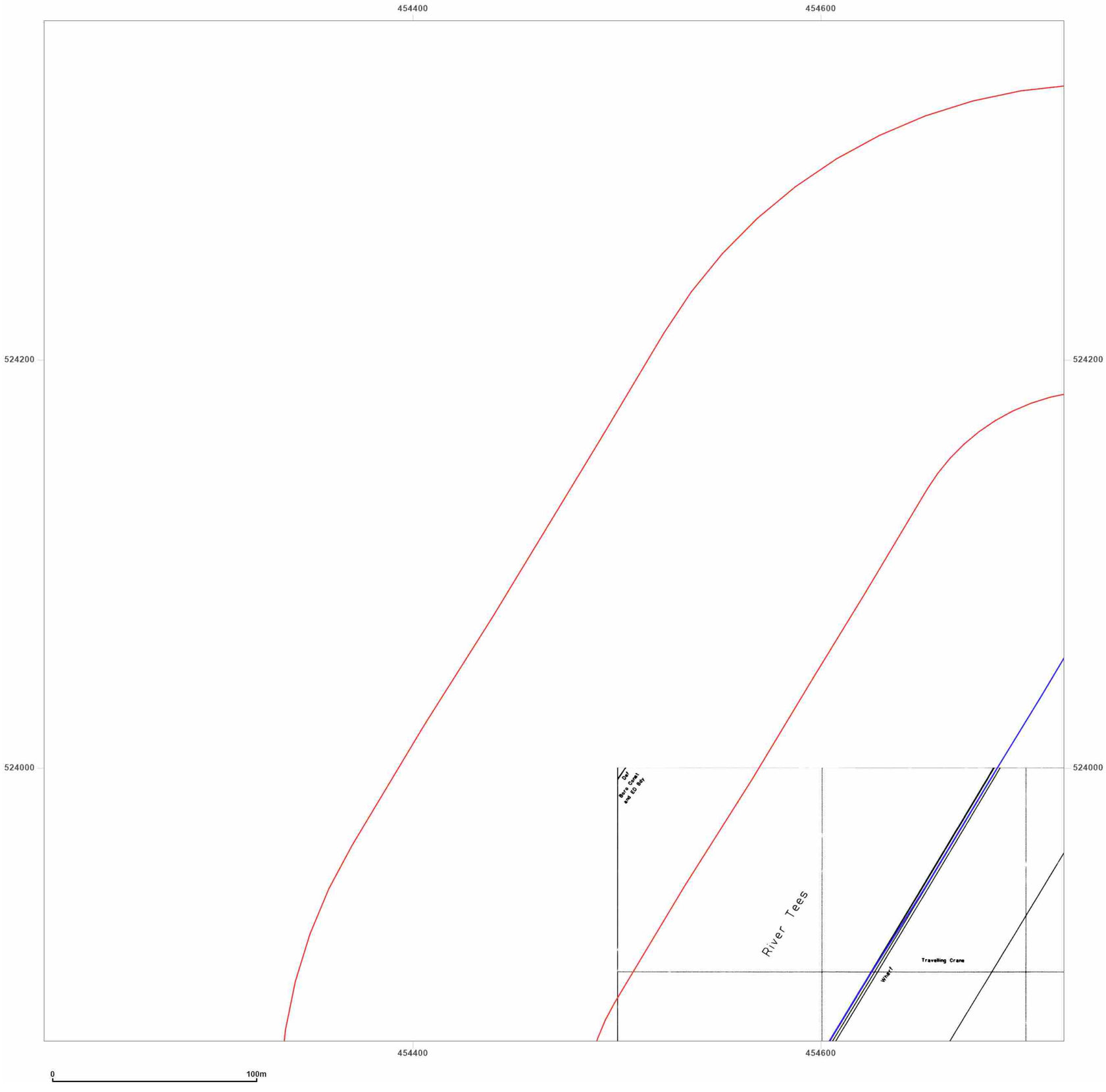
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Site Details:

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Report Ref: EMS-988829_1252673_1250_1_4
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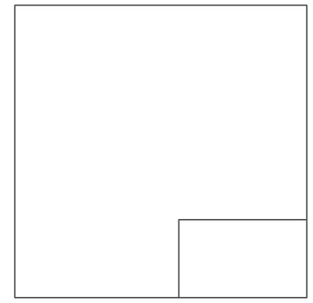
Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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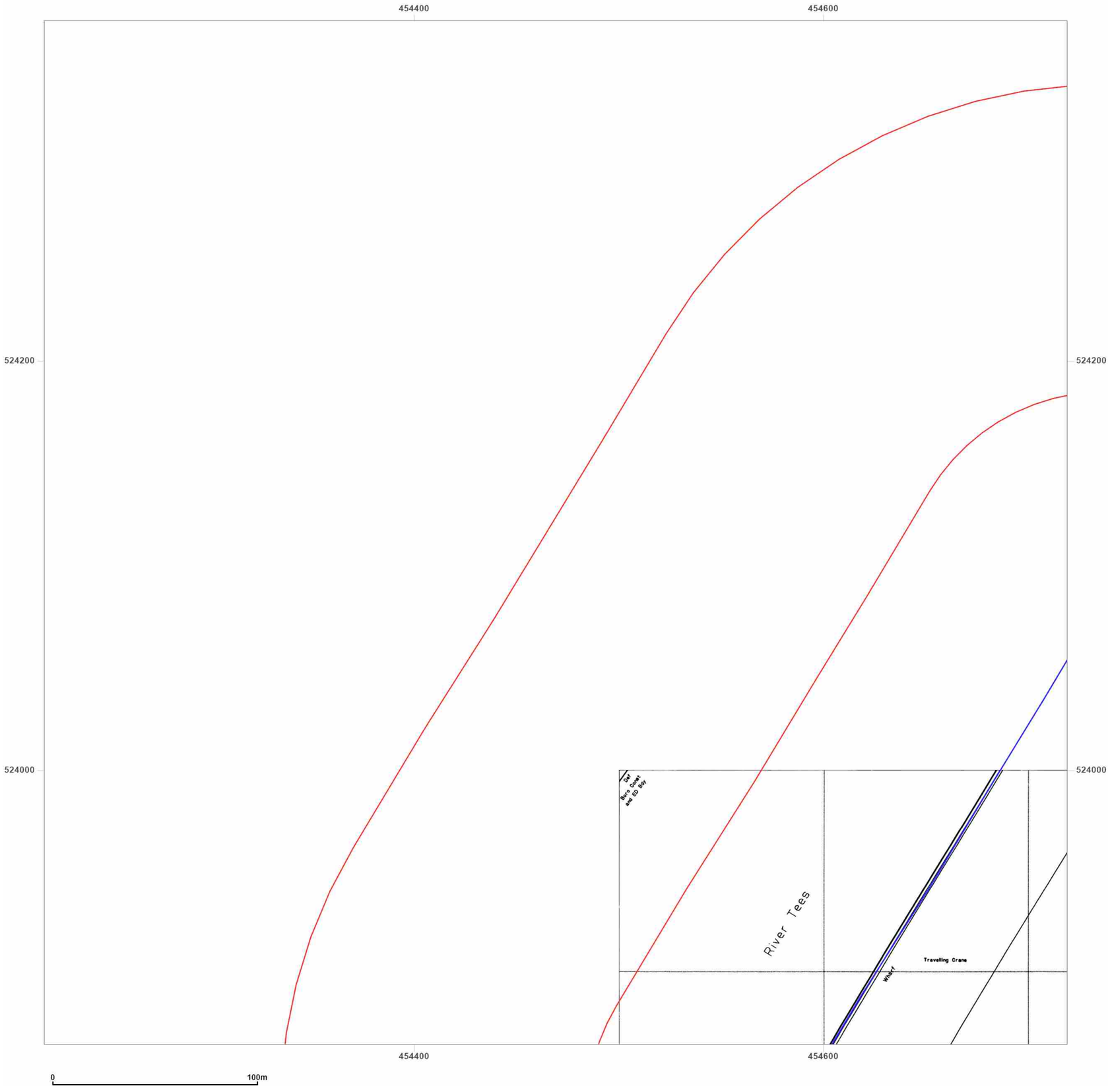
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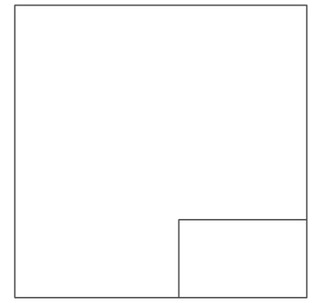
Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

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Revised 1994
Edition N/A
Copyright 1994
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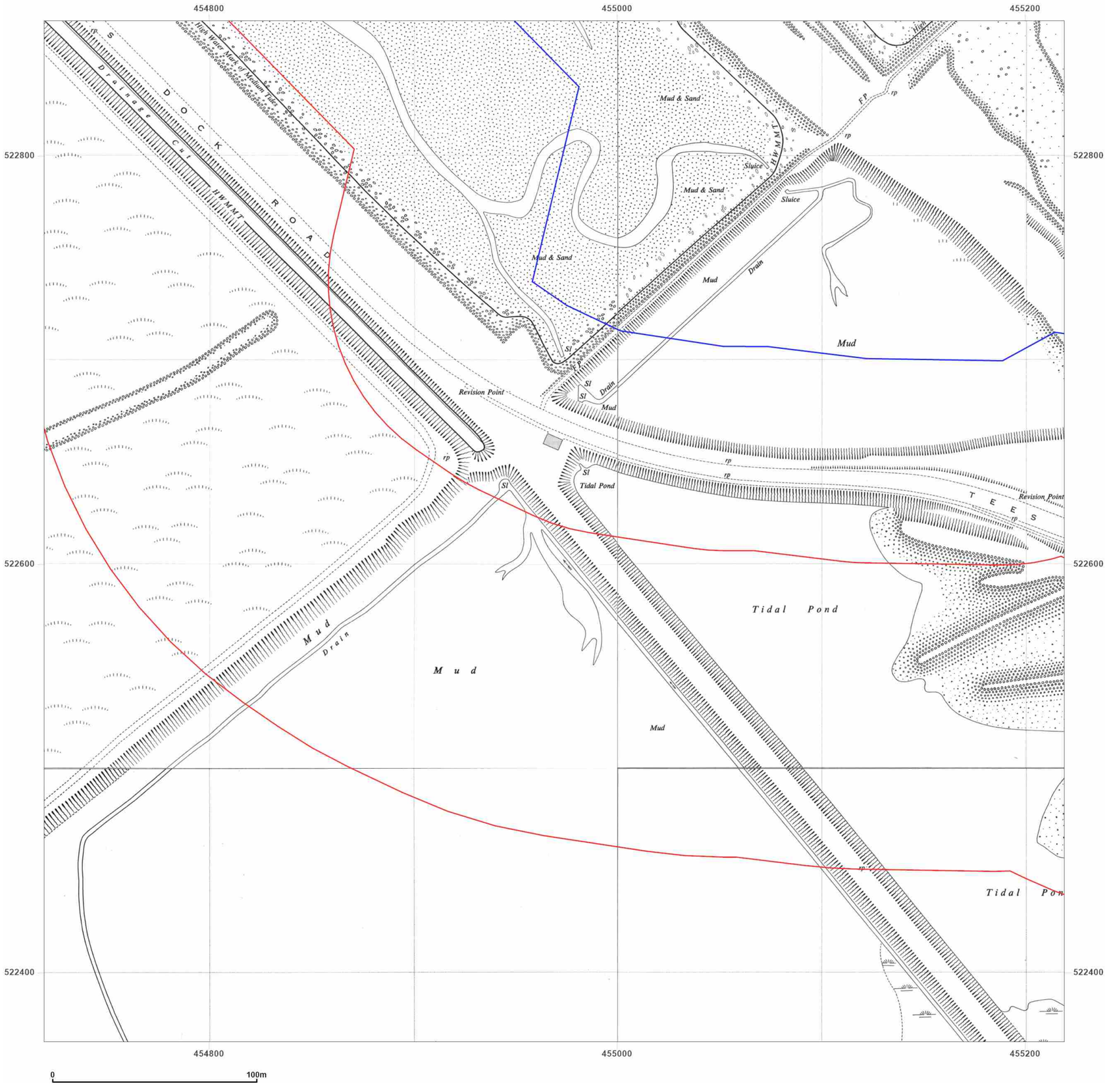
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

Map Name: National Grid

Map date: **1952**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948	Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948
Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948	Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948

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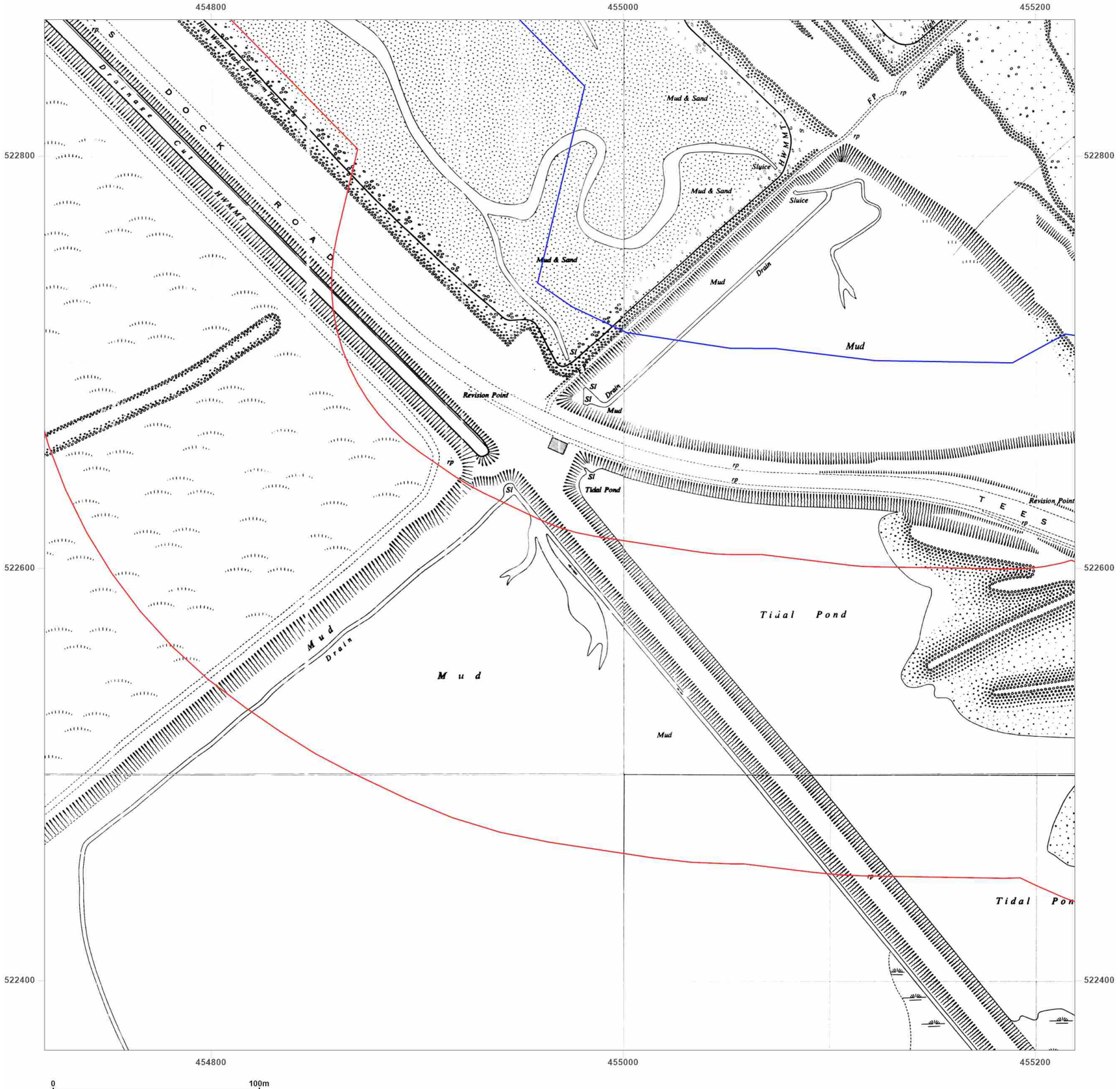
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

Map Name: National Grid

Map date: **1953**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1953 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1953 Levelled N/A
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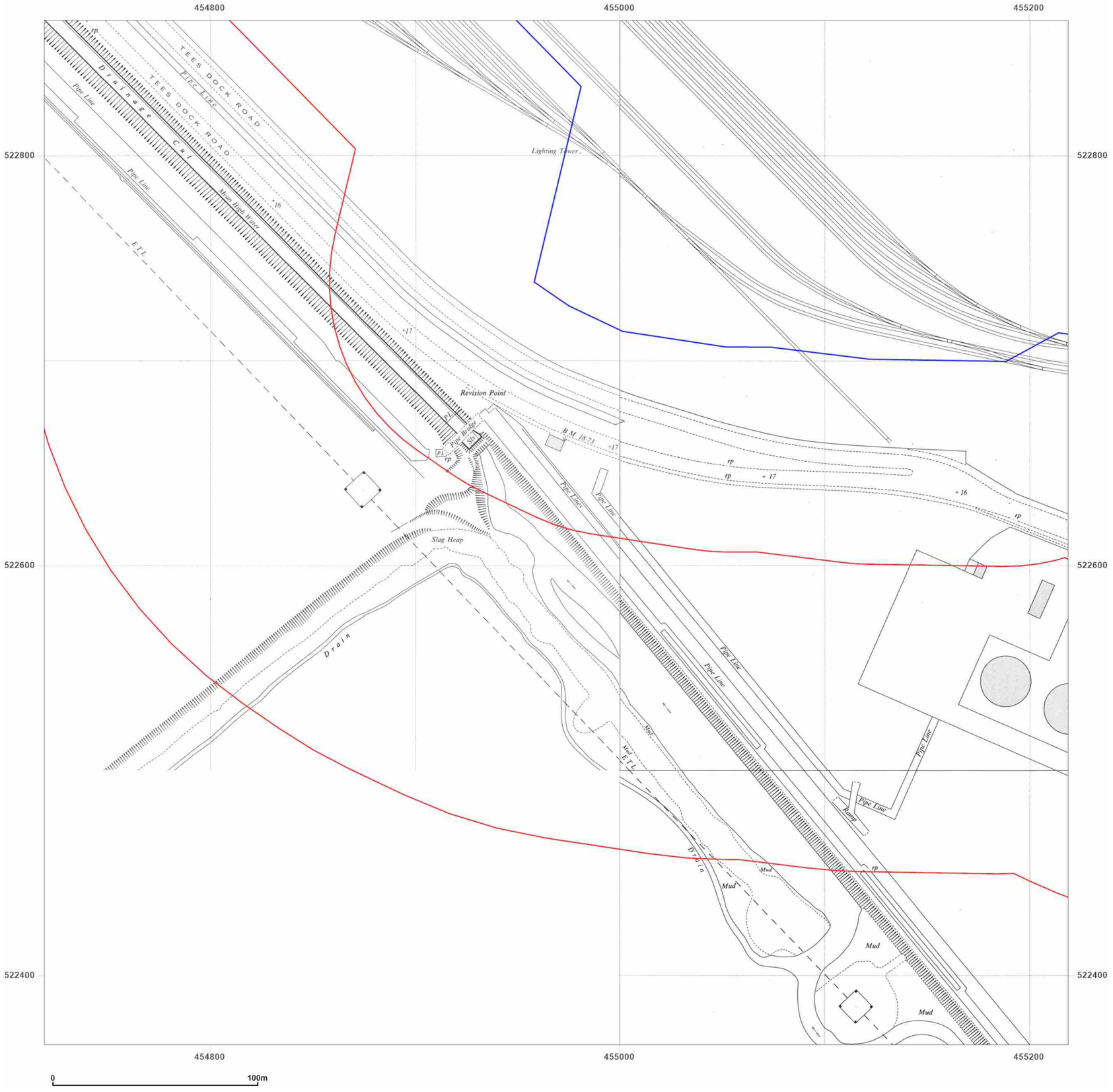
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

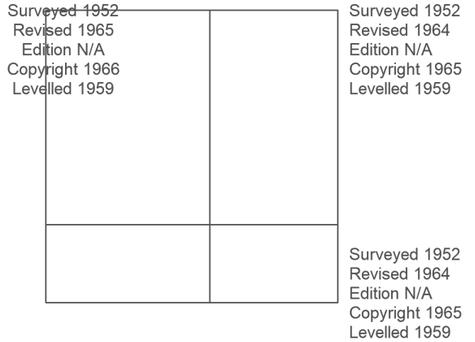
Map Name: National Grid

Map date: **1965-1966**

Scale: 1:1,250

Printed at: 1:2,000

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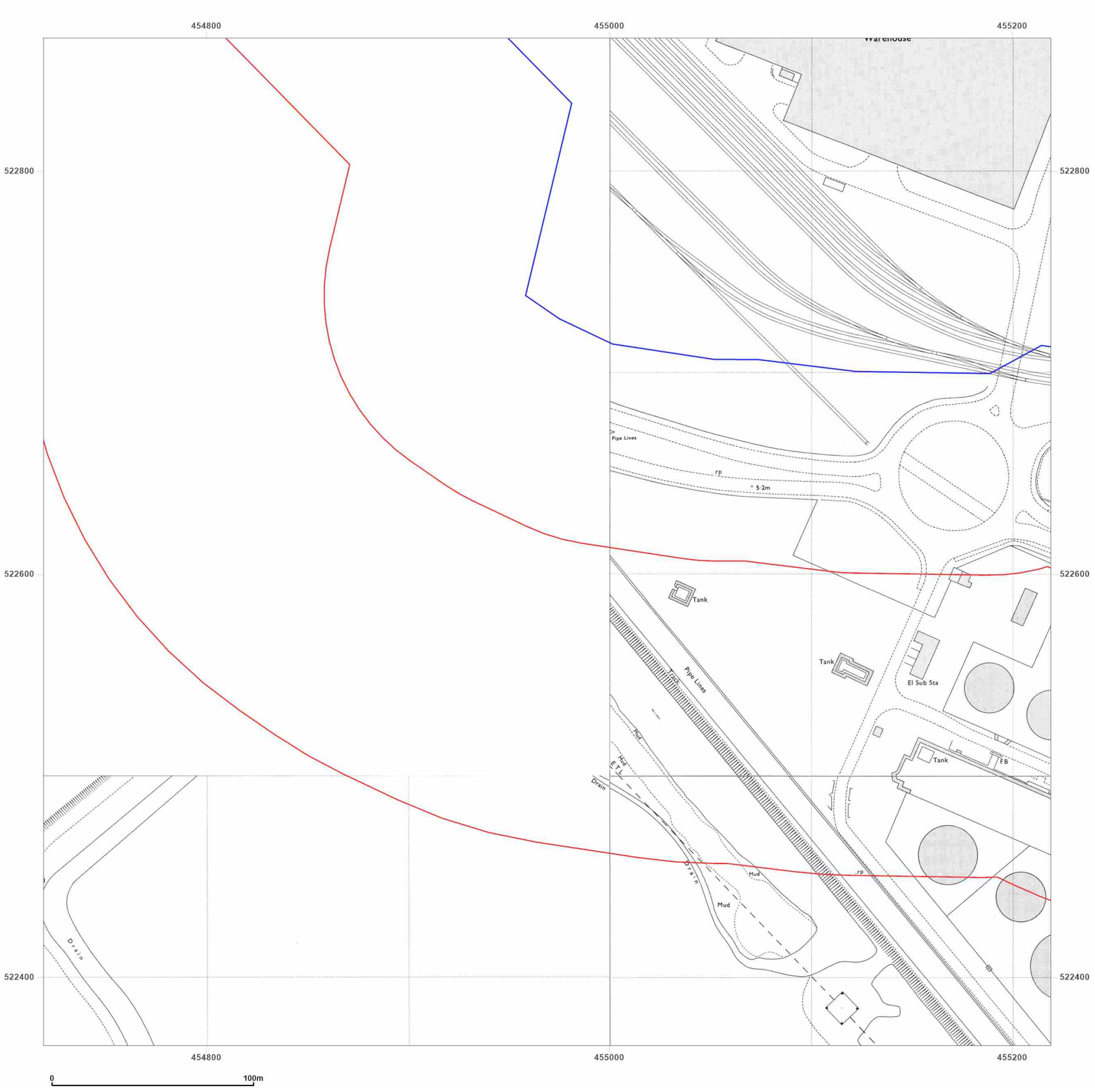
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Site Details:

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Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

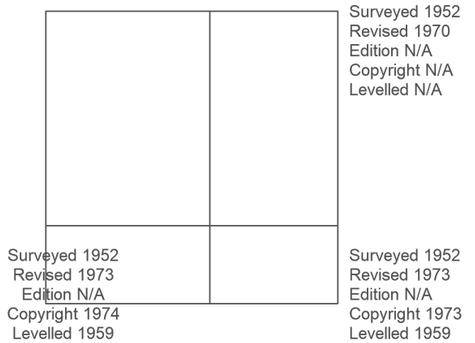
Map Name: National Grid

Map date: **1970-1974**

Scale: 1:1,250

Printed at: 1:2,000

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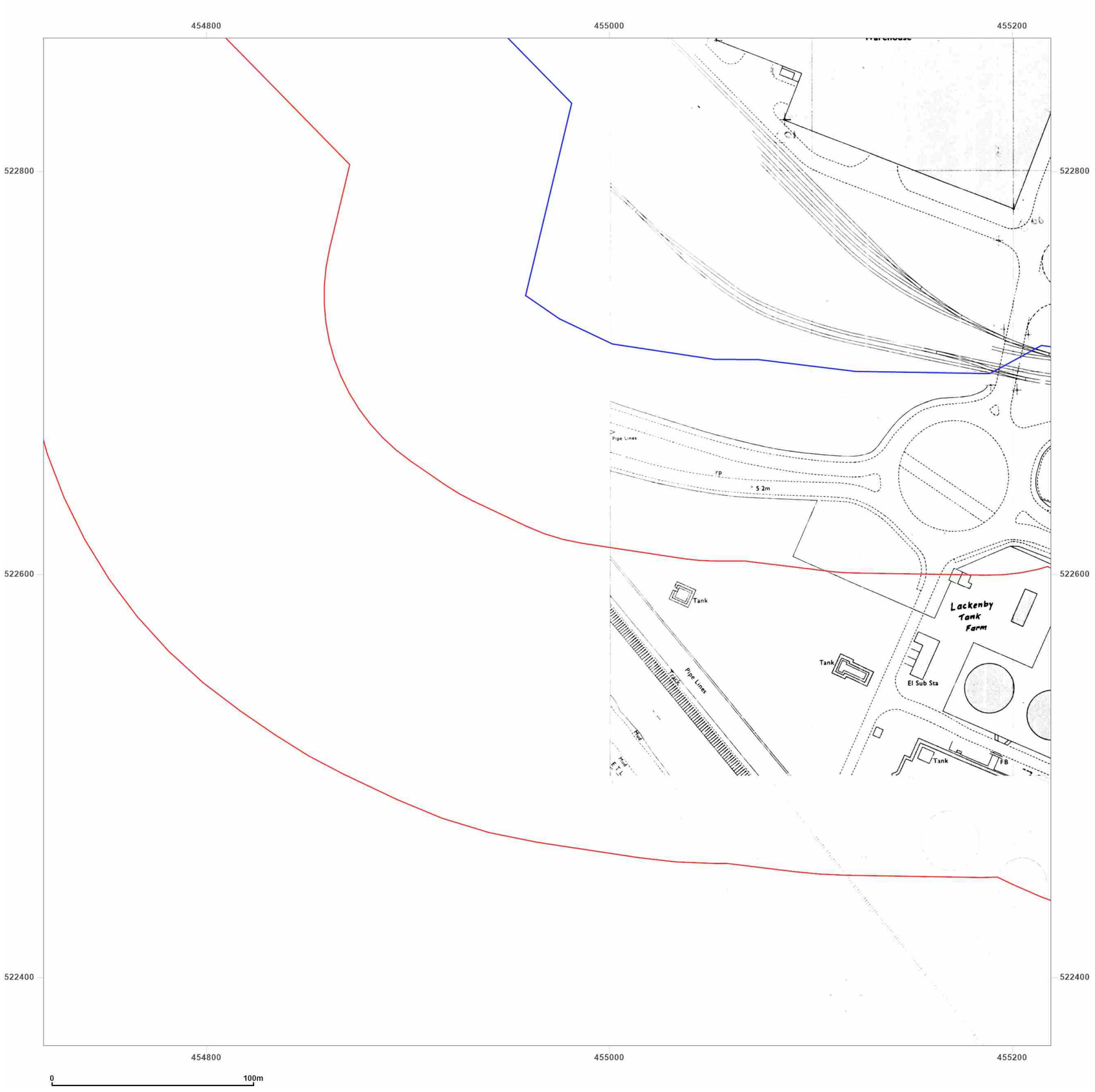
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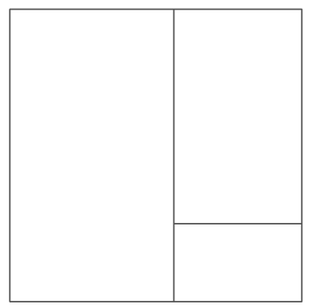
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Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

Map Name: National Grid
Map date: **1974**
Scale: 1:1,250
Printed at: 1:2,000

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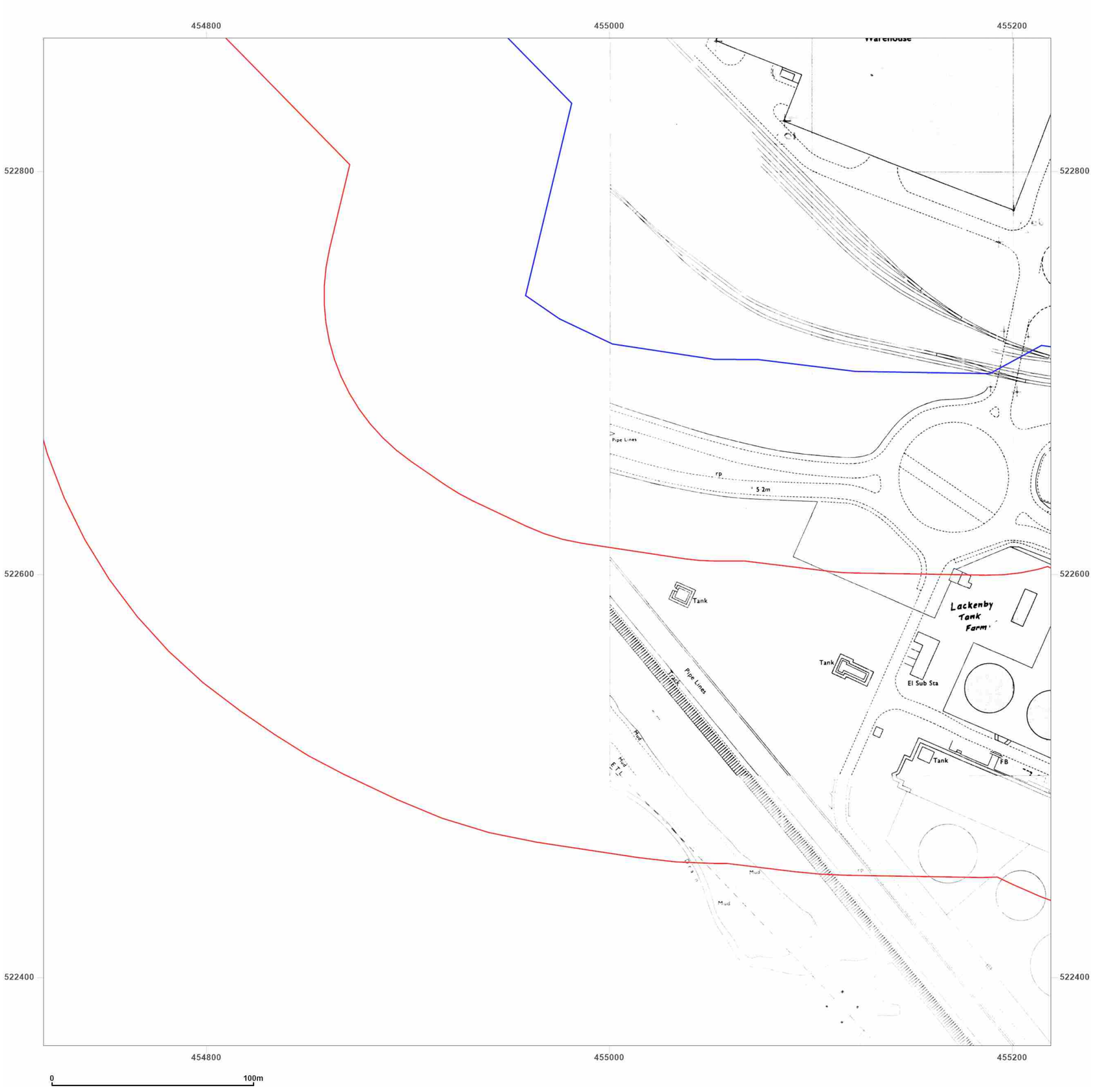
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Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

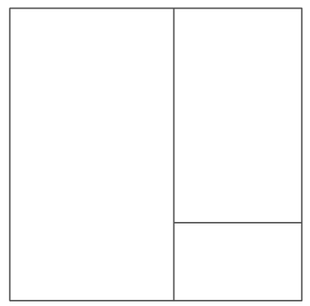
Map Name: National Grid

Map date: **1975**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
Copyright 1975
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1975
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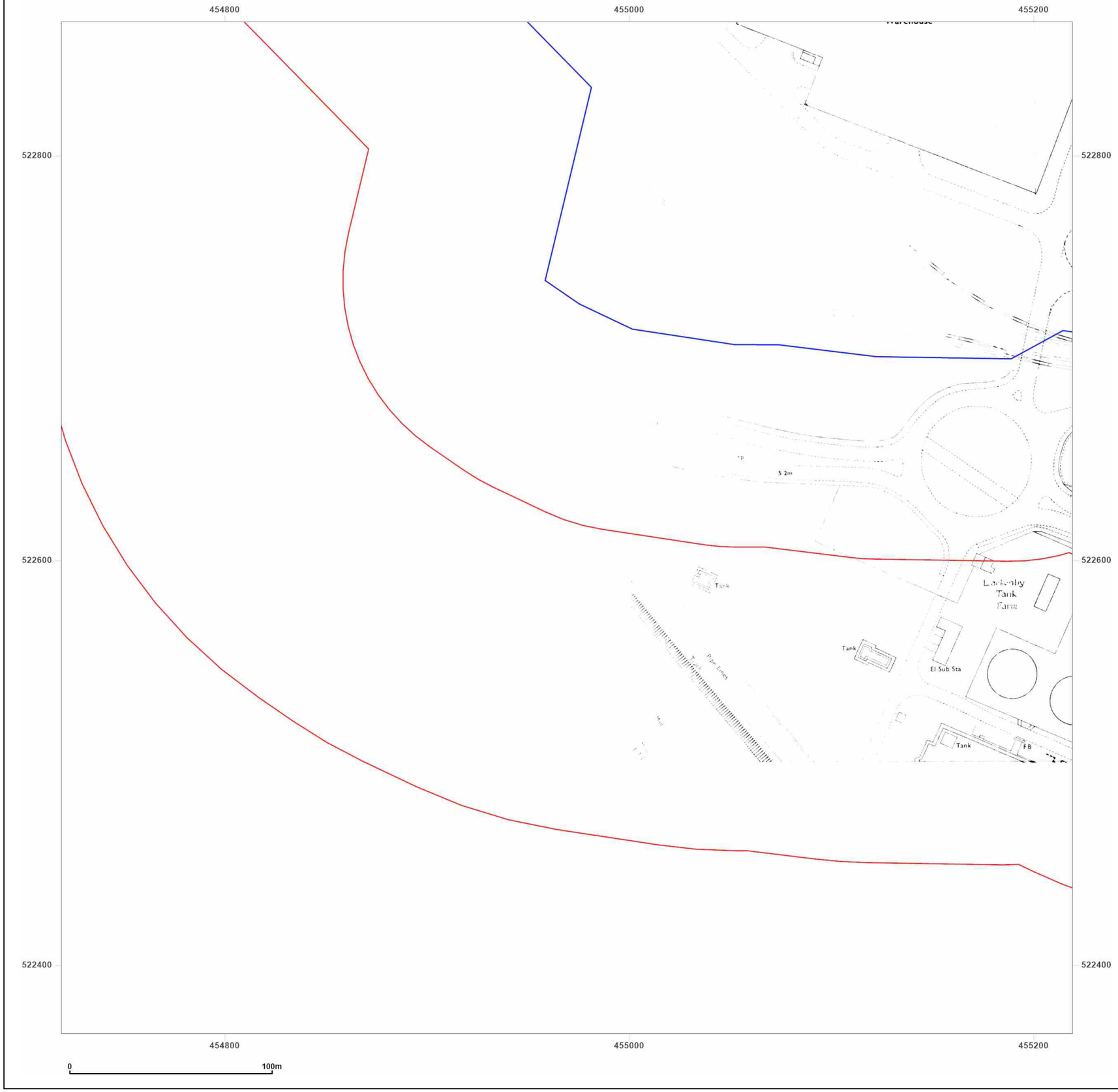
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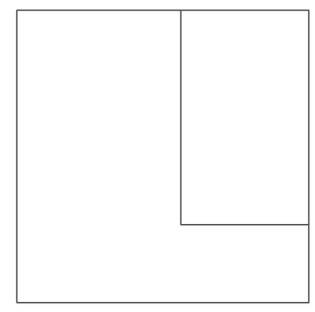
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Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

Map Name: National Grid
Map date: **1976**
Scale: 1:1,250
Printed at: 1:2,000

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Edition N/A
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

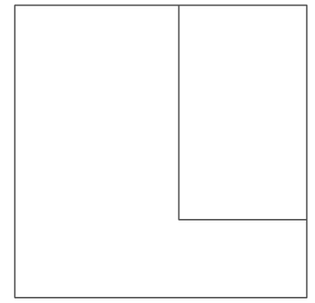
Map Name: National Grid

Map date: **1977**

Scale: 1:1,250

Printed at: 1:2,000

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Edition N/A
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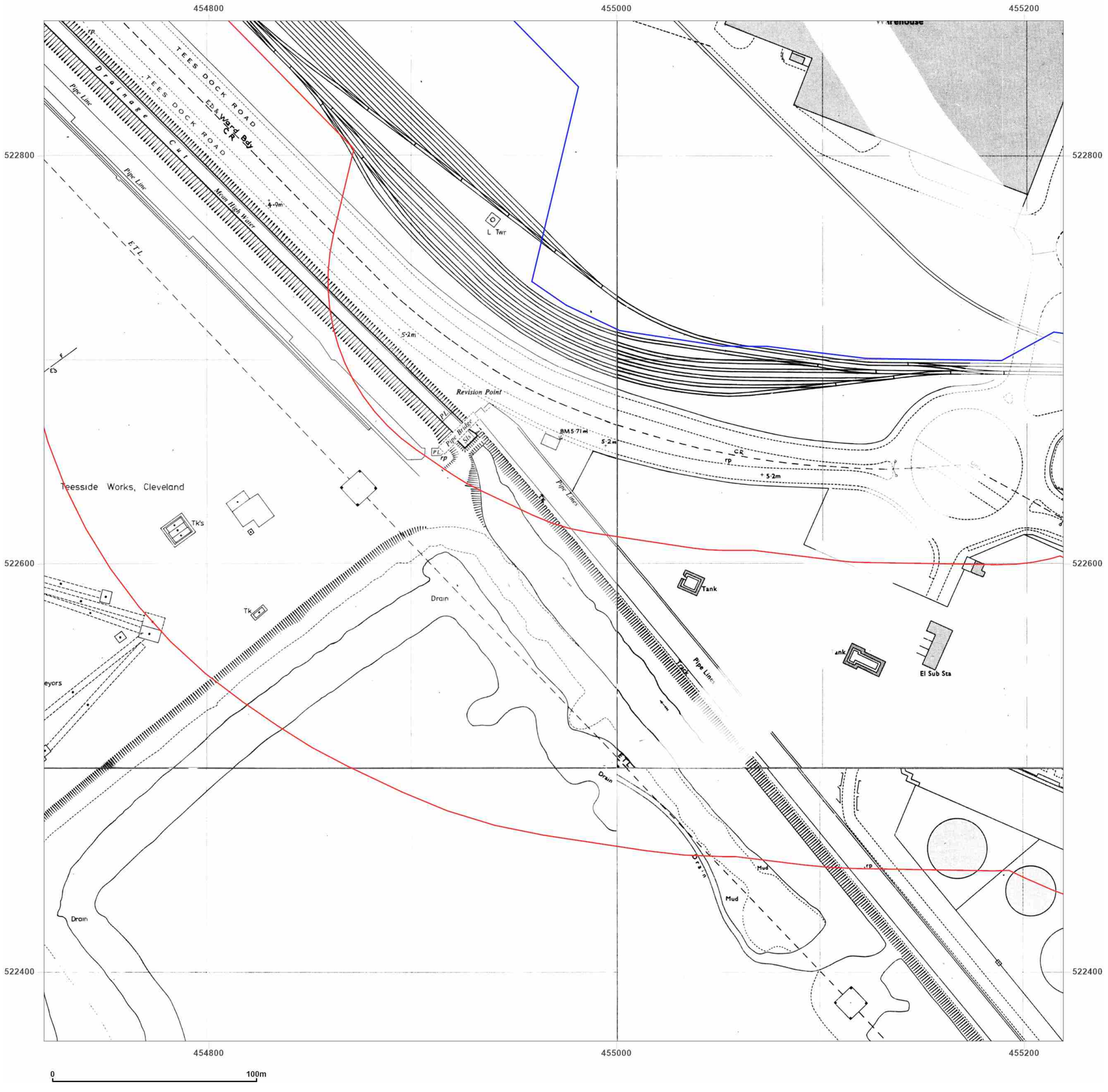
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

Map Name: National Grid
Map date: **1984-1989**
Scale: 1:1,250
Printed at: 1:2,000

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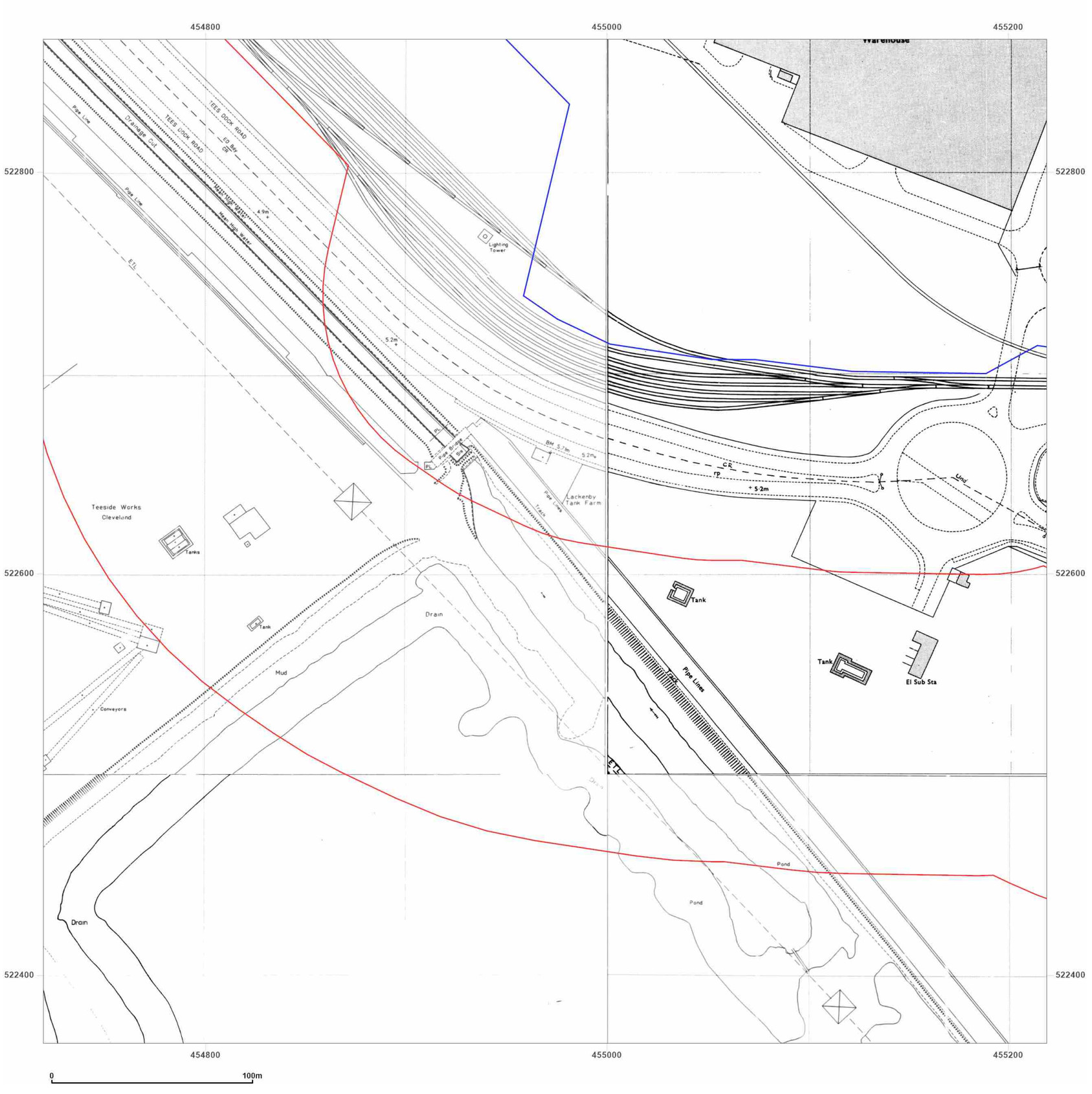
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

Map Name: National Grid
Map date: **1989-1993**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed 1993 Revised 1993 Edition N/A Copyright N/A Levelled N/A	Surveyed 1959 Revised 1989 Edition N/A Copyright 1989 Levelled 1959
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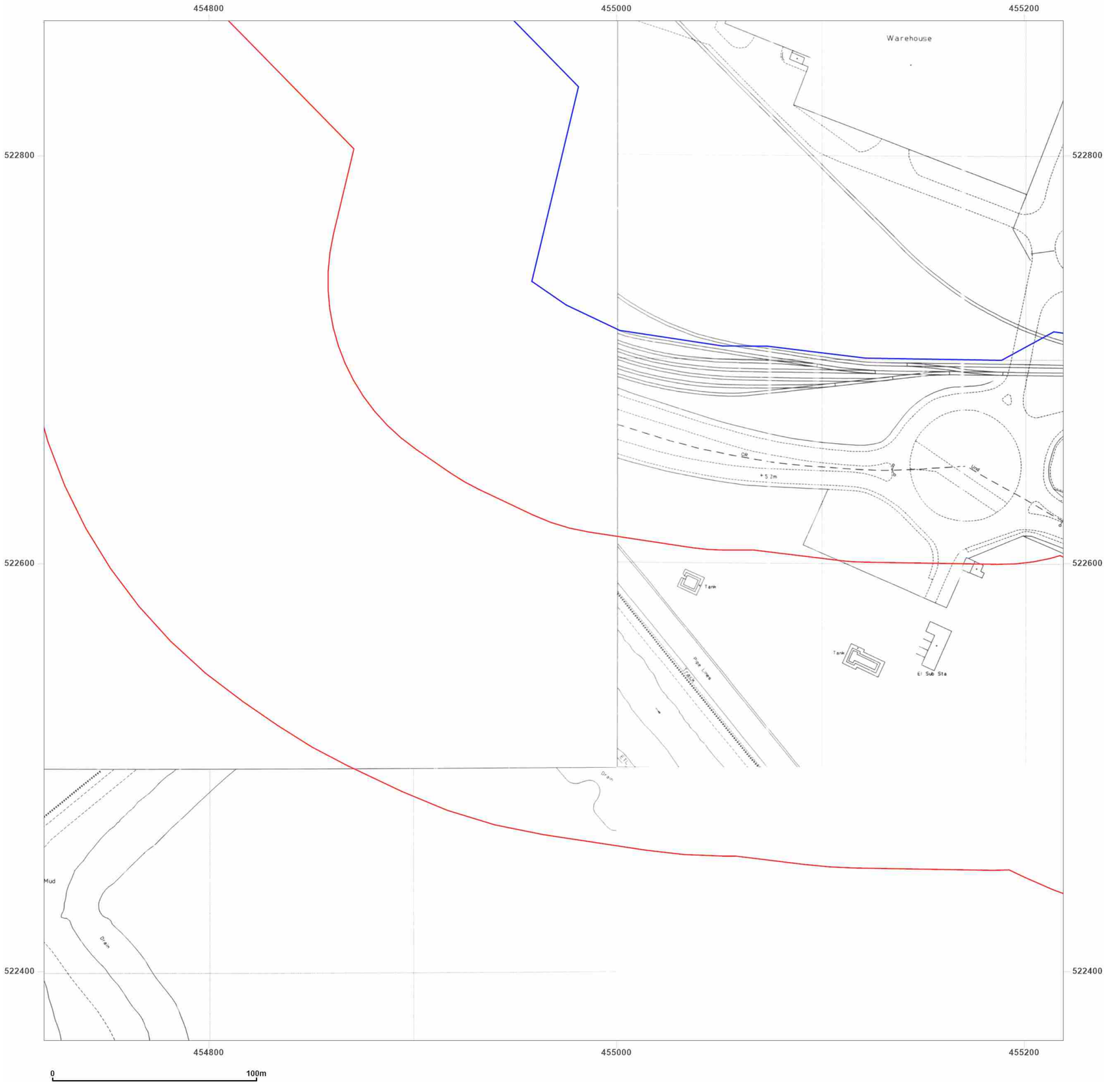
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_1
Grid Ref: 454969, 522616

Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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Revised 1993
Edition N/A
Copyright N/A
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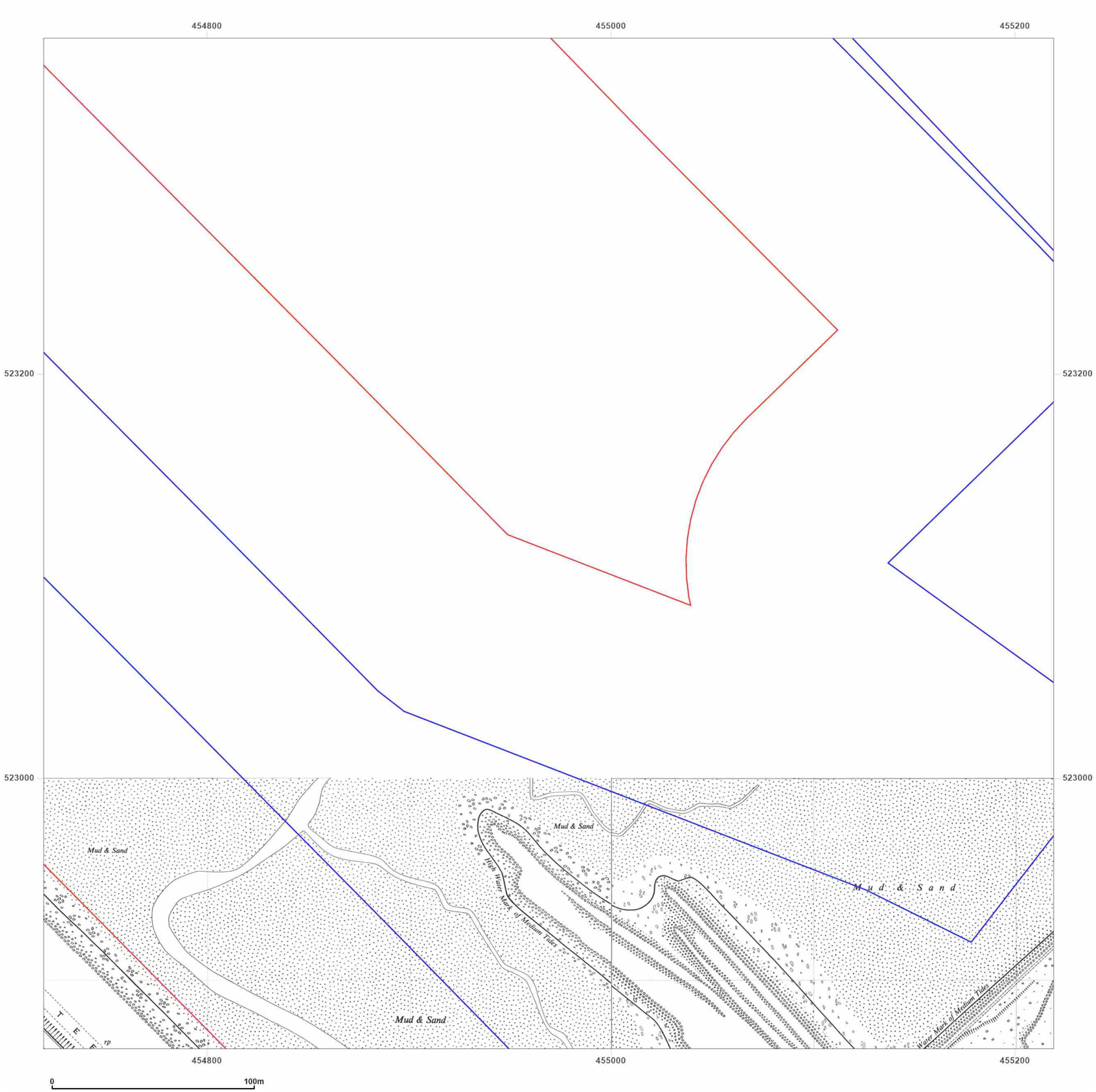
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Site Details:

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Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

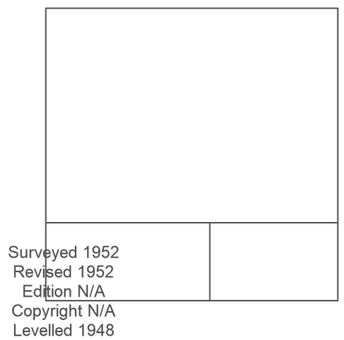
Map Name: National Grid

Map date: **1952**

Scale: 1:1,250

Printed at: 1:2,000

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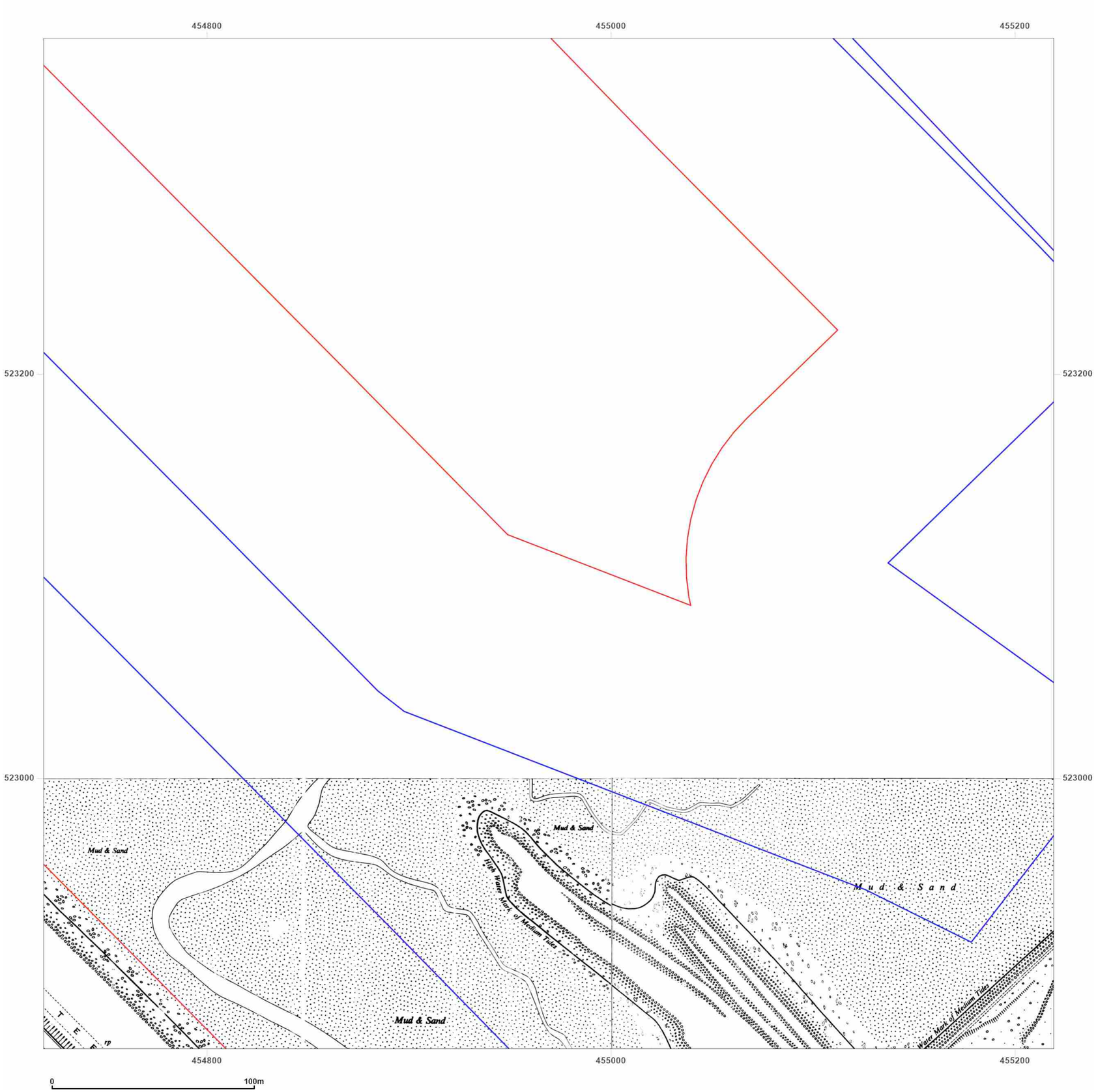
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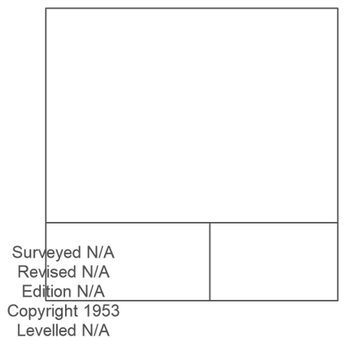
Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

Map Name: National Grid
Map date: **1953**
Scale: 1:1,250
Printed at: 1:2,000

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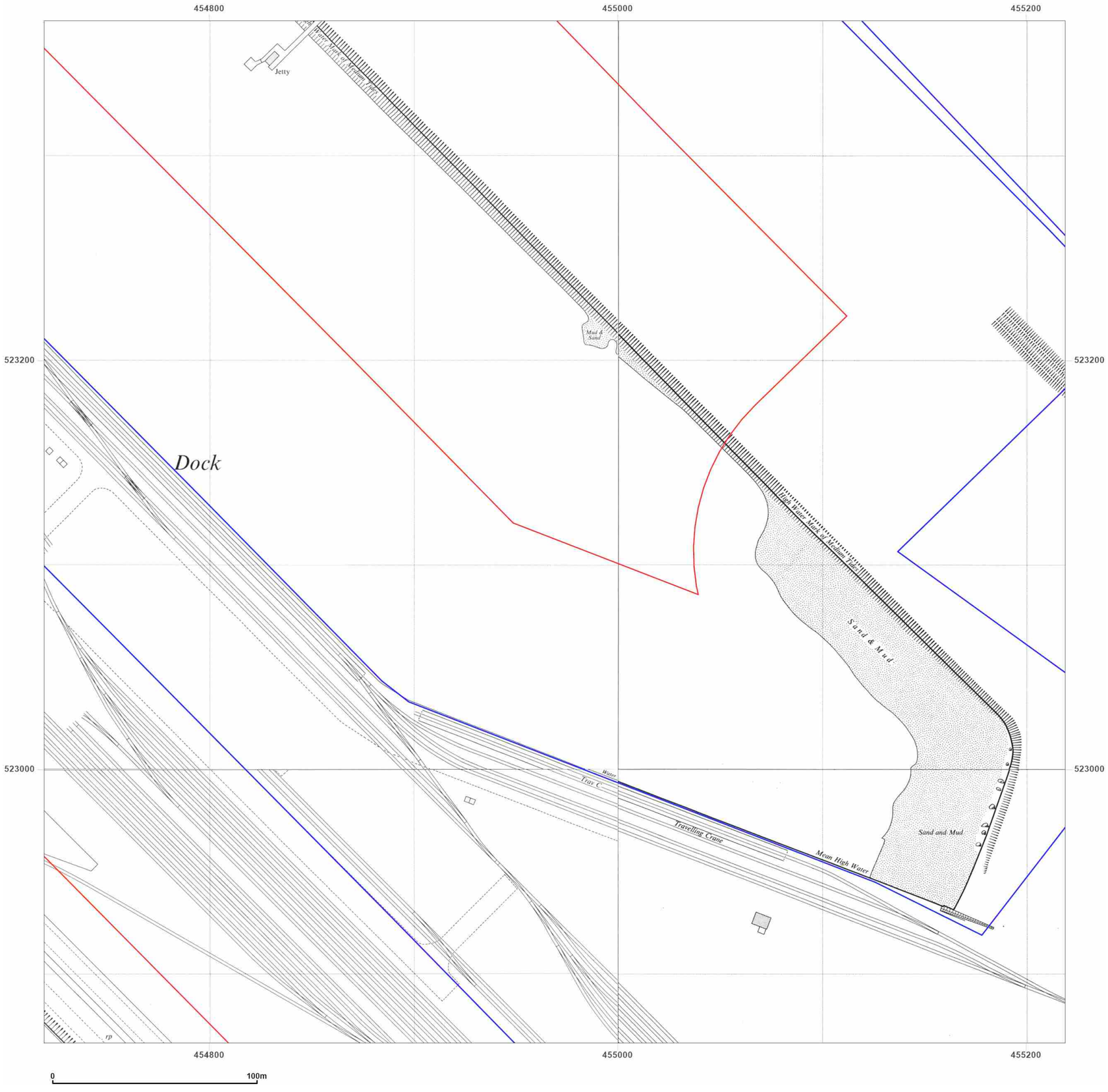
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Production date: 03 December 2024

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Site Details:

unspecified

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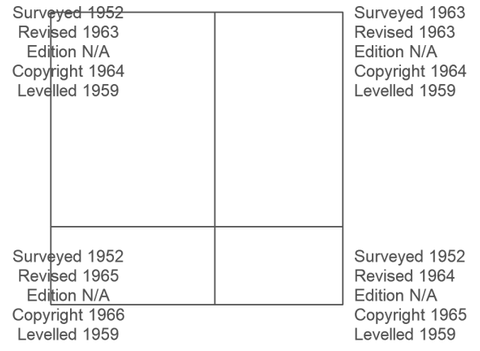
Map Name: National Grid

Map date: **1964-1966**

Scale: 1:1,250

Printed at: 1:2,000

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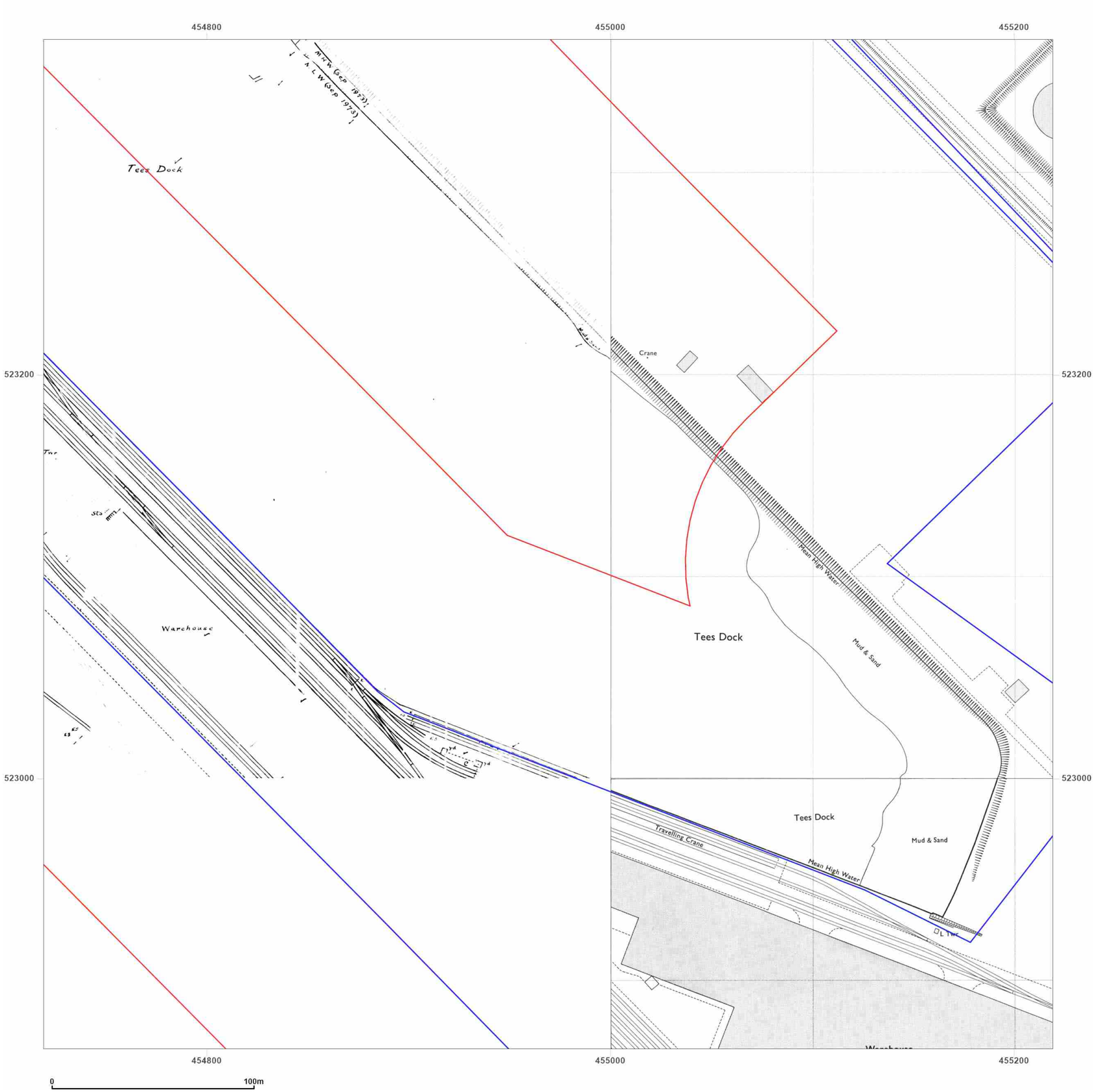
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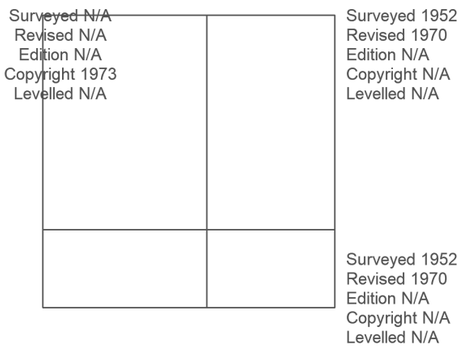
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Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

Map Name: National Grid
Map date: **1970-1973**
Scale: 1:1,250
Printed at: 1:2,000

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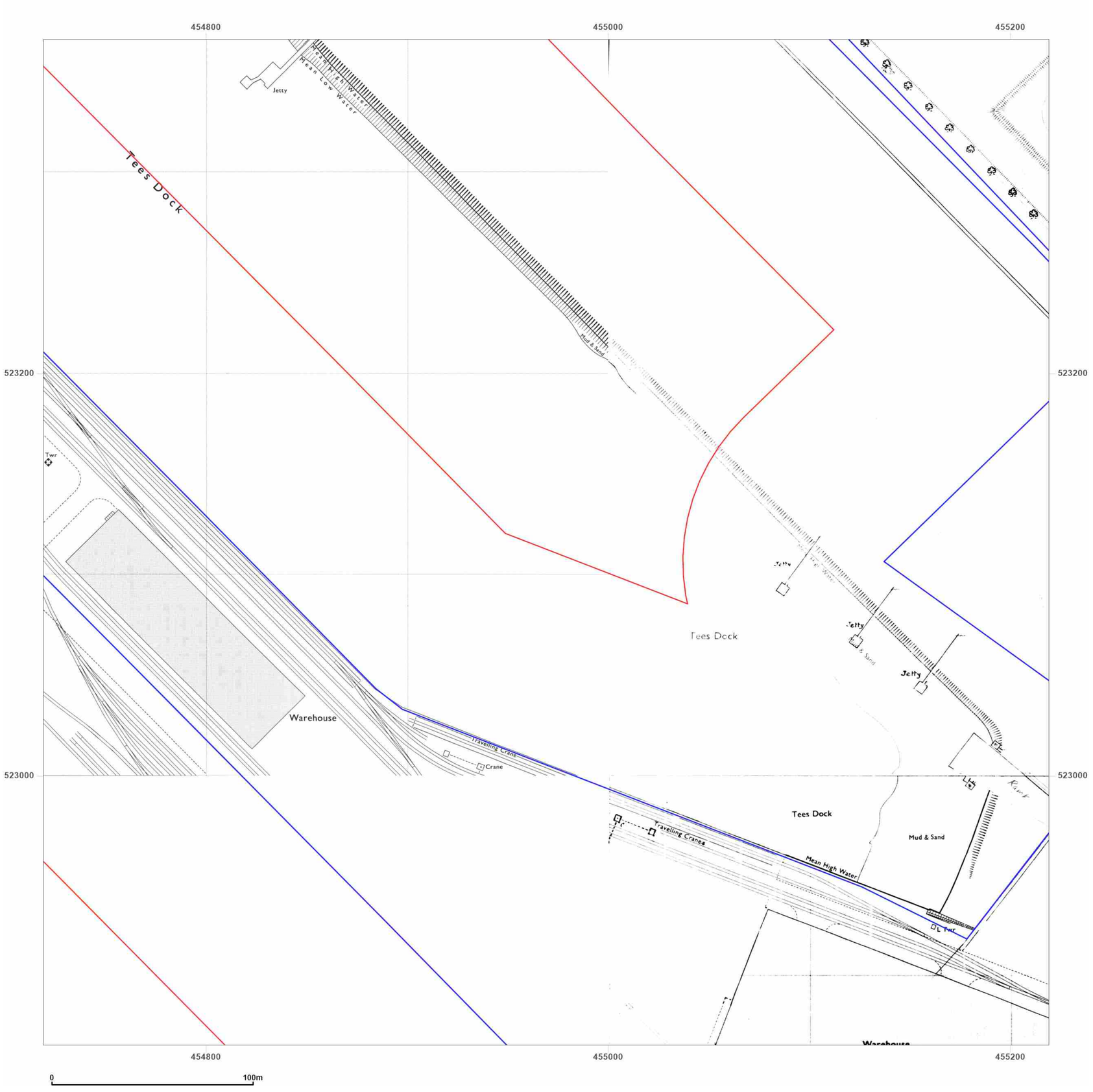
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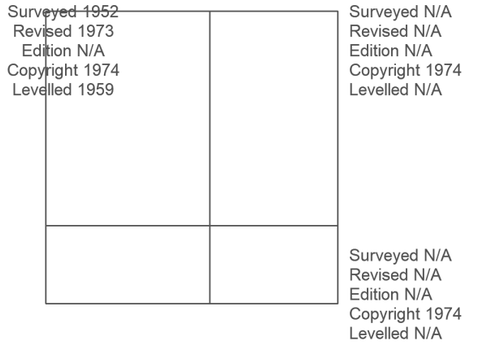
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Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

Map Name: National Grid
Map date: **1974**
Scale: 1:1,250
Printed at: 1:2,000

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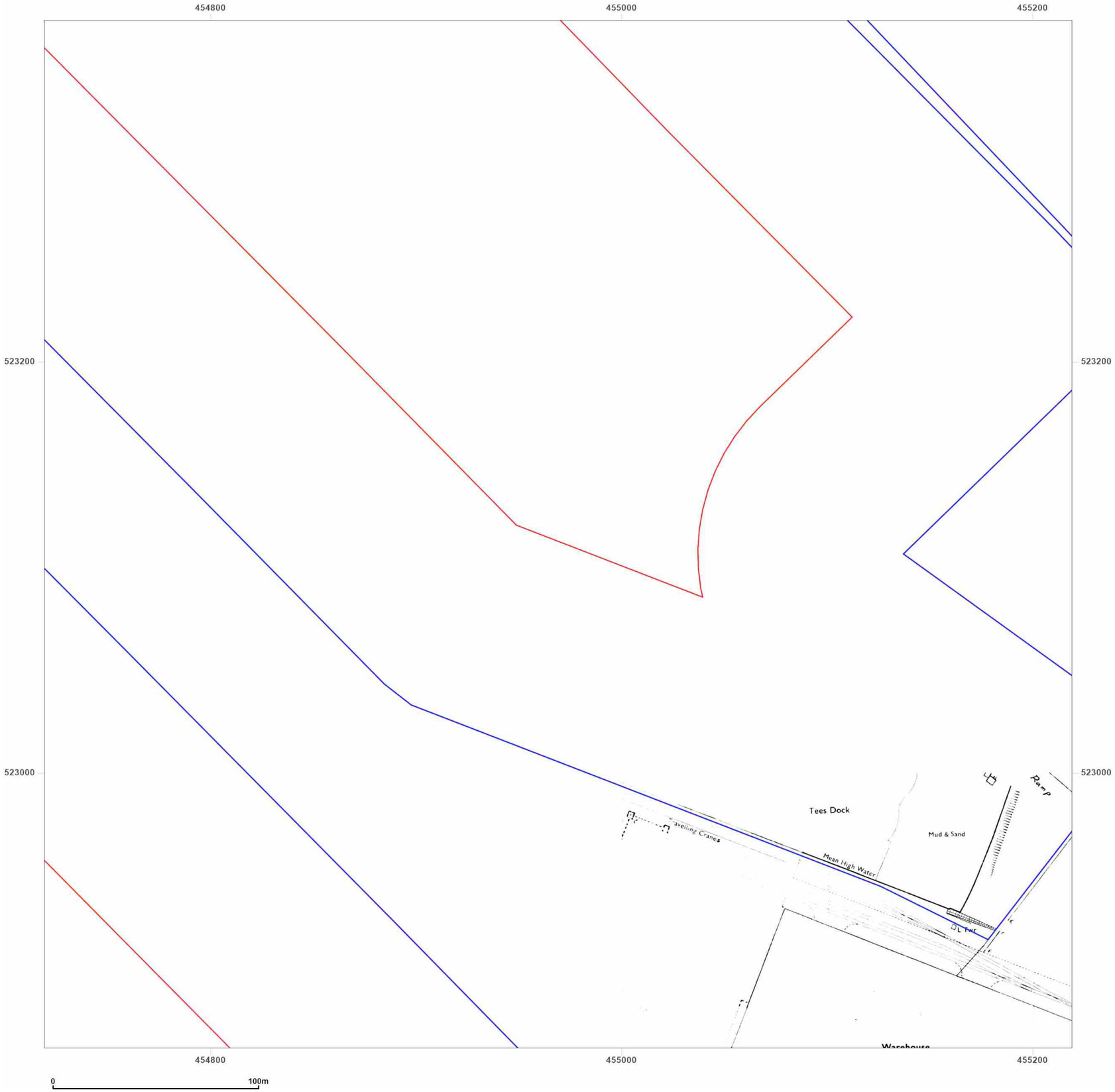
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Site Details:

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Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

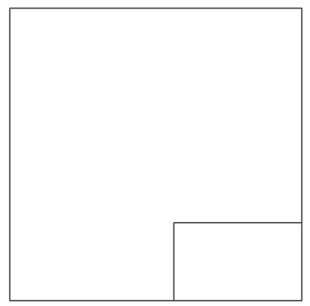
Map Name: National Grid

Map date: **1976**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
Copyright 1976
Levelled N/A

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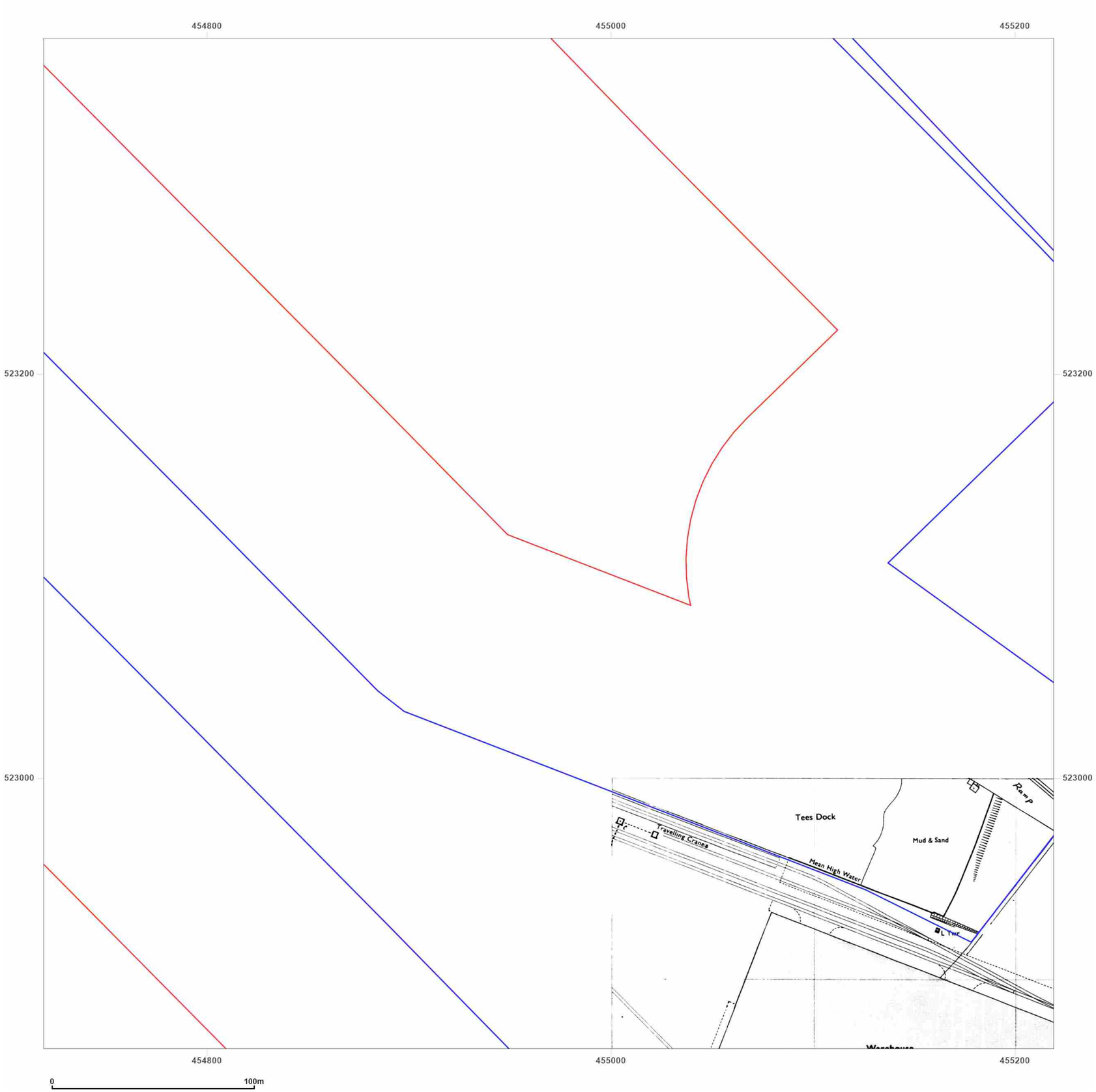
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

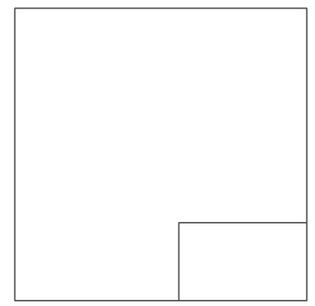
Map Name: National Grid

Map date: **1977**

Scale: 1:1,250

Printed at: 1:2,000

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Edition N/A
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_2
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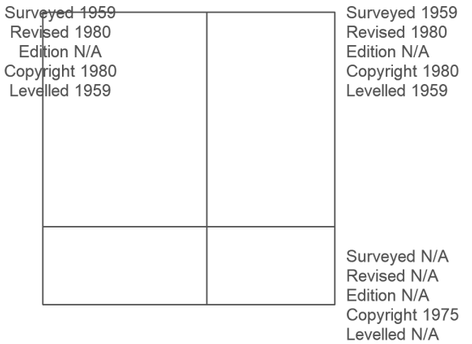
Map Name: National Grid

Map date: **1975-1980**

Scale: 1:1,250

Printed at: 1:2,000

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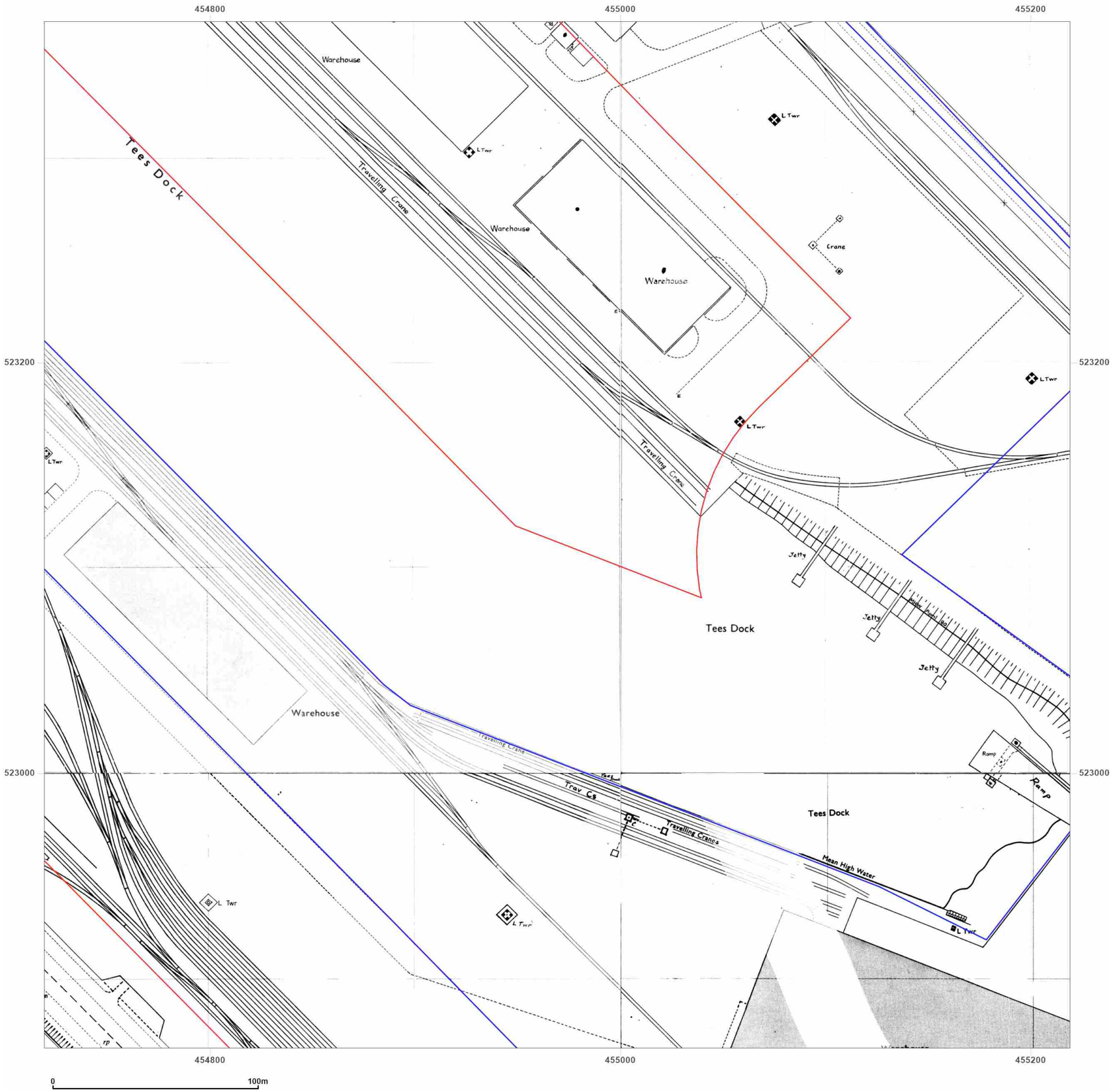
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

Map Name: National Grid
Map date: **1989-1990**
Scale: 1:1,250
Printed at: 1:2,000

N
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Surveyed 1990 Revised 1990 Edition N/A Copyright 1990 Levelled N/A	Surveyed 1959 Revised 1990 Edition N/A Copyright 1990 Levelled 1959
Surveyed 1959 Revised 1989 Edition N/A Copyright 1989 Levelled 1959	Surveyed N/A Revised N/A Edition N/A Copyright 1989 Levelled N/A

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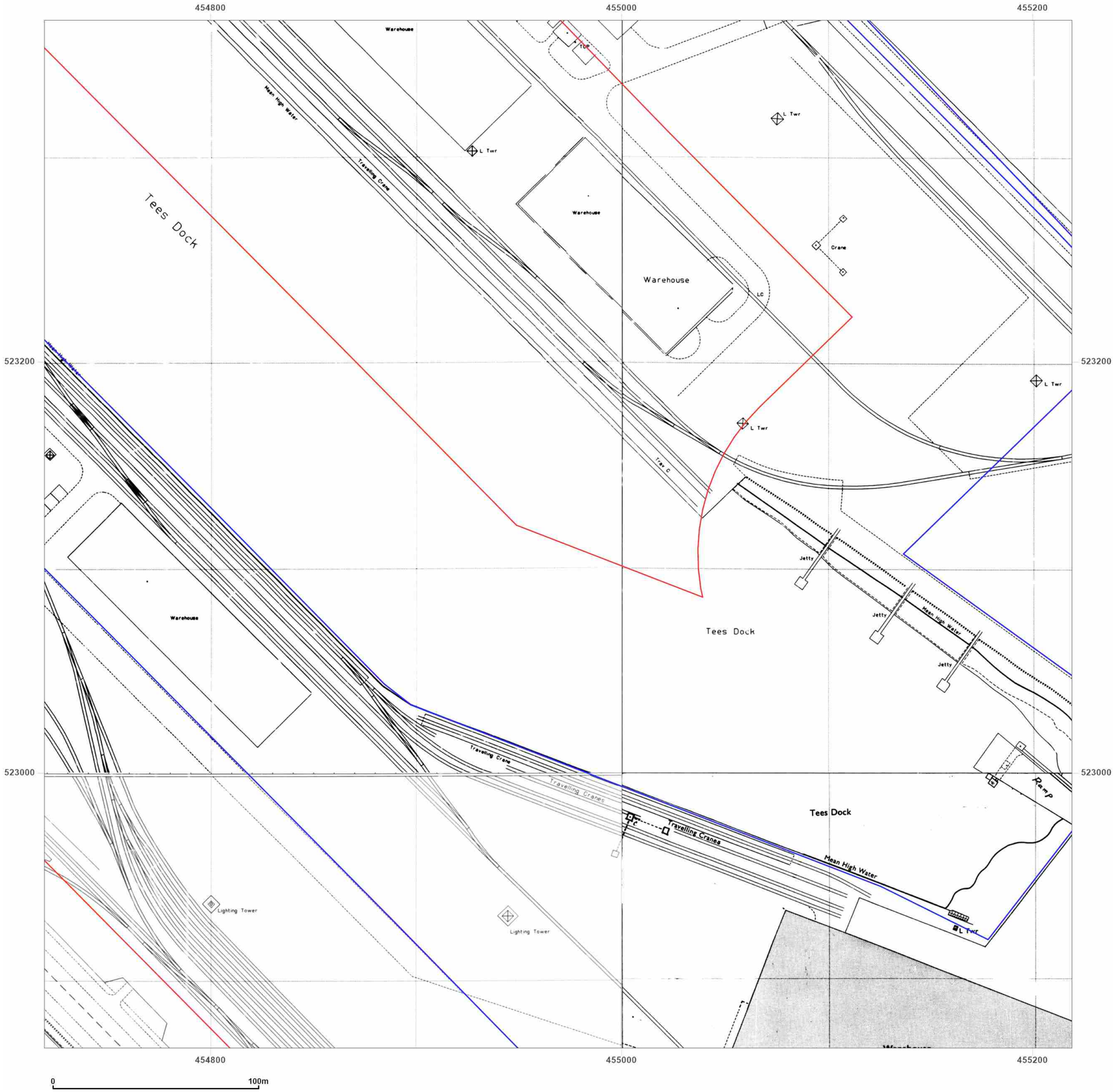
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_2
Grid Ref: 454969, 523116

Map Name: National Grid
Map date: **1989-1993**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A
Surveyed 1993 Revised 1993 Edition N/A Copyright N/A Levelled N/A	Surveyed 1959 Revised 1989 Edition N/A Copyright 1989 Levelled 1959

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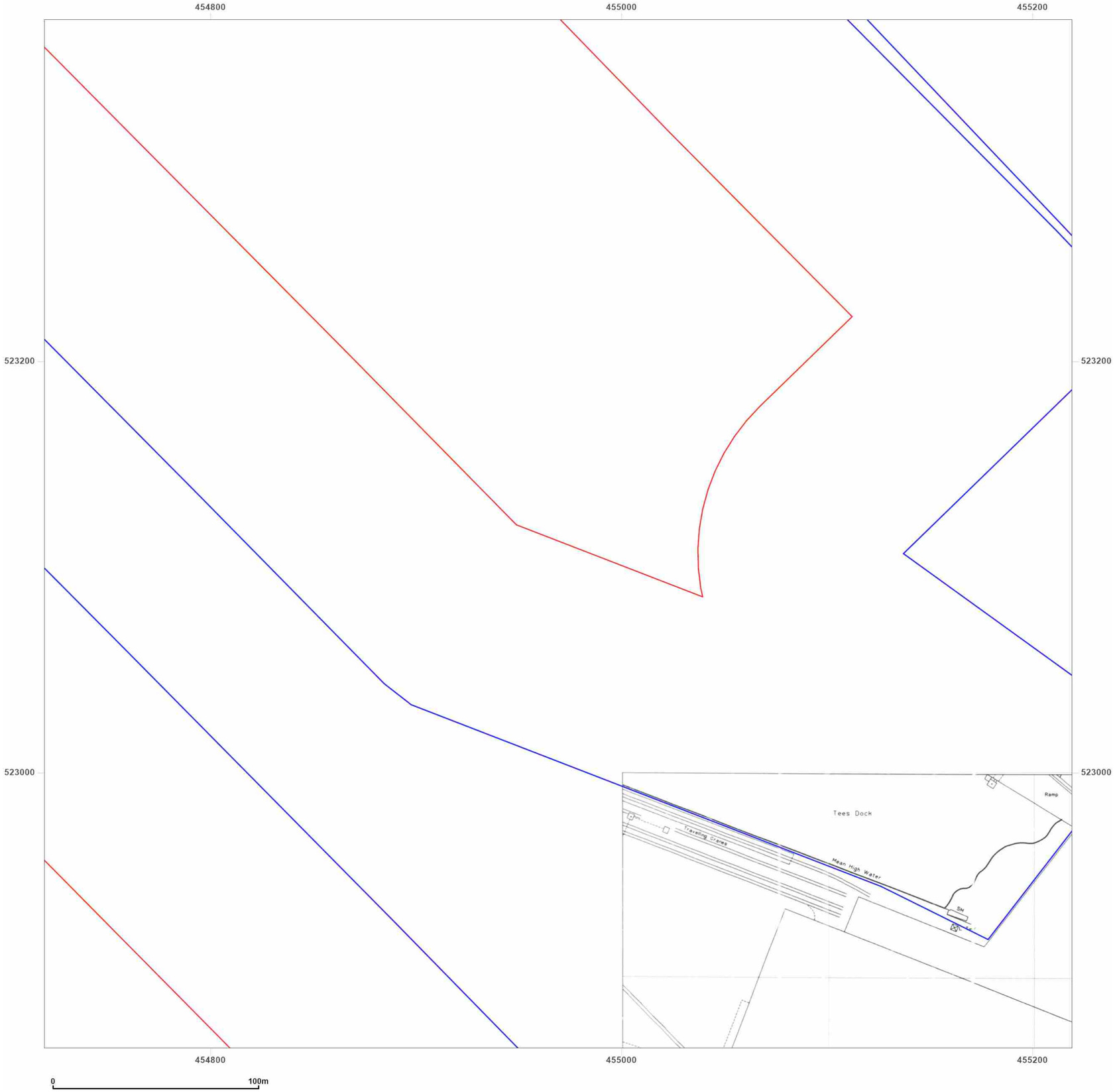
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Site Details:

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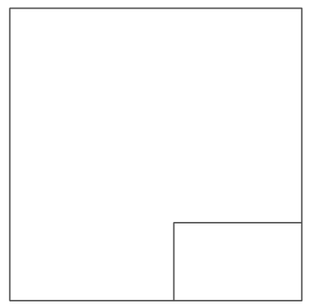
Map Name: National Grid

Map date: **1993**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

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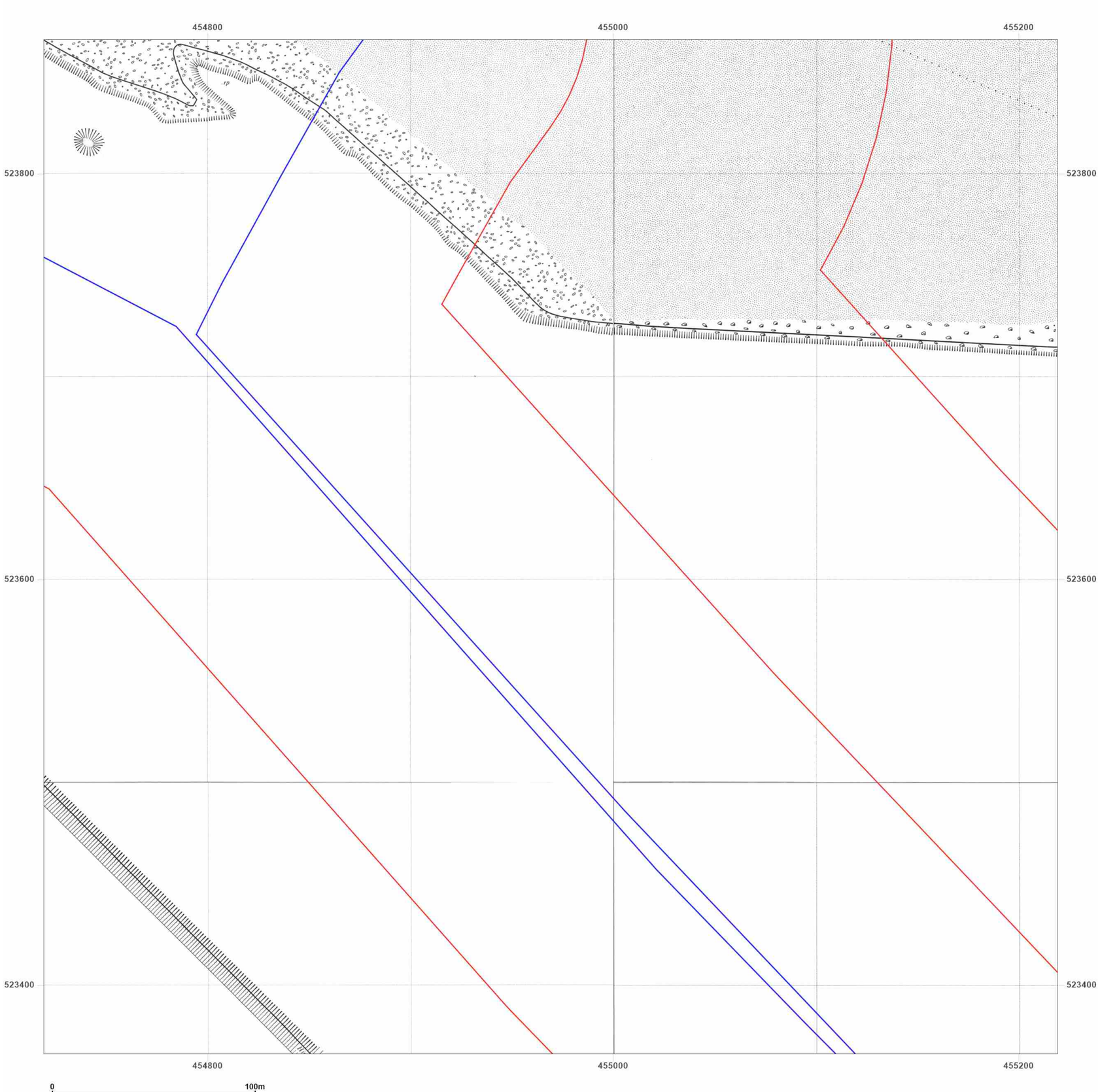
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

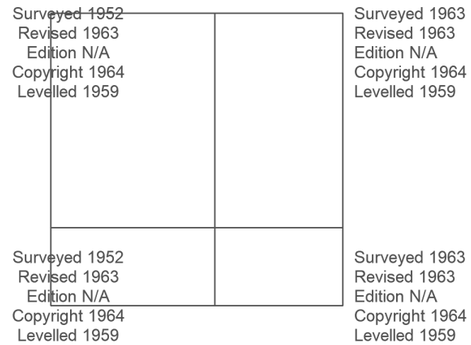
Map Name: National Grid

Map date: **1964**

Scale: 1:1,250

Printed at: 1:2,000

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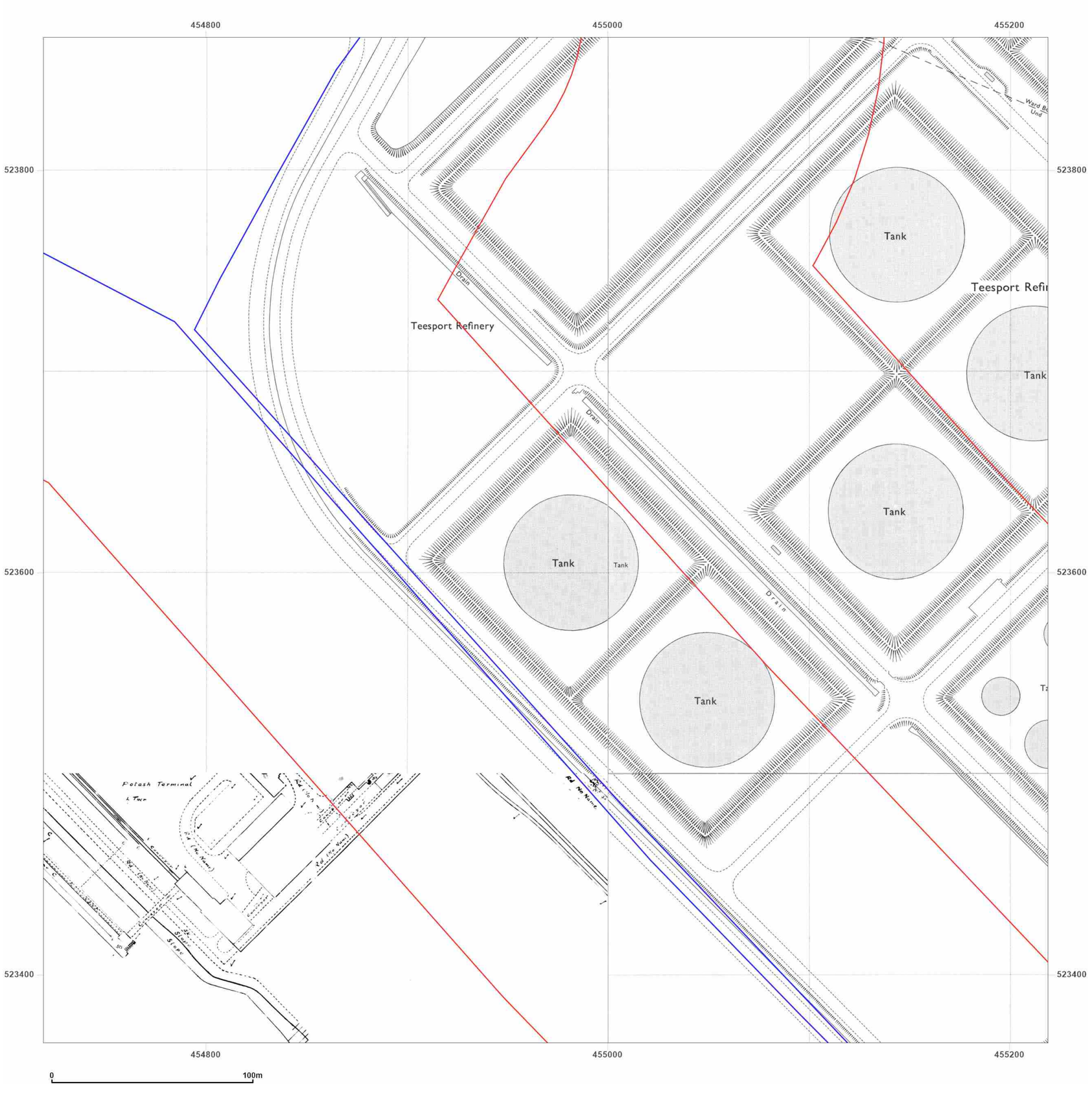
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid

Map date: **1970-1973**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1971 Levelled N/A	Surveyed 1952 Revised 1970 Edition N/A Copyright 1971 Levelled 1959
Surveyed N/A Revised N/A Edition N/A Copyright 1973 Levelled N/A	Surveyed 1952 Revised 1970 Edition N/A Copyright N/A Levelled N/A

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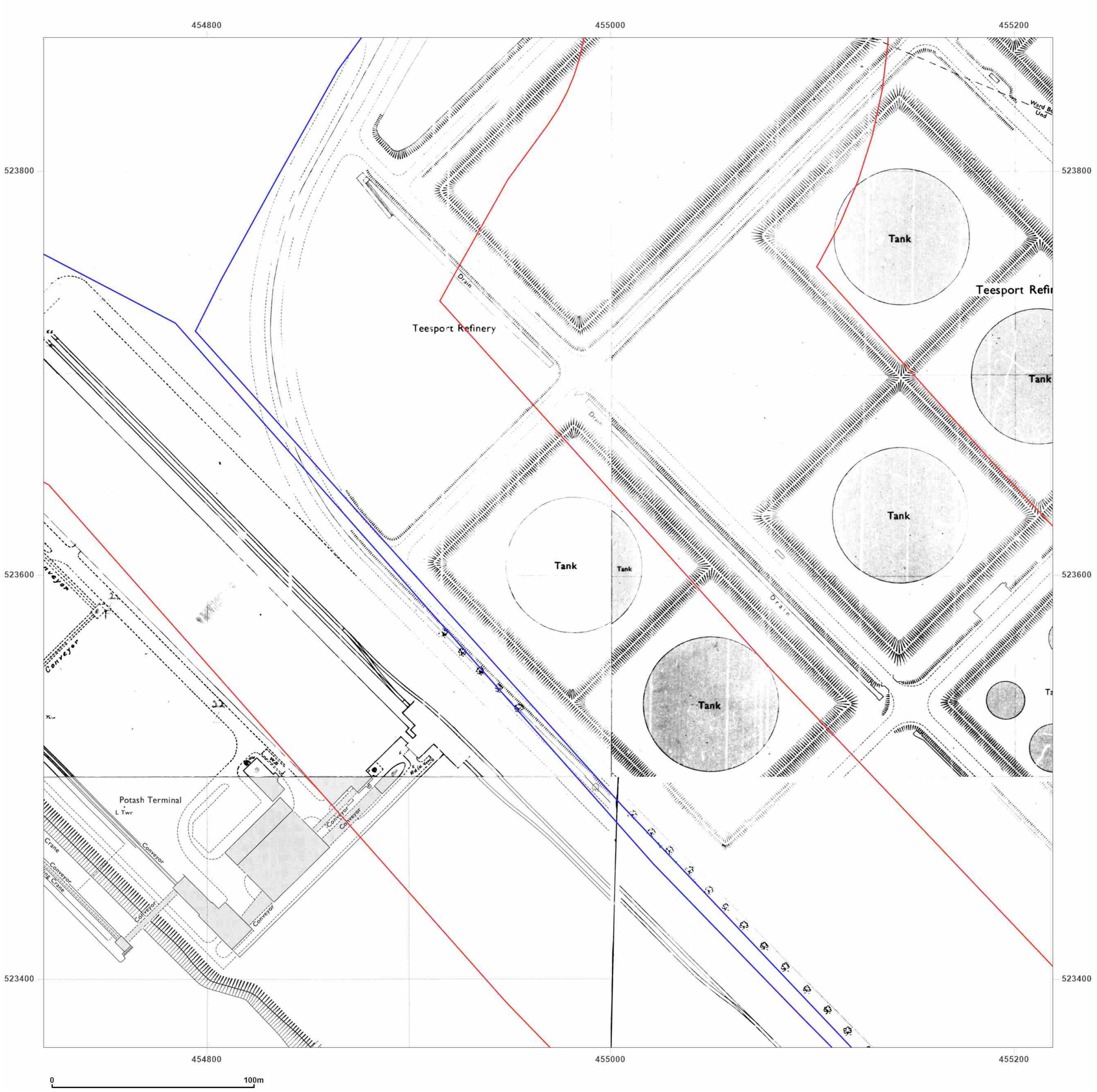
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid
Map date: **1974**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A
Surveyed 1952 Revised 1973 Edition N/A Copyright 1974 Levelled 1959	Surveyed N/A Revised N/A Edition N/A Copyright 1974 Levelled N/A

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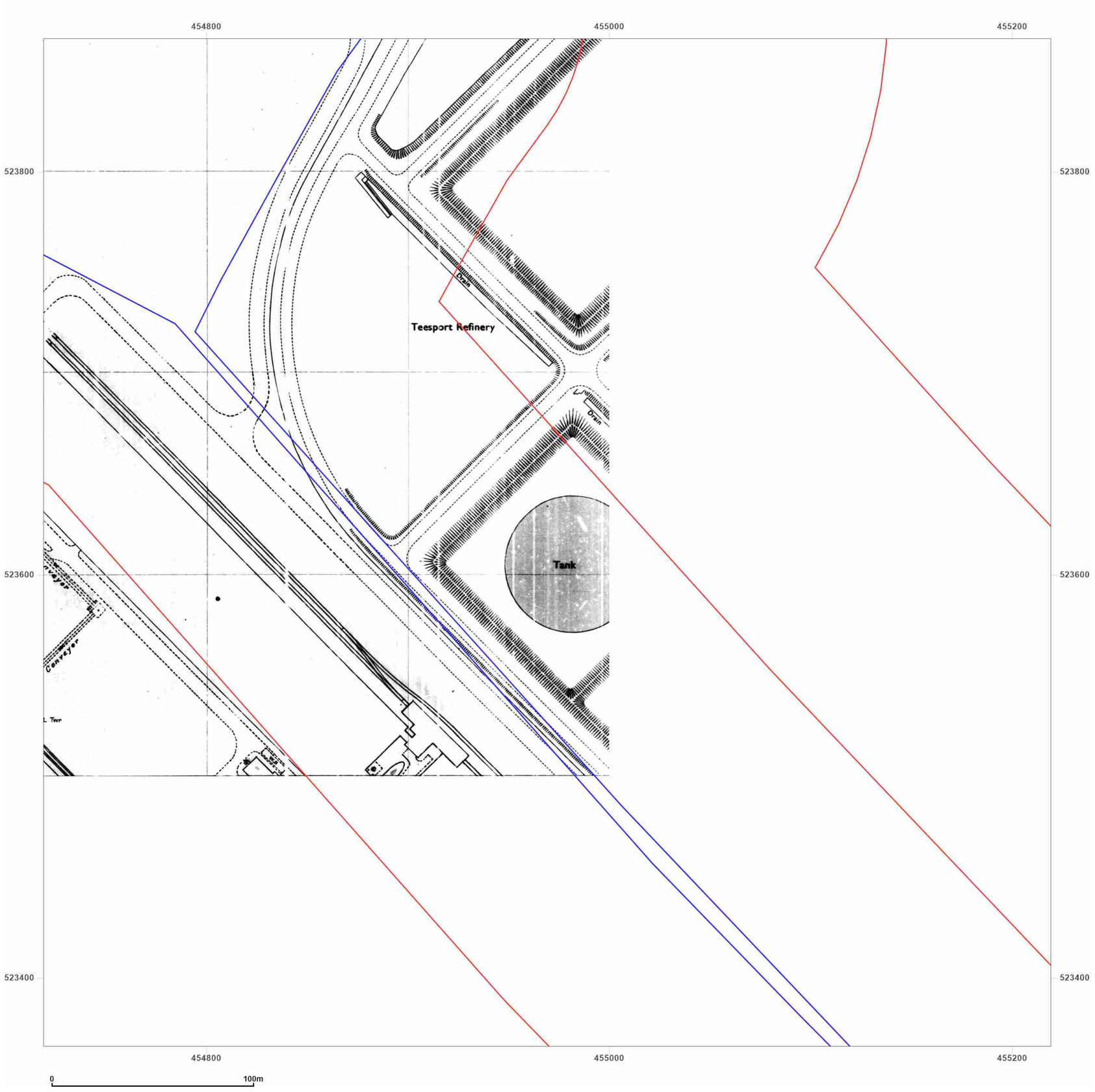
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid

Map date: **1978**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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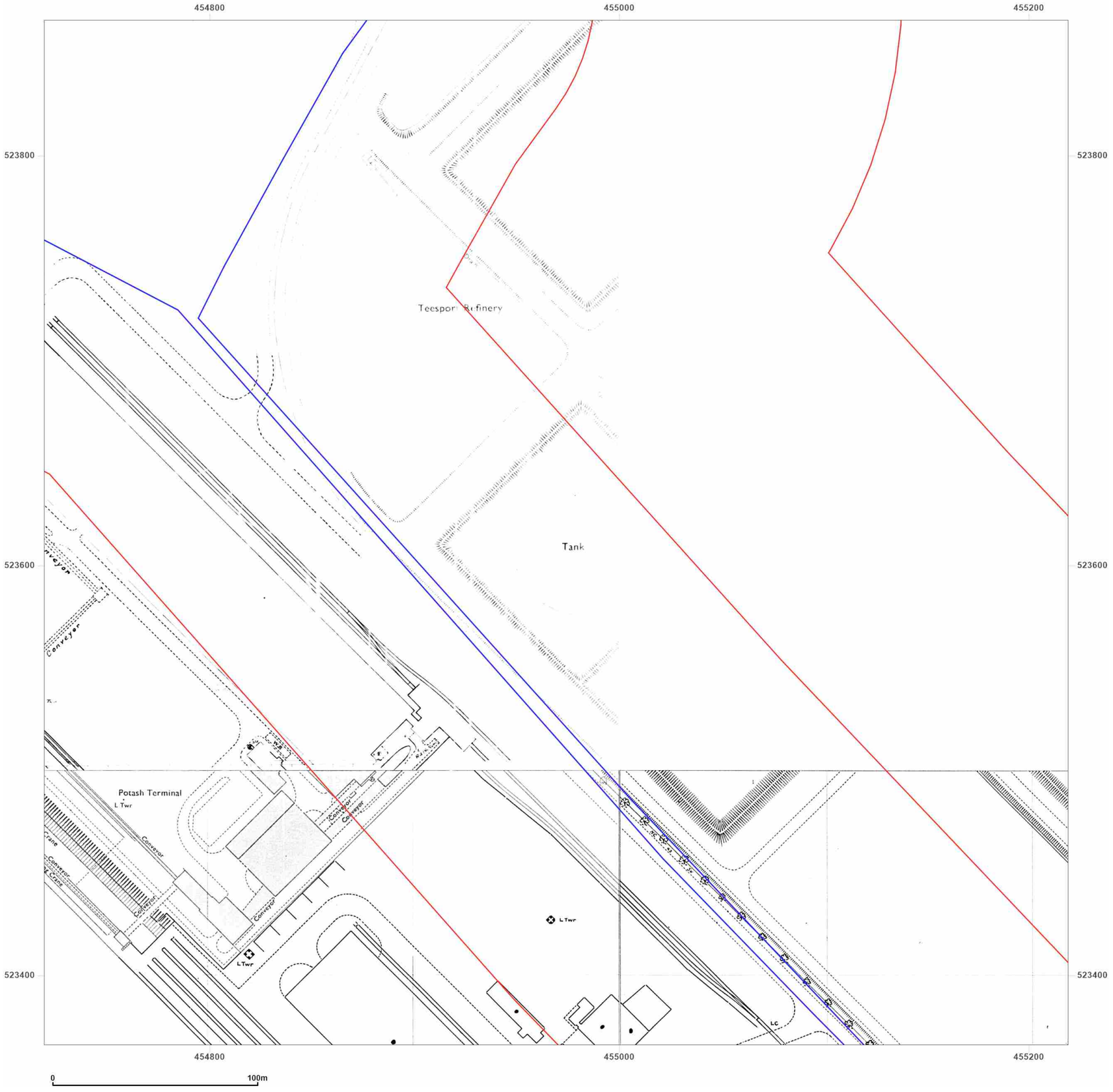
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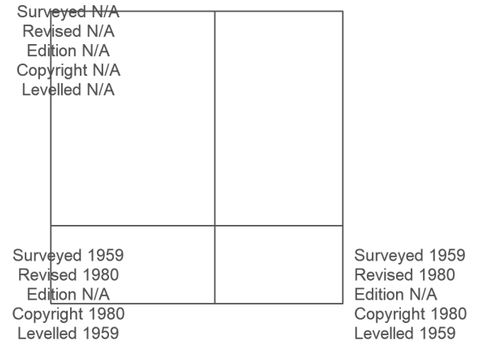
Site Details:

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Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid
Map date: **1976-1980**
Scale: 1:1,250
Printed at: 1:2,000

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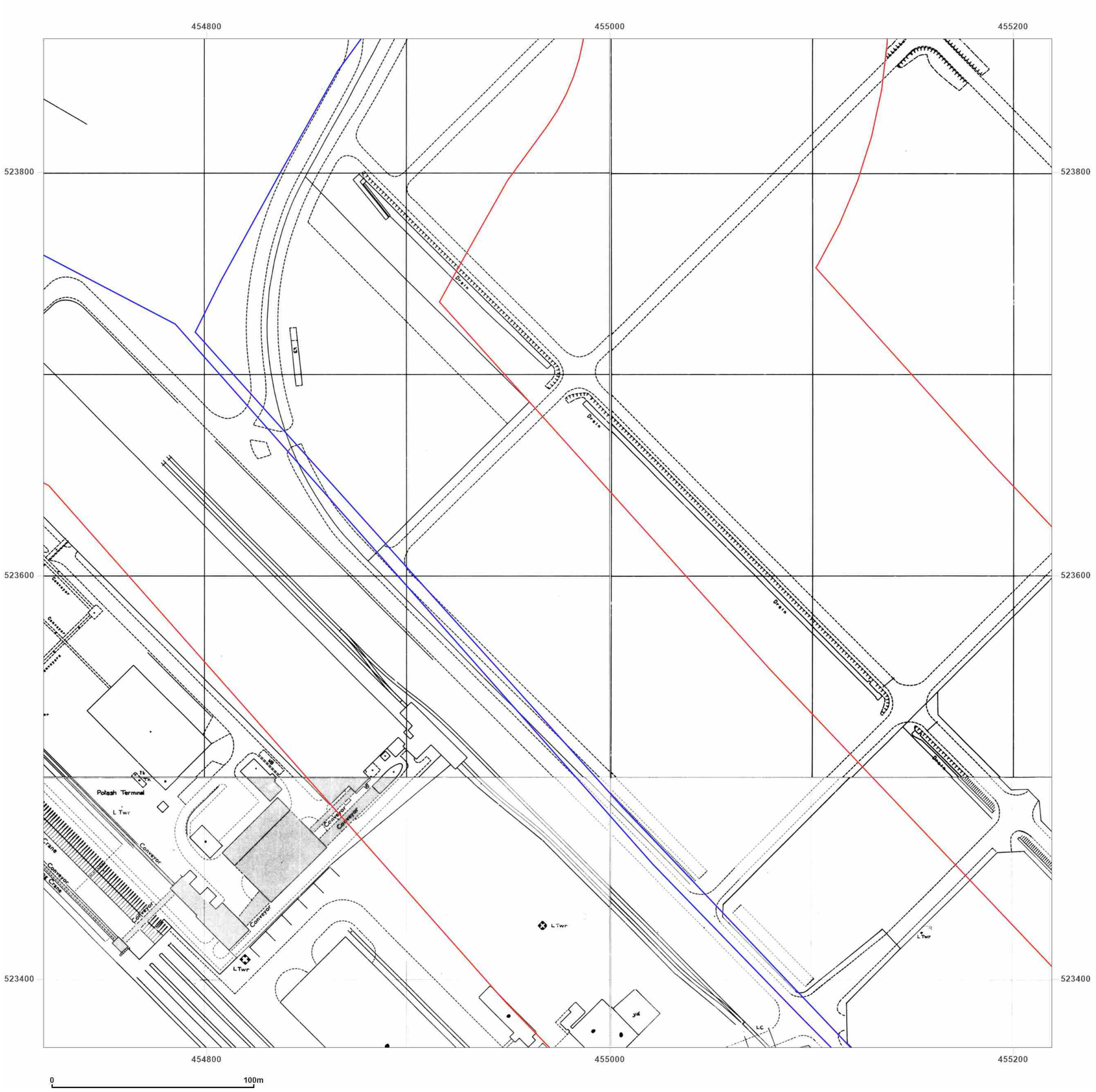
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid

Map date: **1990**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1952 Revised 1971 Edition N/A Copyright 1990 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A
Surveyed 1990 Revised 1990 Edition N/A Copyright 1990 Levelled N/A	Surveyed 1959 Revised 1990 Edition N/A Copyright 1990 Levelled 1959

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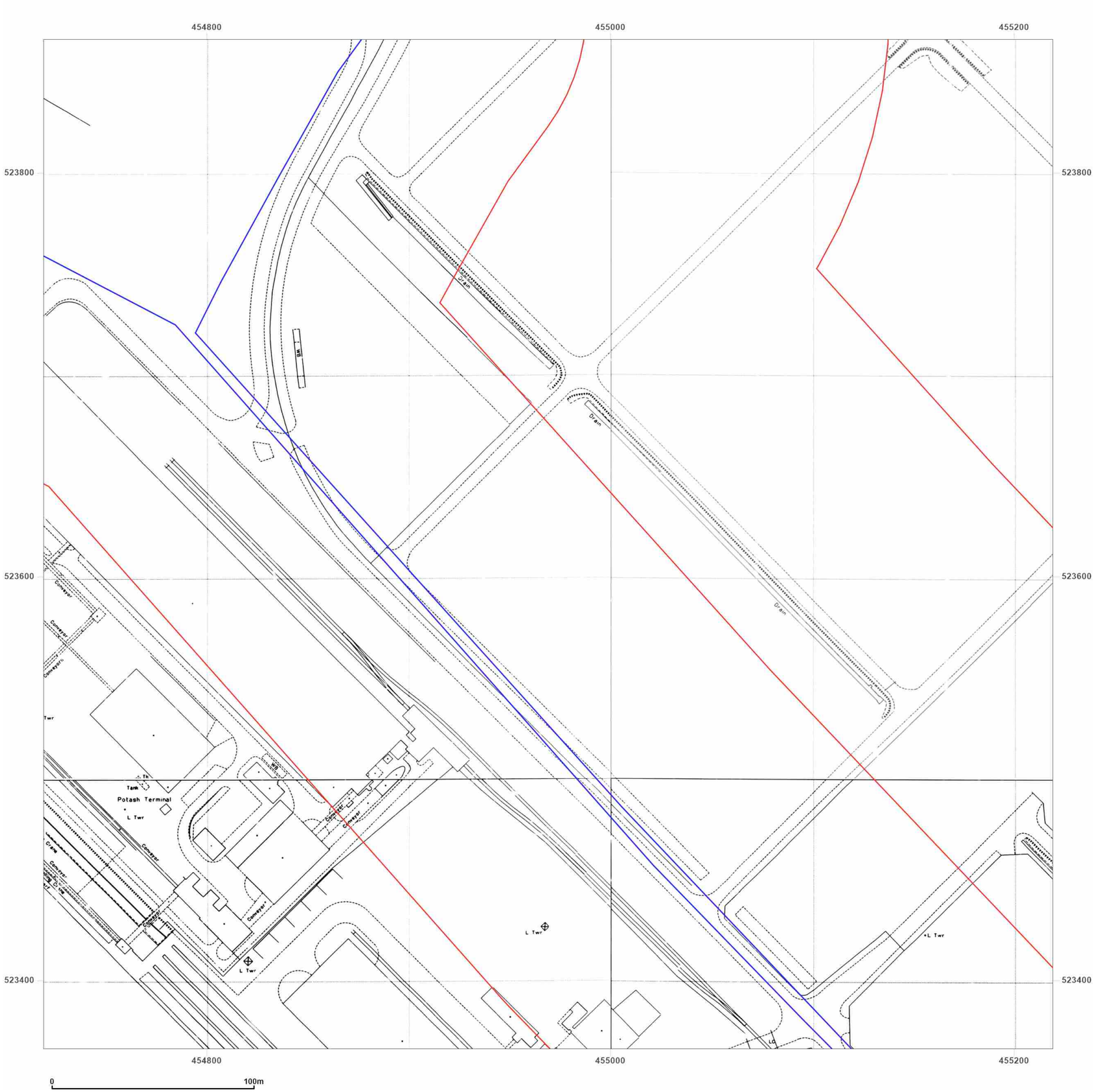
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid
Map date: **1993**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1993 Levelled N/A	Surveyed 1993 Revised 1993 Edition N/A Copyright N/A Levelled N/A
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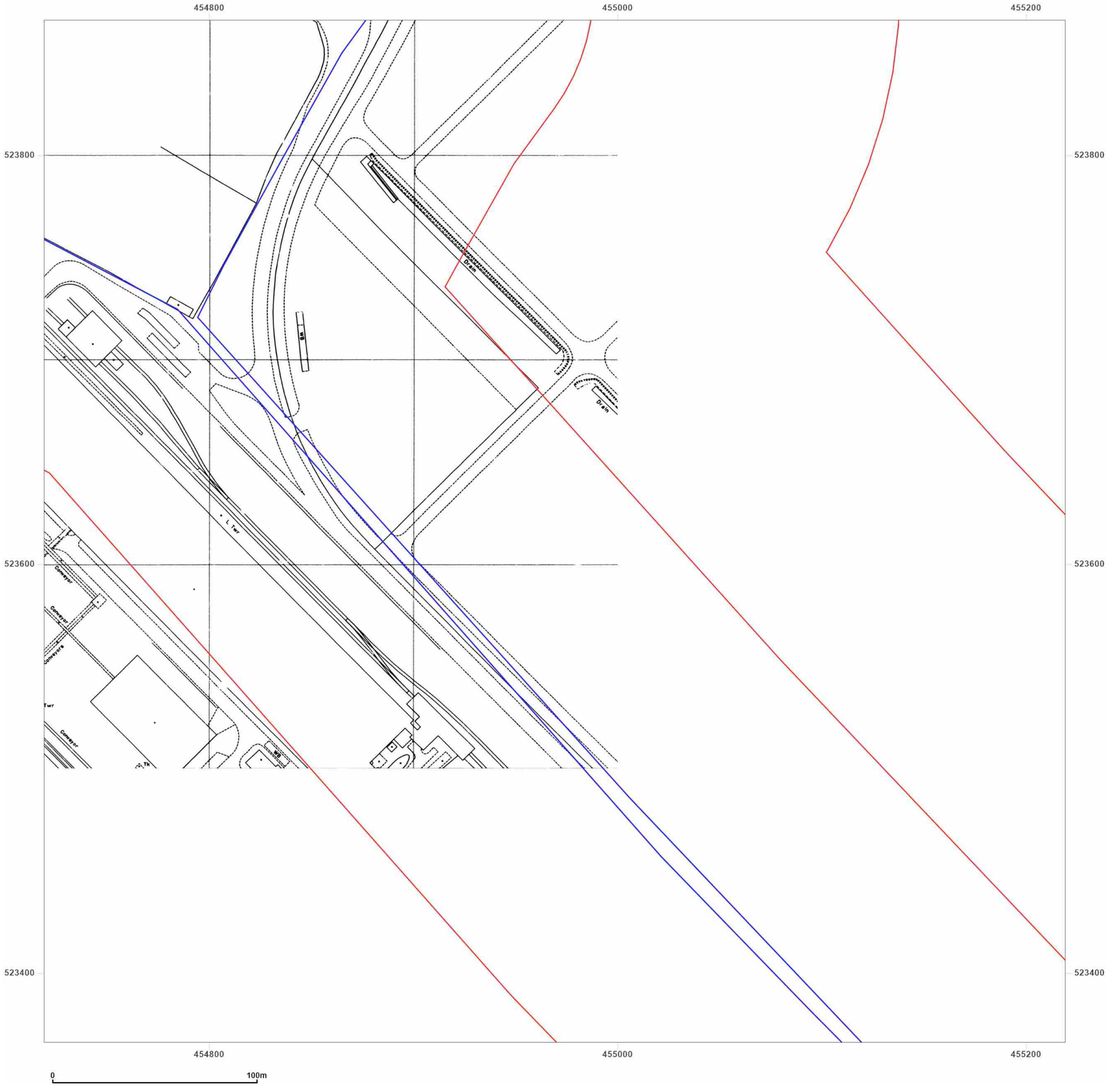
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid
Map date: **1994**
Scale: 1:1,250
Printed at: 1:2,000

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Revised N/A
Edition N/A
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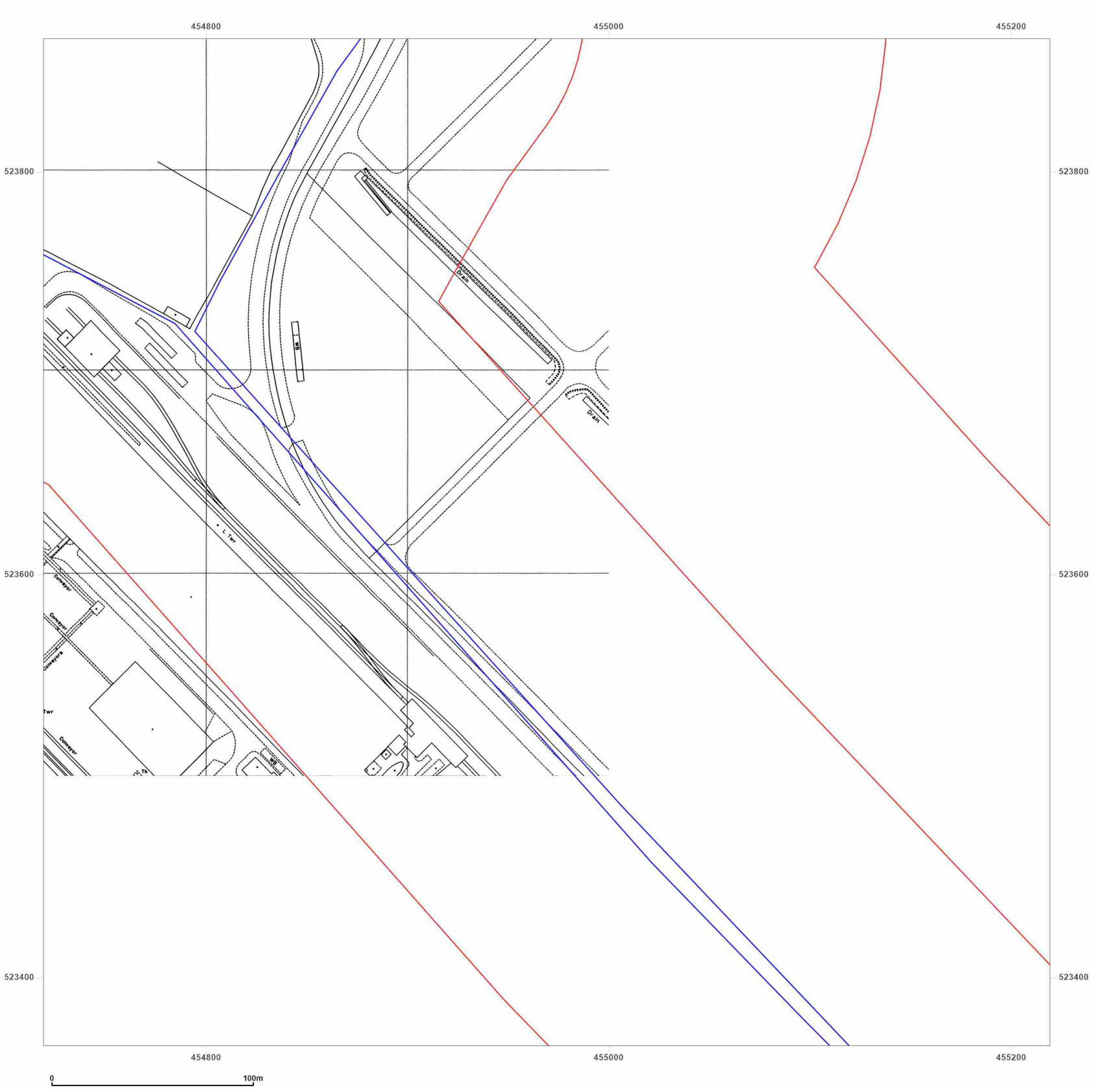
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_3
Grid Ref: 454969, 523616

Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1994
Revised 1994
Edition N/A
Copyright 1994
Levelled N/A

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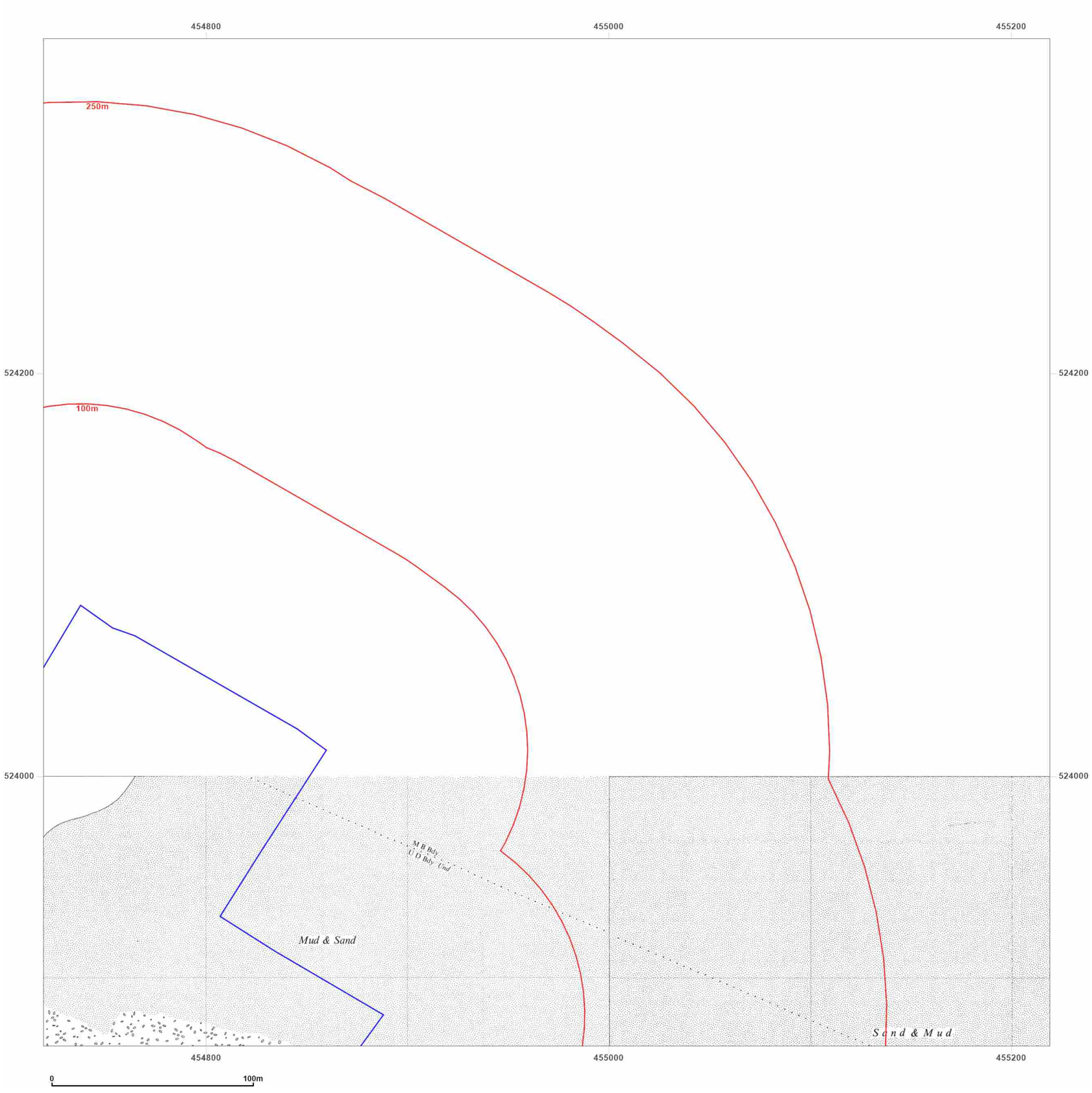
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

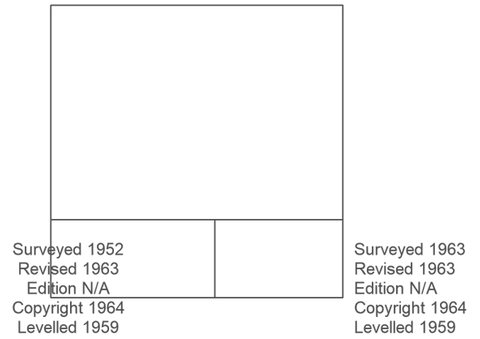
Map Name: National Grid

Map date: **1964**

Scale: 1:1,250

Printed at: 1:2,000

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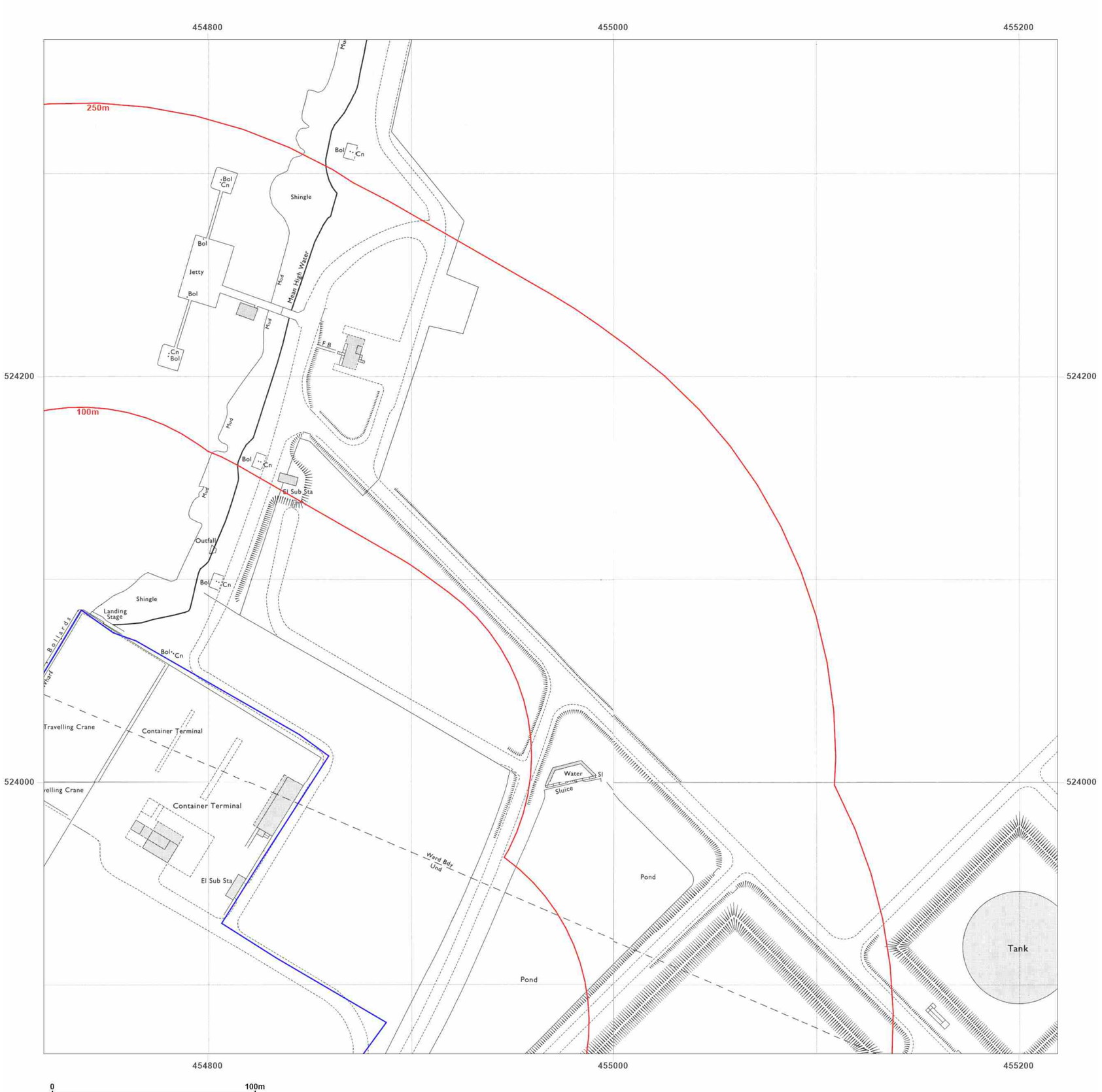
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EMAPSITE™

Site Details:

unspecified

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Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

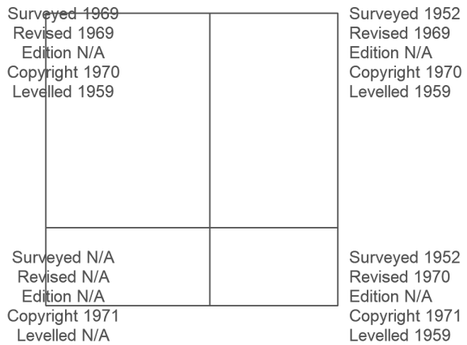
Map Name: National Grid

Map date: **1970-1971**

Scale: 1:1,250

Printed at: 1:2,000

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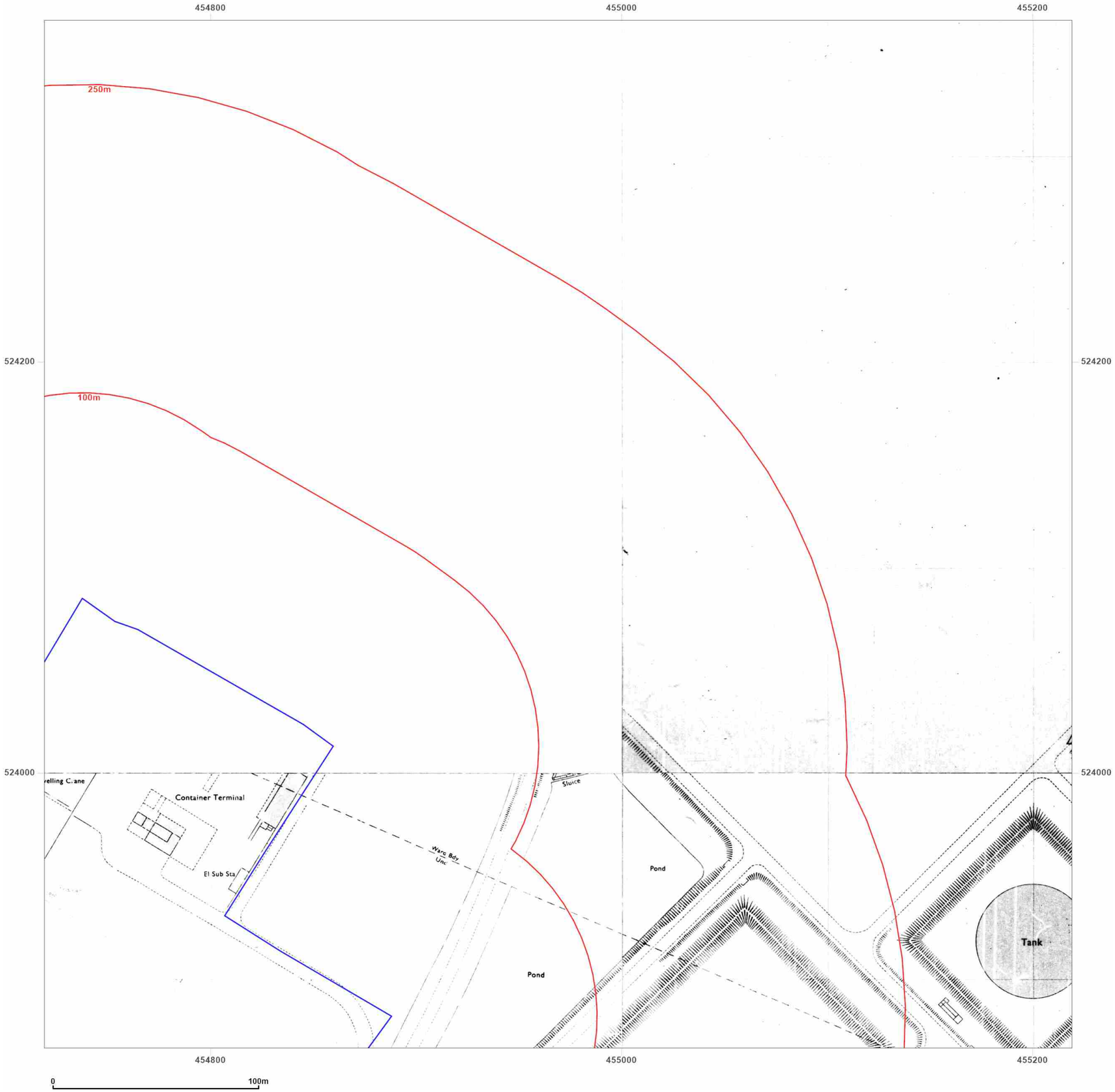
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

Map Name: National Grid

Map date: **1974**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
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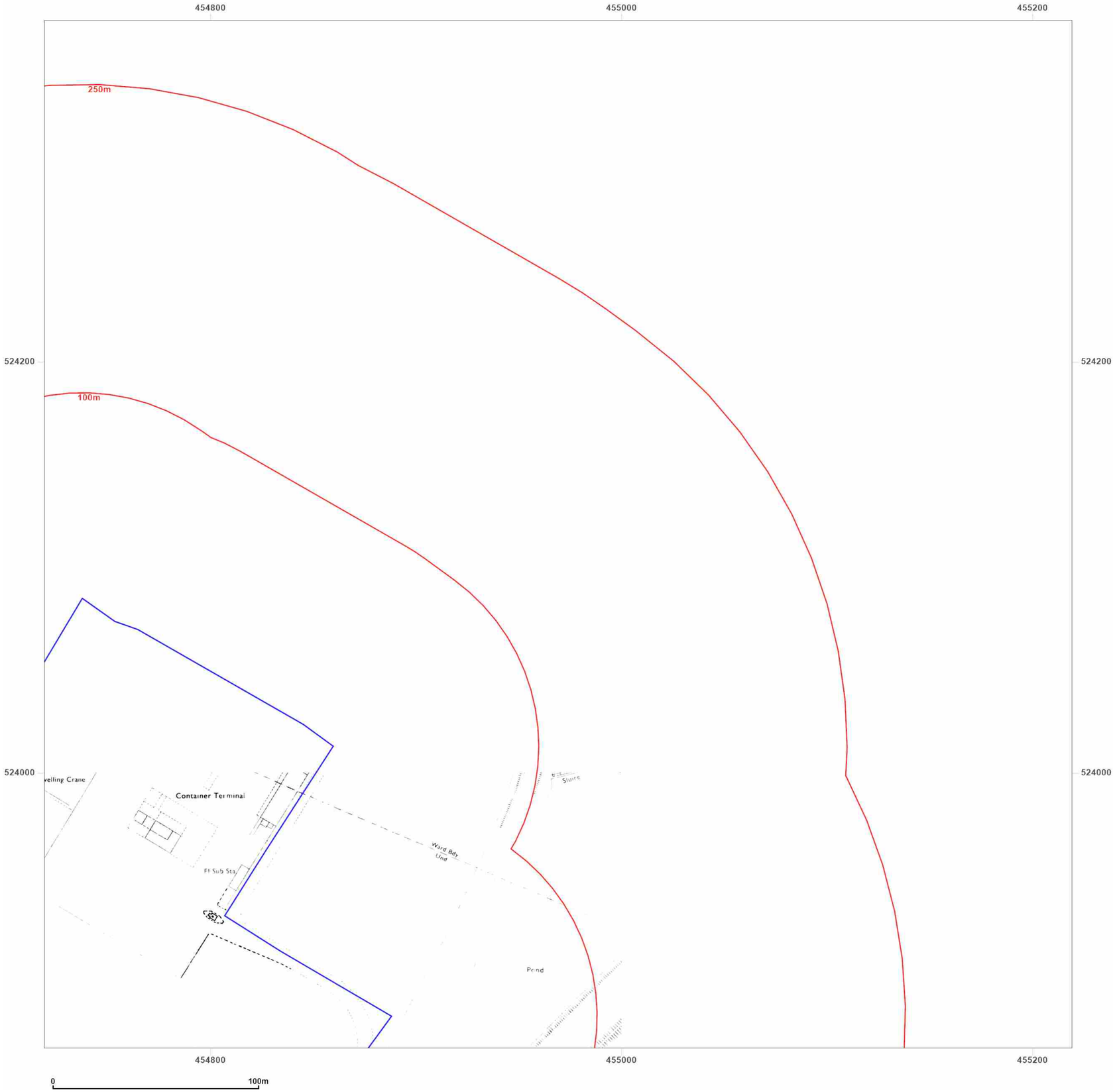
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

Map Name: National Grid

Map date: **1976**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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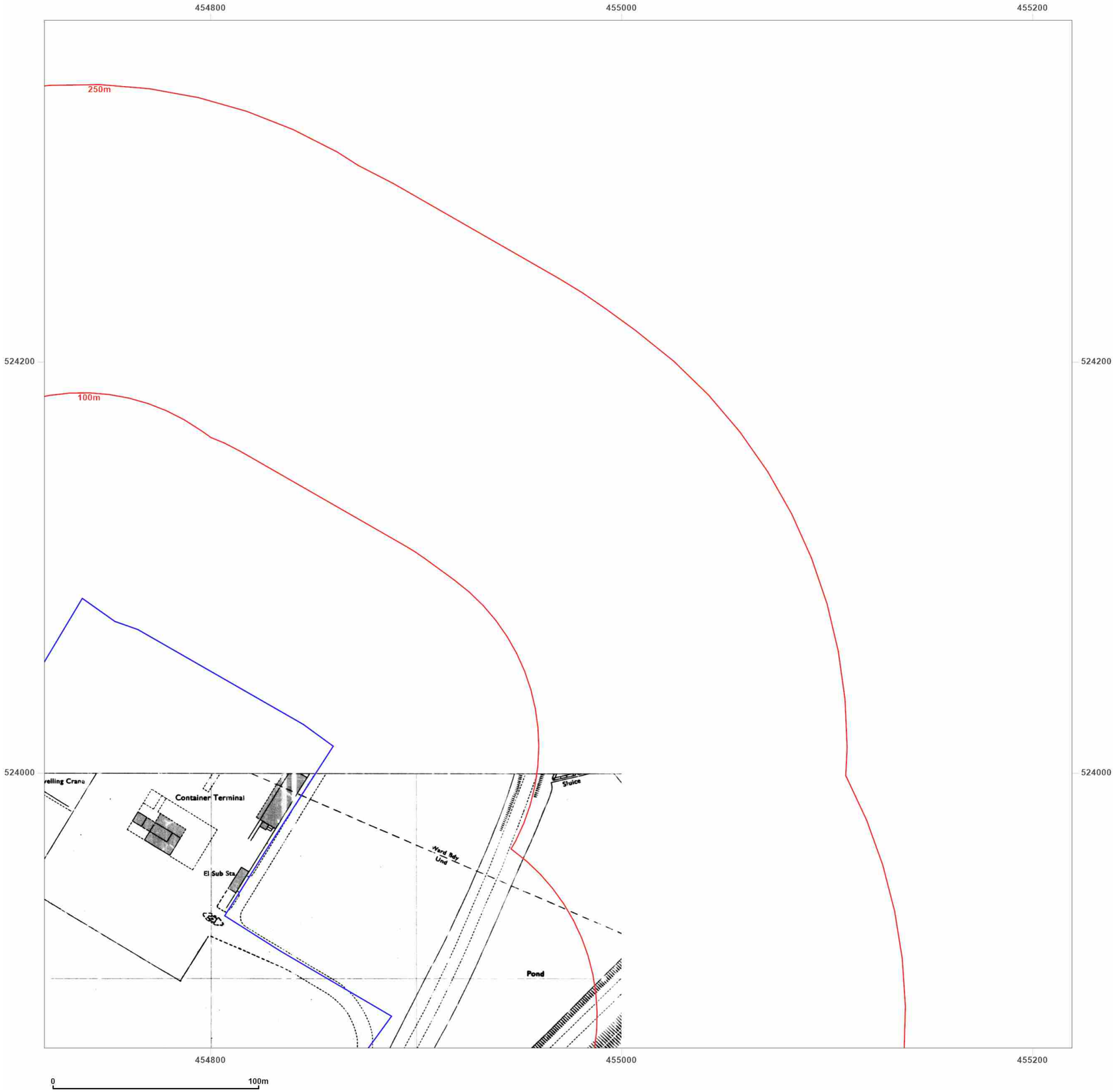
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

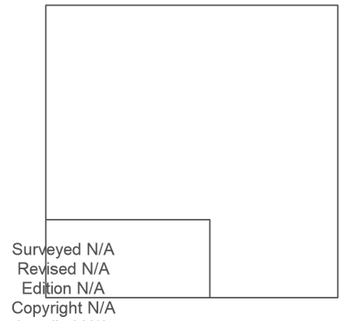
Map Name: National Grid

Map date: **1978**

Scale: 1:1,250

Printed at: 1:2,000

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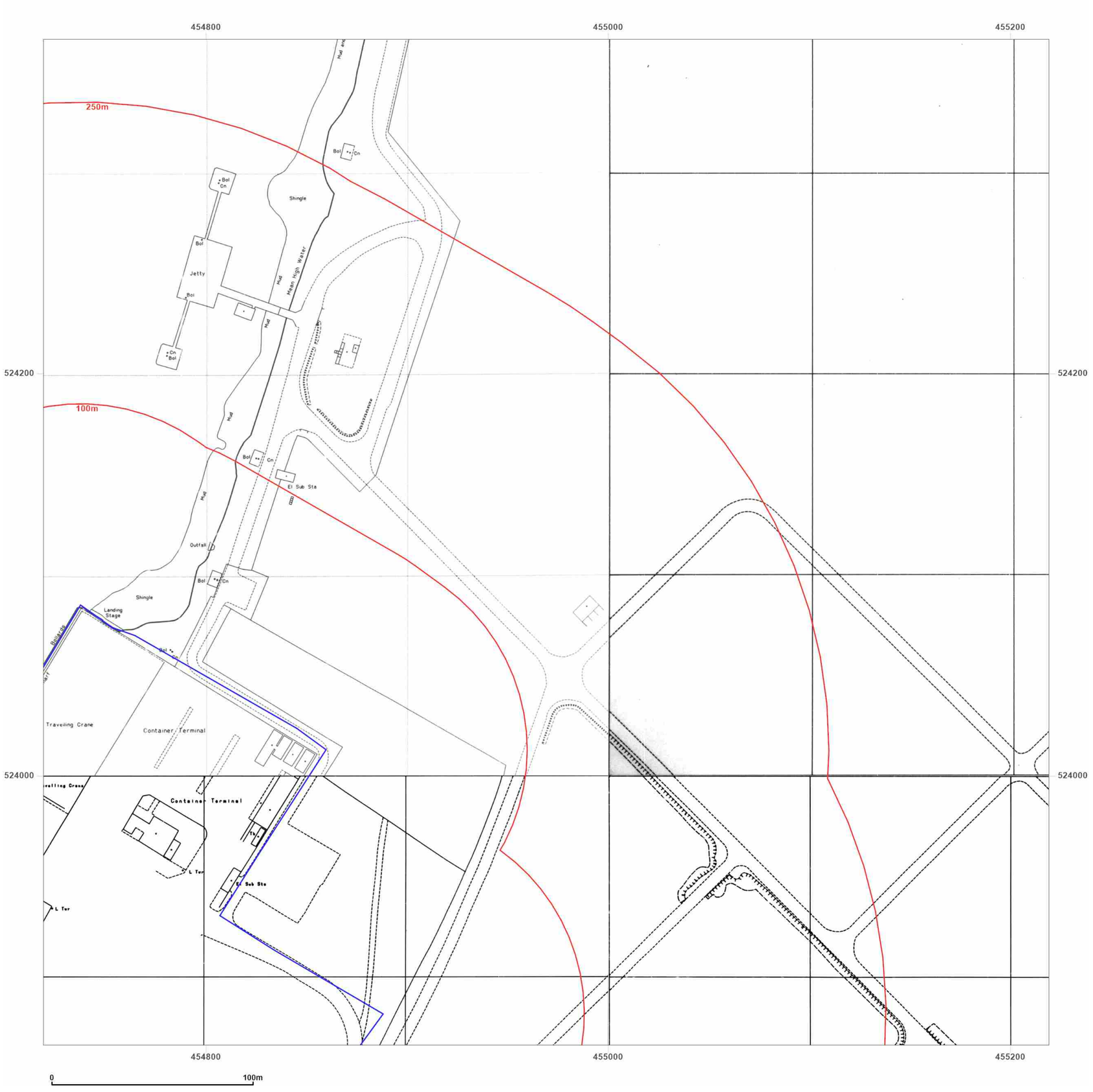
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Site Details:

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Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

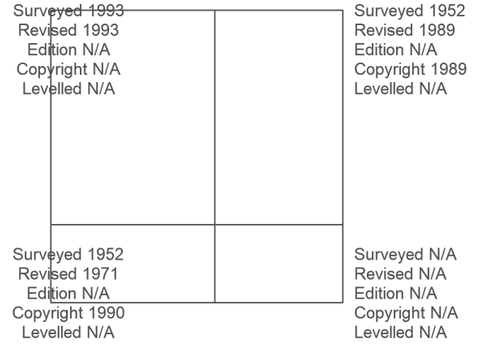
Map Name: National Grid

Map date: **1989-1993**

Scale: 1:1,250

Printed at: 1:2,000

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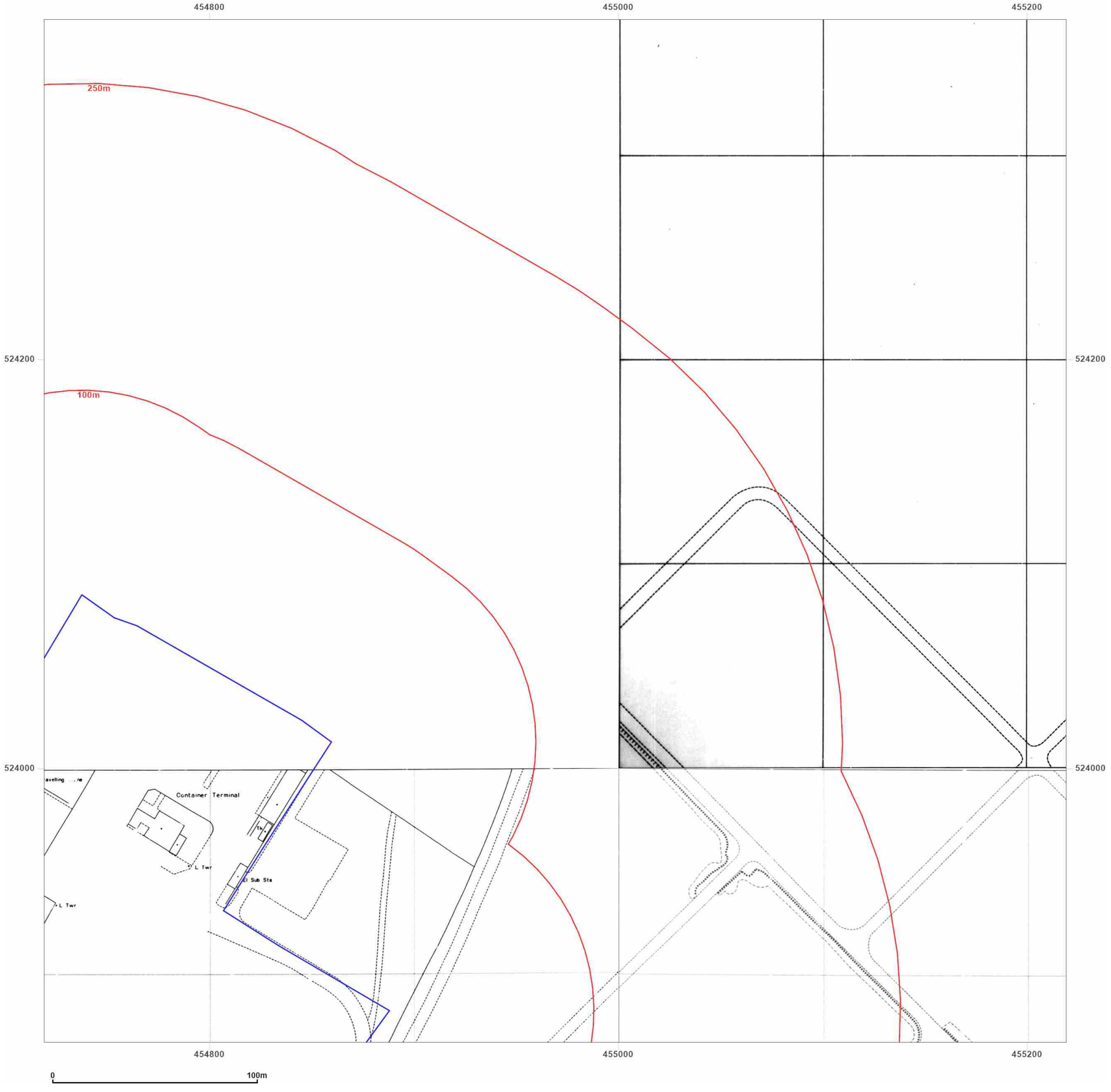
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Site Details:

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Report Ref: EMS-988829_1252673_1250_2_4
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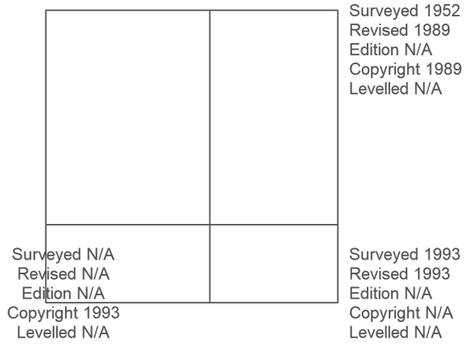
Map Name: National Grid

Map date: **1989-1993**

Scale: 1:1,250

Printed at: 1:2,000

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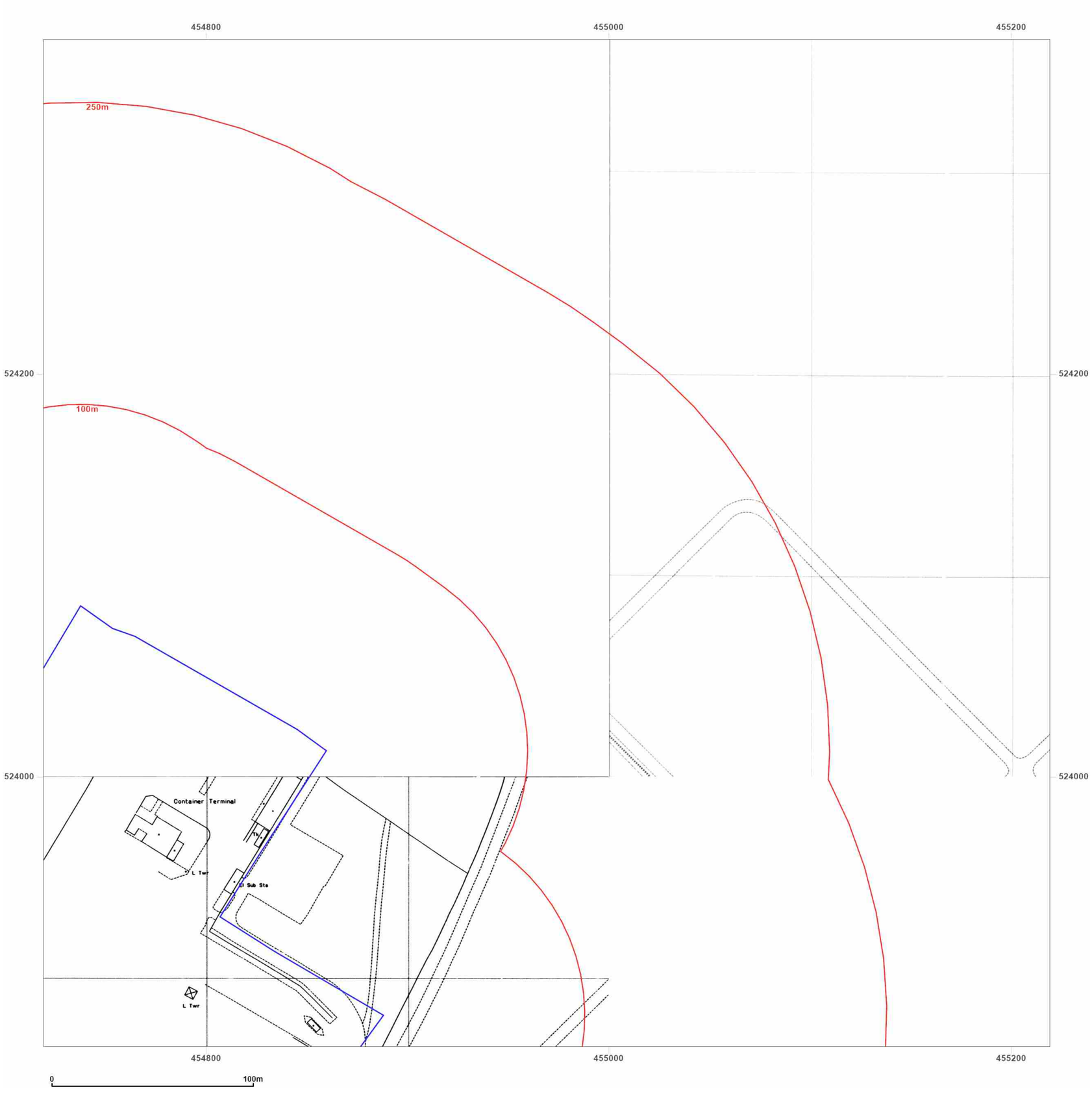
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Site Details:

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Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

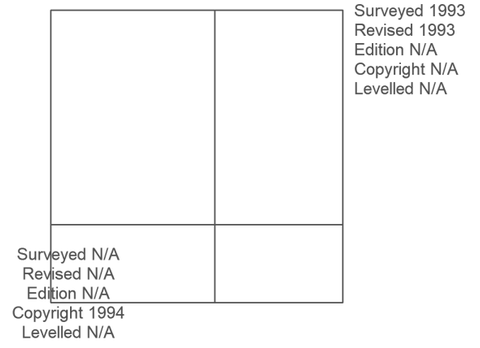
Map Name: National Grid

Map date: **1993-1994**

Scale: 1:1,250

Printed at: 1:2,000

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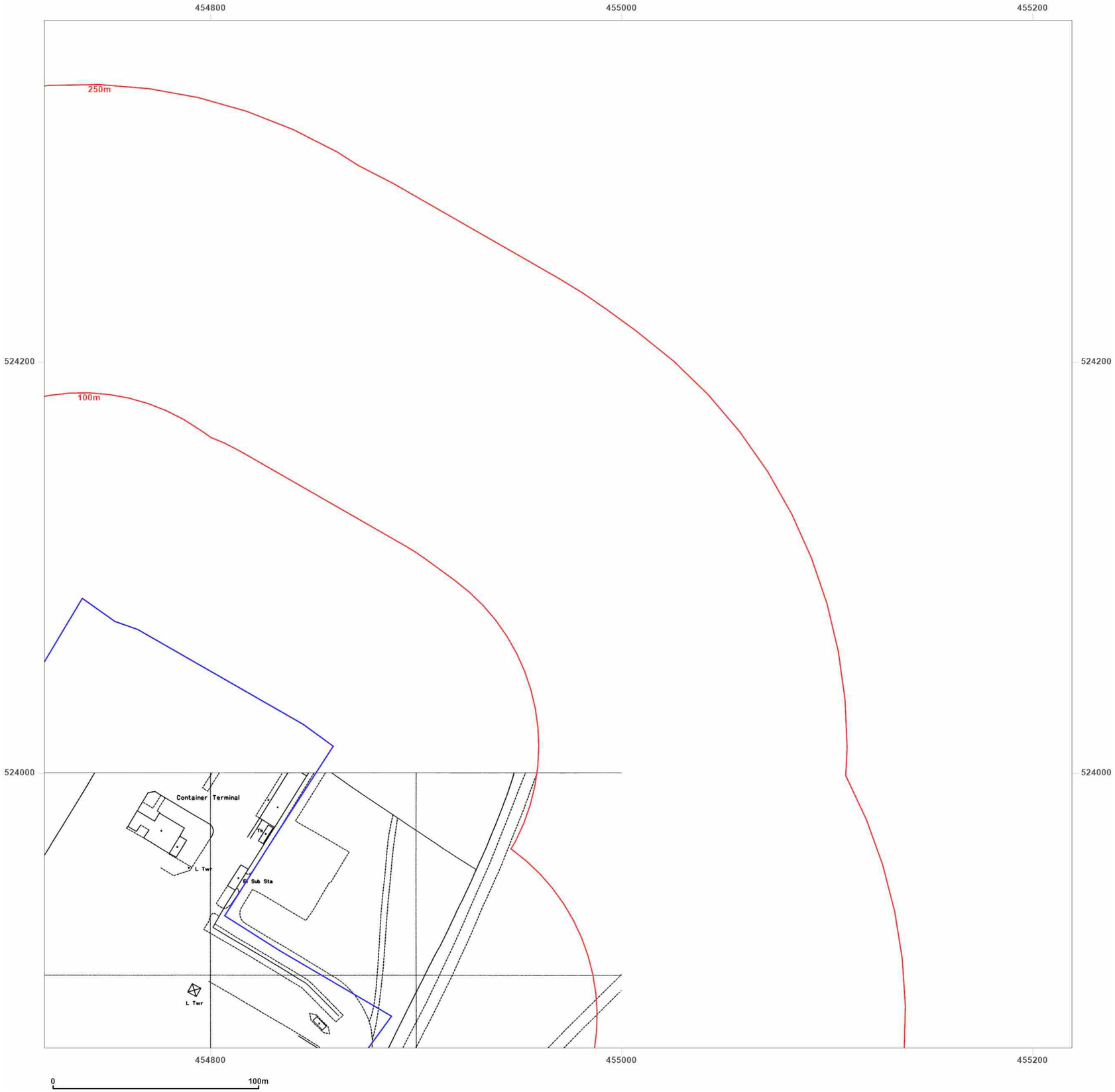
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_1250_2_4
Grid Ref: 454969, 524116

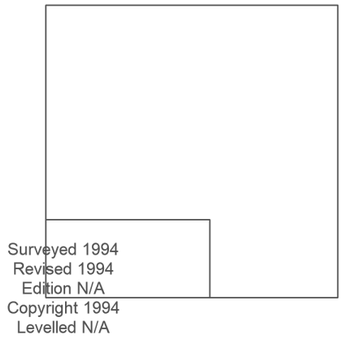
Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

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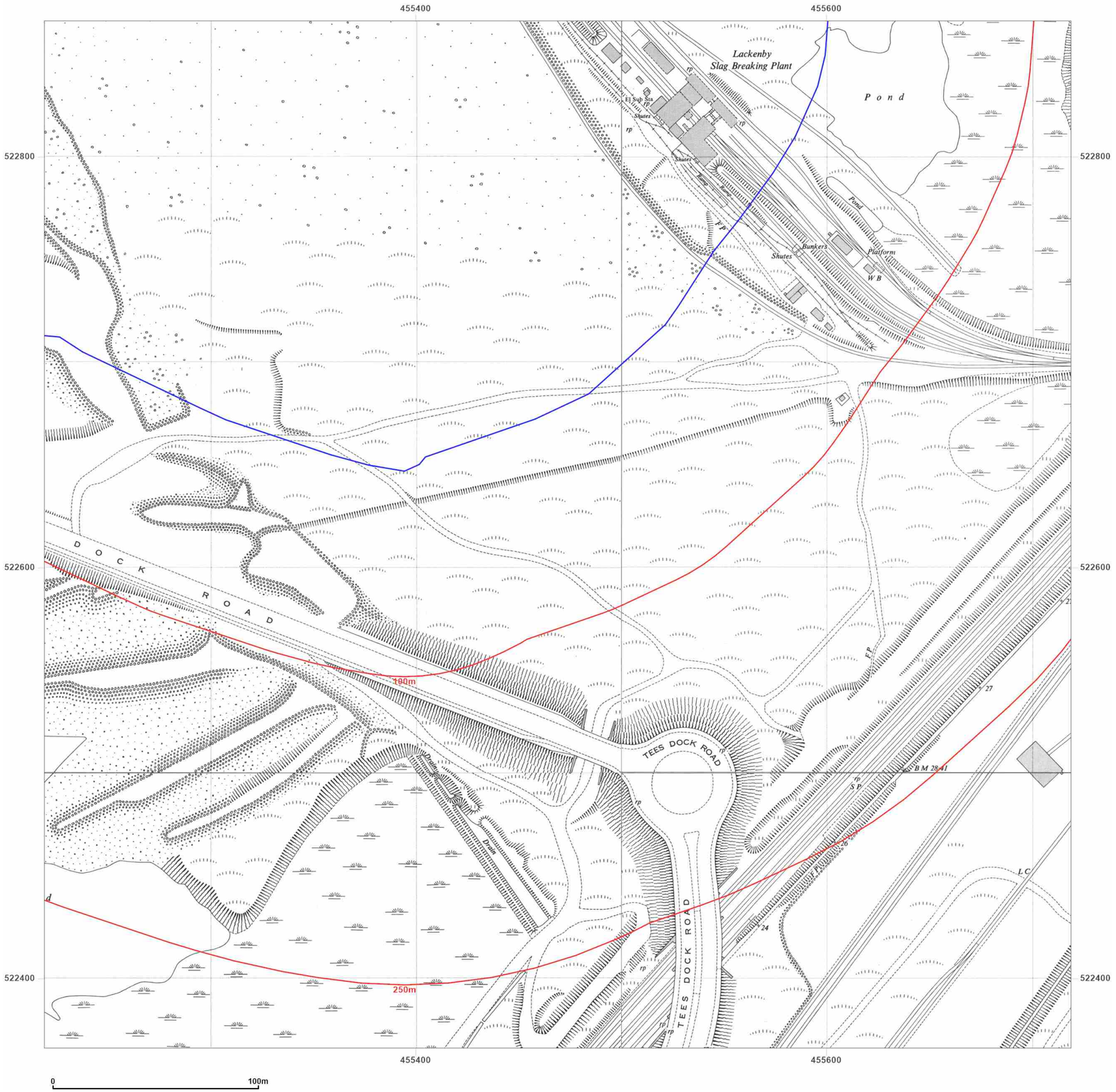
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid

Map date: **1952**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948	Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948
Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948	Surveyed 1952 Revised 1952 Edition N/A Copyright N/A Levelled 1948

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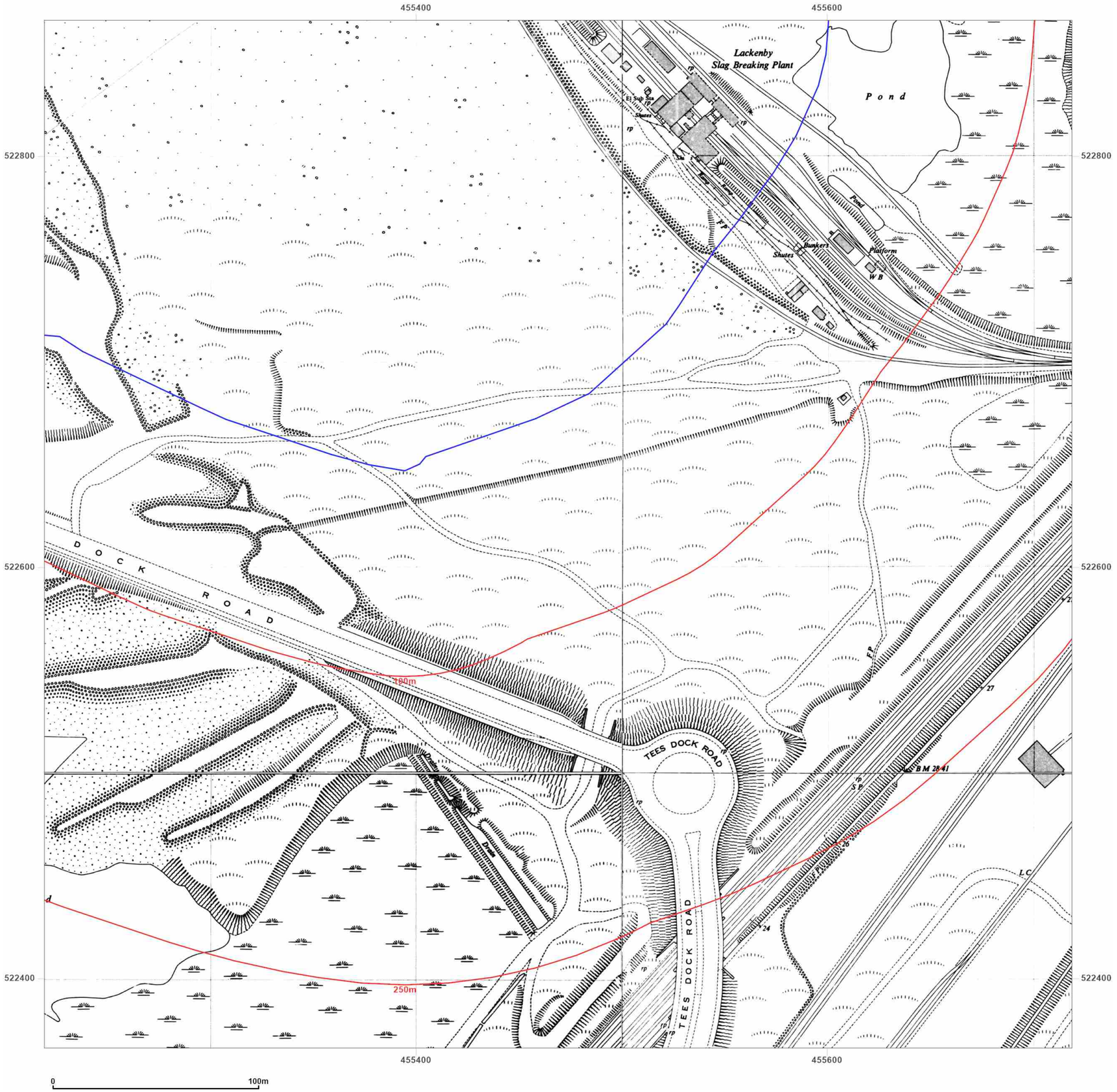
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid

Map date: **1953**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1953 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1953 Levelled N/A
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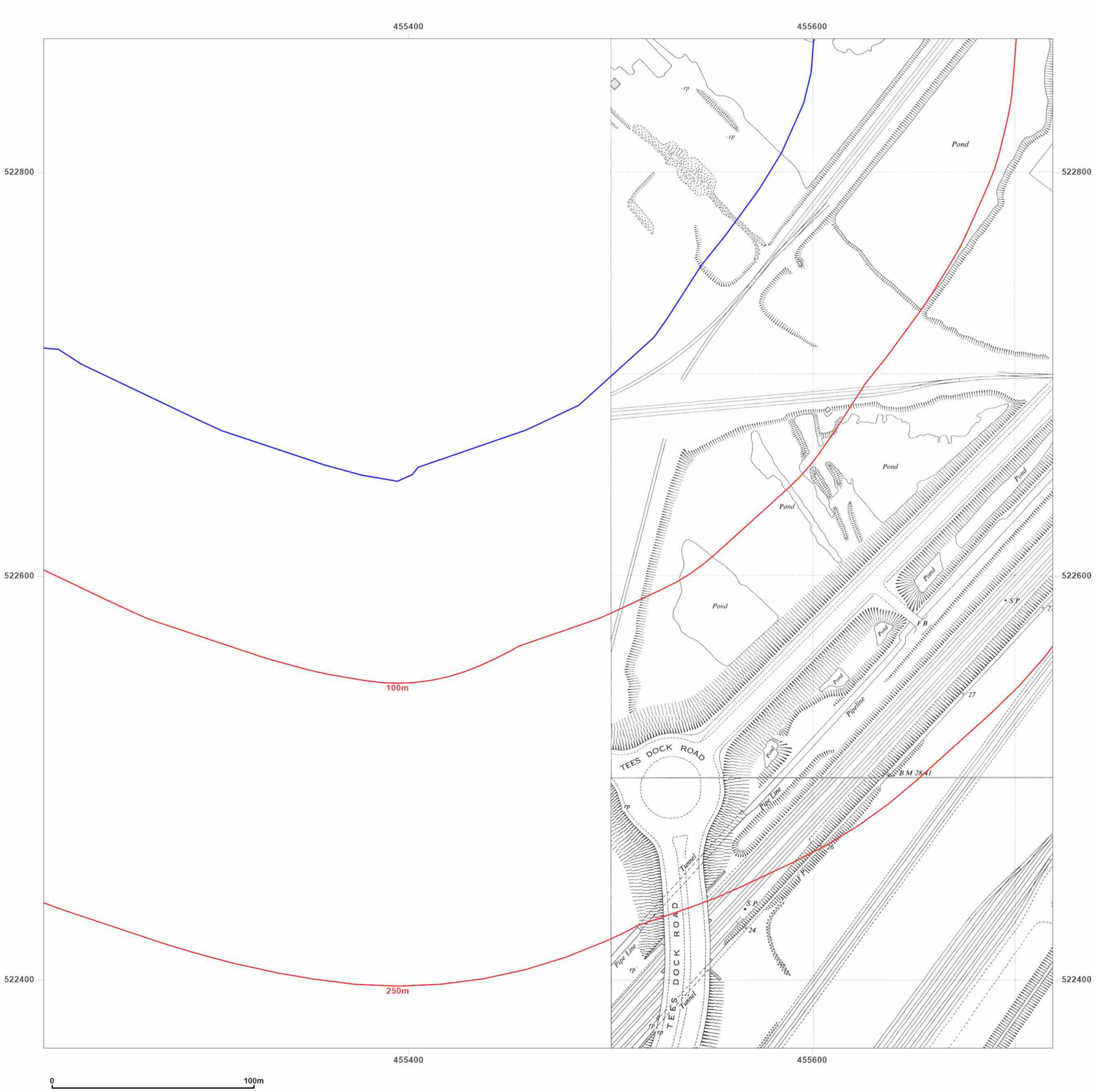
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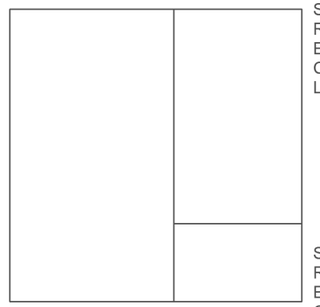
Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid
Map date: **1959**
Scale: 1:1,250
Printed at: 1:2,000

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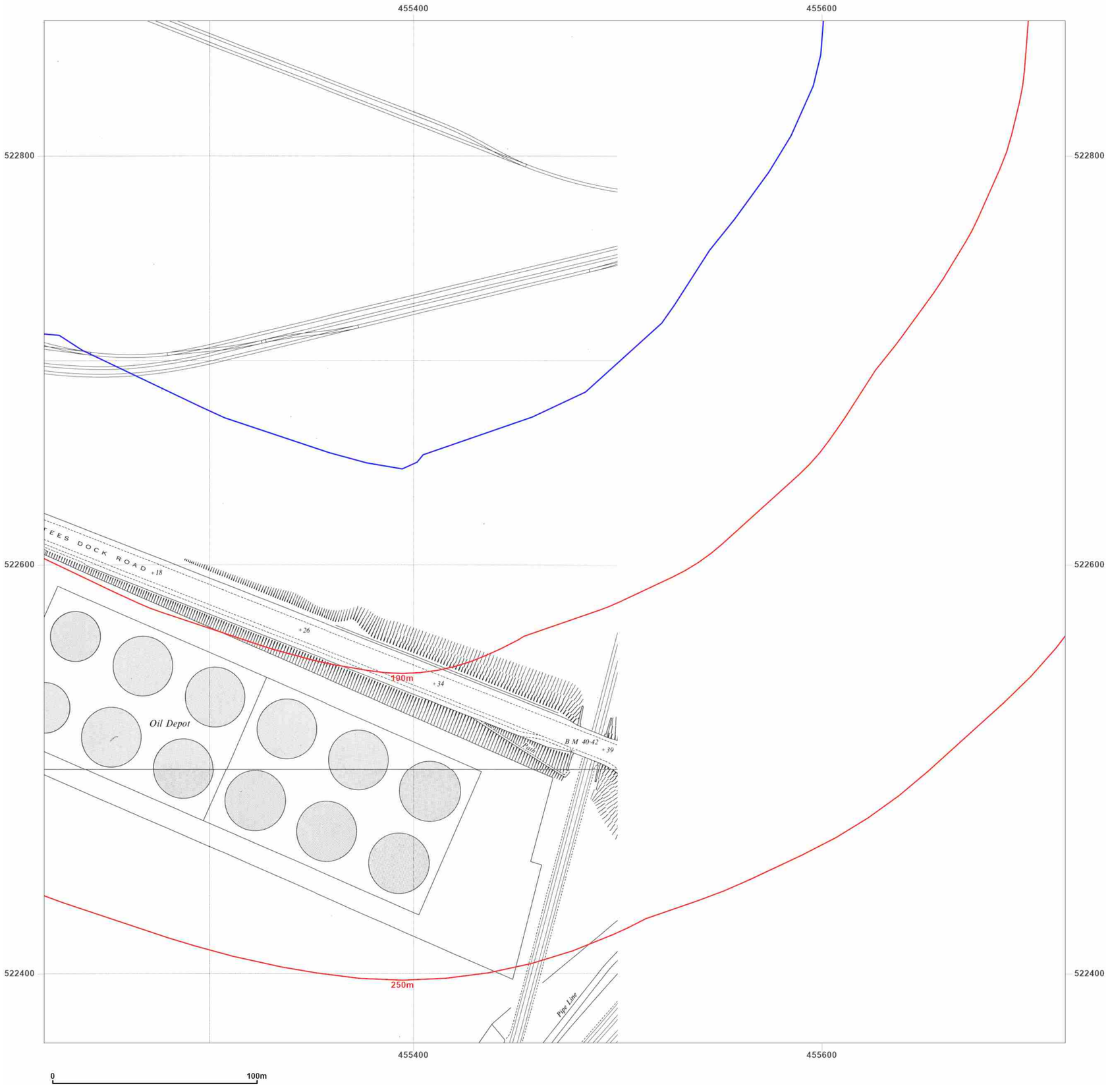
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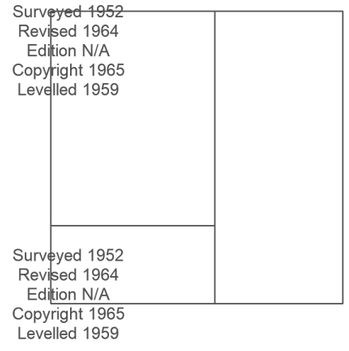
Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid
Map date: **1965**
Scale: 1:1,250
Printed at: 1:2,000

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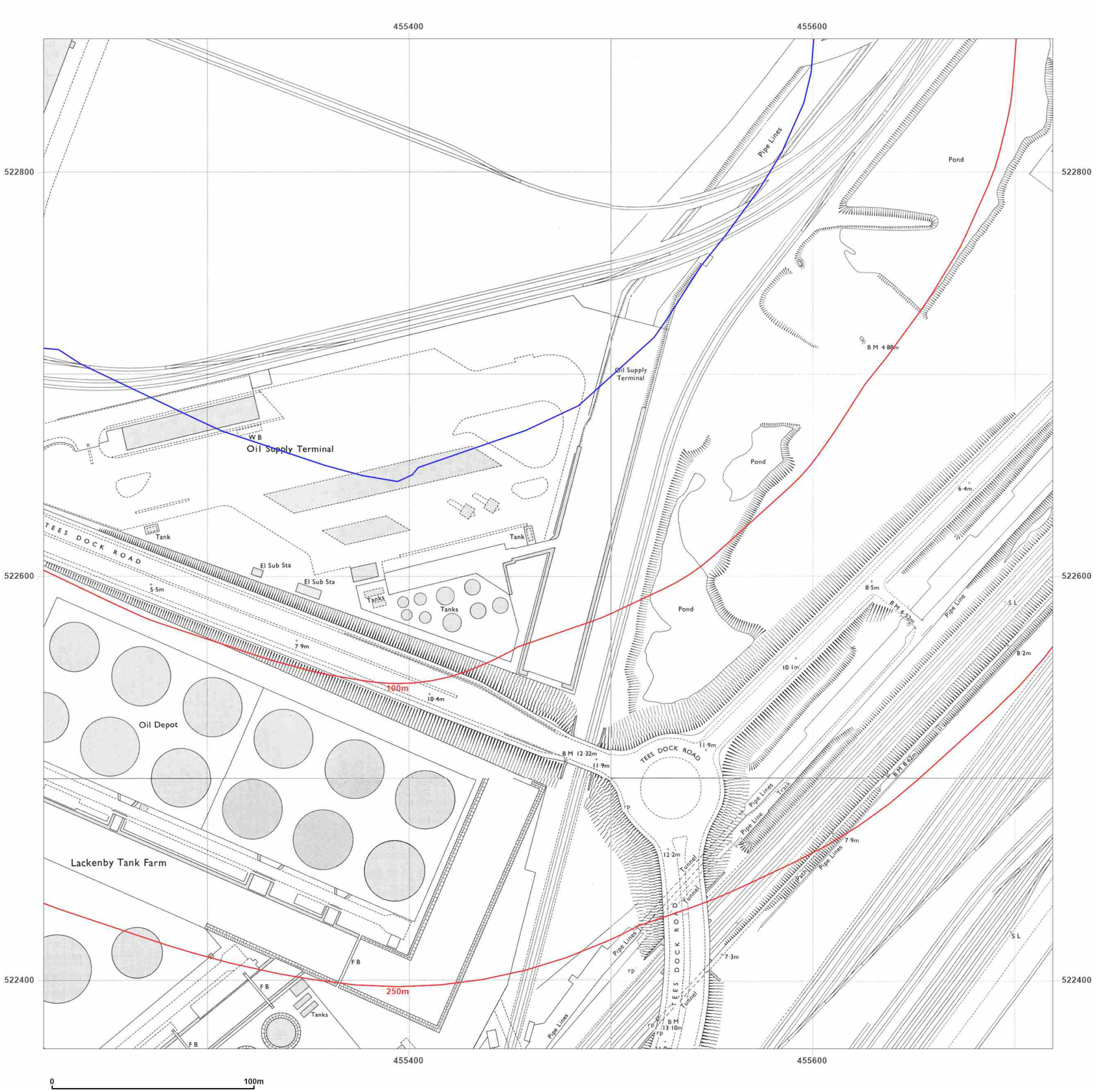
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid

Map date: **1970-1973**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1952 Revised 1970 Edition N/A Copyright N/A Levelled N/A	Surveyed 1952 Revised 1970 Edition N/A Copyright 1971 Levelled 1959
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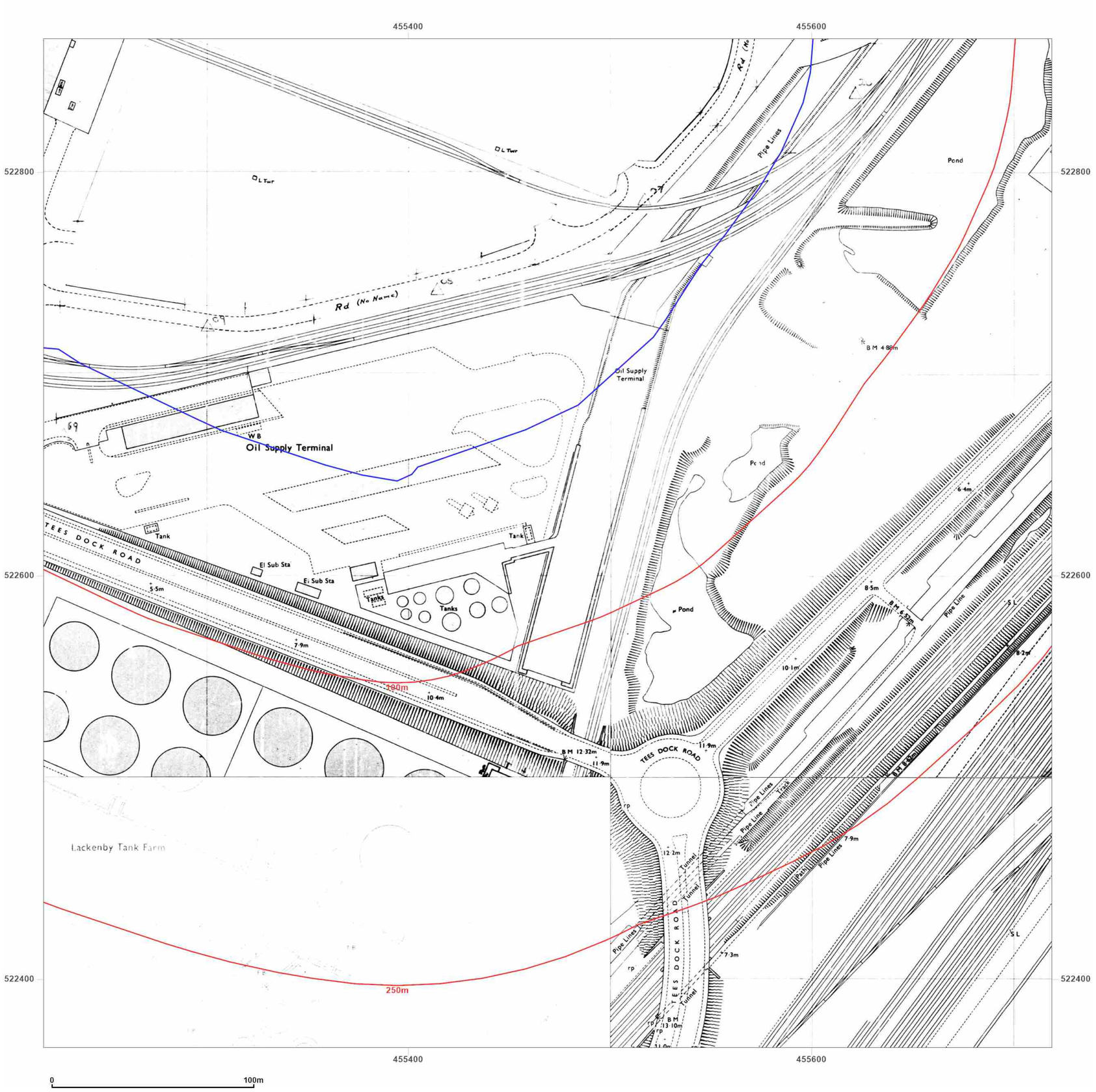
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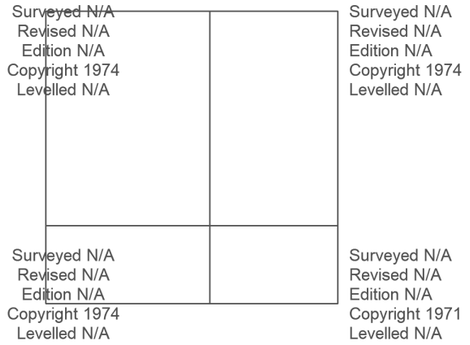
Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid
Map date: **1971-1974**
Scale: 1:1,250
Printed at: 1:2,000

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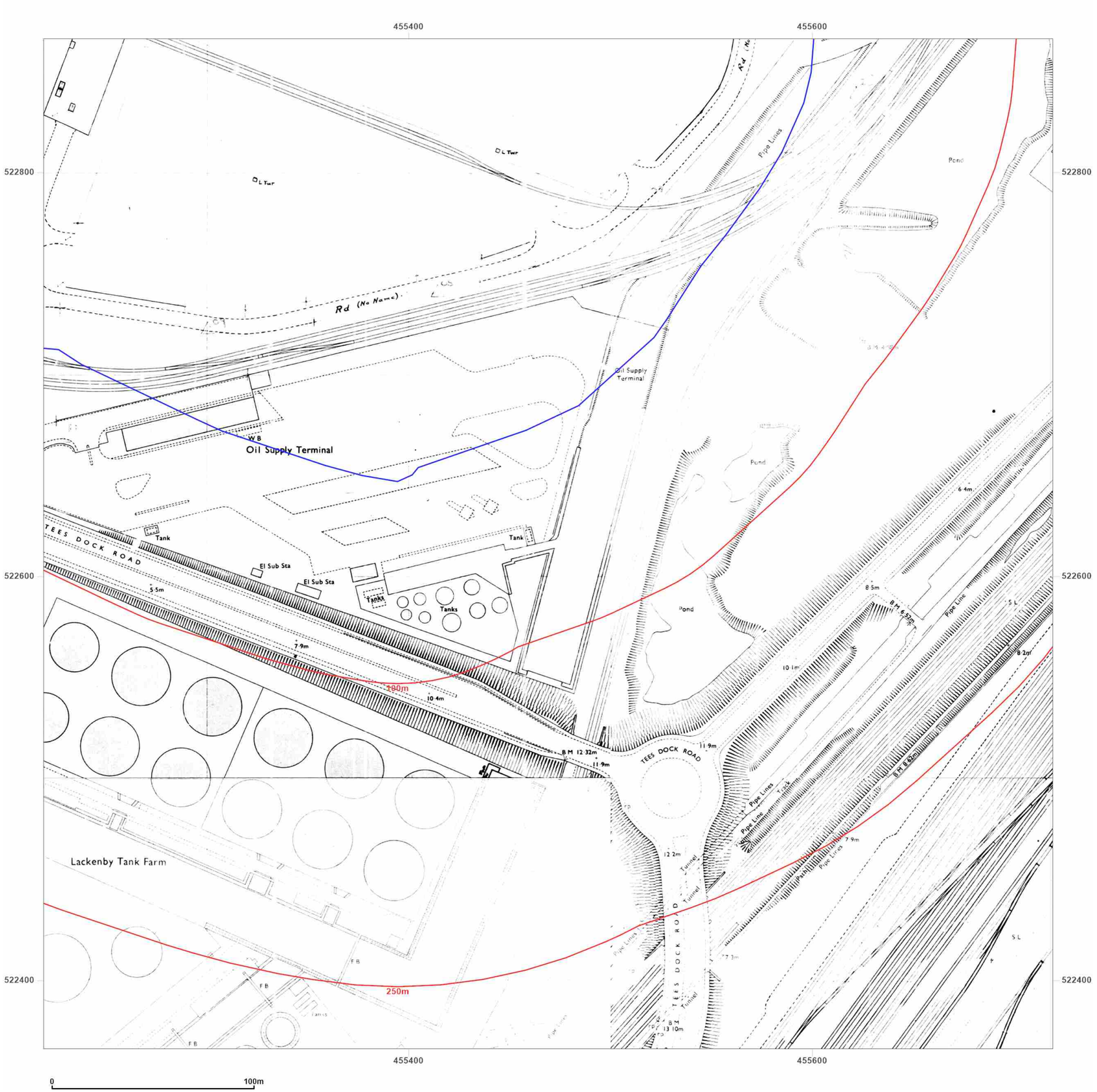
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid
Map date: **1974-1975**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1975 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1975 Levelled N/A
Surveyed N/A Revised N/A Edition N/A Copyright 1975 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1974 Levelled N/A

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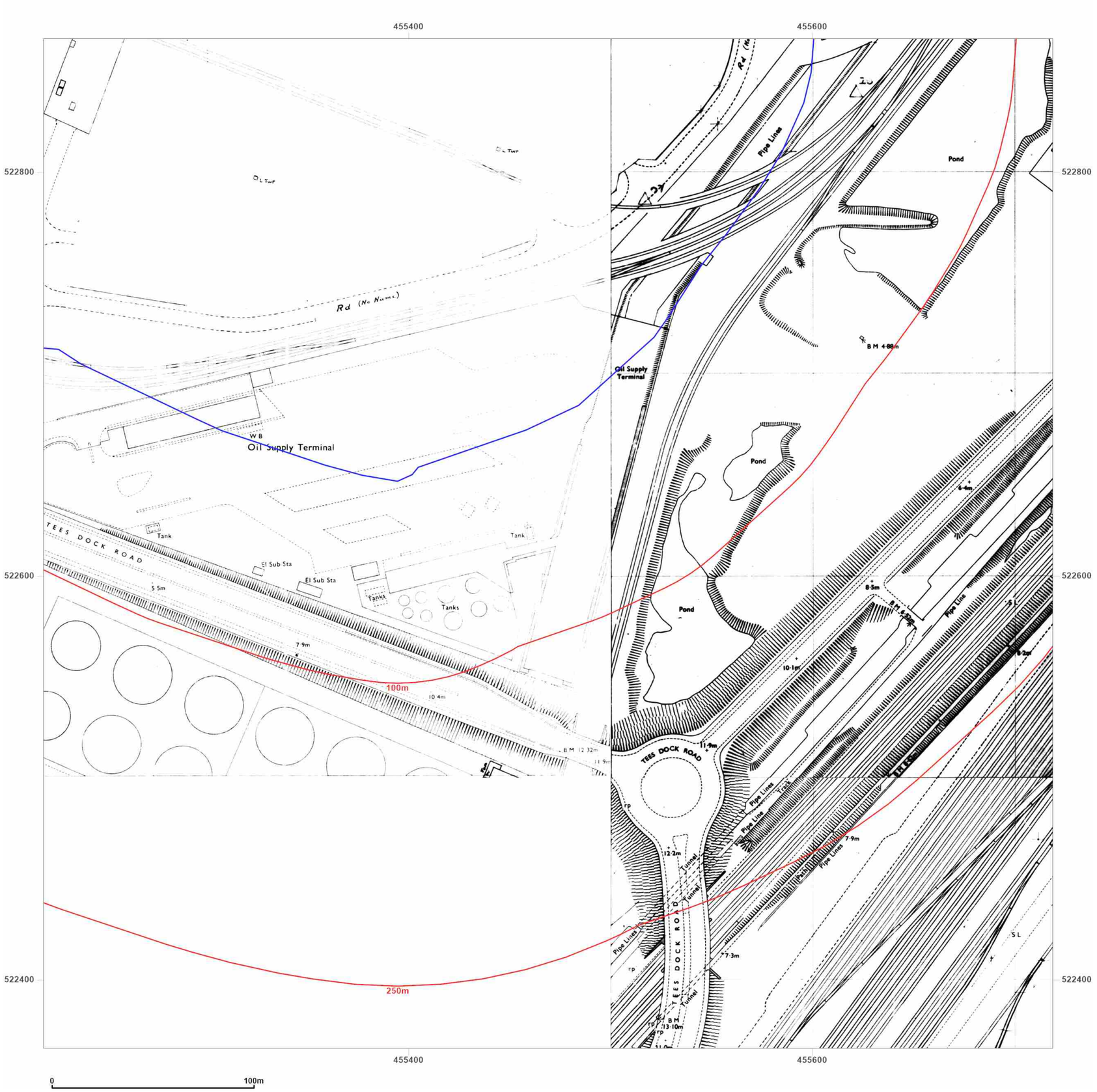
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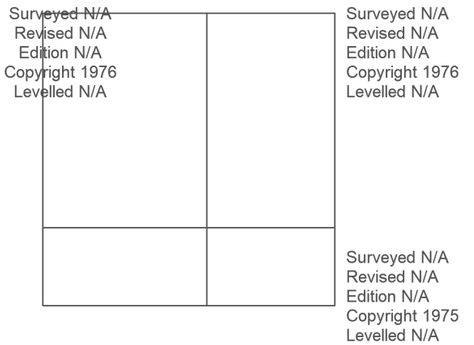
Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid
Map date: **1975-1976**
Scale: 1:1,250
Printed at: 1:2,000

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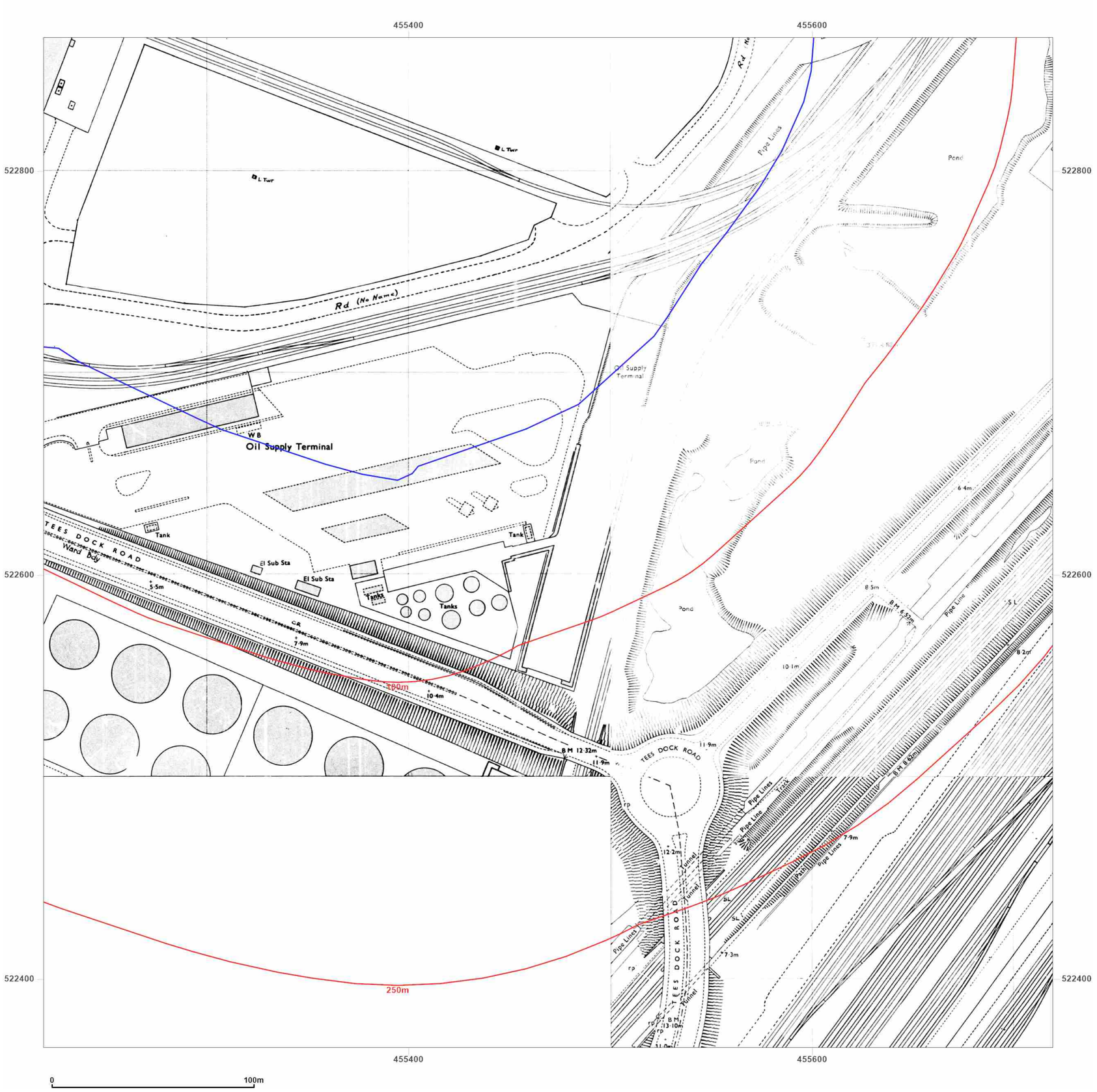
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Production date: 03 December 2024

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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid
Map date: **1977-1982**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1977
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1977
Levelled N/A

Surveyed 1959
Revised 1982
Edition N/A
Copyright 1982
Levelled 1959

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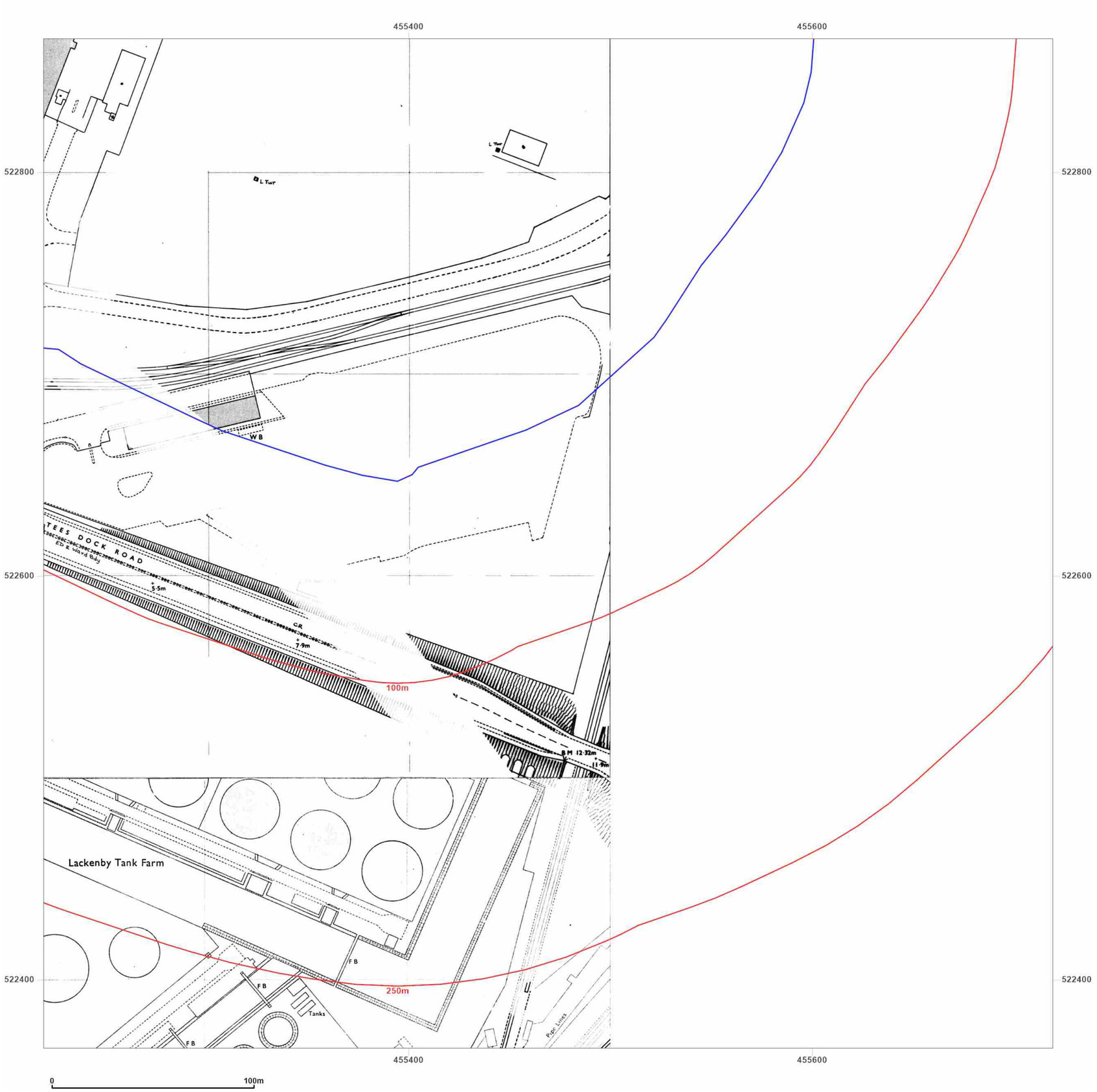
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Grid Ref: 455469, 522616

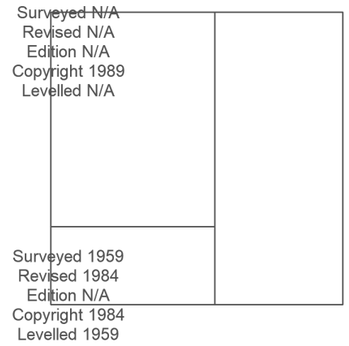
Map Name: National Grid

Map date: **1984-1989**

Scale: 1:1,250

Printed at: 1:2,000

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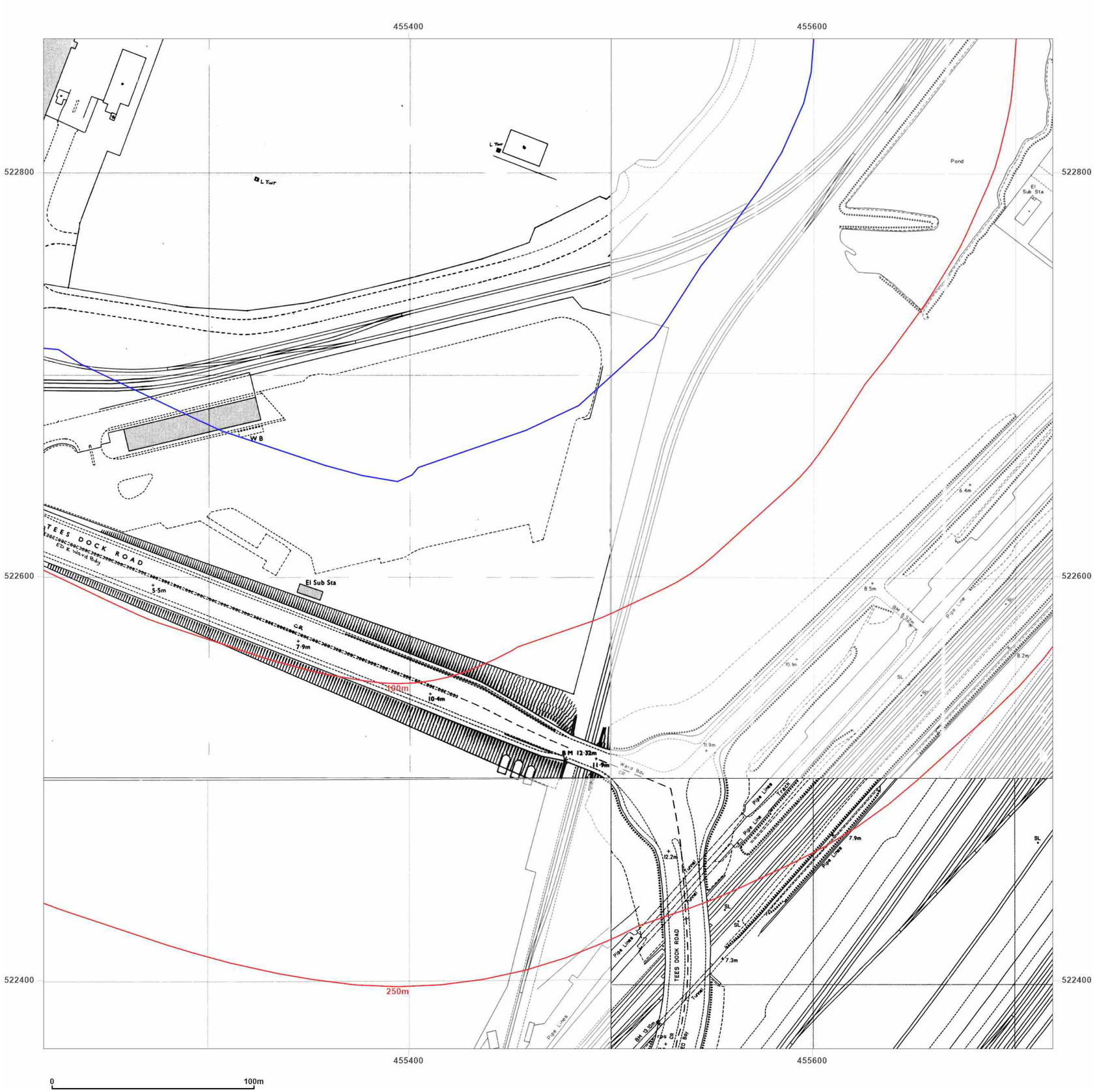
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

Map Name: National Grid

Map date: **1989-1994**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1959 Revised 1989 Edition N/A Copyright 1989 Levelled 1959	Surveyed 1993 Revised 1993 Edition N/A Copyright N/A Levelled N/A
Surveyed 1993 Revised 1993 Edition N/A Copyright N/A Levelled N/A	Surveyed 1994 Revised 1994 Edition N/A Copyright 1994 Levelled N/A

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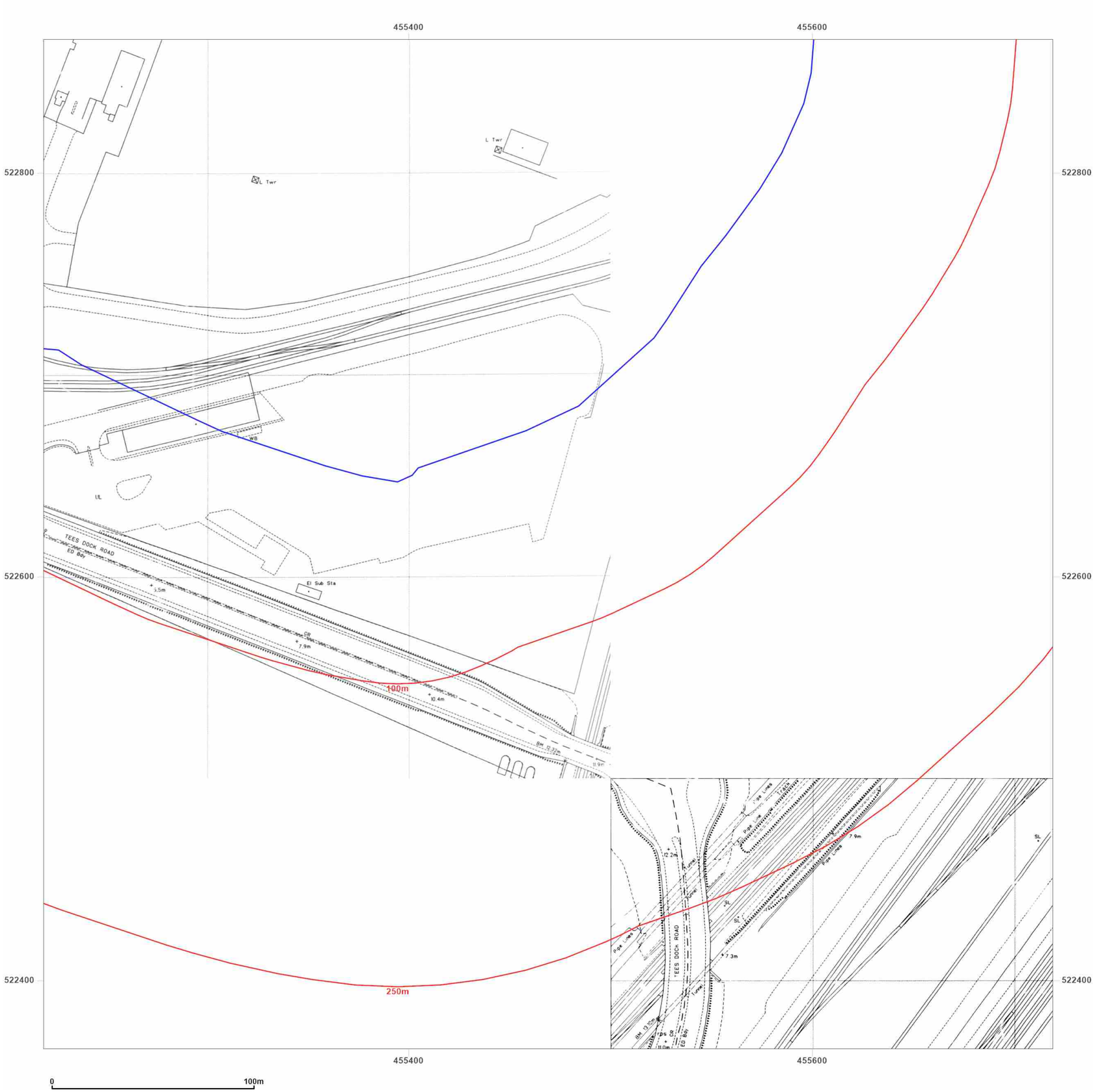
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Report Ref: EMS-988829_1252673_1250_3_1
Grid Ref: 455469, 522616

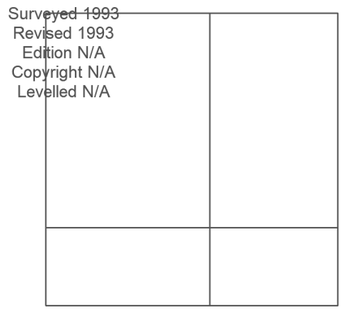
Map Name: National Grid

Map date: **1993-1994**

Scale: 1:1,250

Printed at: 1:2,000

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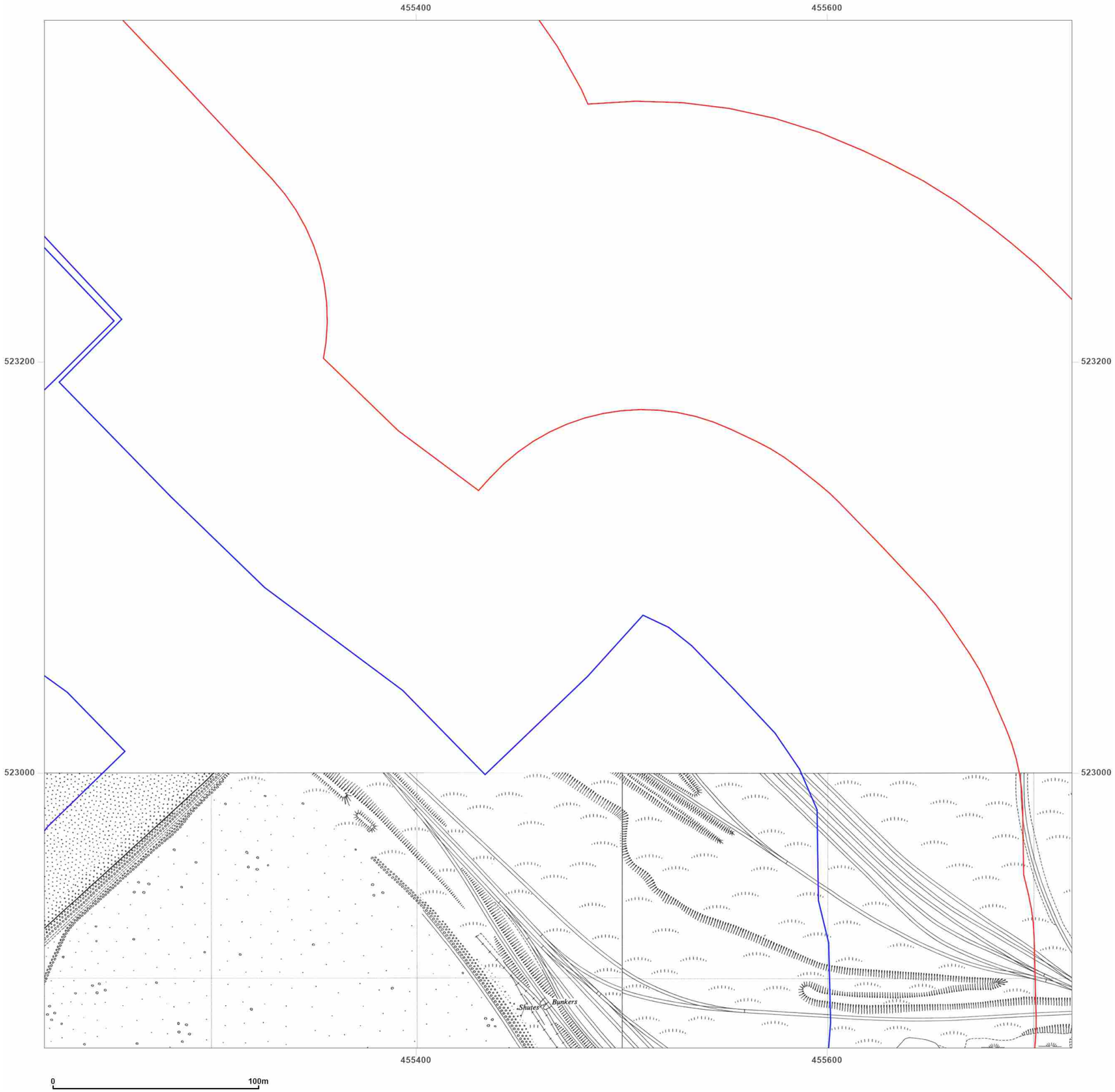
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid
Map date: **1952**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed 1952
Revised 1952
Edition N/A
Copyright N/A
Levelled 1948

Surveyed 1952
Revised 1952
Edition N/A
Copyright N/A
Levelled 1948

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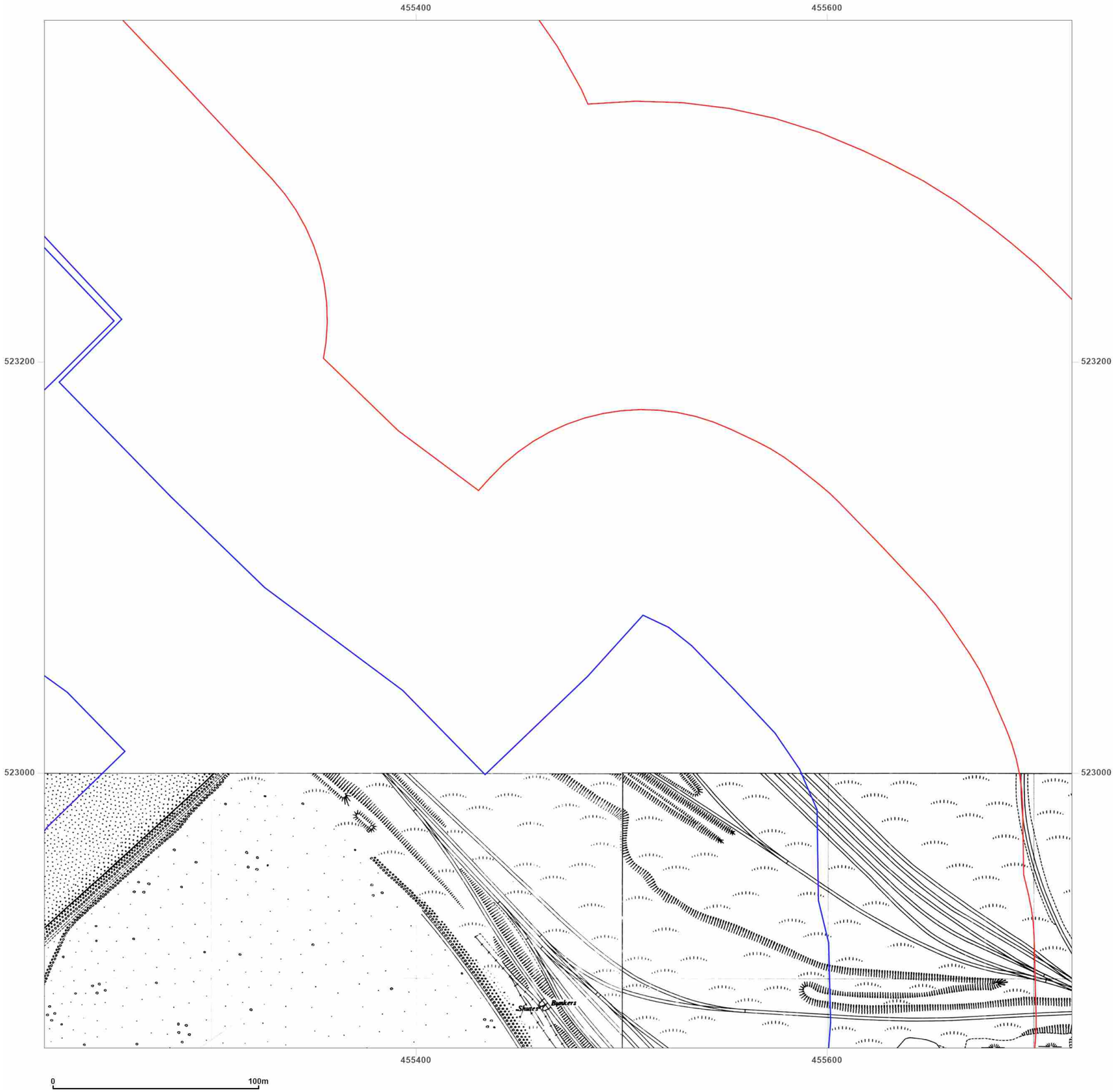
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid
Map date: **1953**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1953
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1953
Levelled N/A

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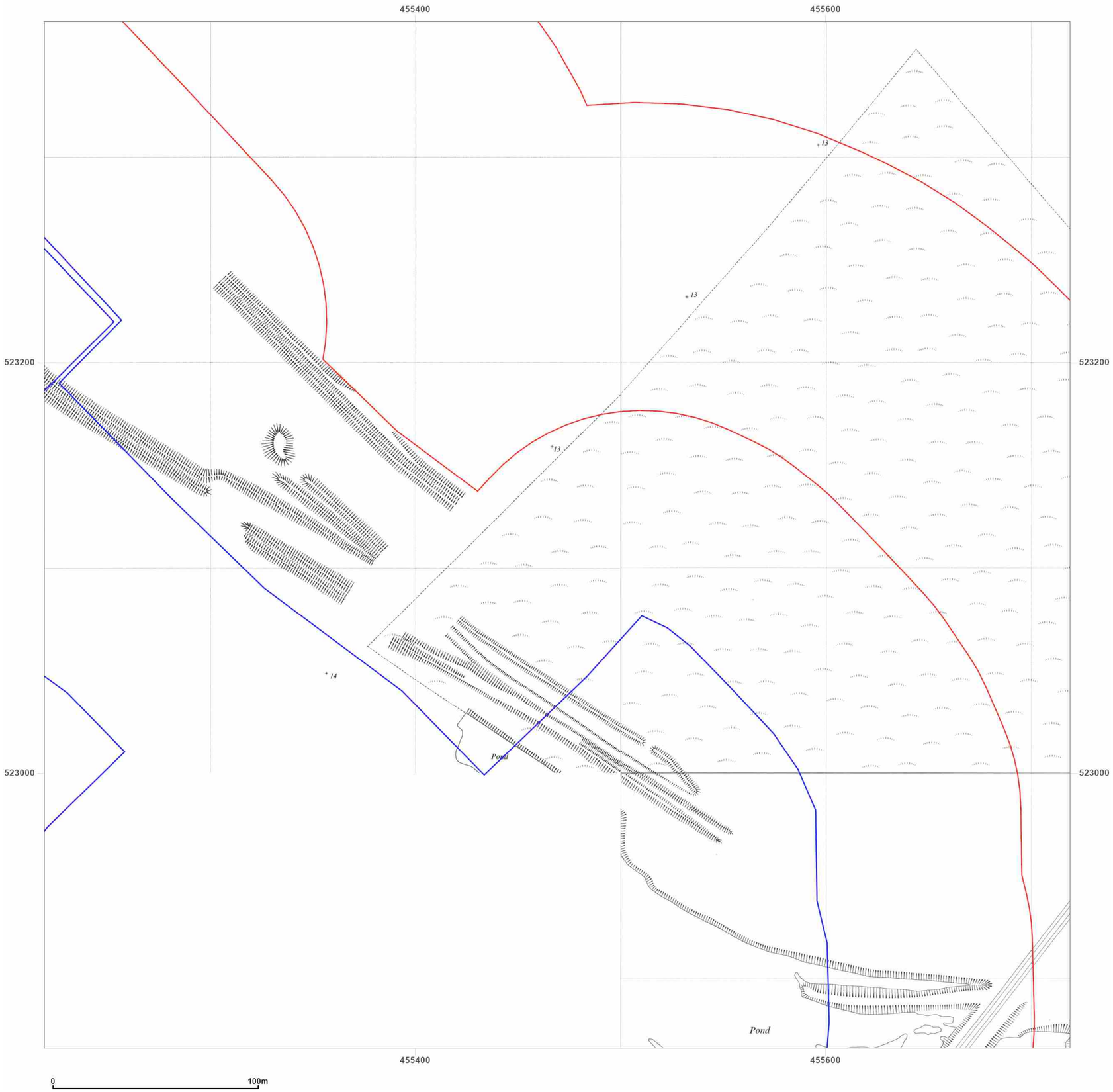
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid

Map date: **1959-1964**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1963
Revised 1963
Edition N/A
Copyright 1964
Levelled 1959

Surveyed 1952
Revised 1963
Edition N/A
Copyright 1964
Levelled 1959

Surveyed 1952
Revised 1958
Edition N/A
Copyright 1959
Levelled 1948

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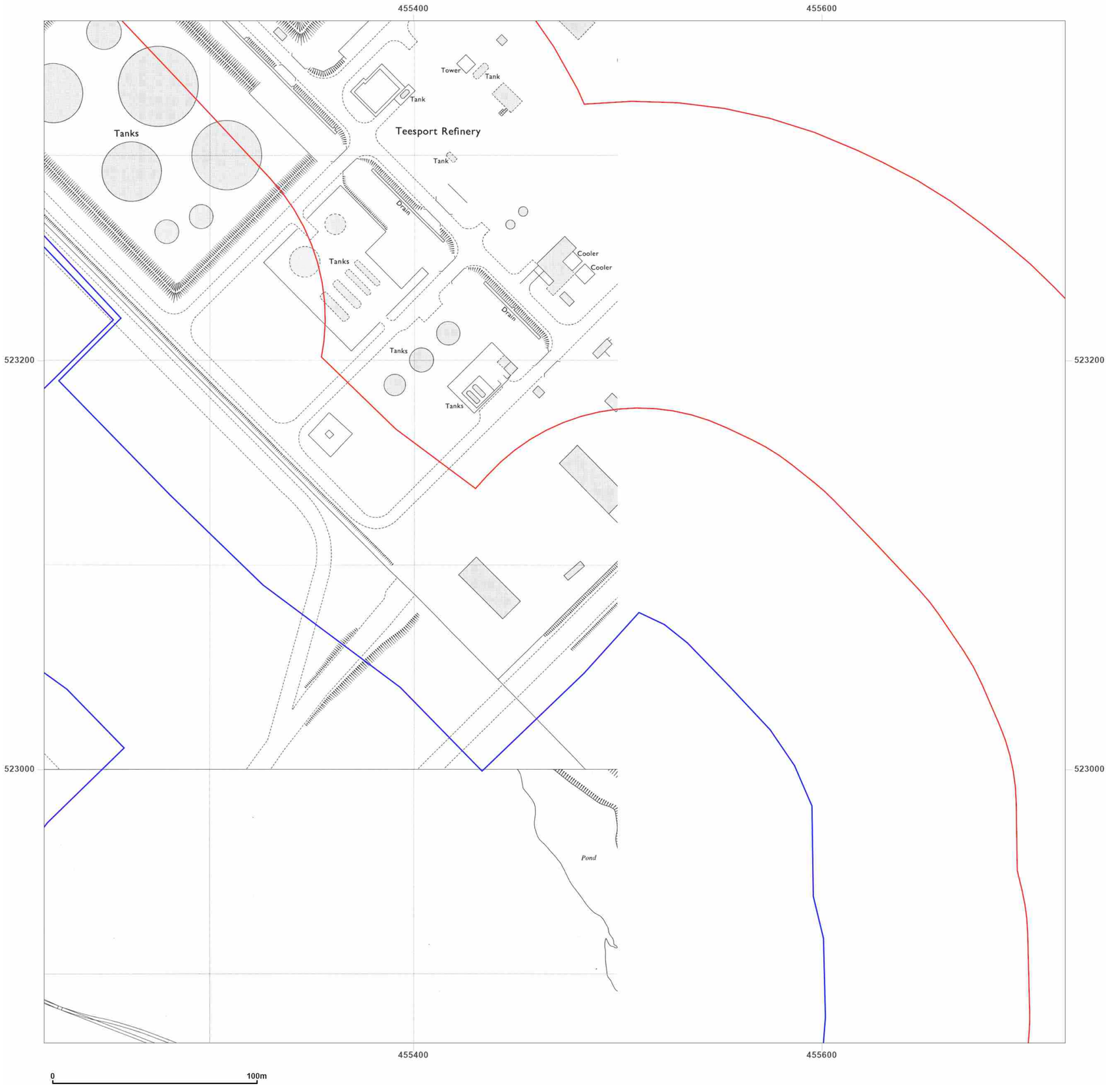
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Site Details:

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Grid Ref: 455469, 523116

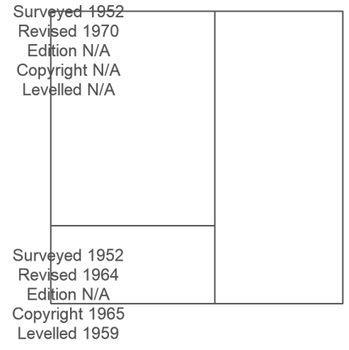
Map Name: National Grid

Map date: **1965-1970**

Scale: 1:1,250

Printed at: 1:2,000

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unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid
Map date: **1970-1974**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1974 Levelled N/A	Surveyed 1952 Revised 1970 Edition N/A Copyright 1971 Levelled 1959
Surveyed 1952 Revised 1970 Edition N/A Copyright N/A Levelled N/A	Surveyed 1952 Revised 1970 Edition N/A Copyright 1971 Levelled 1959

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid

Map date: **1974-1975**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1974
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1974
Levelled N/A

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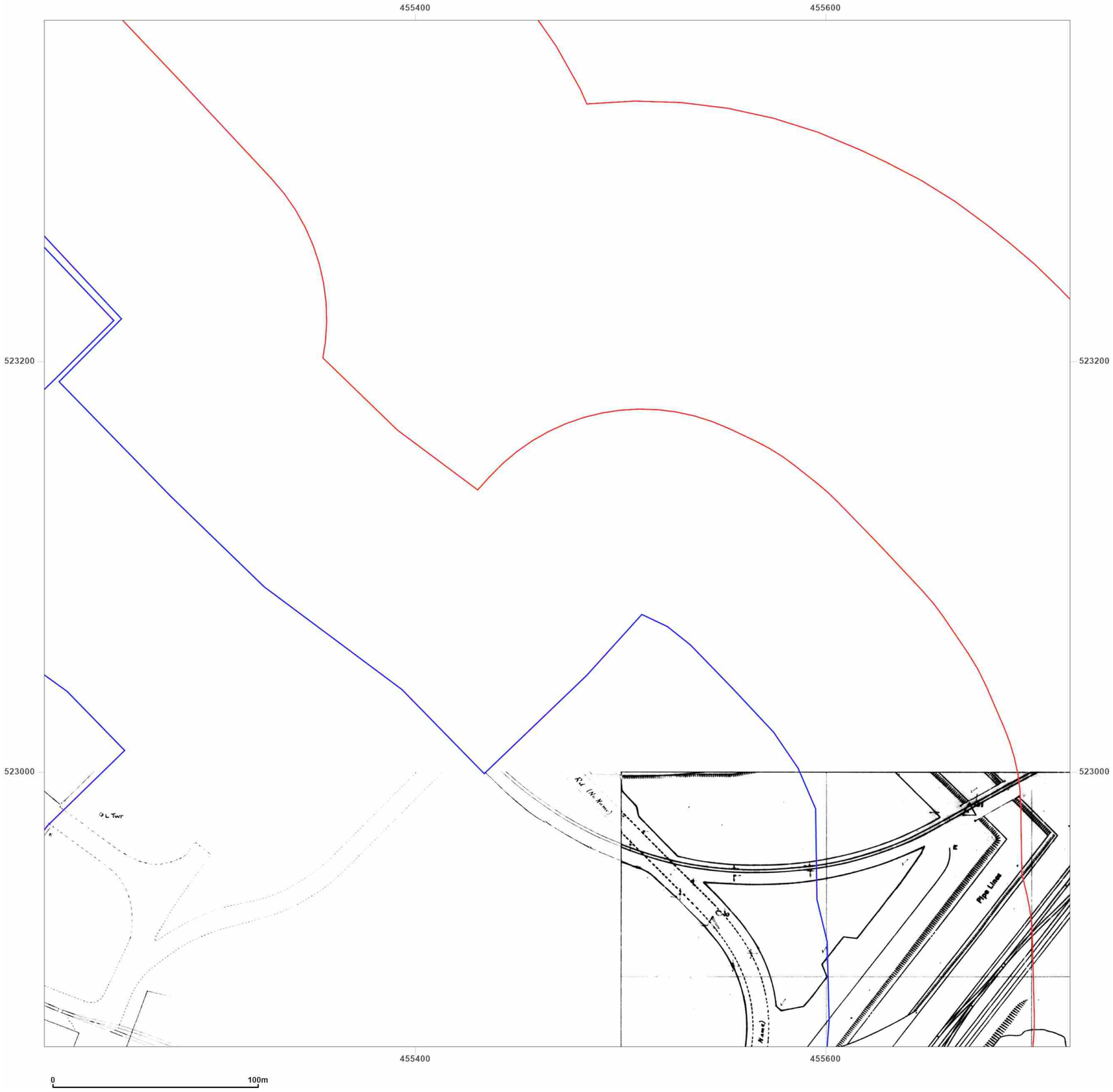
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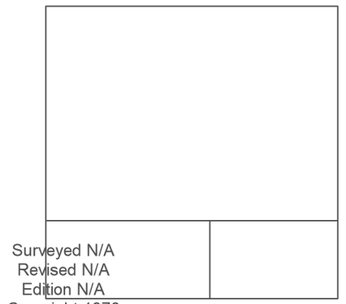
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid
Map date: **1976**
Scale: 1:1,250
Printed at: 1:2,000

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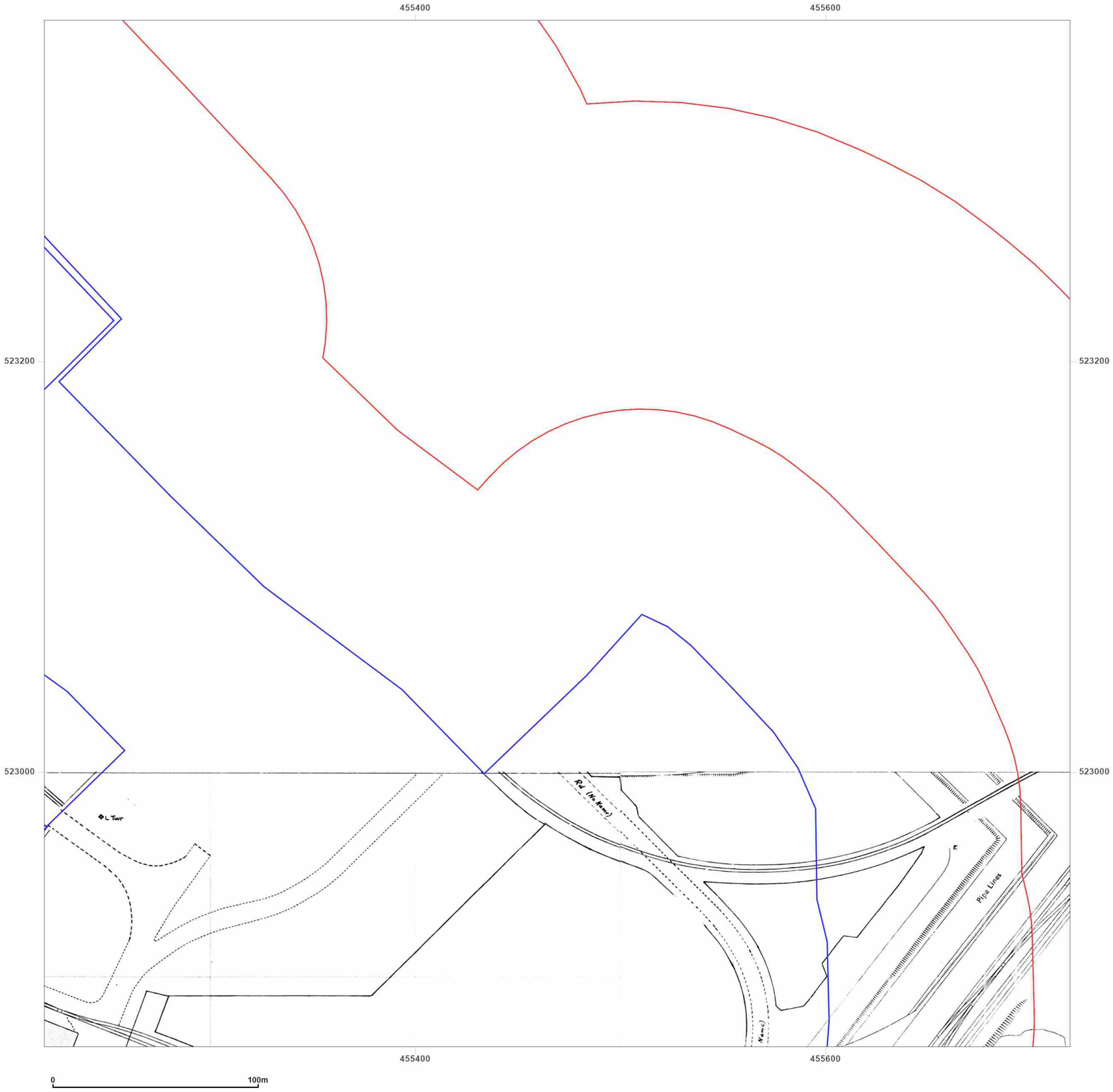
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid
Map date: **1977**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1977
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
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Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

Map Name: National Grid

Map date: **1975-1980**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed N/A Revised N/A Edition N/A Copyright 1975 Levelled N/A	Surveyed N/A Revised N/A Edition N/A Copyright 1975 Levelled N/A

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Site Details:

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Grid Ref: 455469, 523116

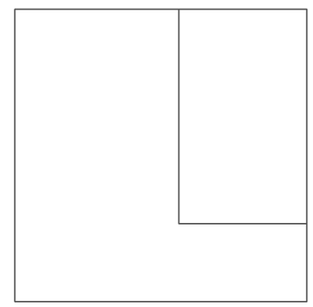
Map Name: National Grid

Map date: **1983**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1959
Revised 1983
Edition N/A
Copyright 1983
Levelled 1959

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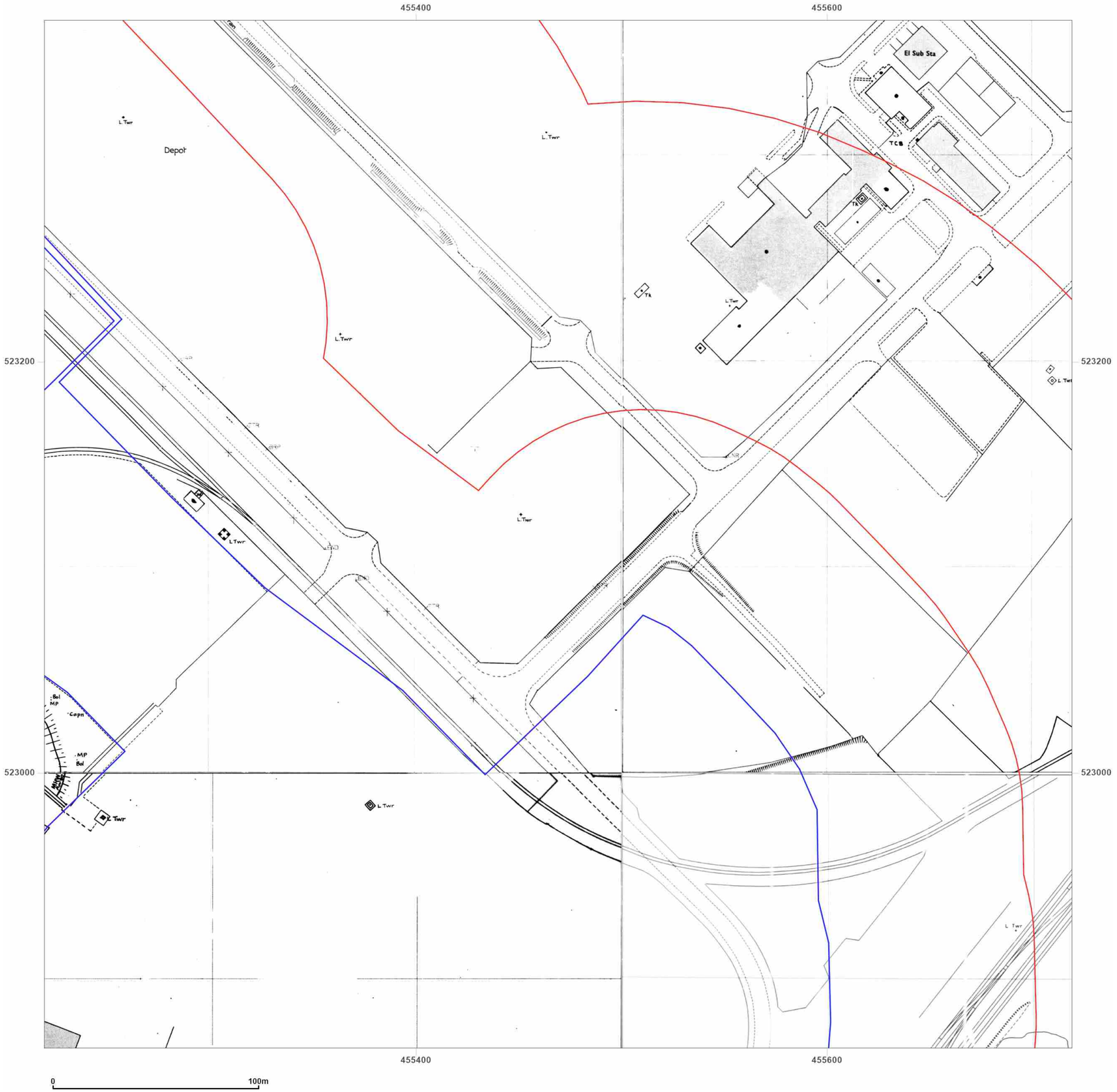
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Site Details:

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Report Ref: EMS-988829_1252673_1250_3_2
Grid Ref: 455469, 523116

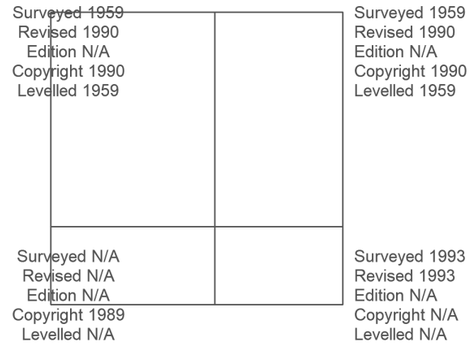
Map Name: National Grid

Map date: **1989-1993**

Scale: 1:1,250

Printed at: 1:2,000

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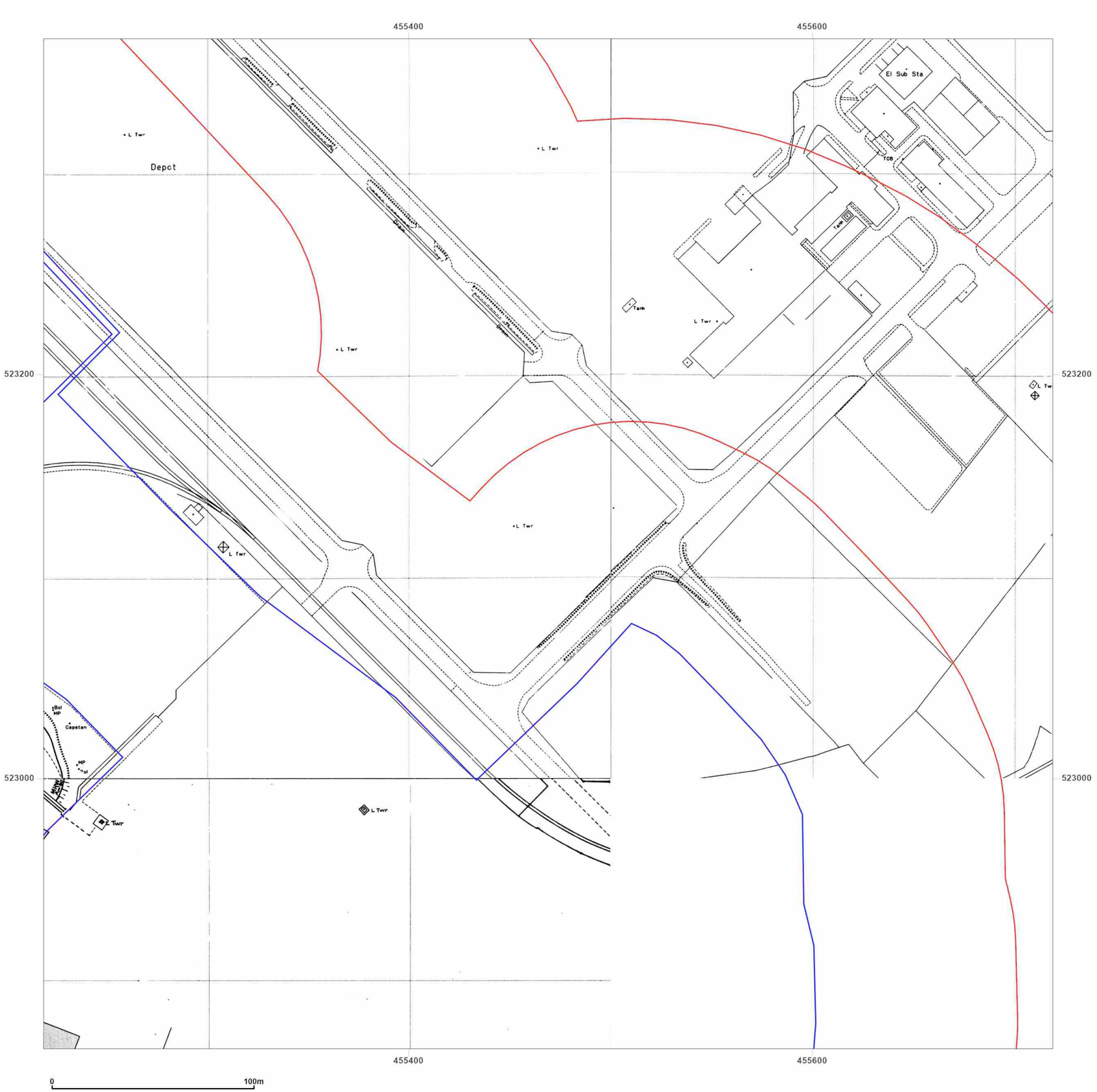
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Grid Ref: 455469, 523116

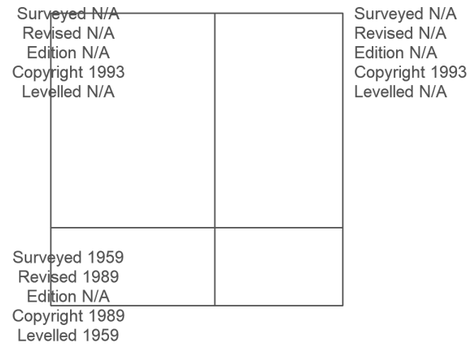
Map Name: National Grid

Map date: **1989-1993**

Scale: 1:1,250

Printed at: 1:2,000

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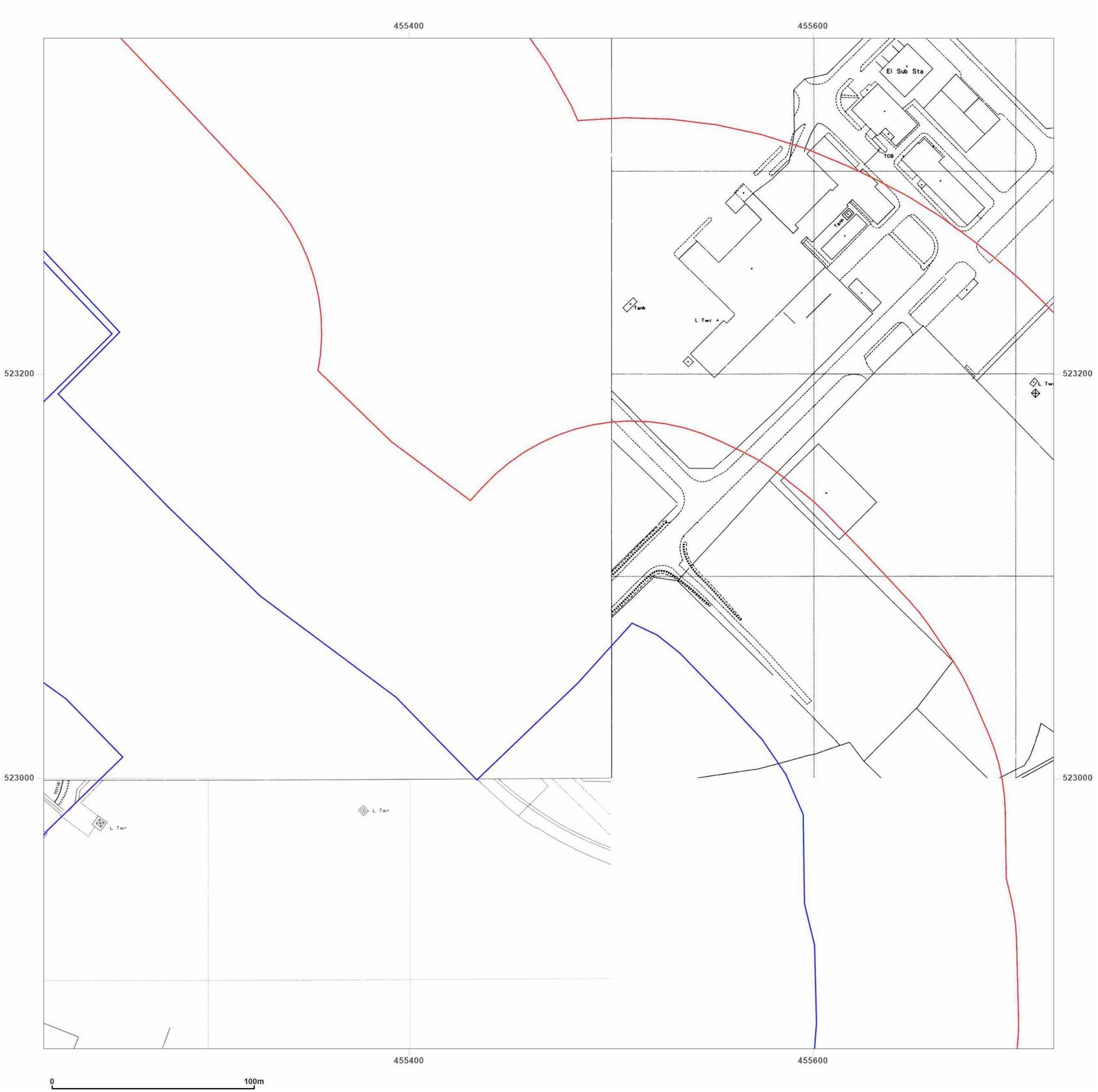
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Site Details:

unspecified

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Grid Ref: 455469, 523116

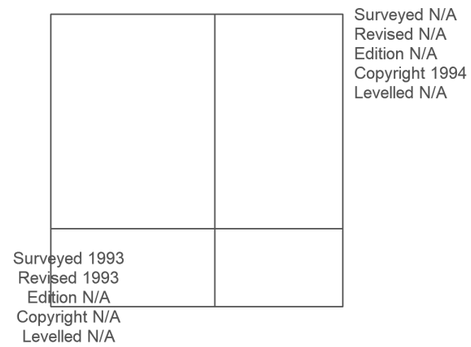
Map Name: National Grid

Map date: **1993-1994**

Scale: 1:1,250

Printed at: 1:2,000

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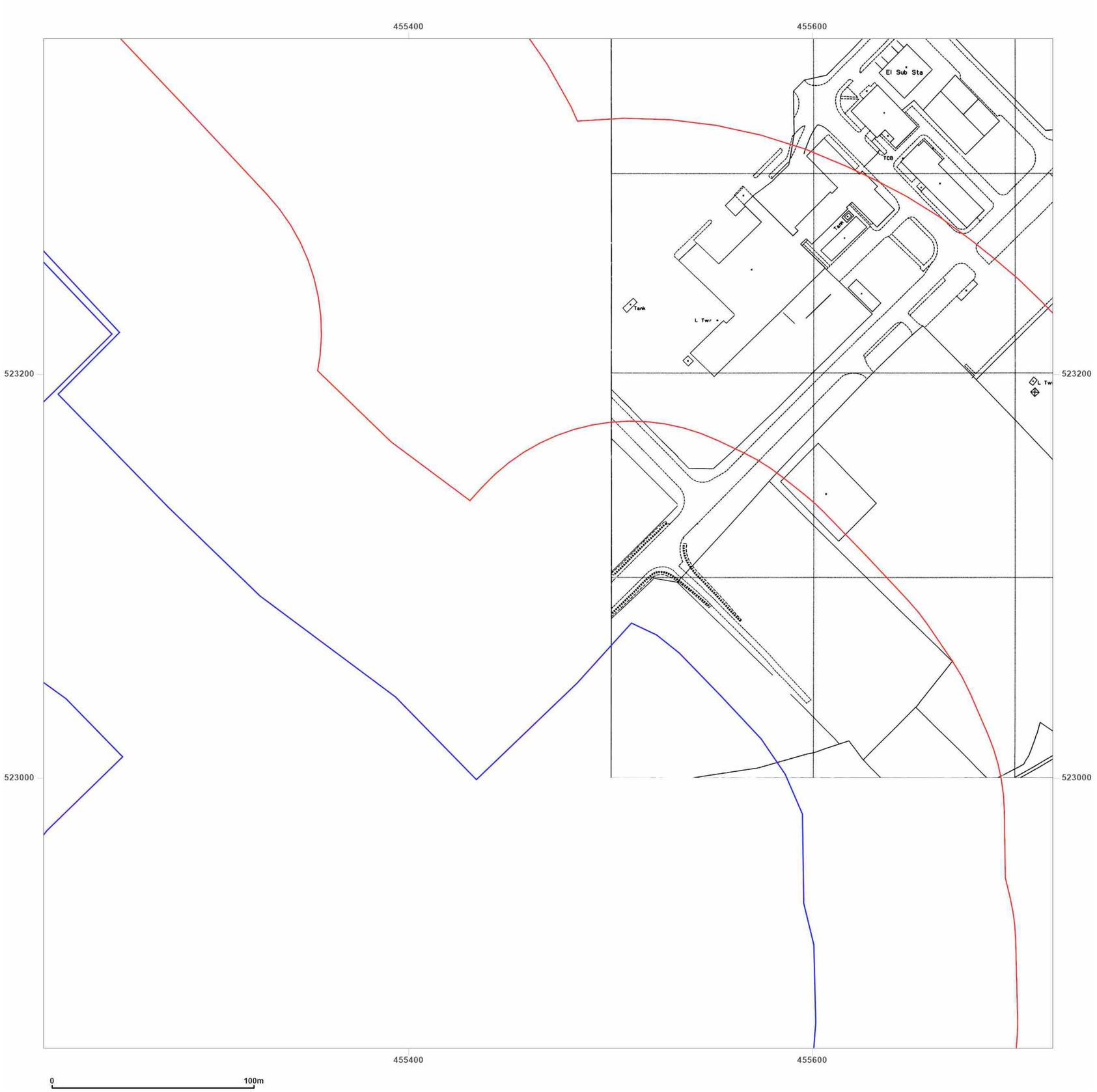
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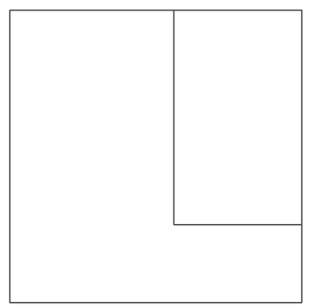
Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

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Revised 1994
Edition N/A
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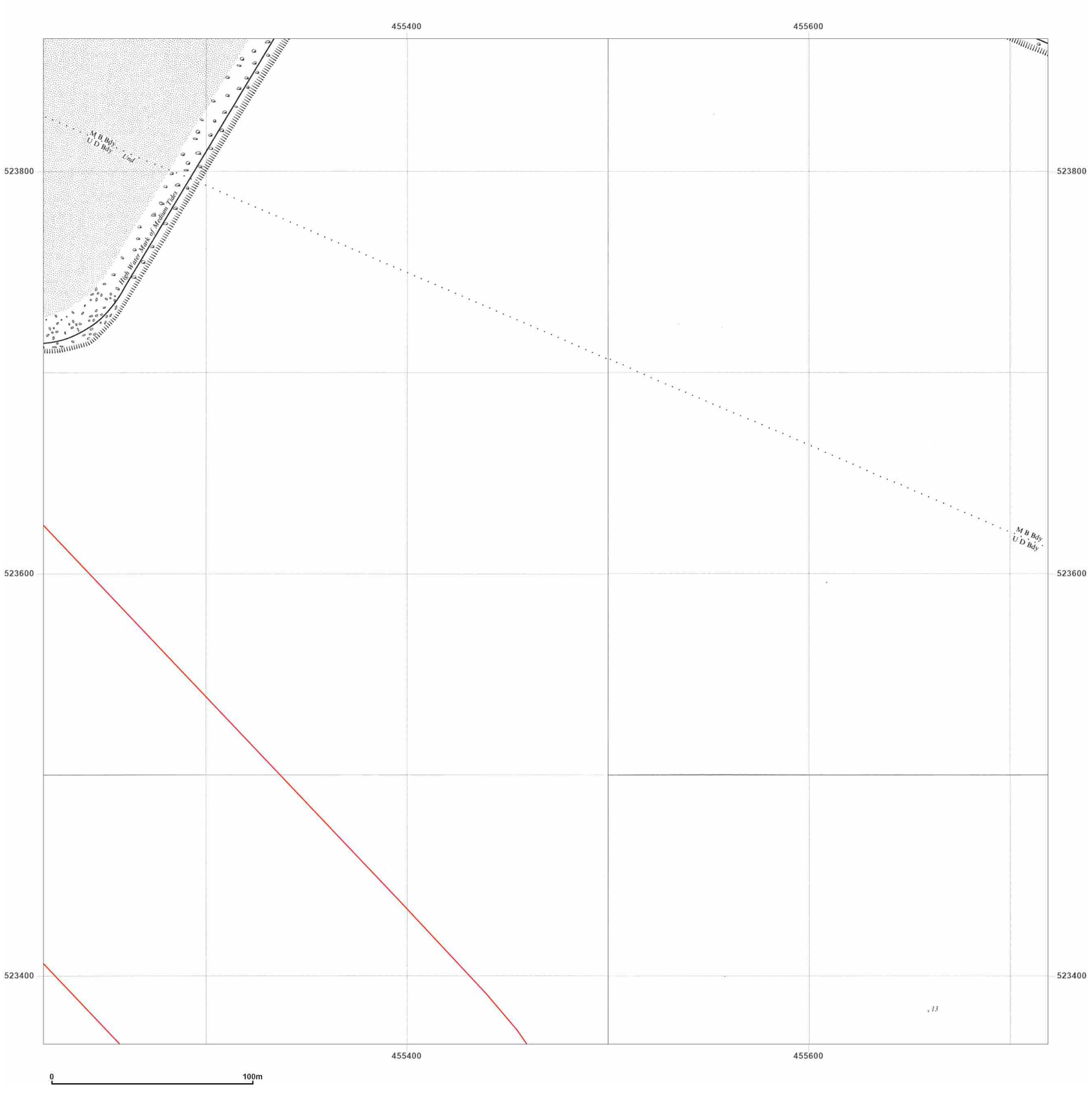
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

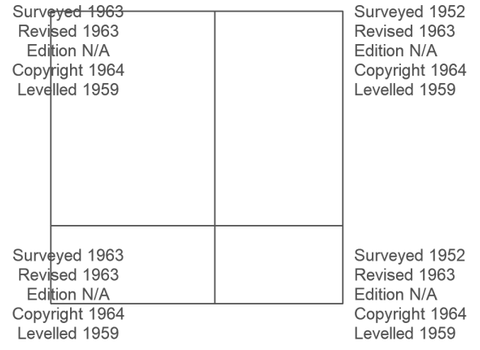
Map Name: National Grid

Map date: **1964**

Scale: 1:1,250

Printed at: 1:2,000

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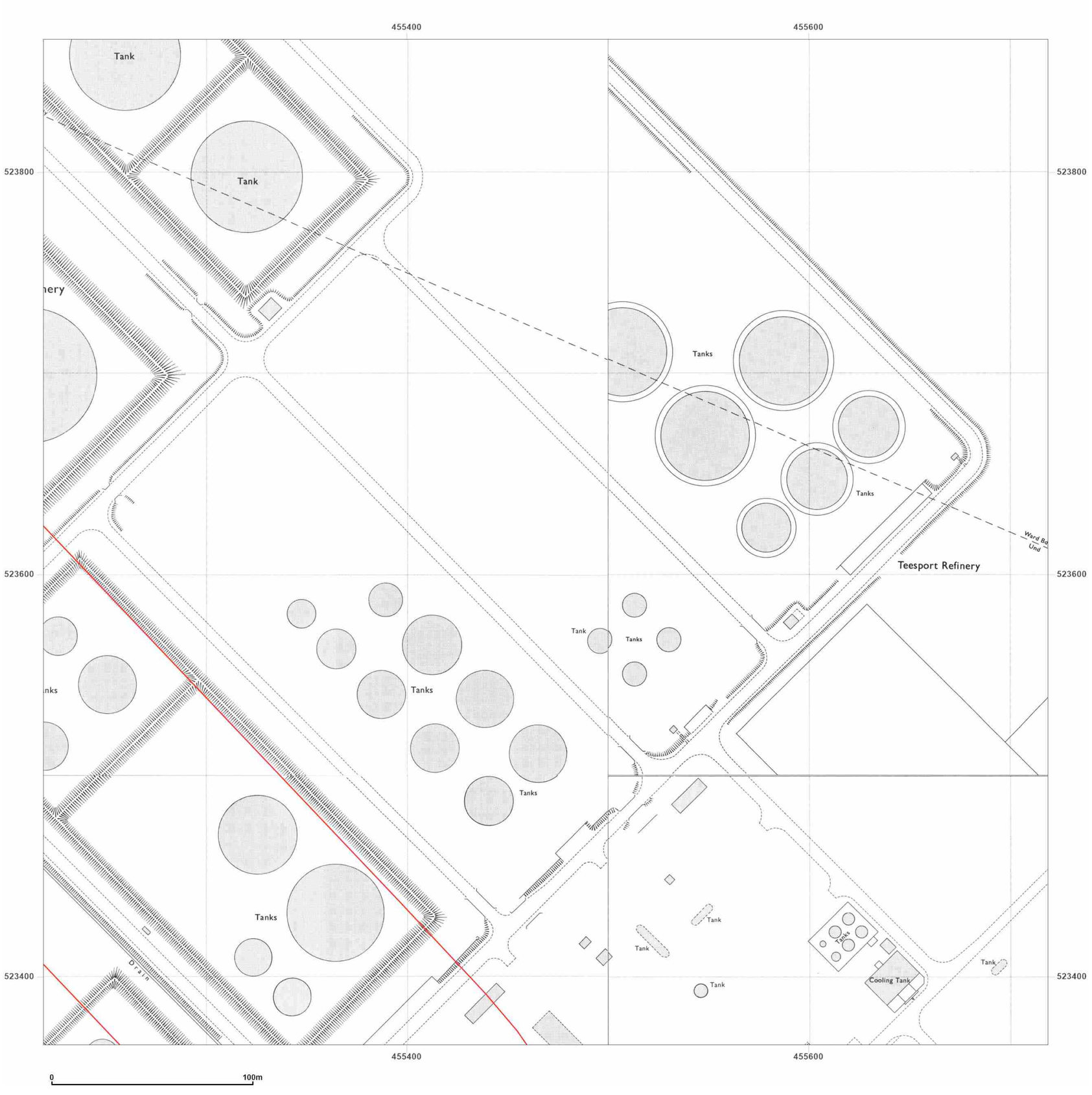
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

Map Name: National Grid
Map date: **1970-1974**
Scale: 1:1,250
Printed at: 1:2,000

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Surveyed 1952 Revised 1970 Edition N/A Copyright 1971 Levelled 1959	Surveyed 1952 Revised 1973 Edition N/A Copyright 1974 Levelled 1959
Surveyed 1952 Revised 1970 Edition N/A Copyright N/A Levelled N/A	Surveyed 1952 Revised 1970 Edition N/A Copyright 1971 Levelled 1959

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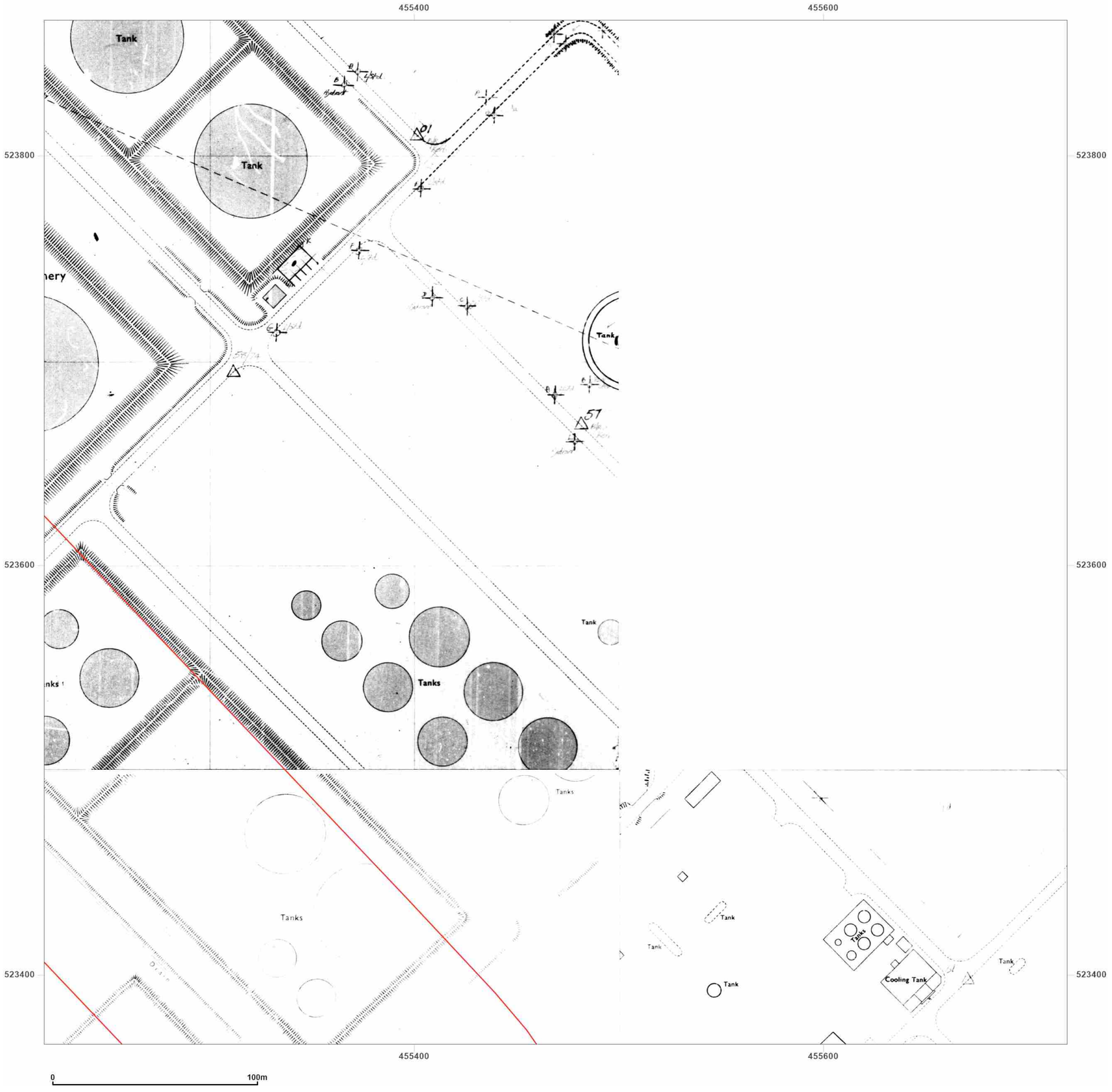
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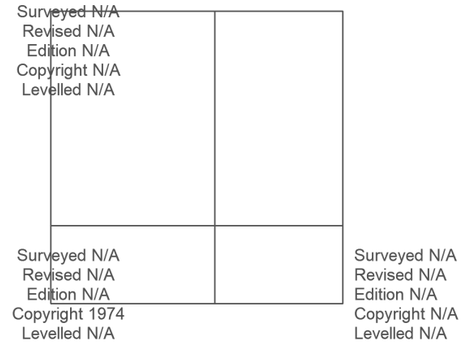
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

Map Name: National Grid
Map date: **1974-1975**
Scale: 1:1,250
Printed at: 1:2,000

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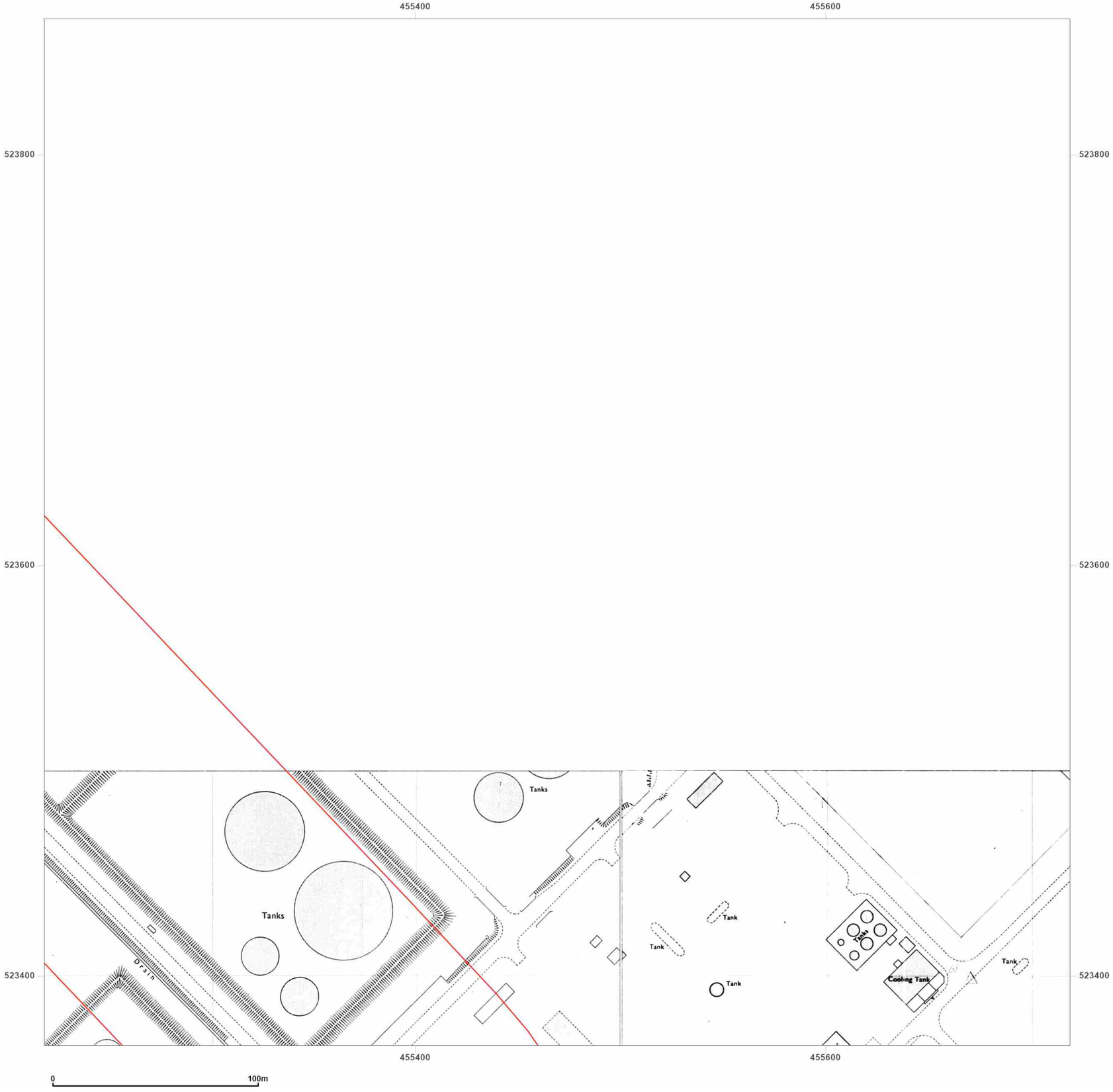
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Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

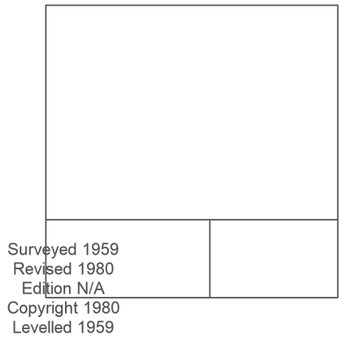
Map Name: National Grid

Map date: **1976-1980**

Scale: 1:1,250

Printed at: 1:2,000

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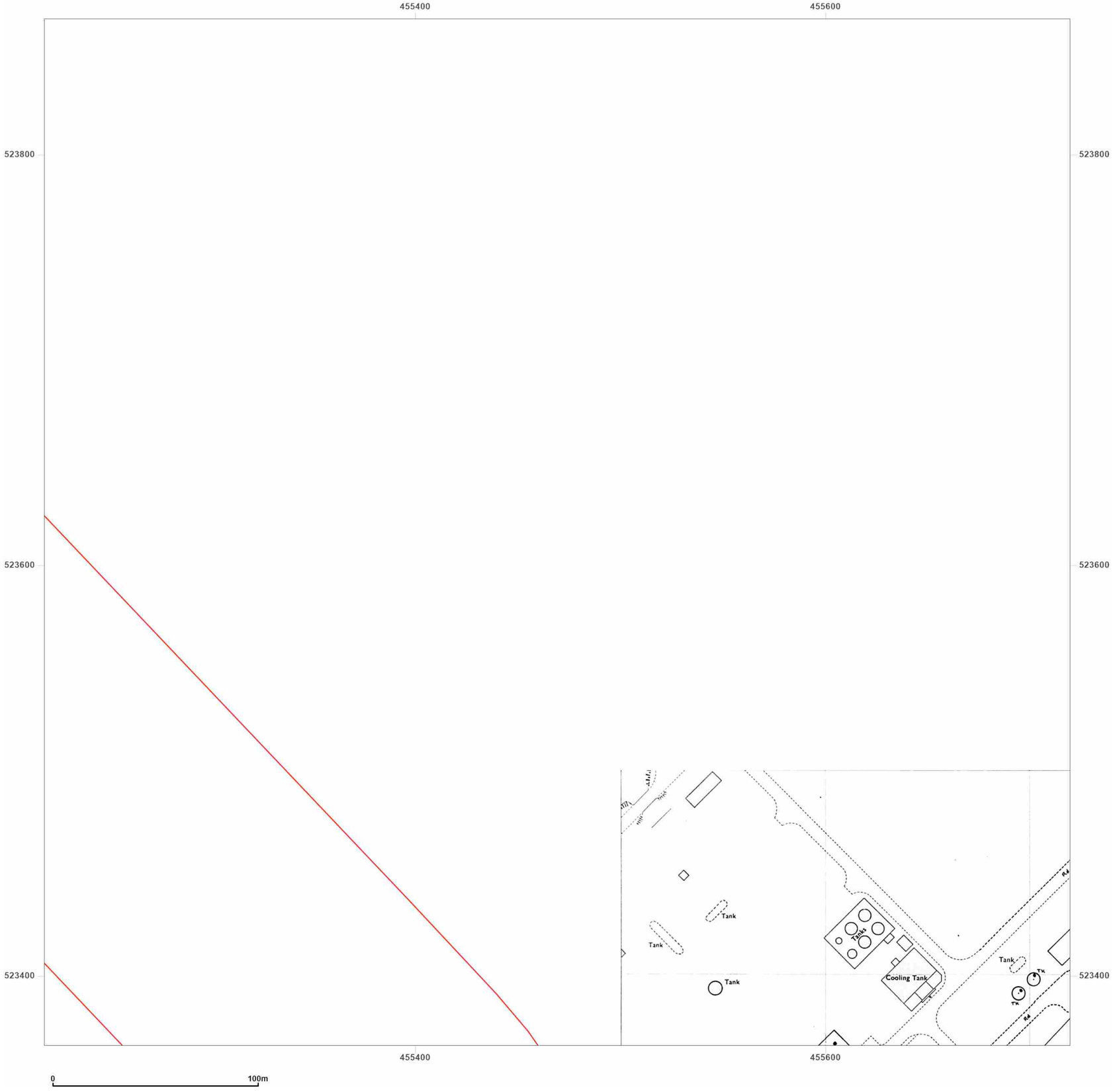
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

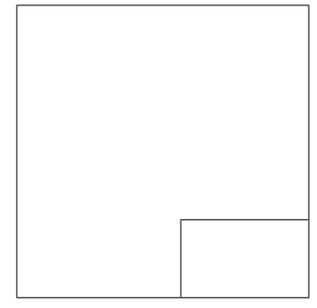
Map Name: National Grid

Map date: **1983**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed 1959
Revised 1983
Edition N/A
Copyright 1983
Levelled 1959

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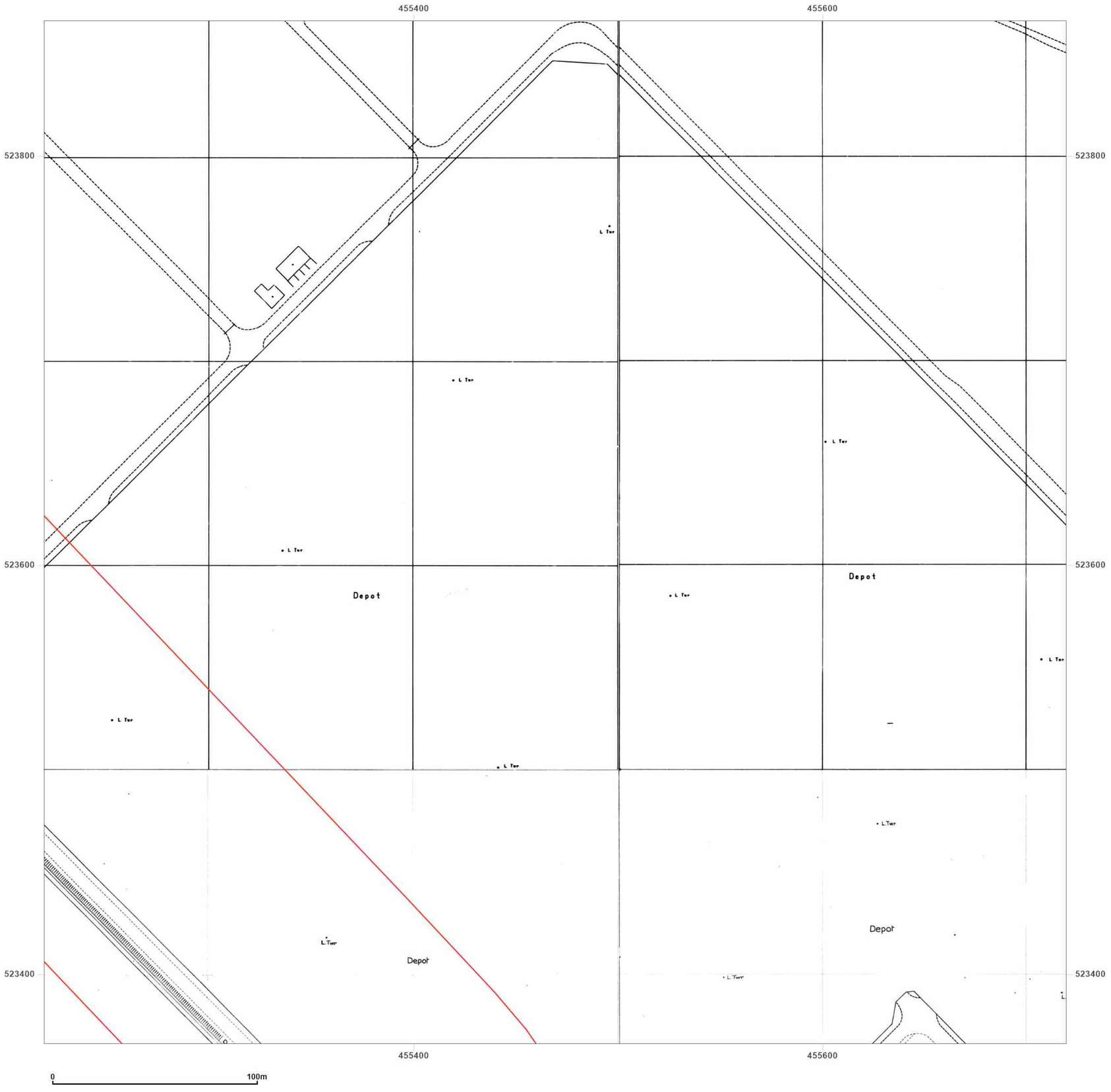
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

Map Name: National Grid
Map date: **1990**
Scale: 1:1,250
Printed at: 1:2,000

N
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Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A	Surveyed 1952 Revised 1973 Edition N/A Copyright 1990 Levelled N/A
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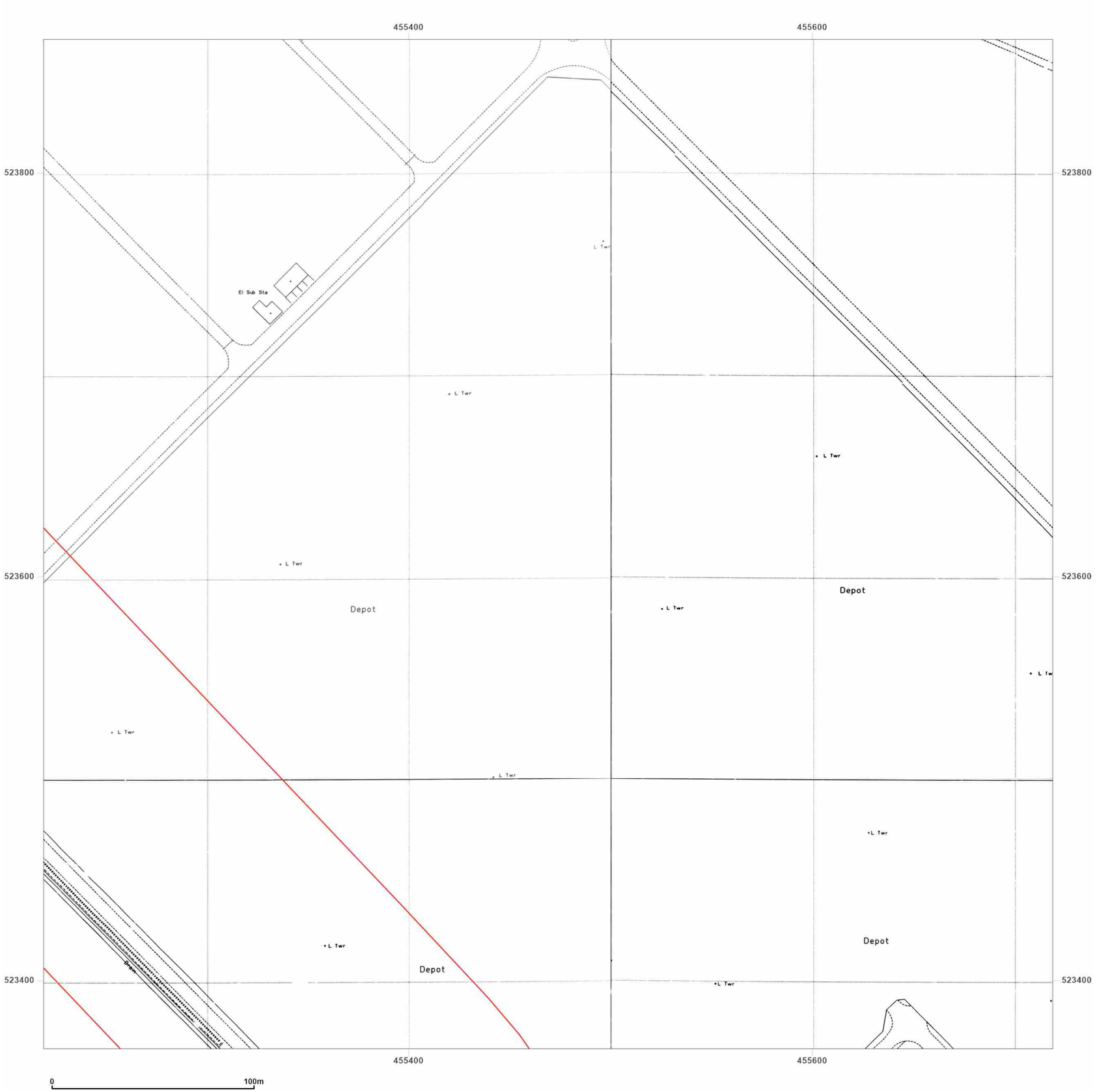
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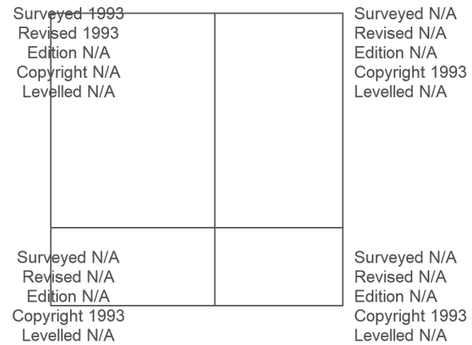
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

Map Name: National Grid
Map date: **1993**
Scale: 1:1,250
Printed at: 1:2,000

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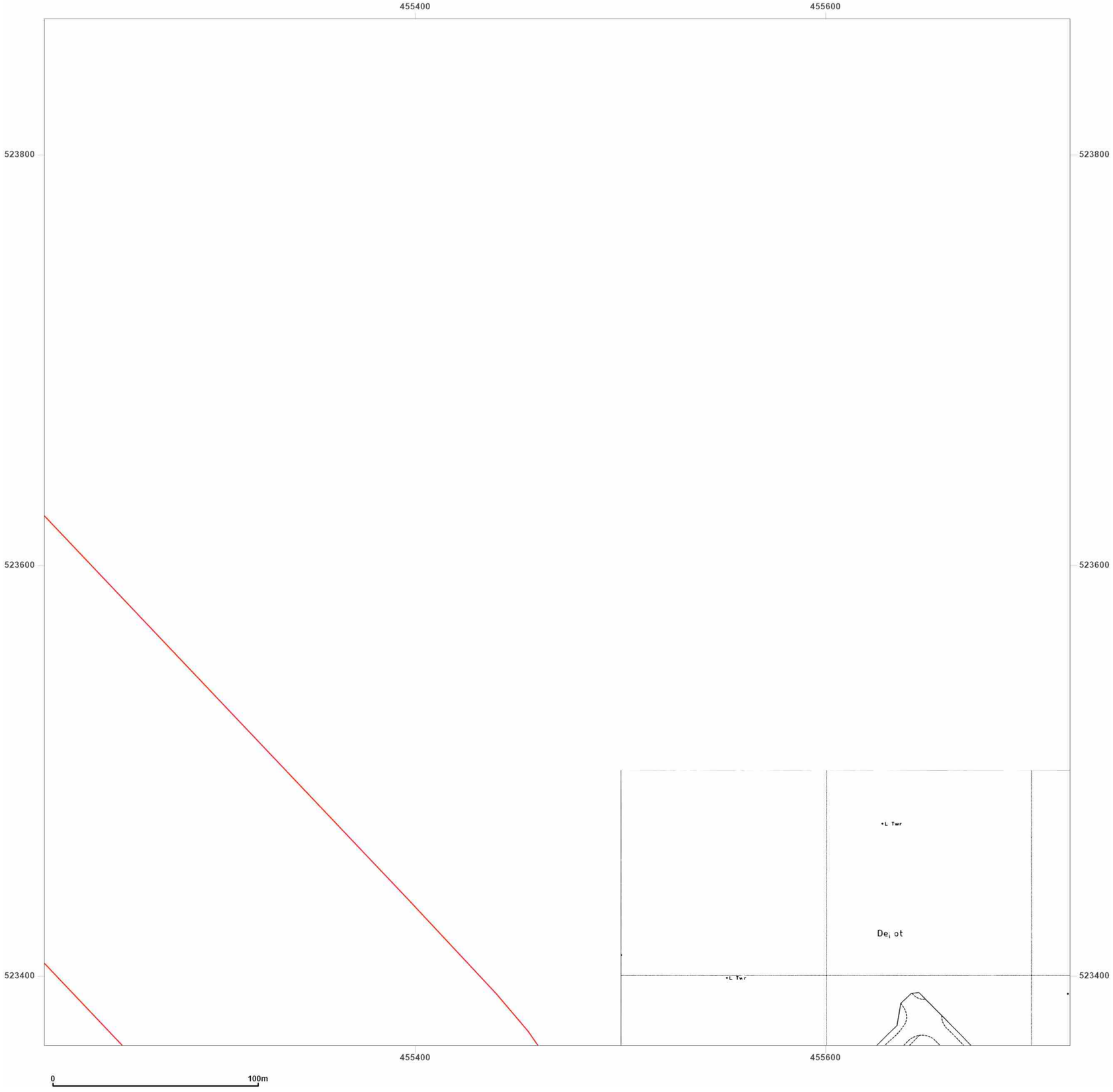
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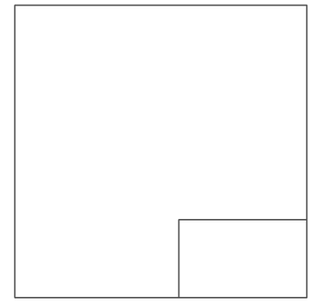
Site Details:

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Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

Map Name: National Grid
Map date: **1994**
Scale: 1:1,250
Printed at: 1:2,000

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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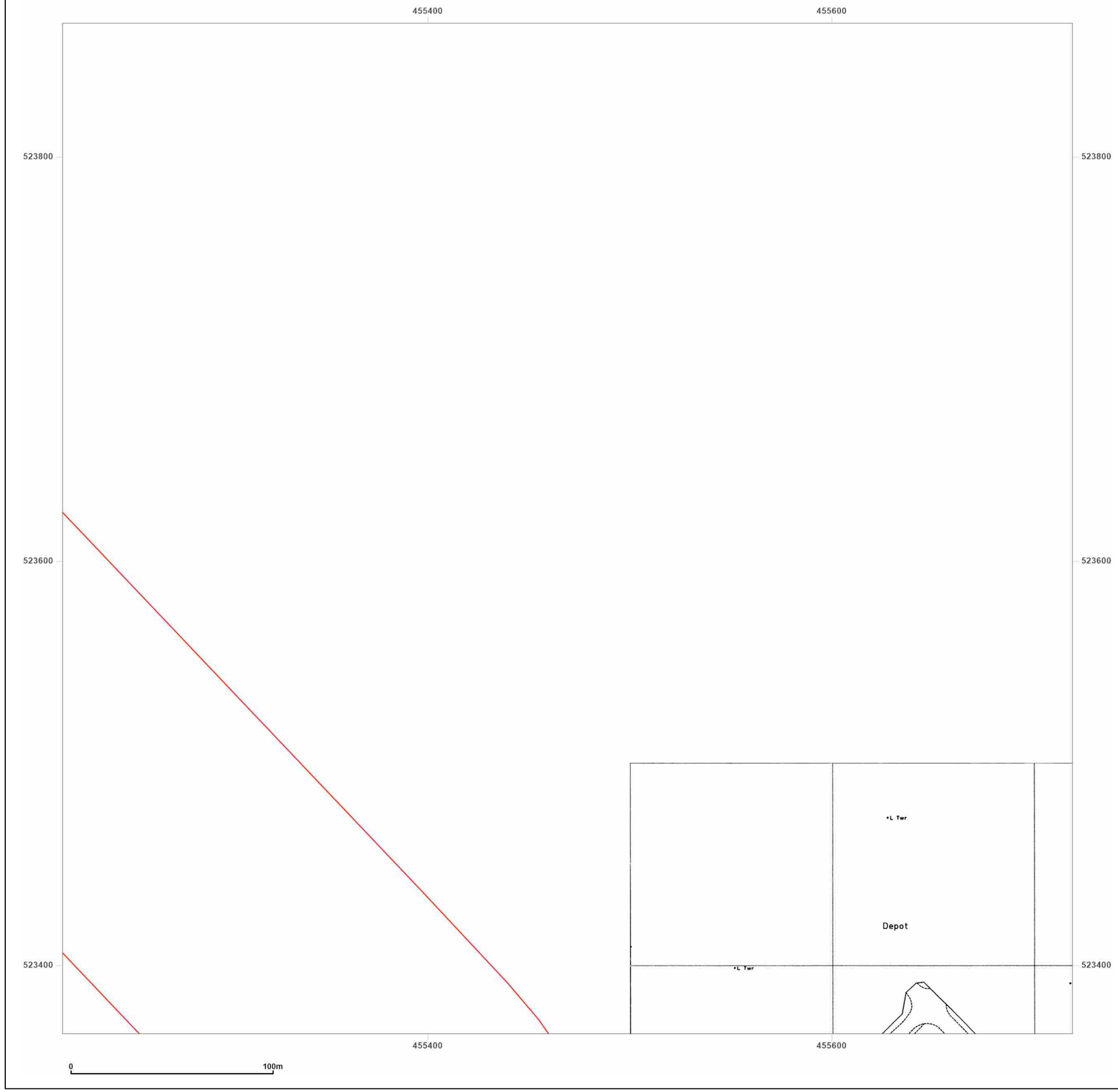
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Site Details:

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Report Ref: EMS-988829_1252673_1250_3_3
Grid Ref: 455469, 523616

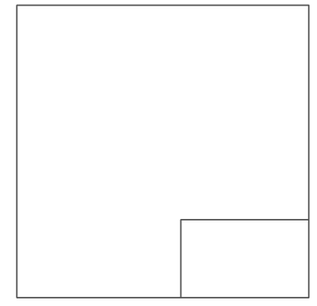
Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

N
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Surveyed 1994
Revised 1994
Edition N/A
Copyright 1994
Levelled N/A

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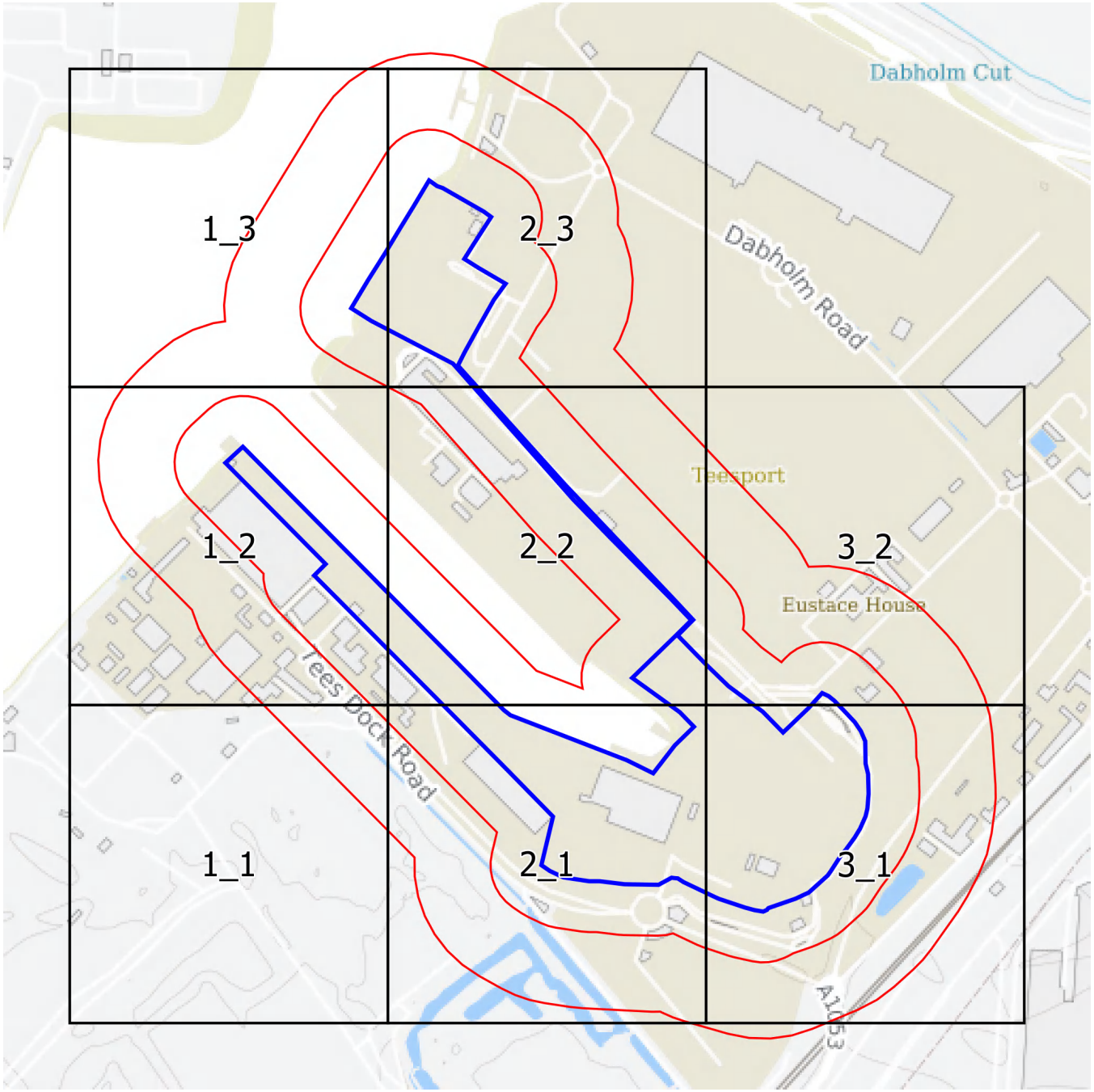
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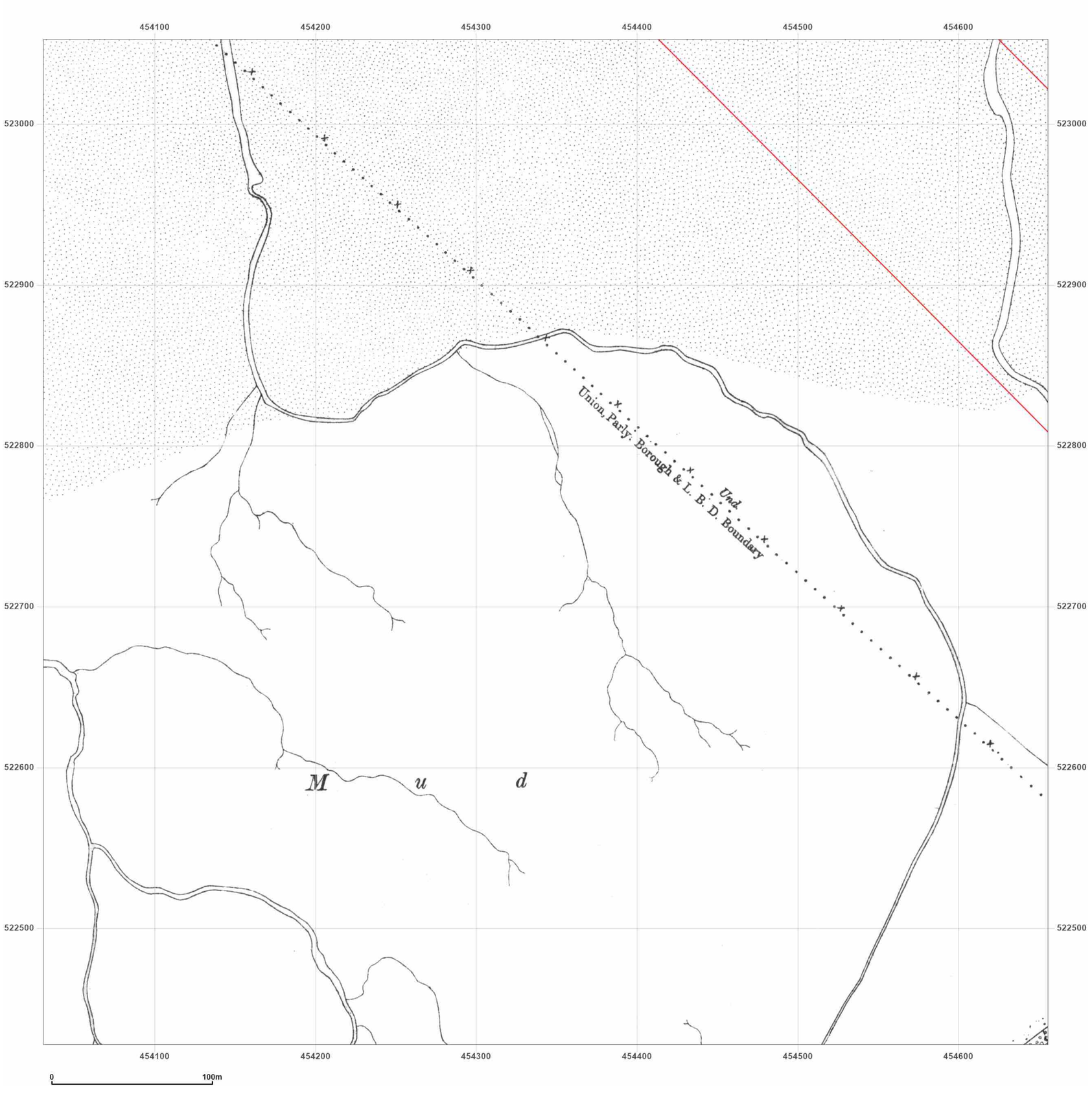
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1:2,500 Scale Grid Index

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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: County Series

Map date: **1894**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

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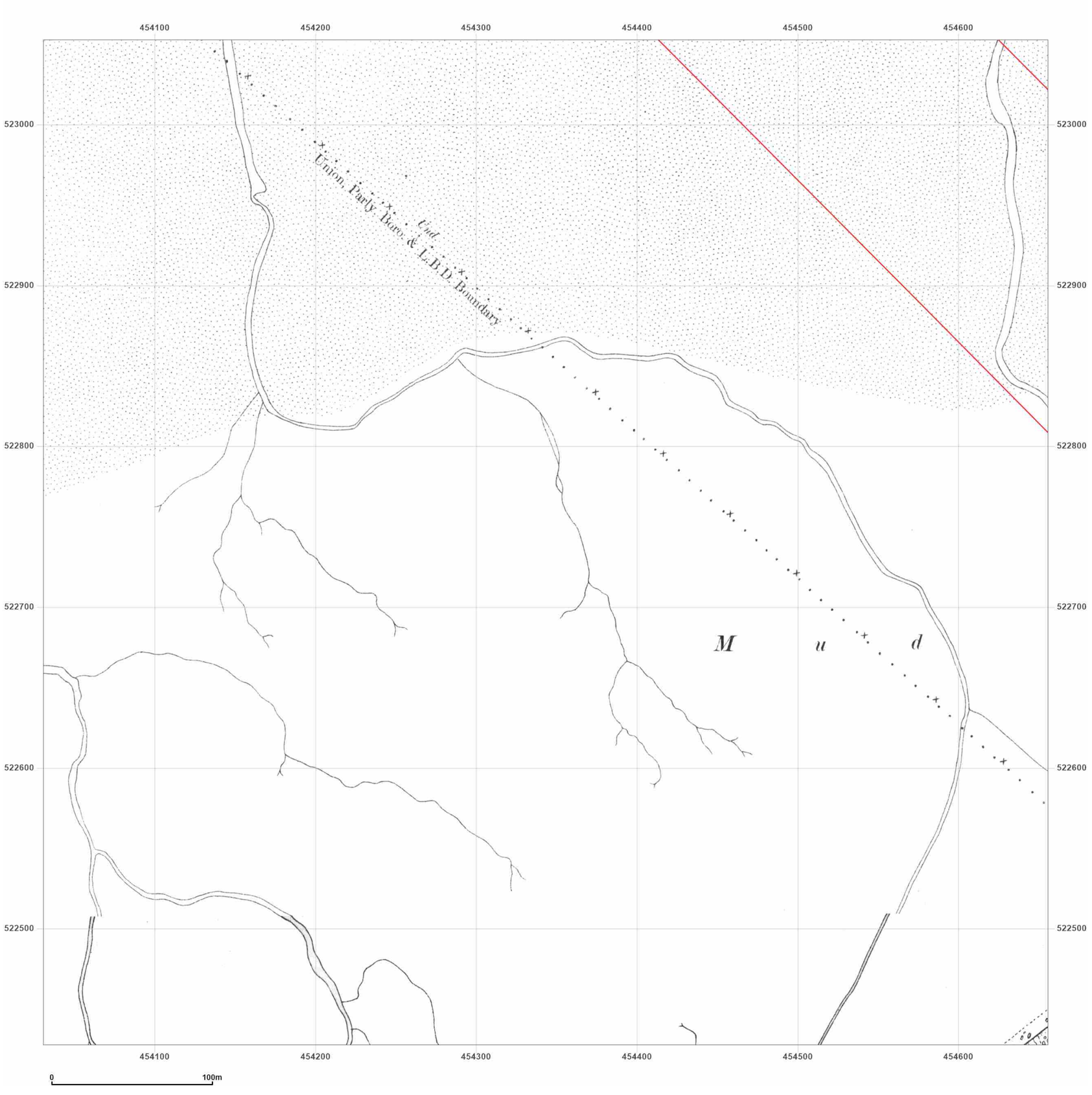
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: County Series

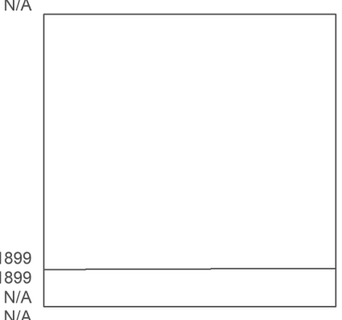
Map date: **1898-1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1898
Revised 1898
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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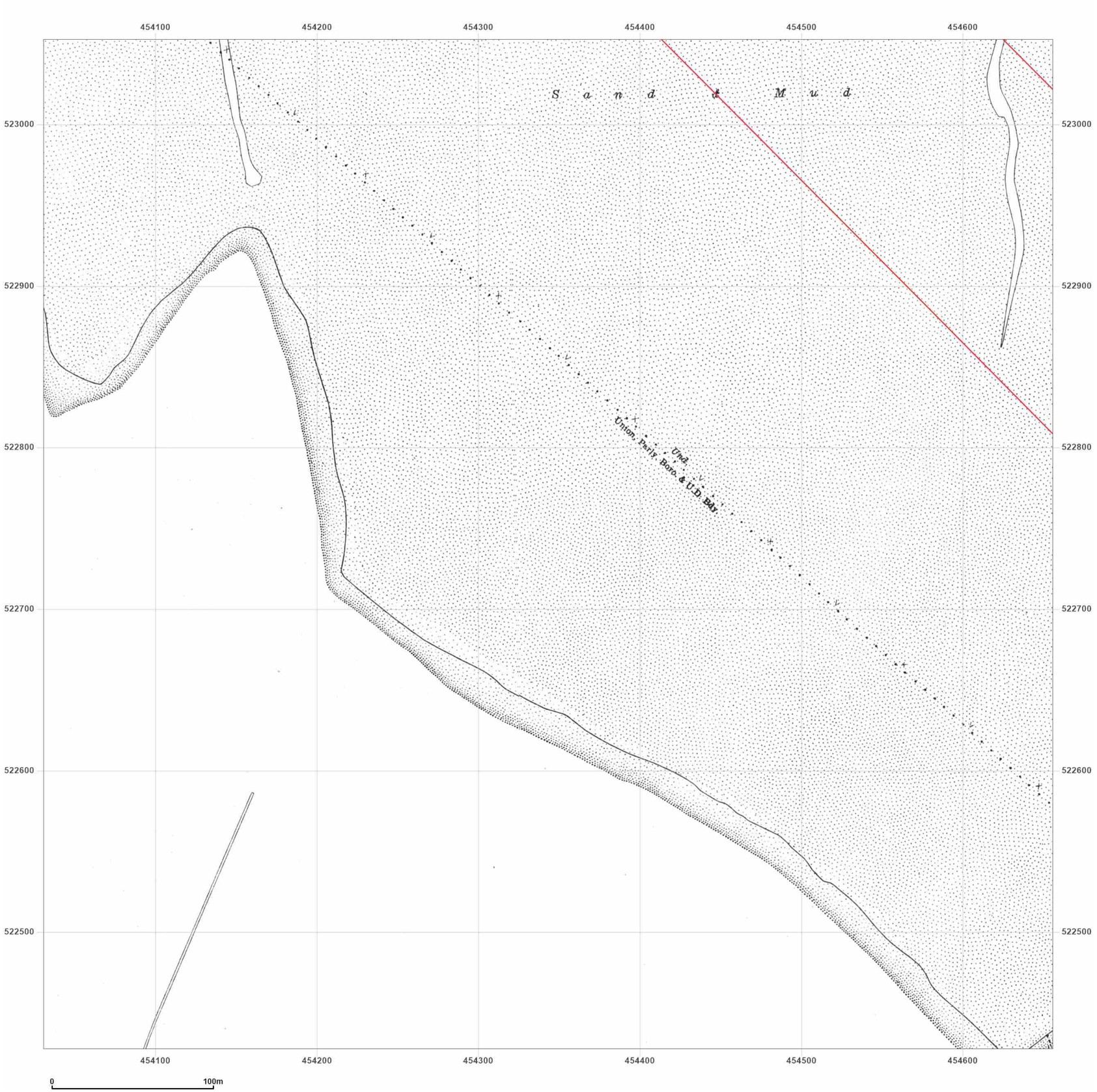
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

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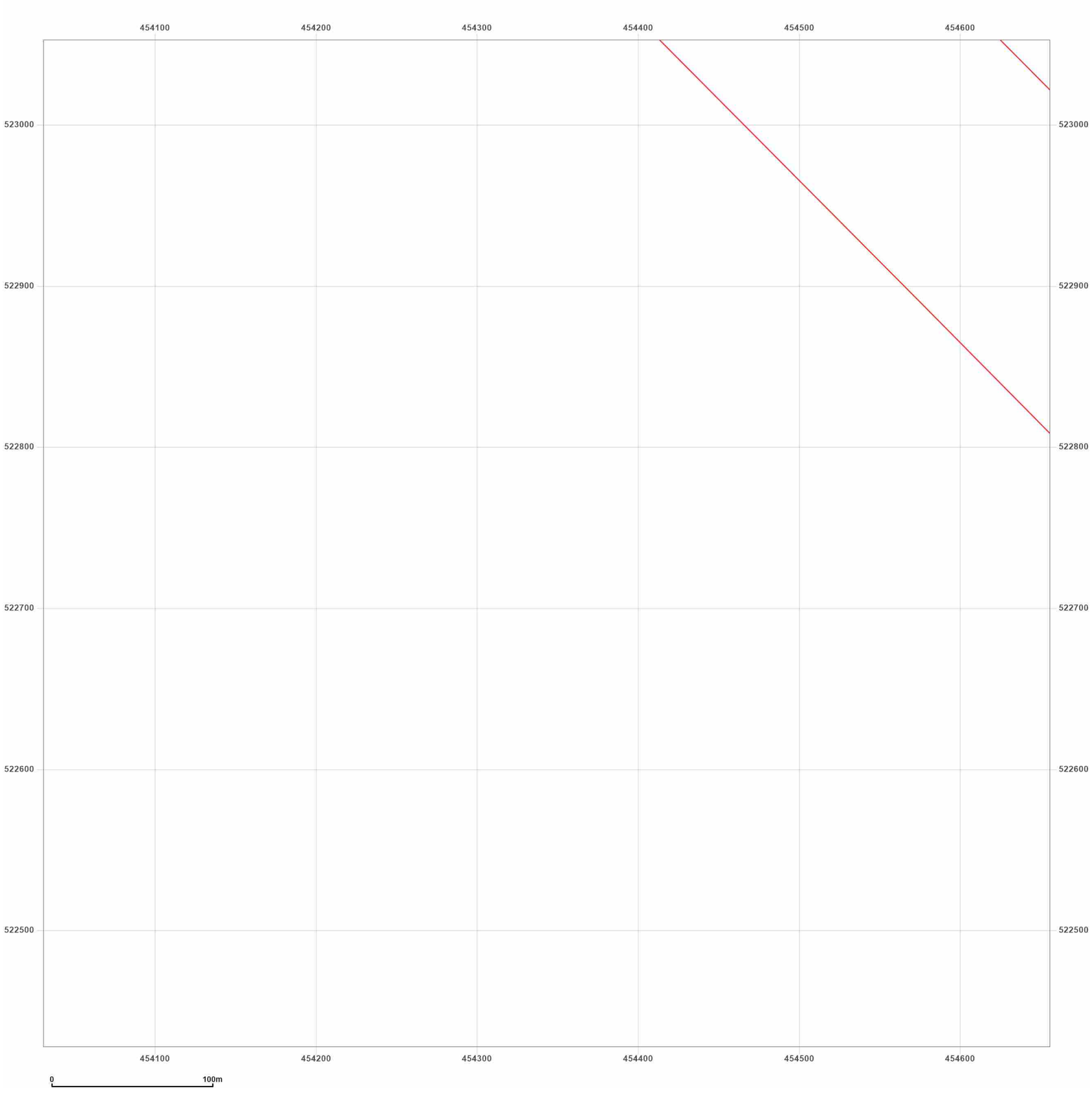
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

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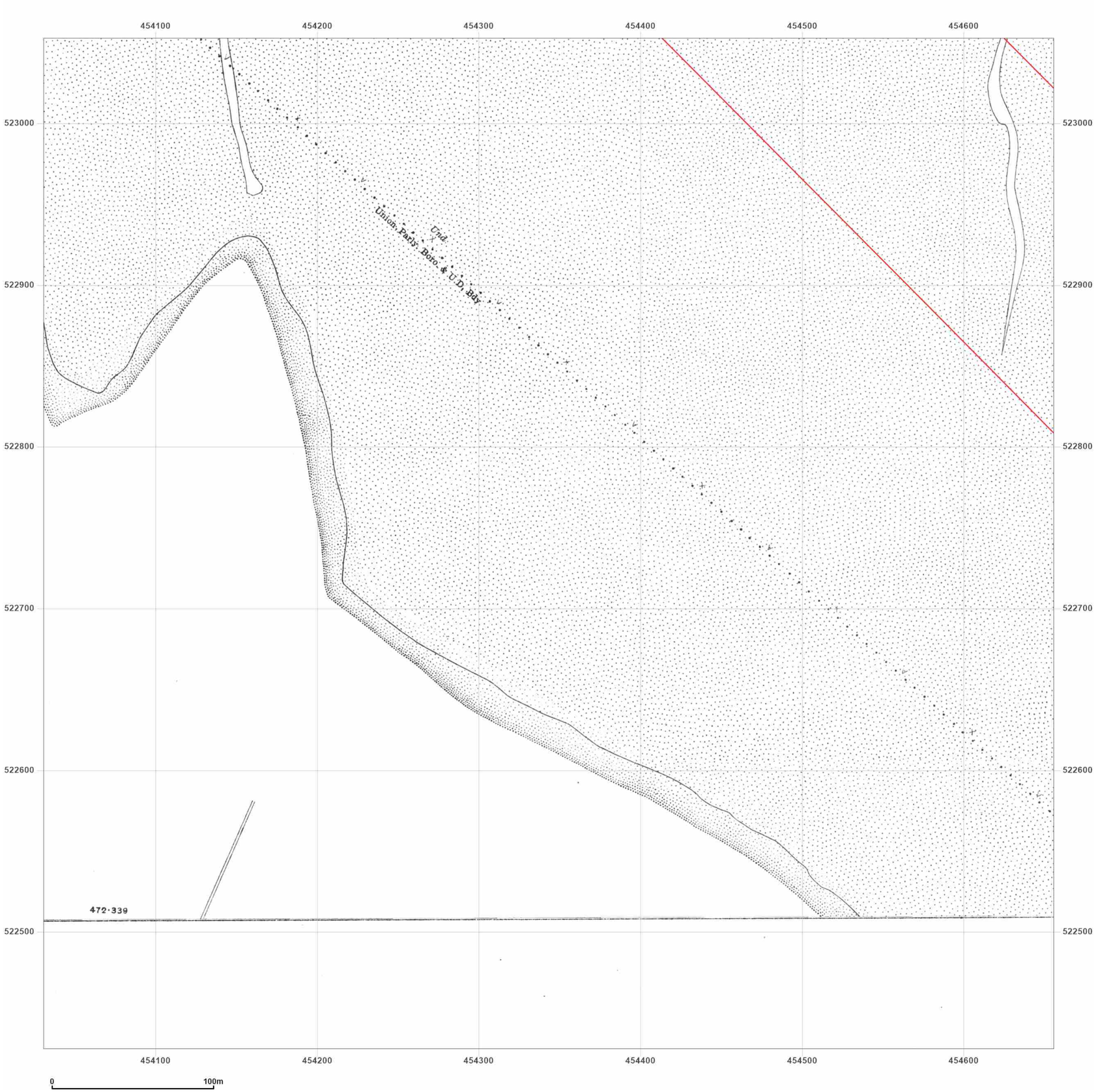
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: County Series

Map date: **1913-1917**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1917
Revised 1917
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1913
Revised 1913
Edition N/A
Copyright N/A
Levelled N/A

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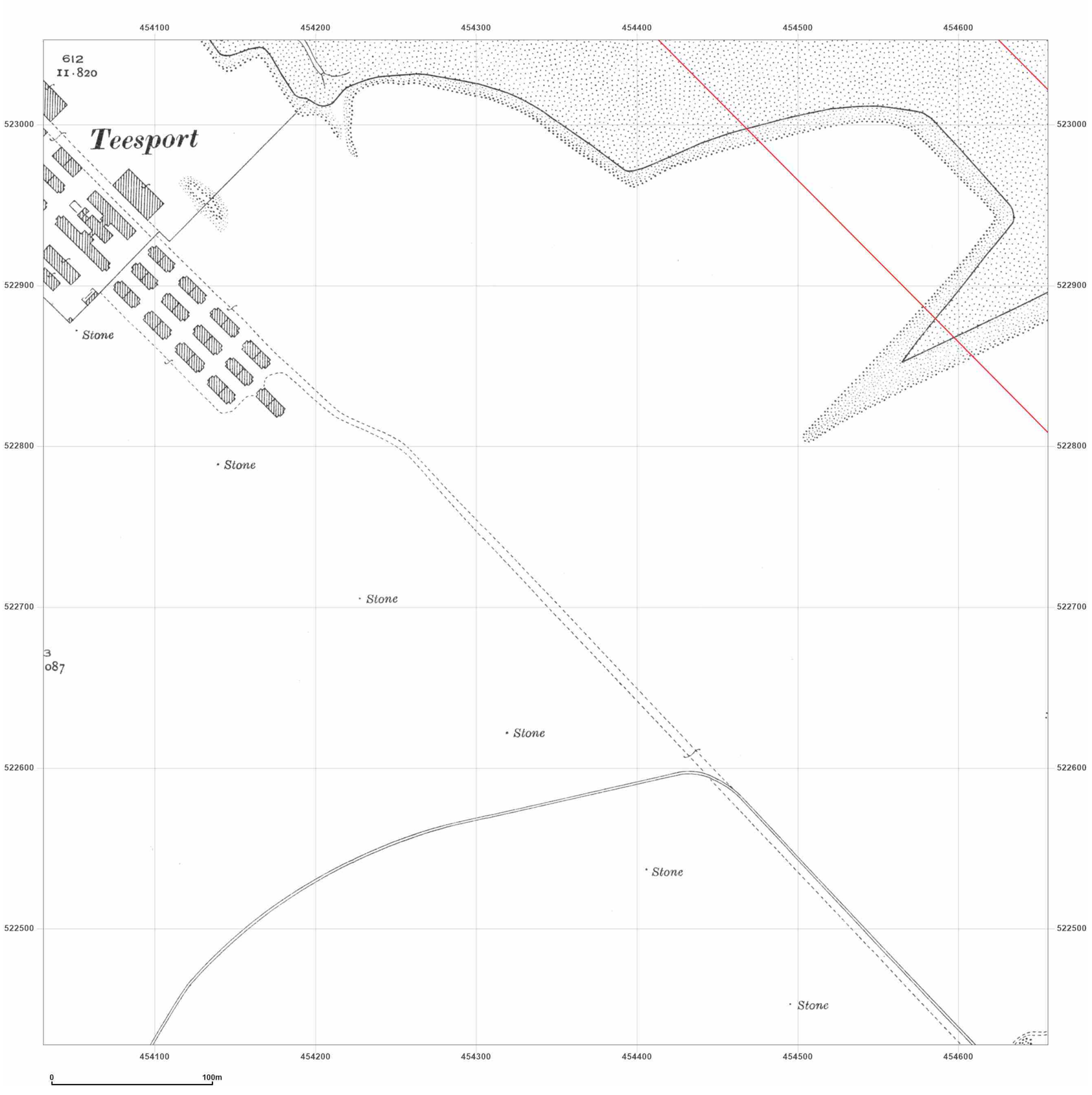
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: County Series

Map date: **1929**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A

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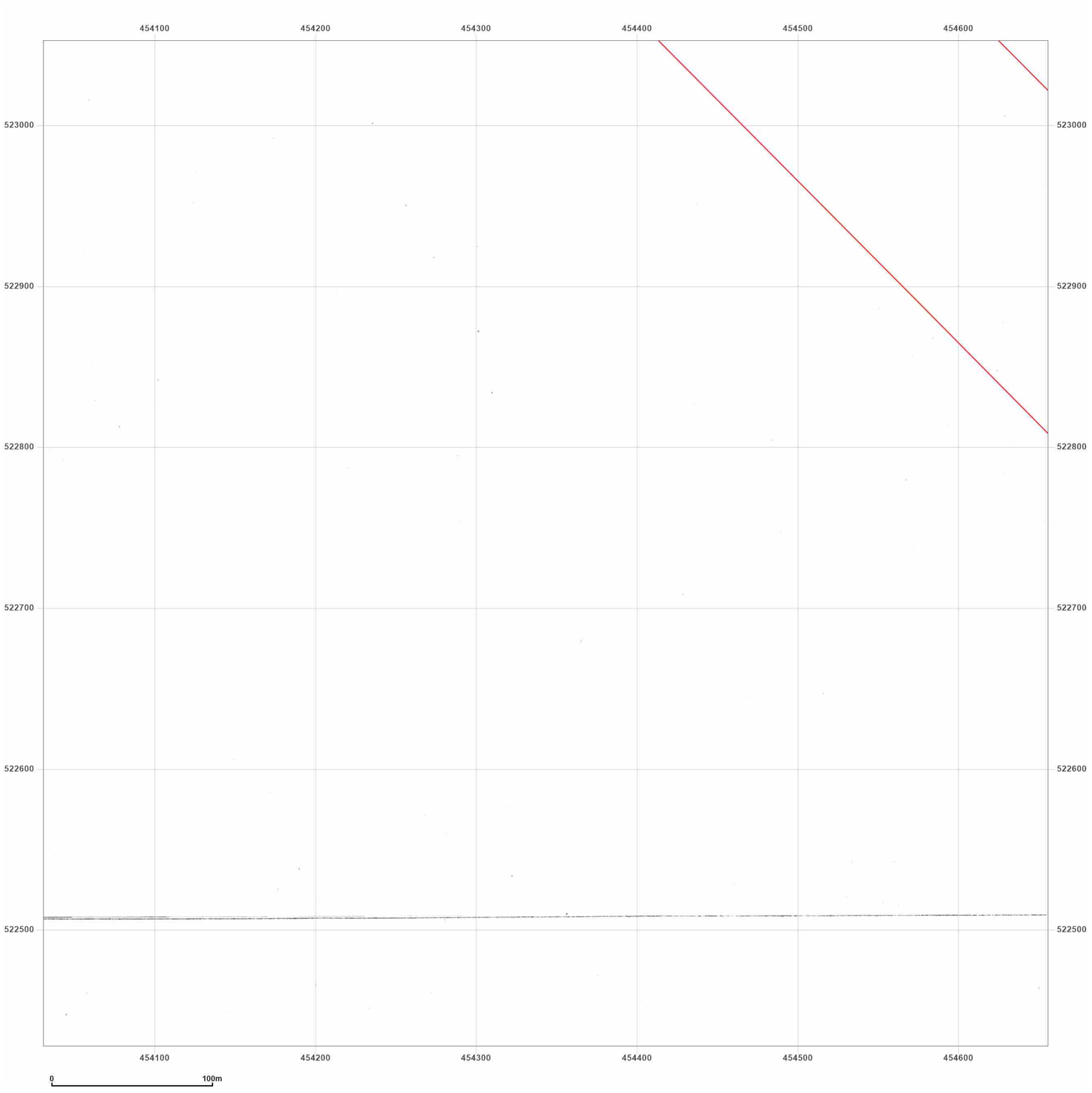
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: County Series

Map date: **1940-1941**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1941
Revised 1941
Edition N/A
Copyright N/A
Levelled N/A

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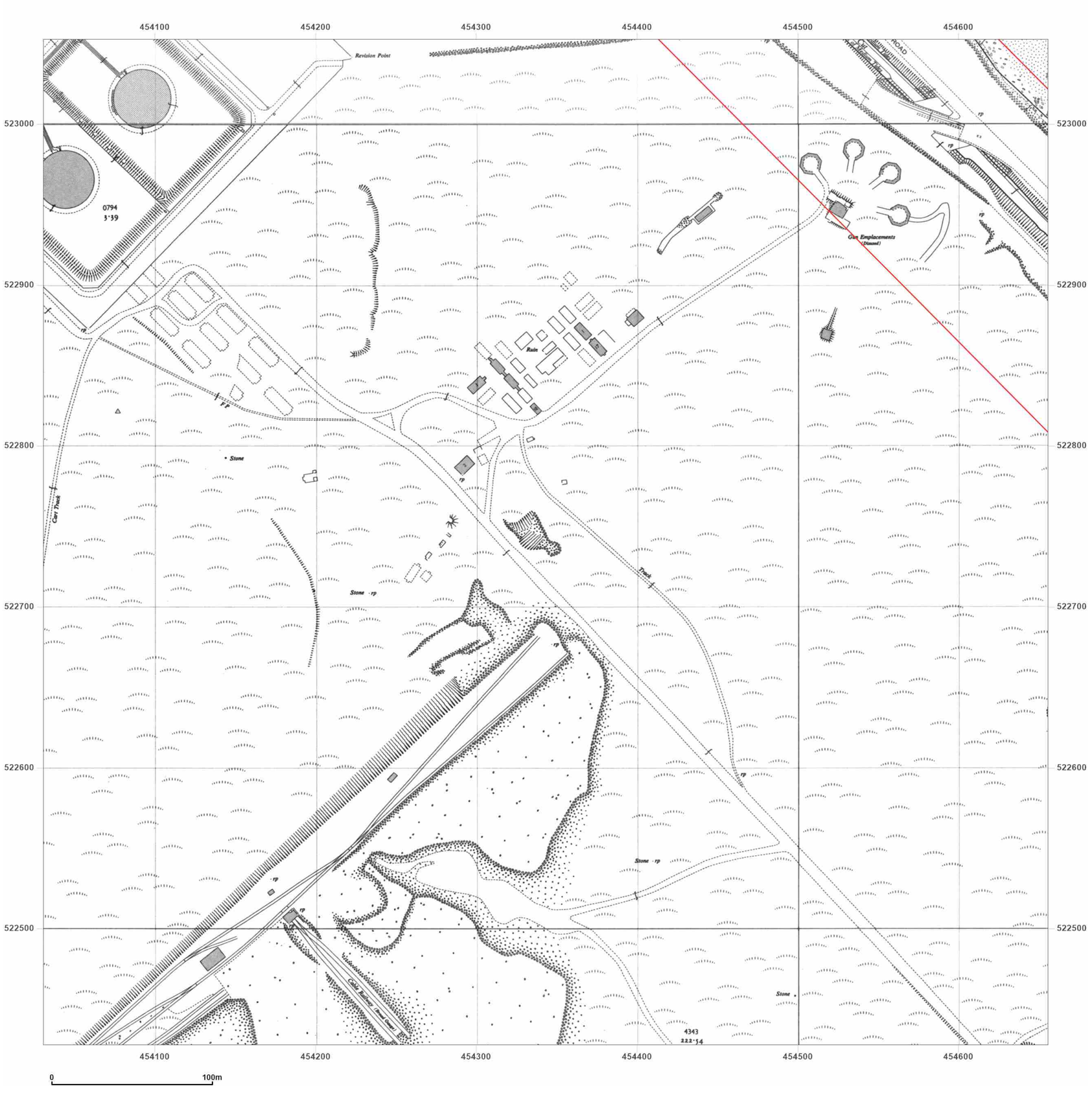
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_1
Grid Ref: 454343, 522740

Map Name: National Grid

Map date: **1954**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

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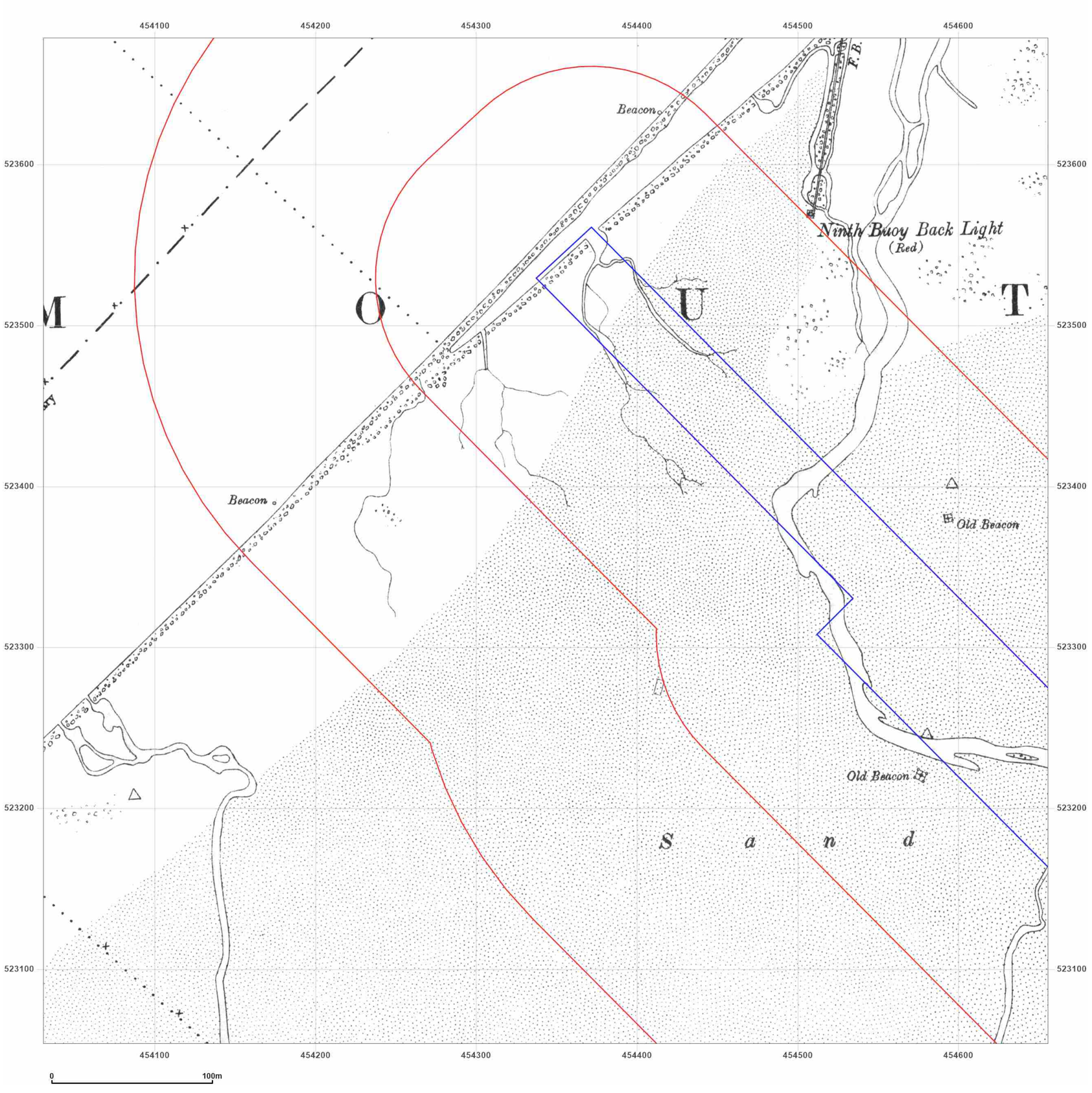
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: County Series

Map date: **1894**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

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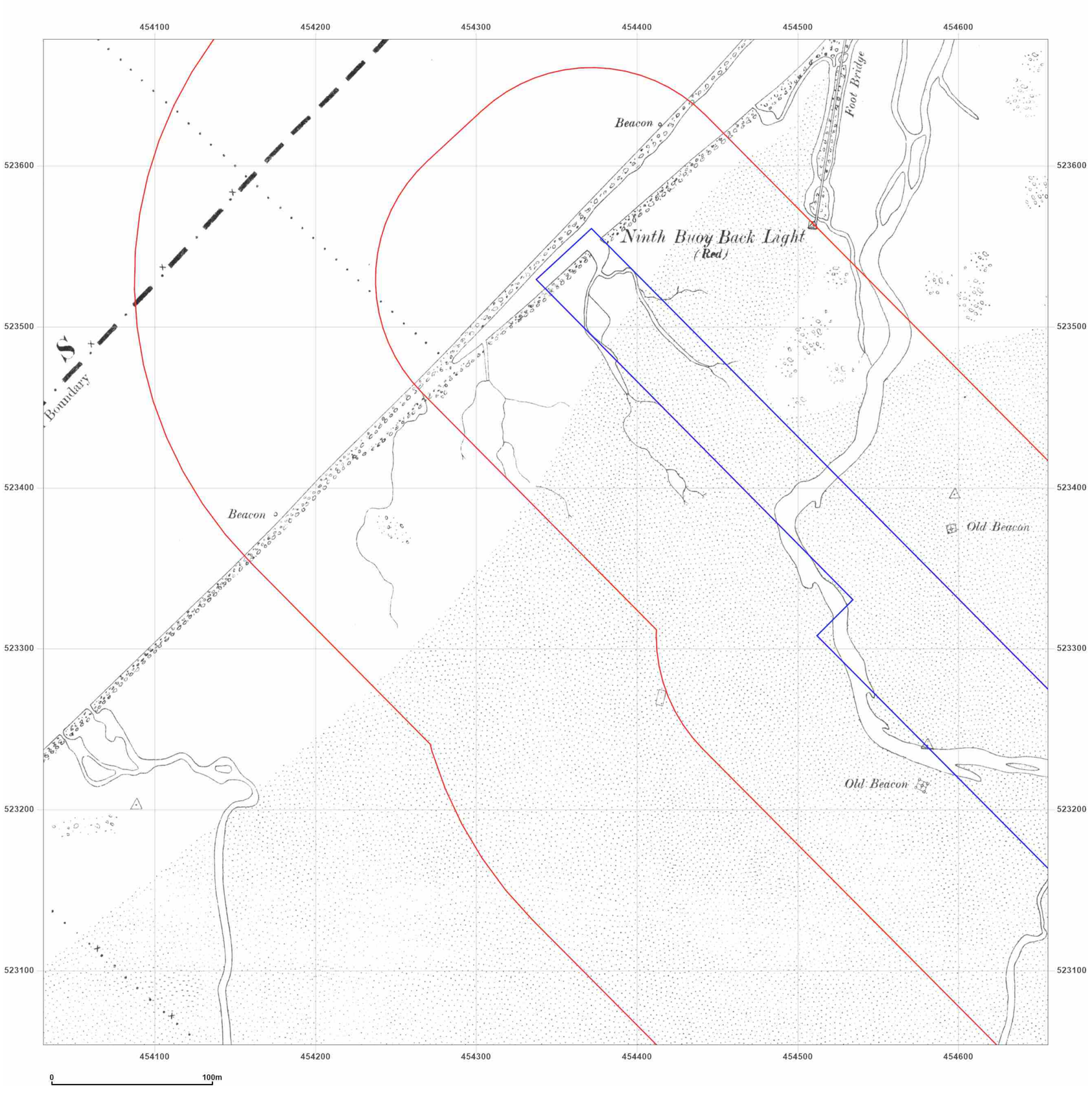
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Map legend available at:
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: County Series

Map date: **1898**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1898
Revised 1898
Edition N/A
Copyright N/A
Levelled N/A

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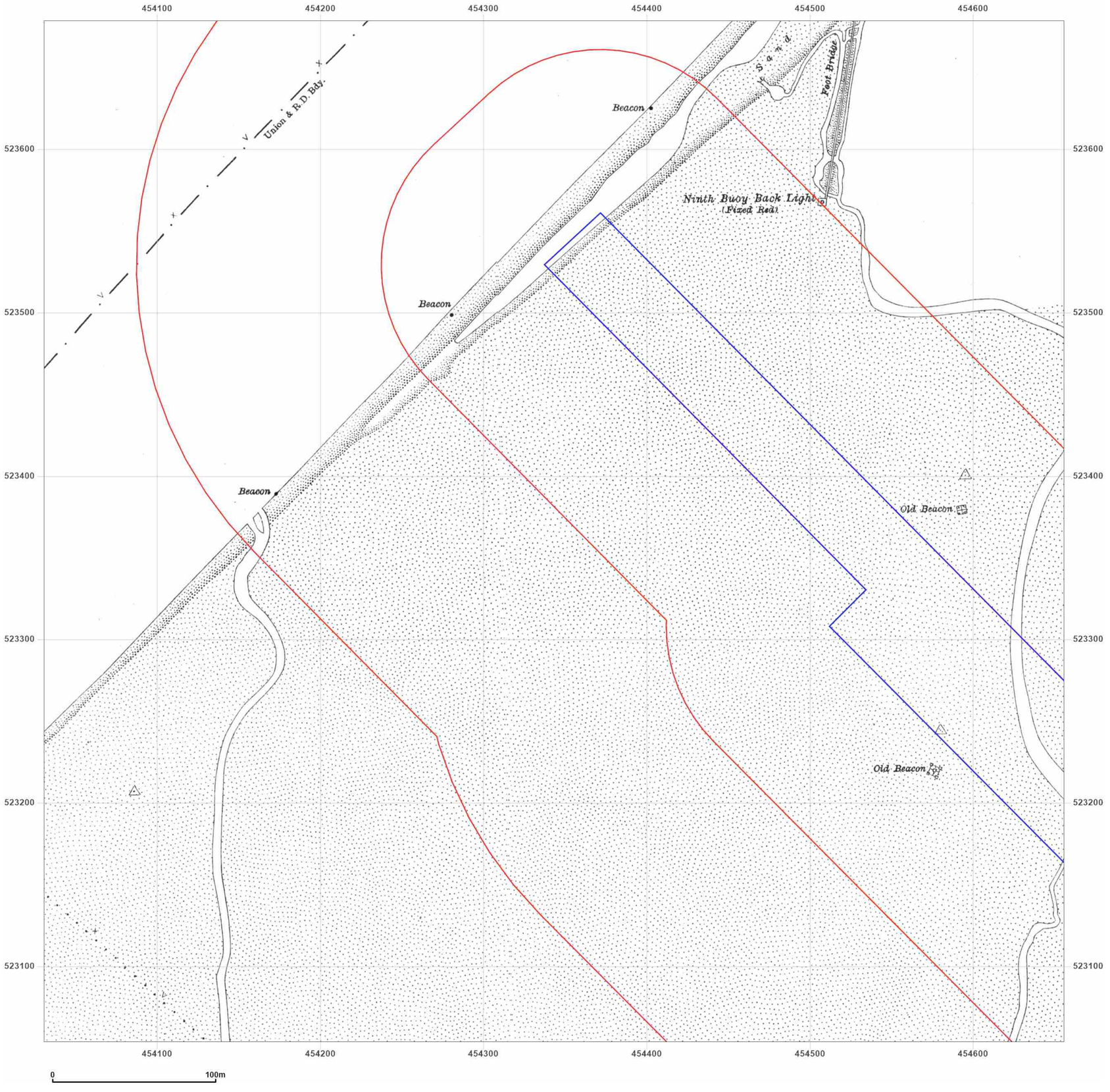
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

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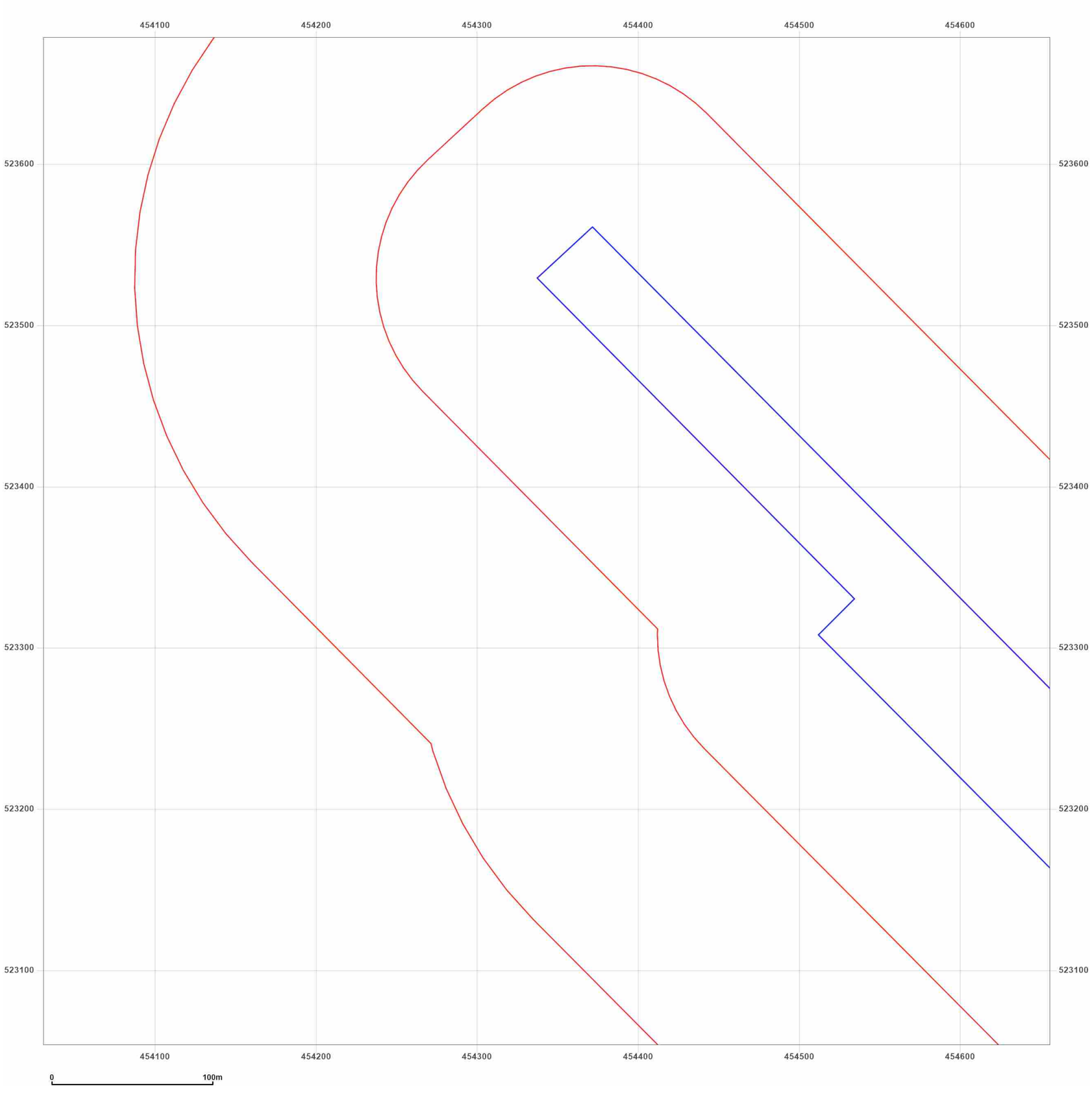
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

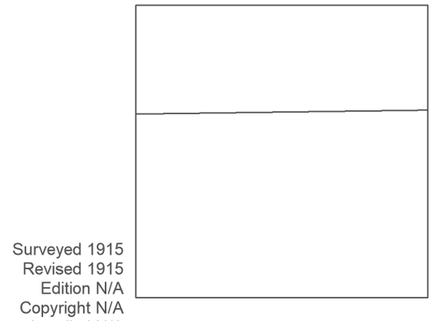
Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



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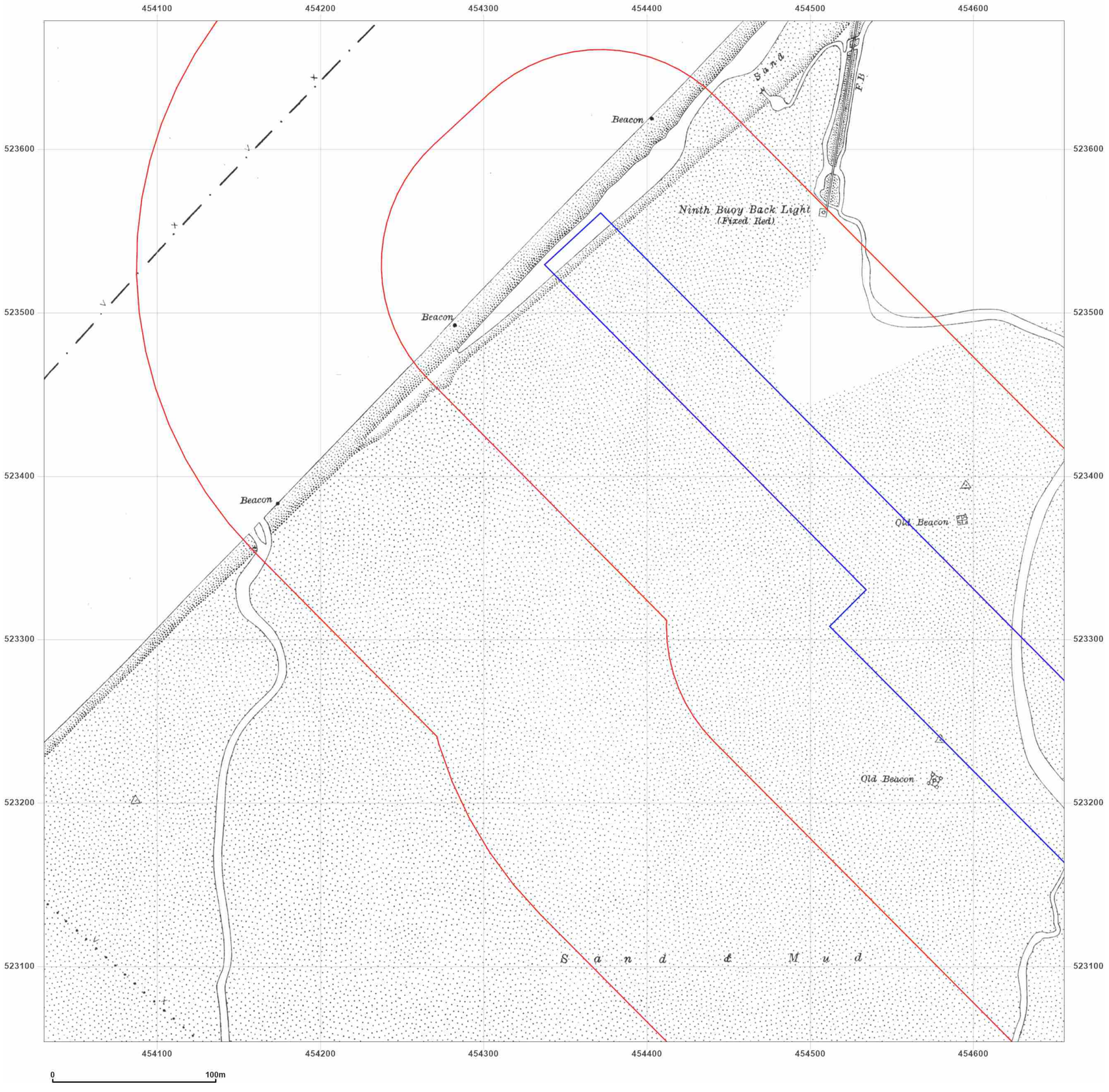
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: County Series

Map date: **1917**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1917
Revised 1917
Edition N/A
Copyright N/A
Levelled N/A

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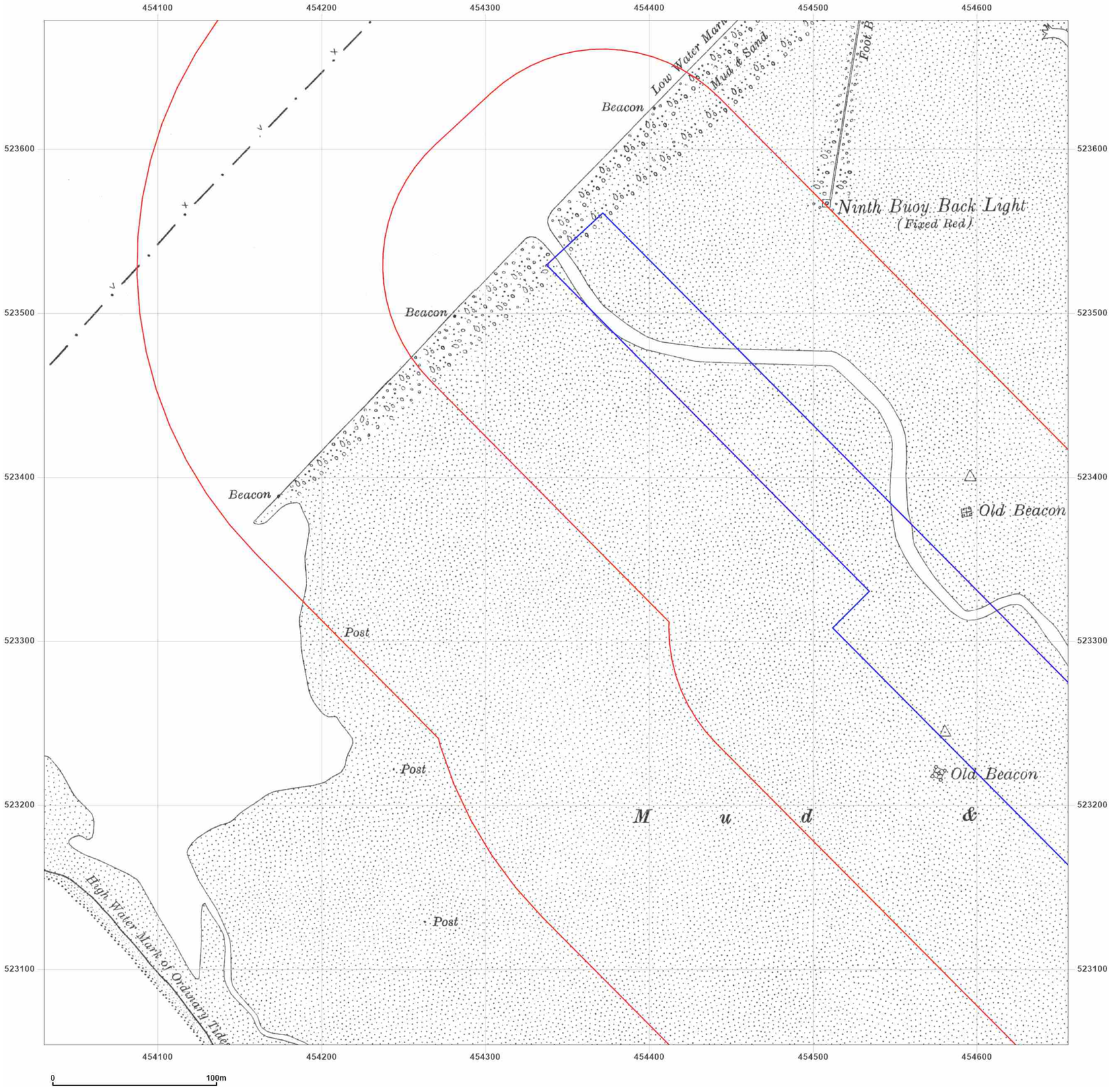
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: County Series

Map date: **1929**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A

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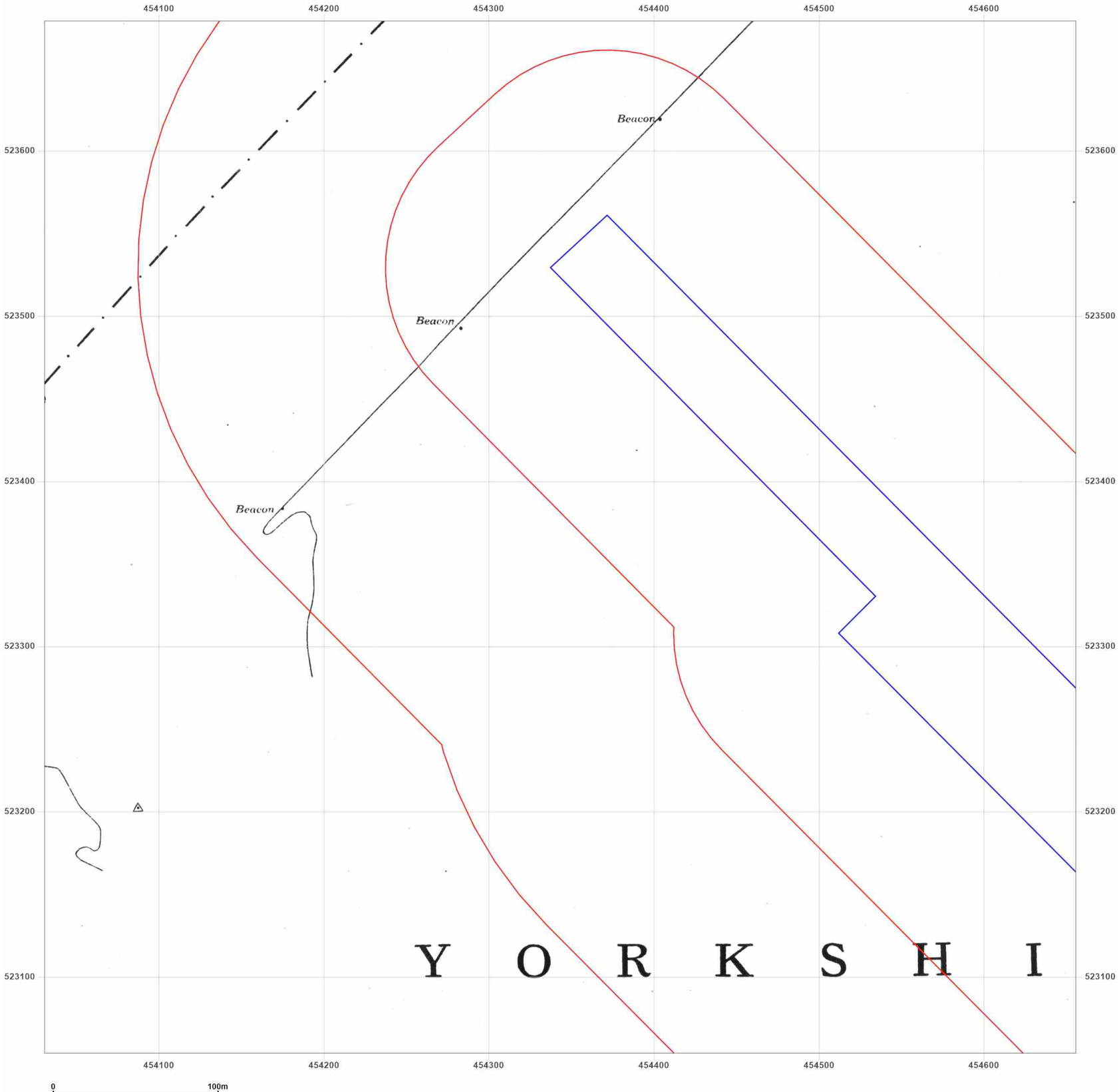
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: County Series

Map date: **1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

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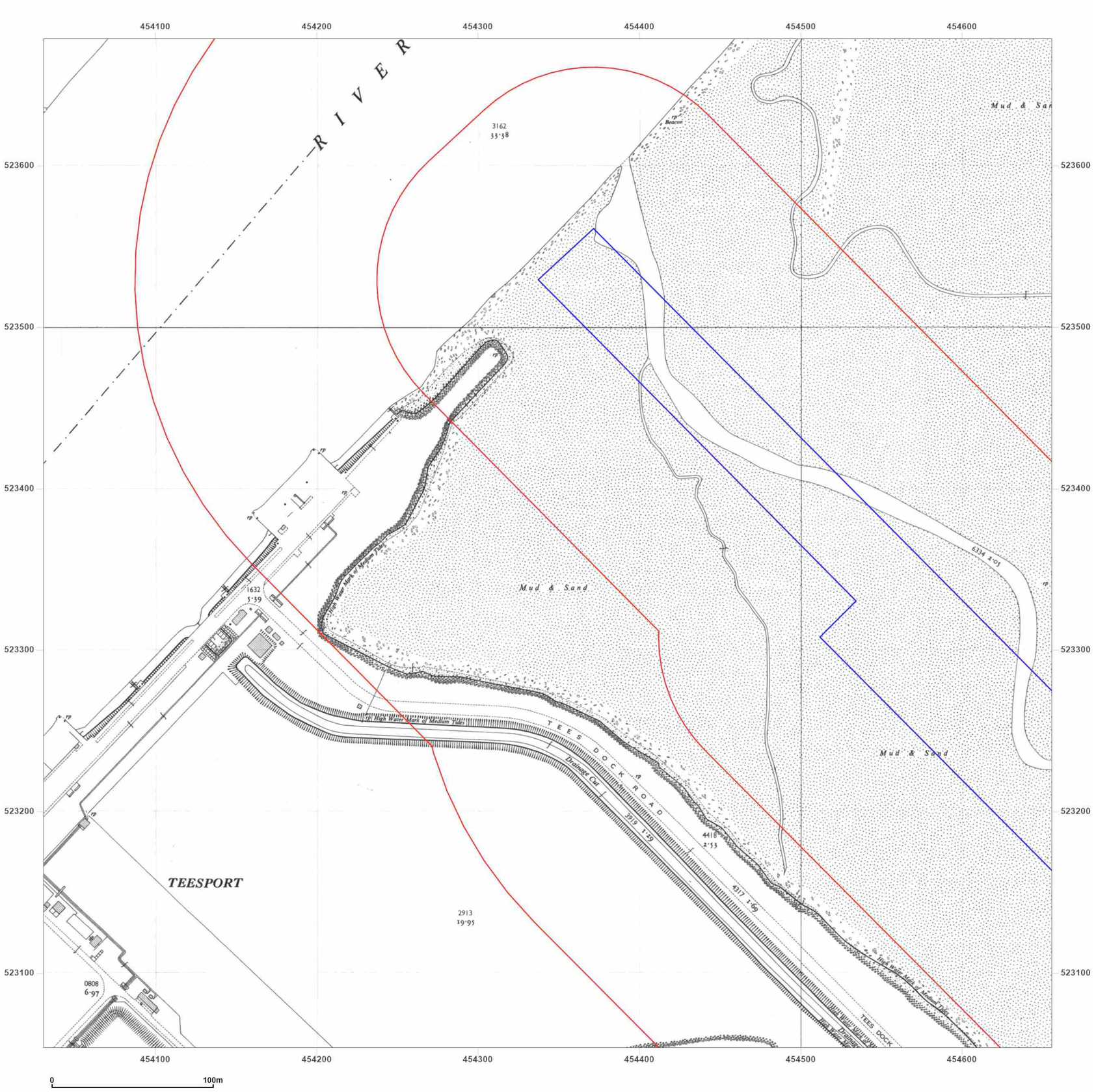
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: National Grid

Map date: **1954**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

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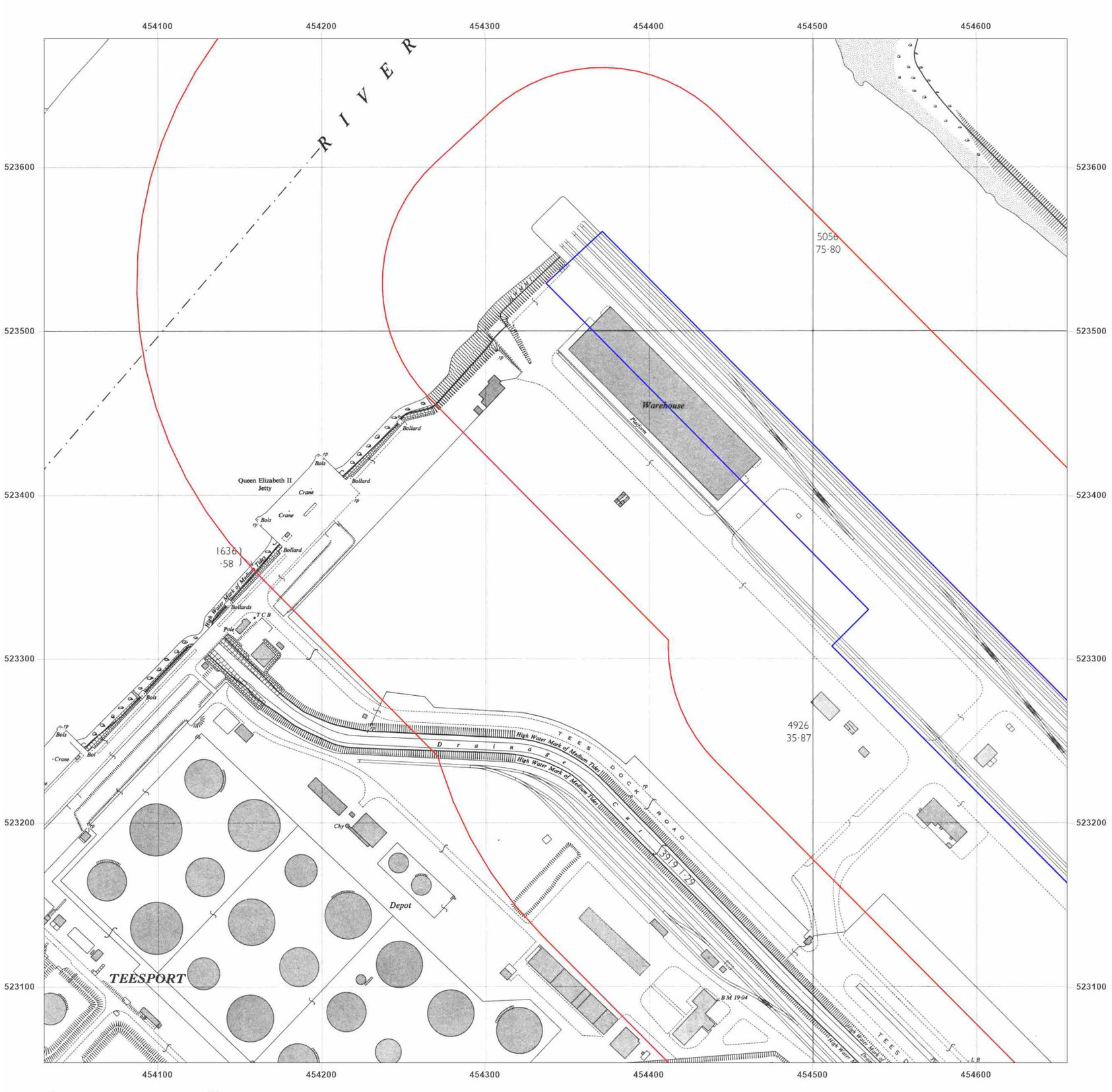
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unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_2
Grid Ref: 454343, 523366

Map Name: National Grid

Map date: **1965**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1963
Revised 1963
Edition 1965
Copyright 1965
Levelled 1959

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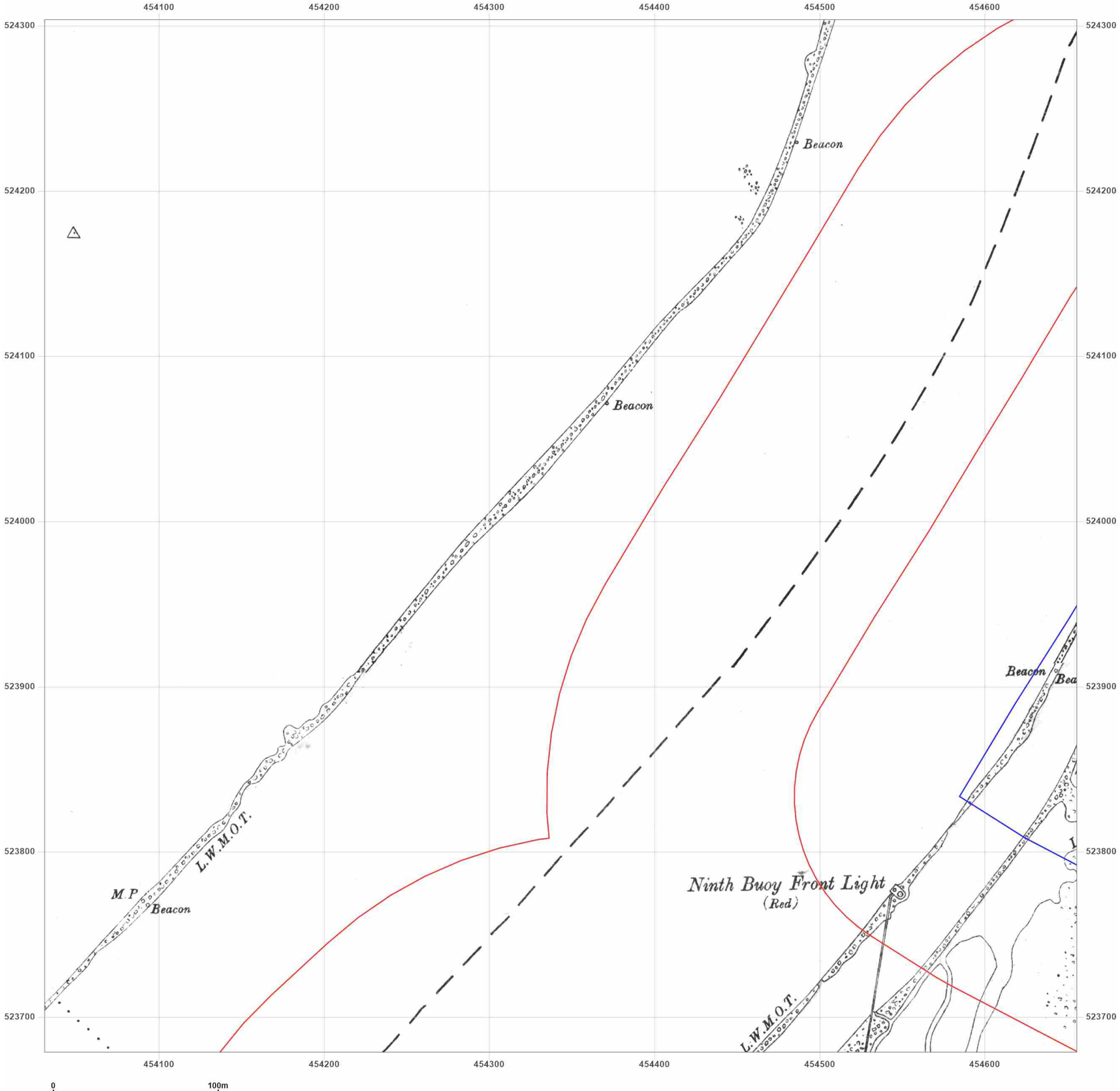
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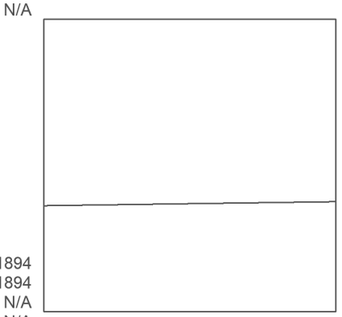
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: County Series
Map date: **1894**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

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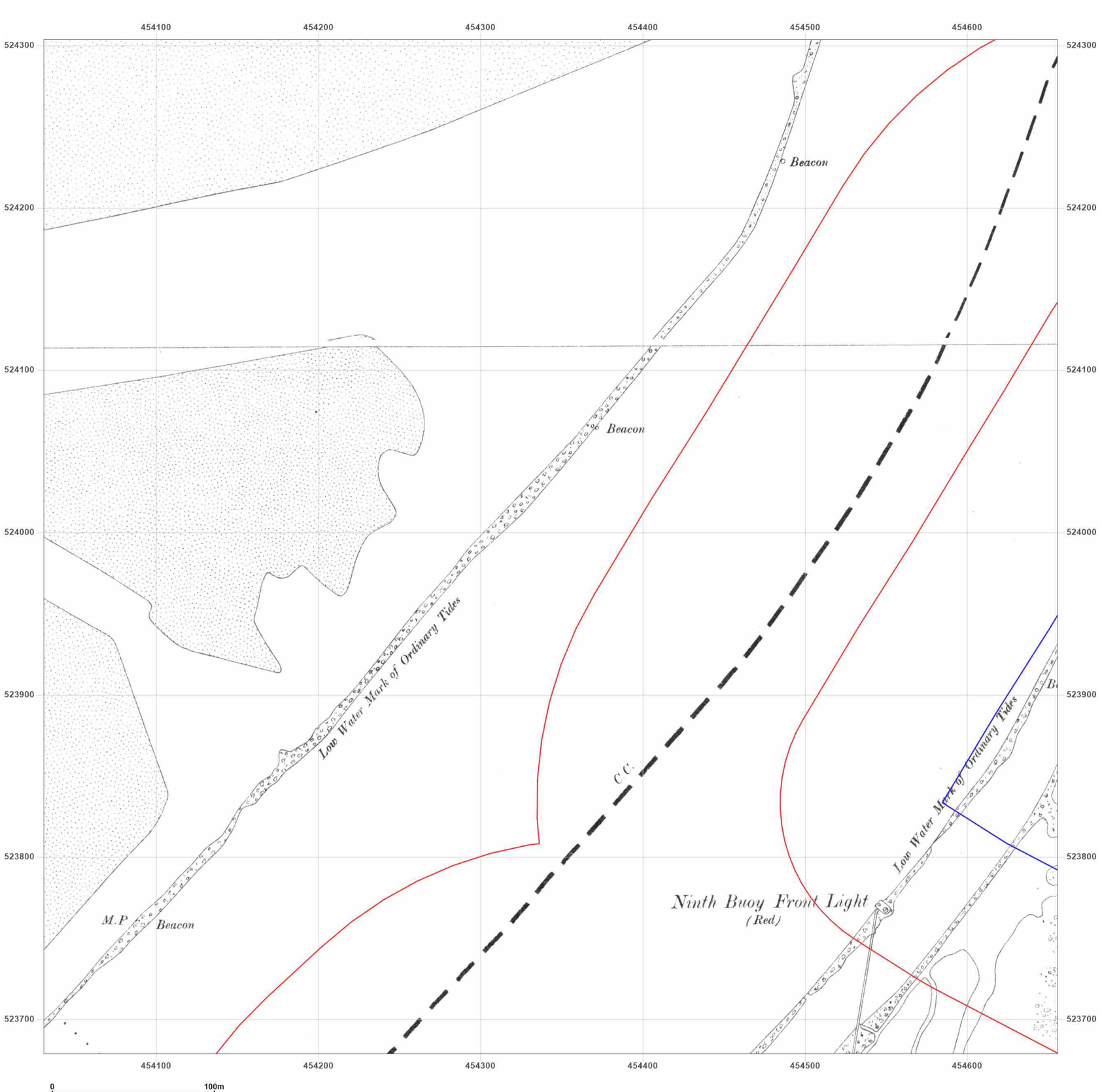
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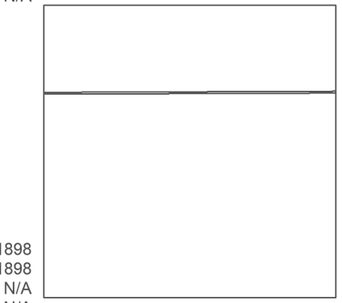
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: County Series
Map date: **1897-1898**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1897
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1898
Revised 1898
Edition N/A
Copyright N/A
Levelled N/A

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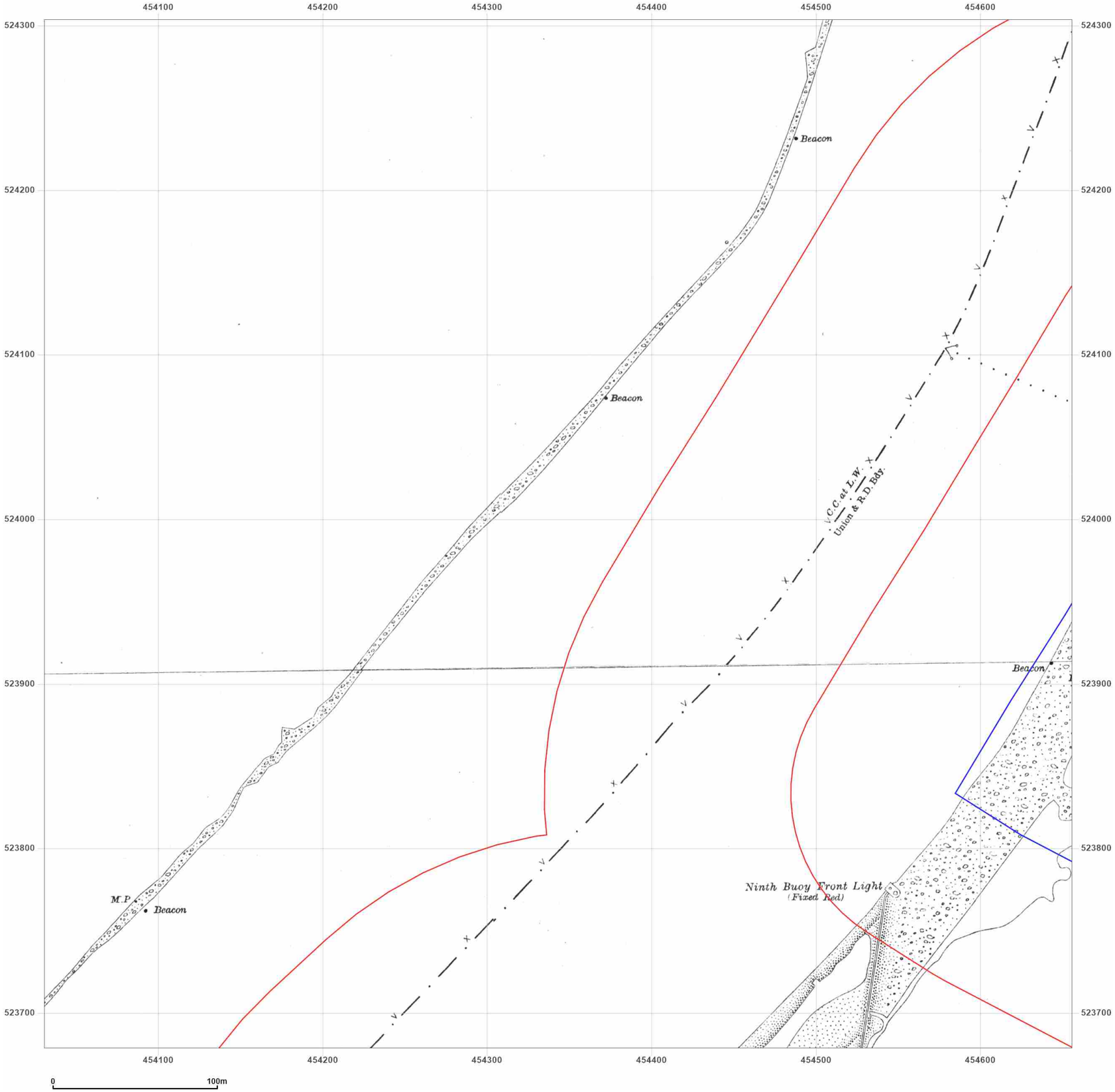
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Site Details:

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Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: County Series

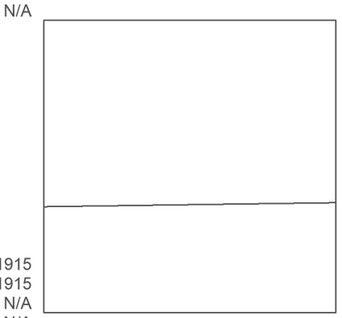
Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

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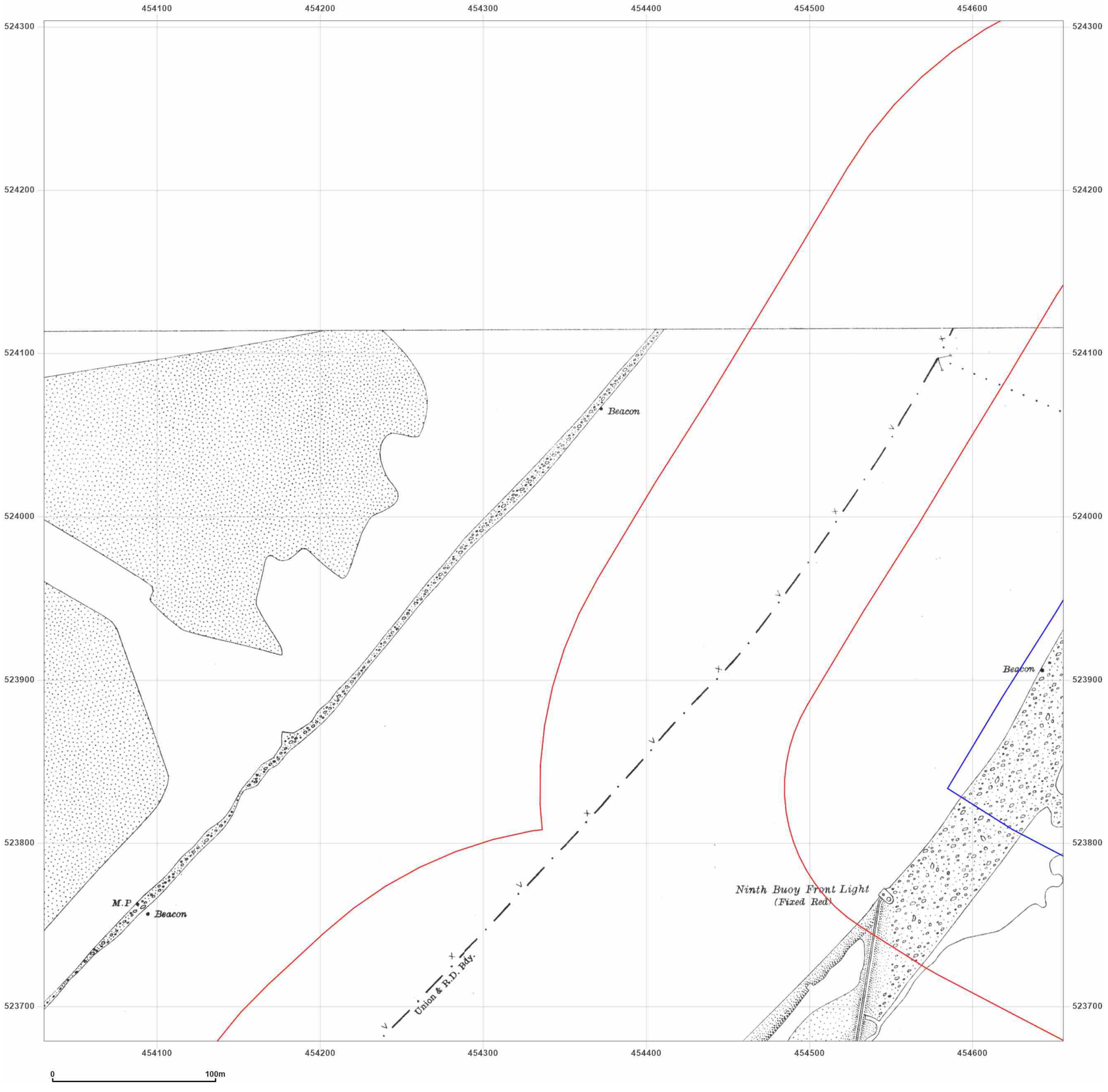
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: County Series

Map date: **1917**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1917
Revised 1917
Edition N/A
Copyright N/A
Levelled N/A

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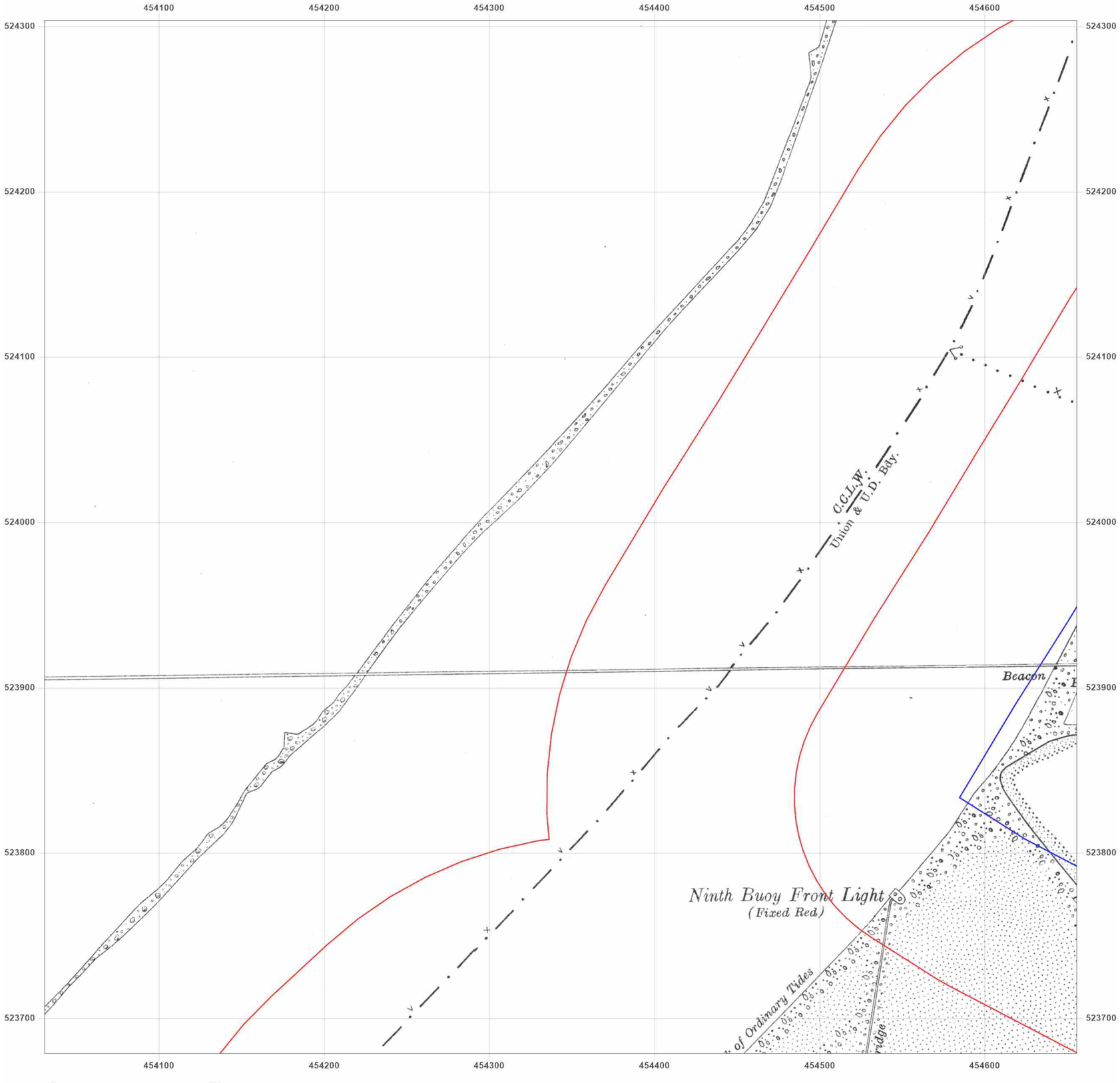
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Site Details:

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Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: County Series

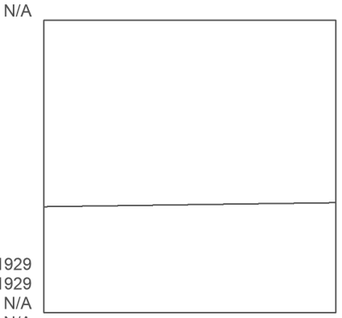
Map date: **1929**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A

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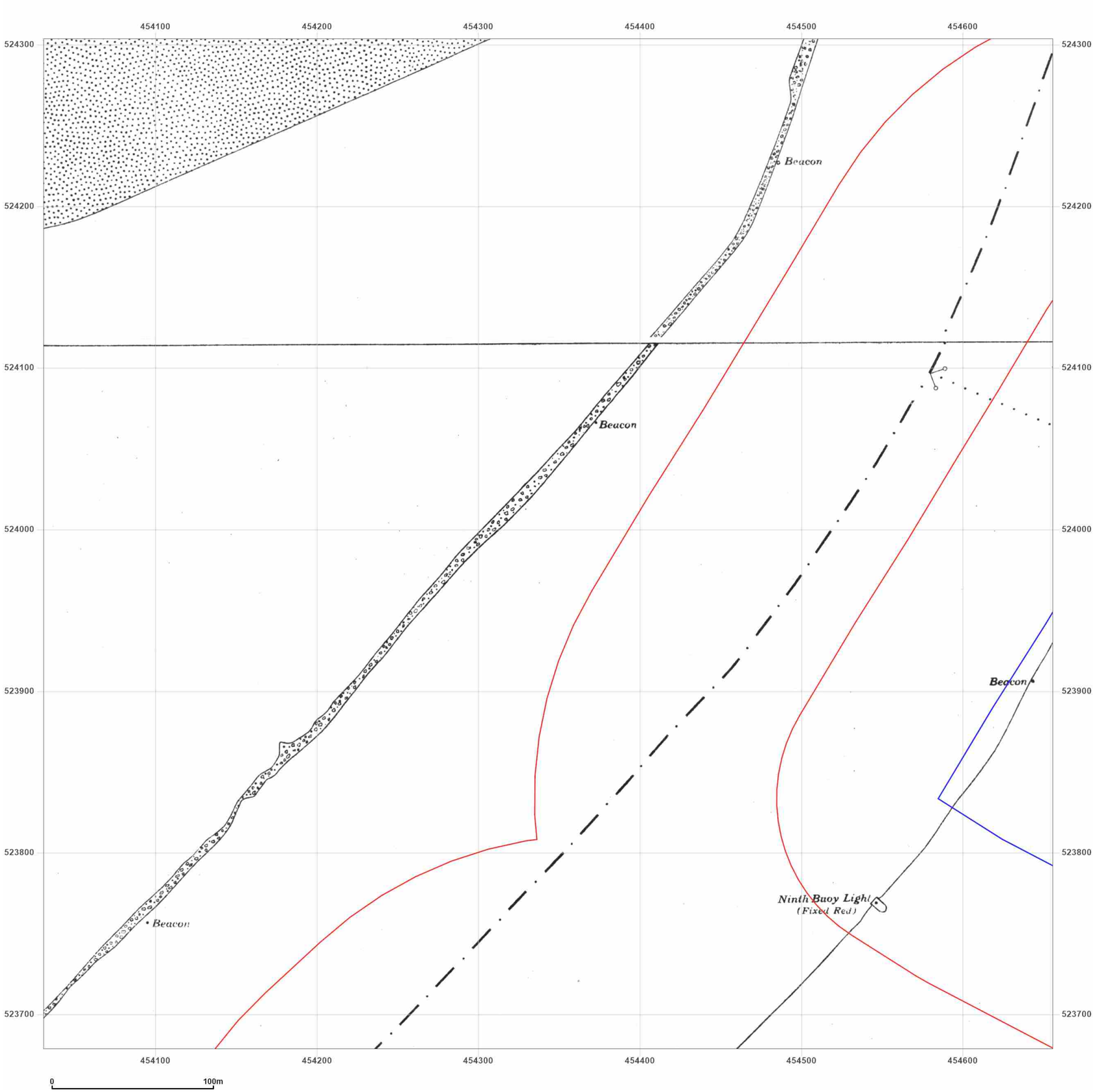
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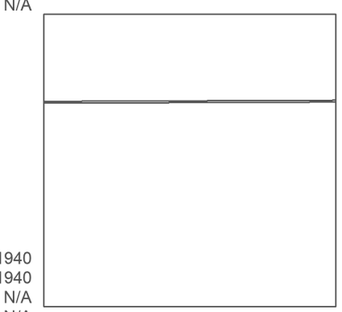
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: County Series
Map date: **1939-1940**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1939
Revised 1939
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

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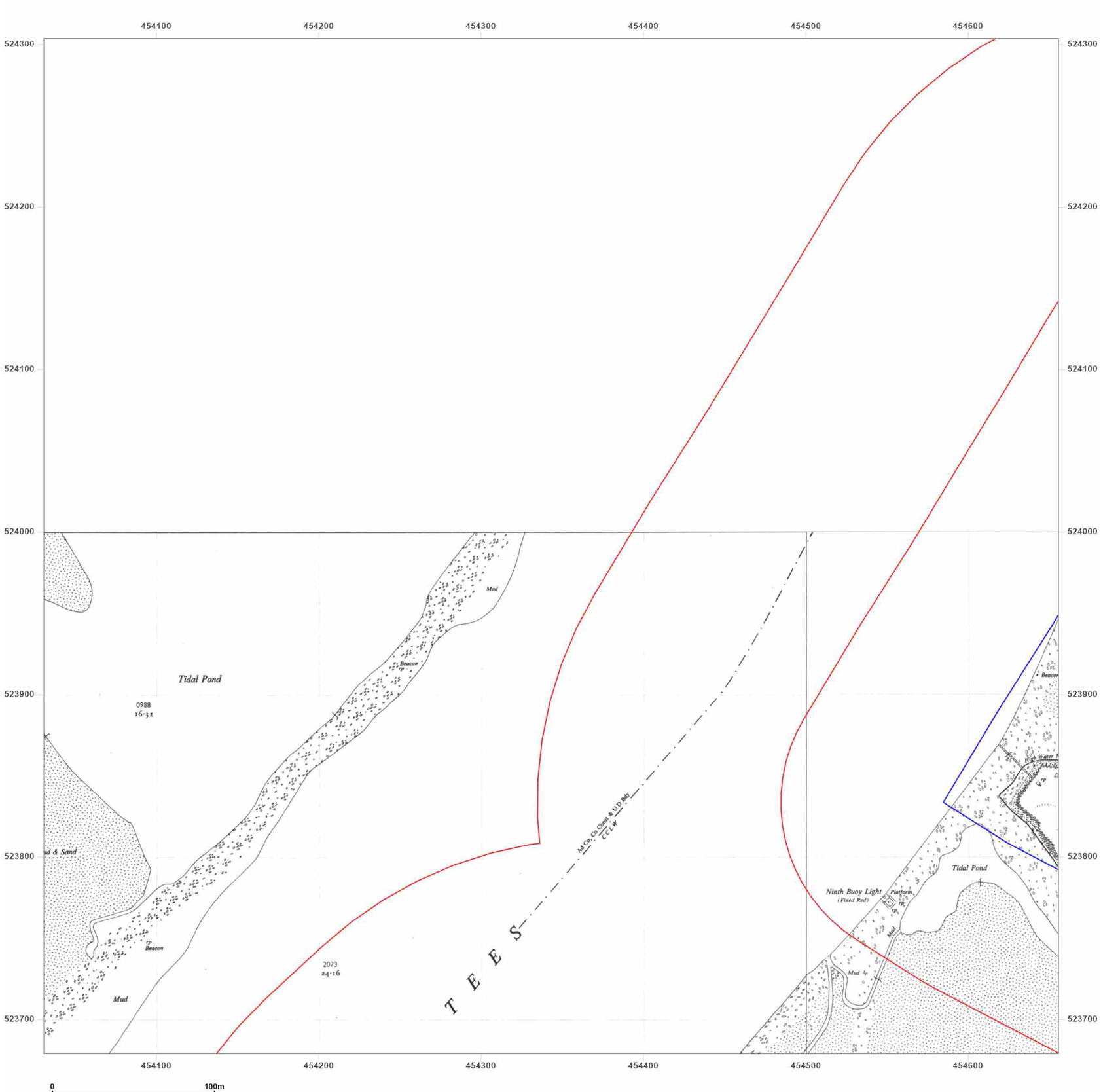
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: National Grid

Map date: **1954**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

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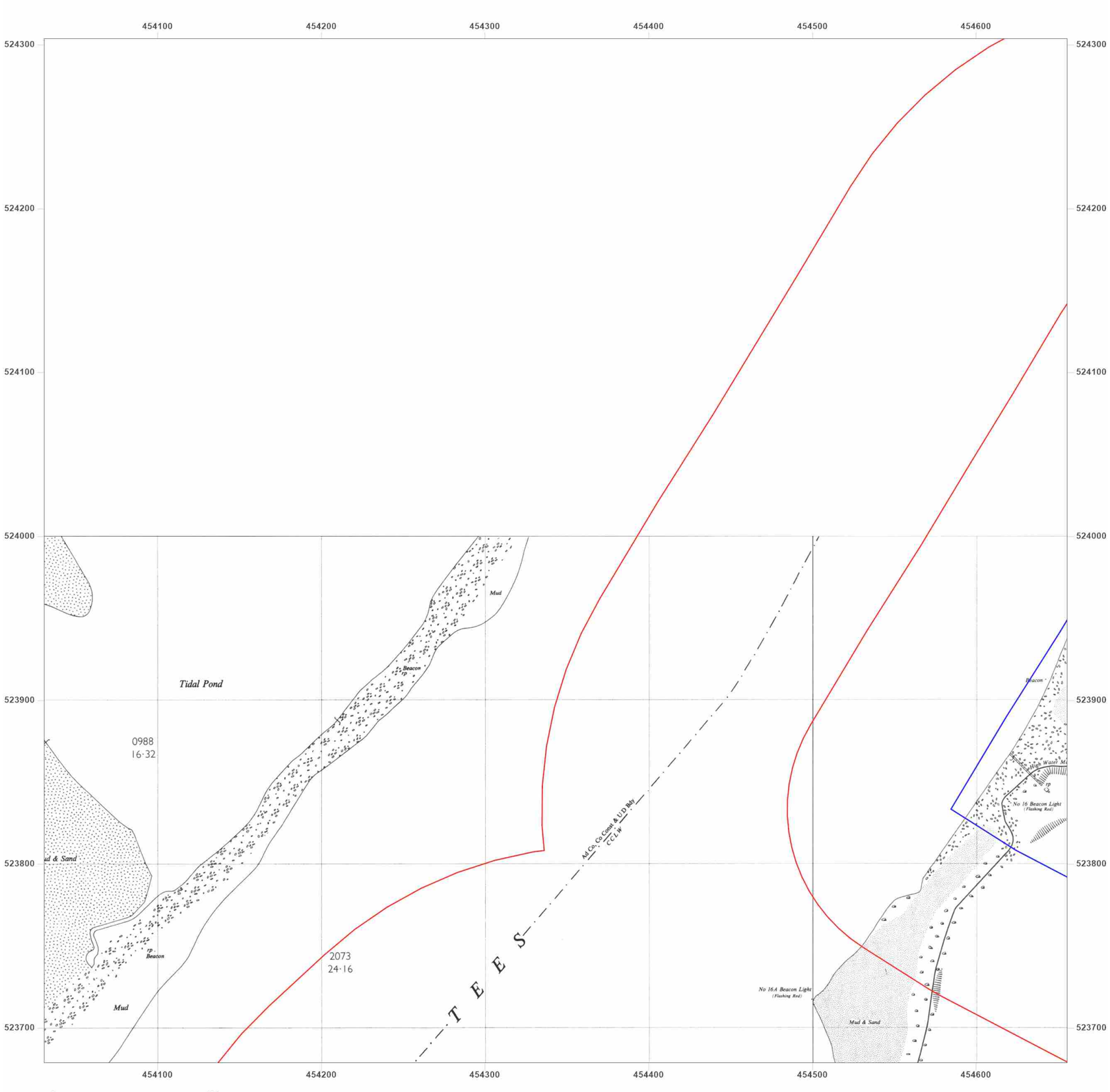
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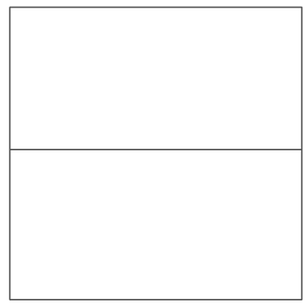
Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: National Grid
Map date: **1965**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S



Surveyed 1963
Revised 1963
Edition 1965
Copyright 1965
Levelled 1959

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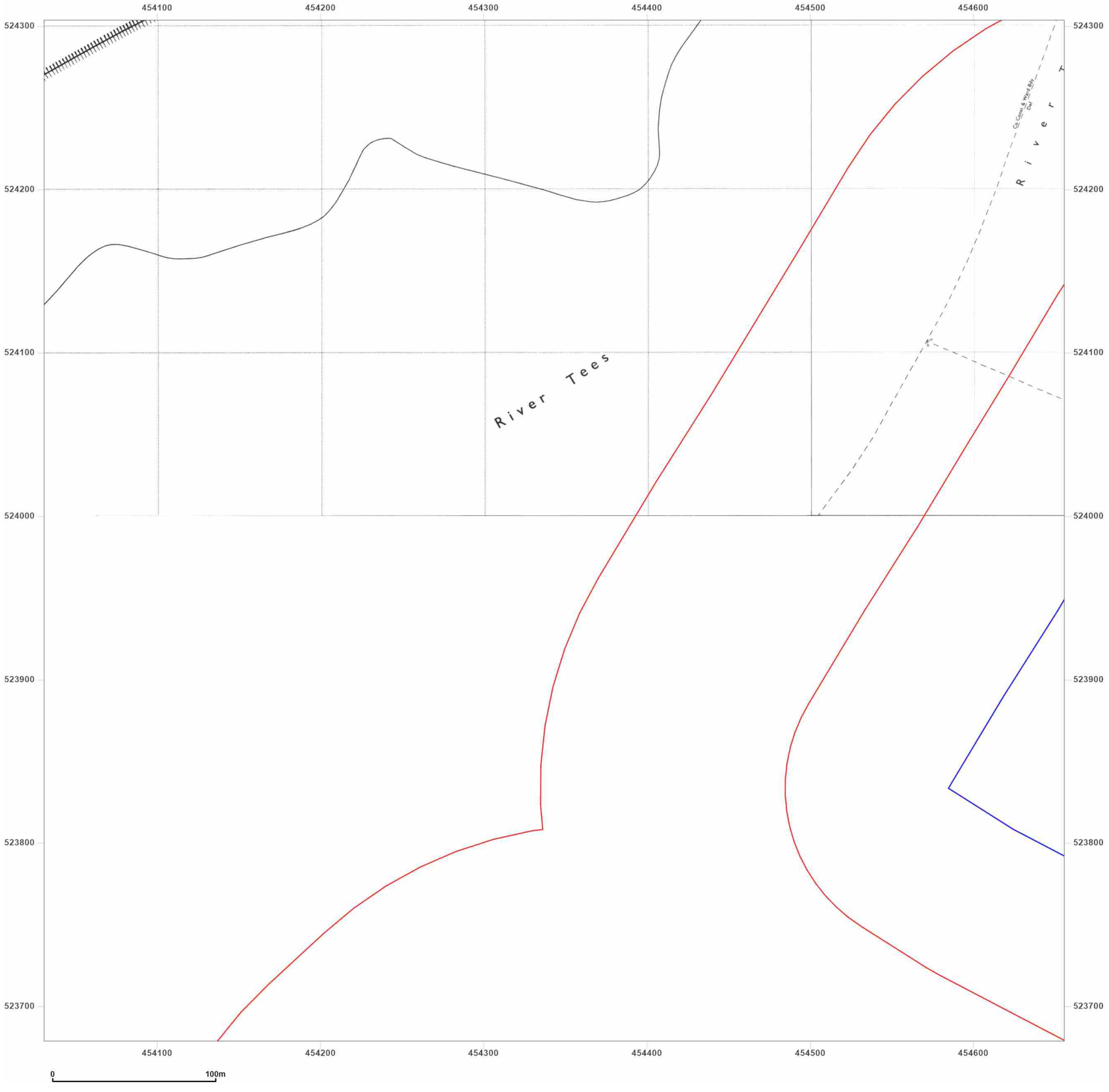
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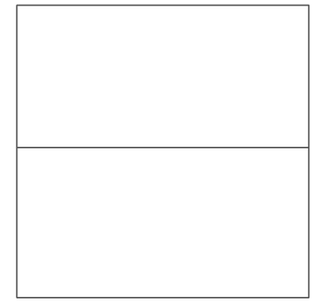
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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: National Grid
Map date: **1971**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1971
Levelled 1959



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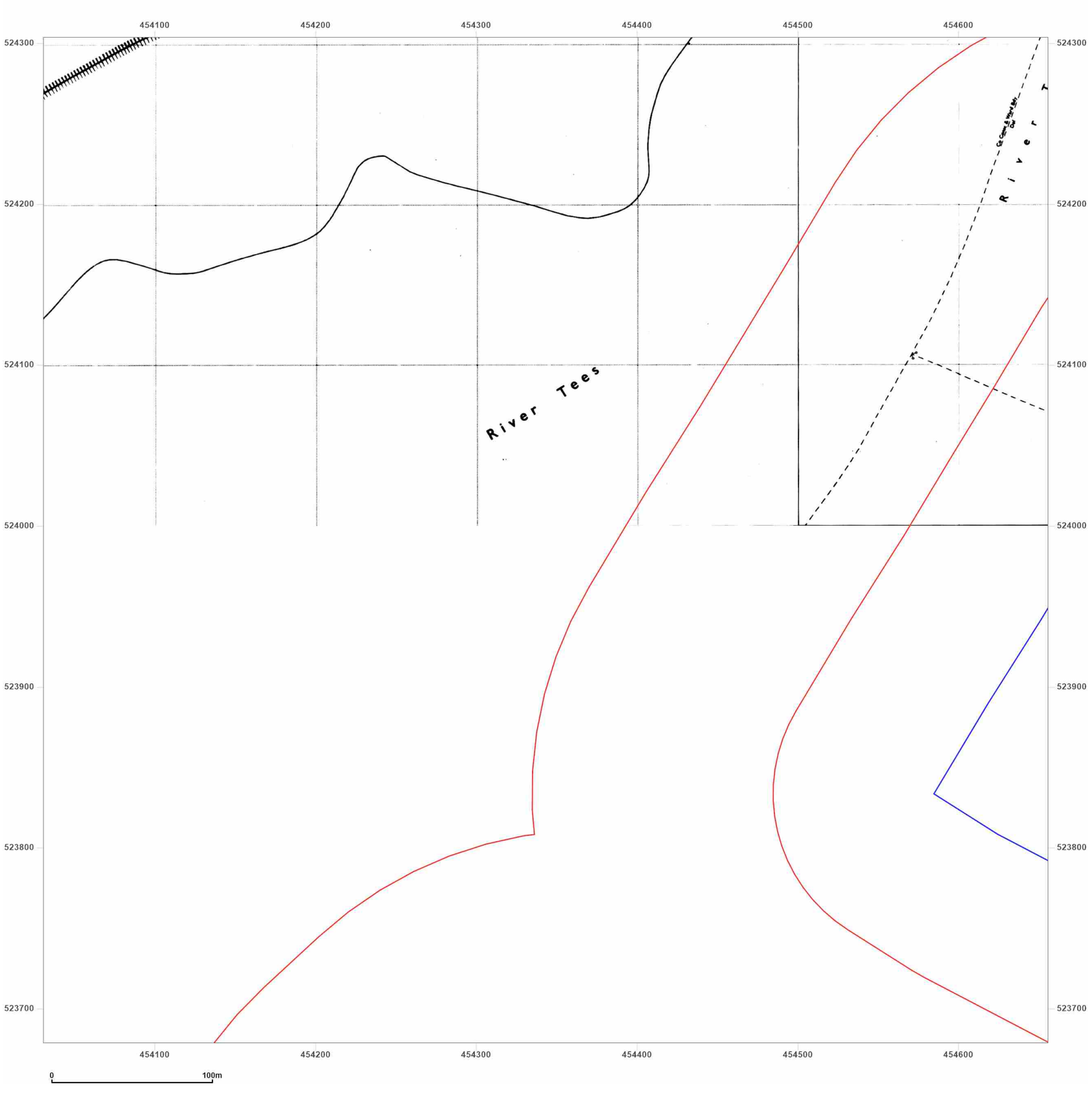
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_1_3
Grid Ref: 454343, 523991

Map Name: National Grid

Map date: **1971**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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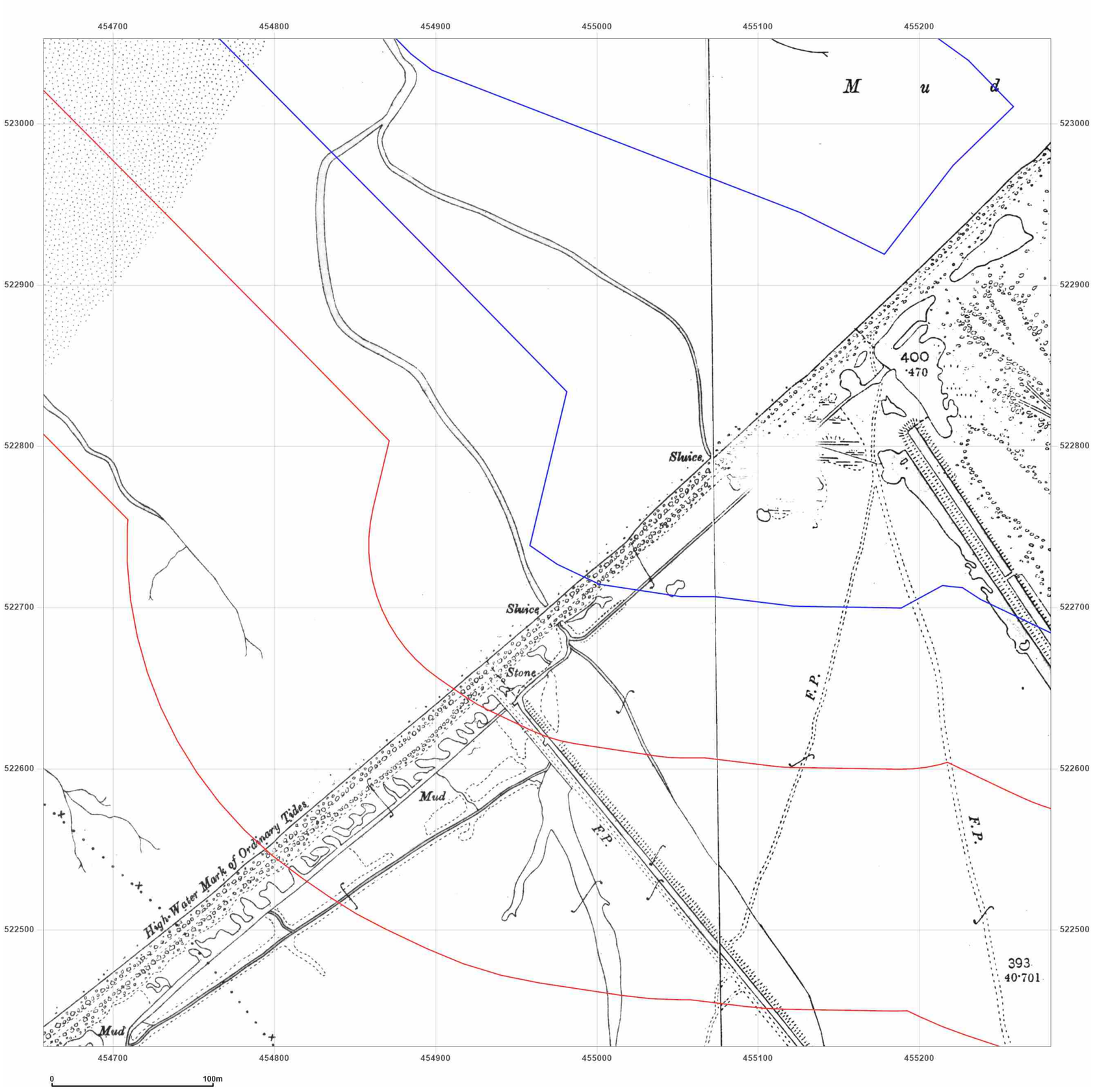
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

Map Name: County Series

Map date: **1893-1894**

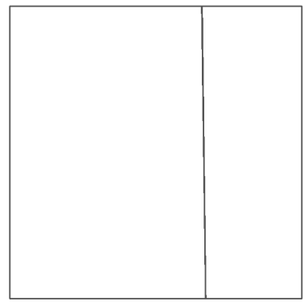
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Printed at: 1:2,500

N
W E
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Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1893
Revised 1893
Edition N/A
Copyright N/A
Levelled N/A



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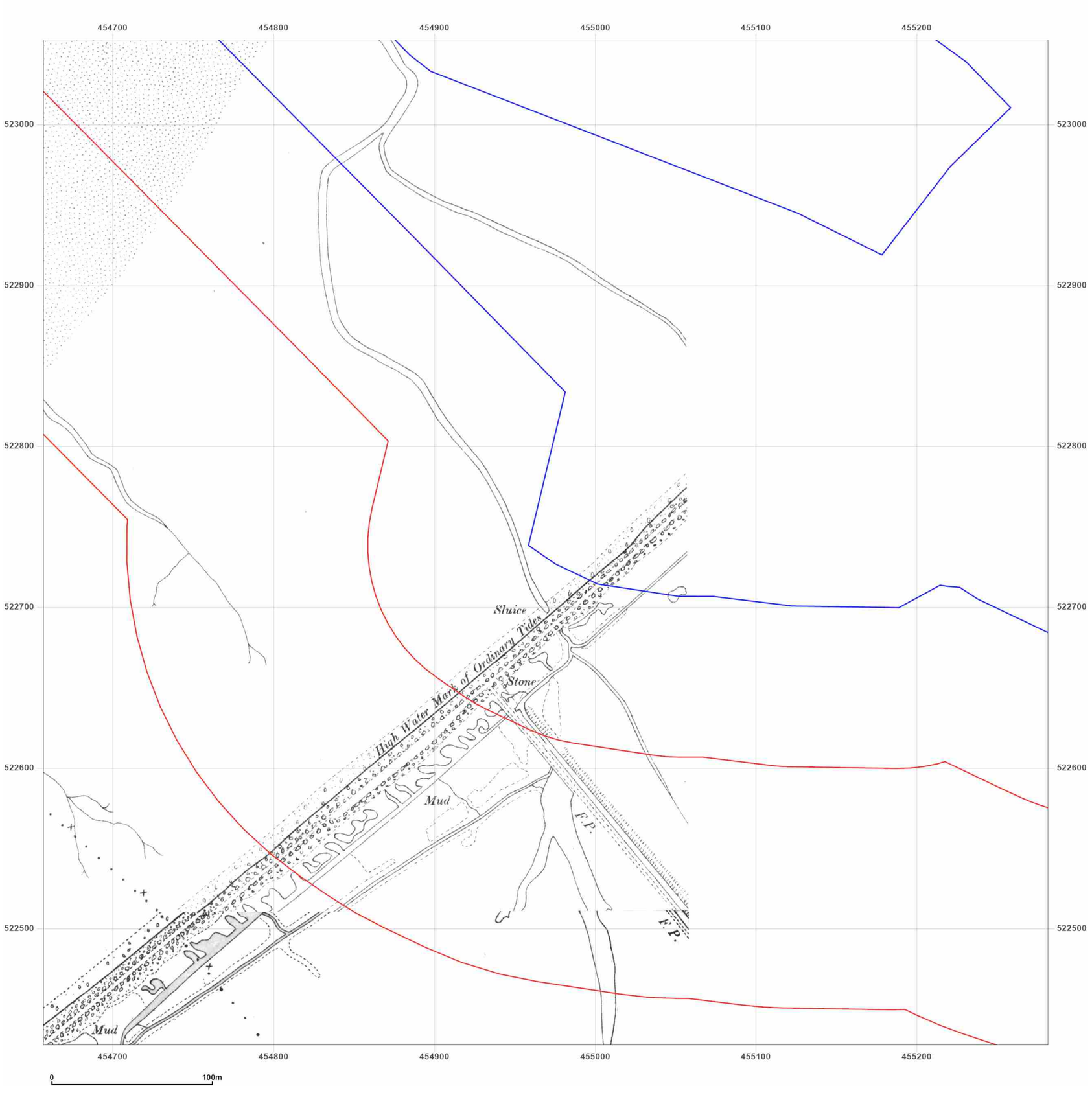
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EMAPSITE™

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Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

Map Name: County Series

Map date: **1898-1899**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1898
Revised 1898
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1899
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

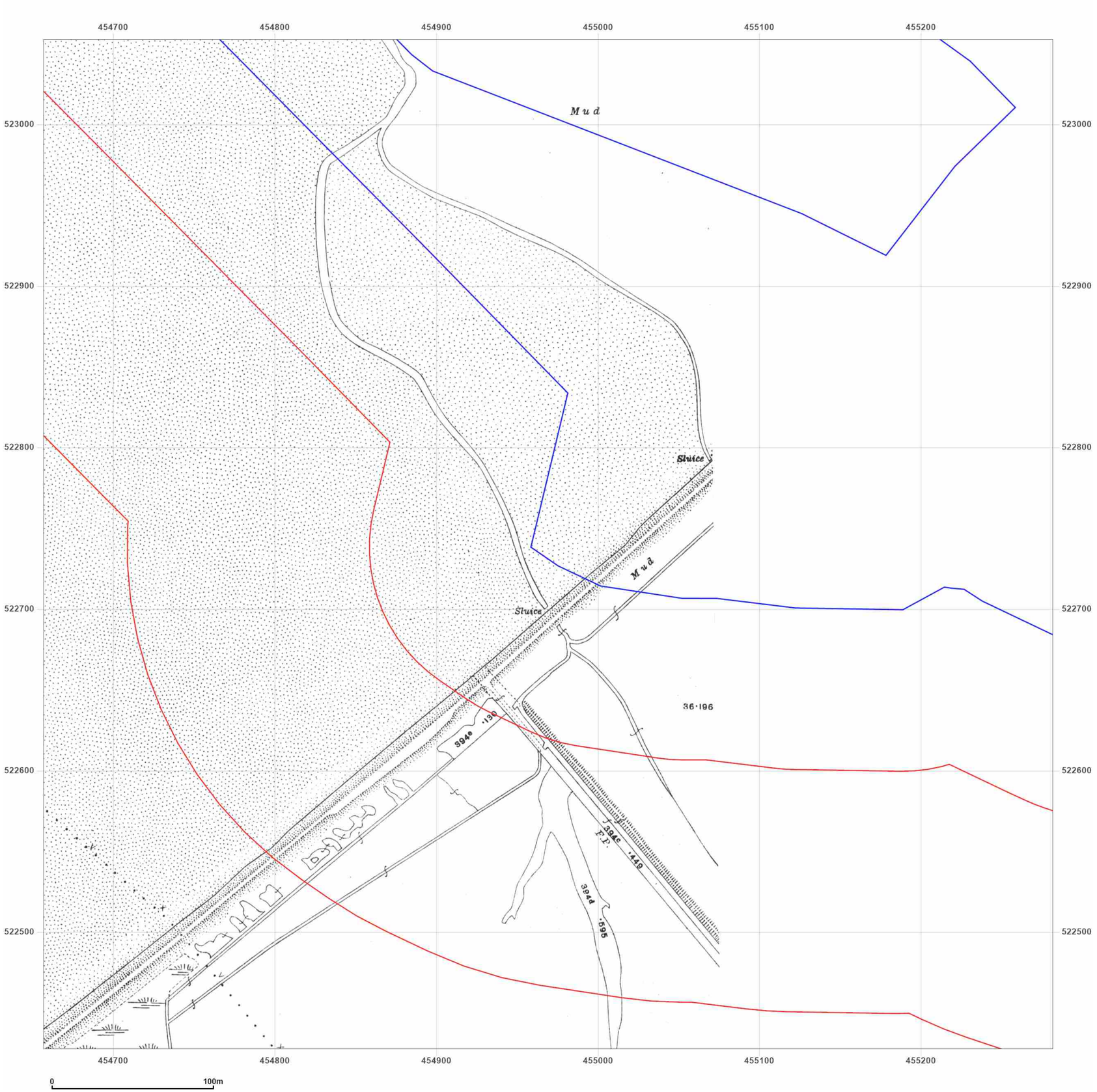
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Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

Map Name: County Series

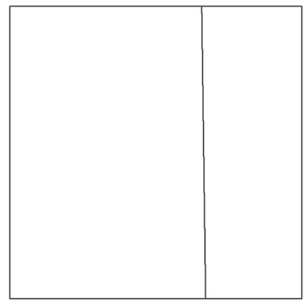
Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A



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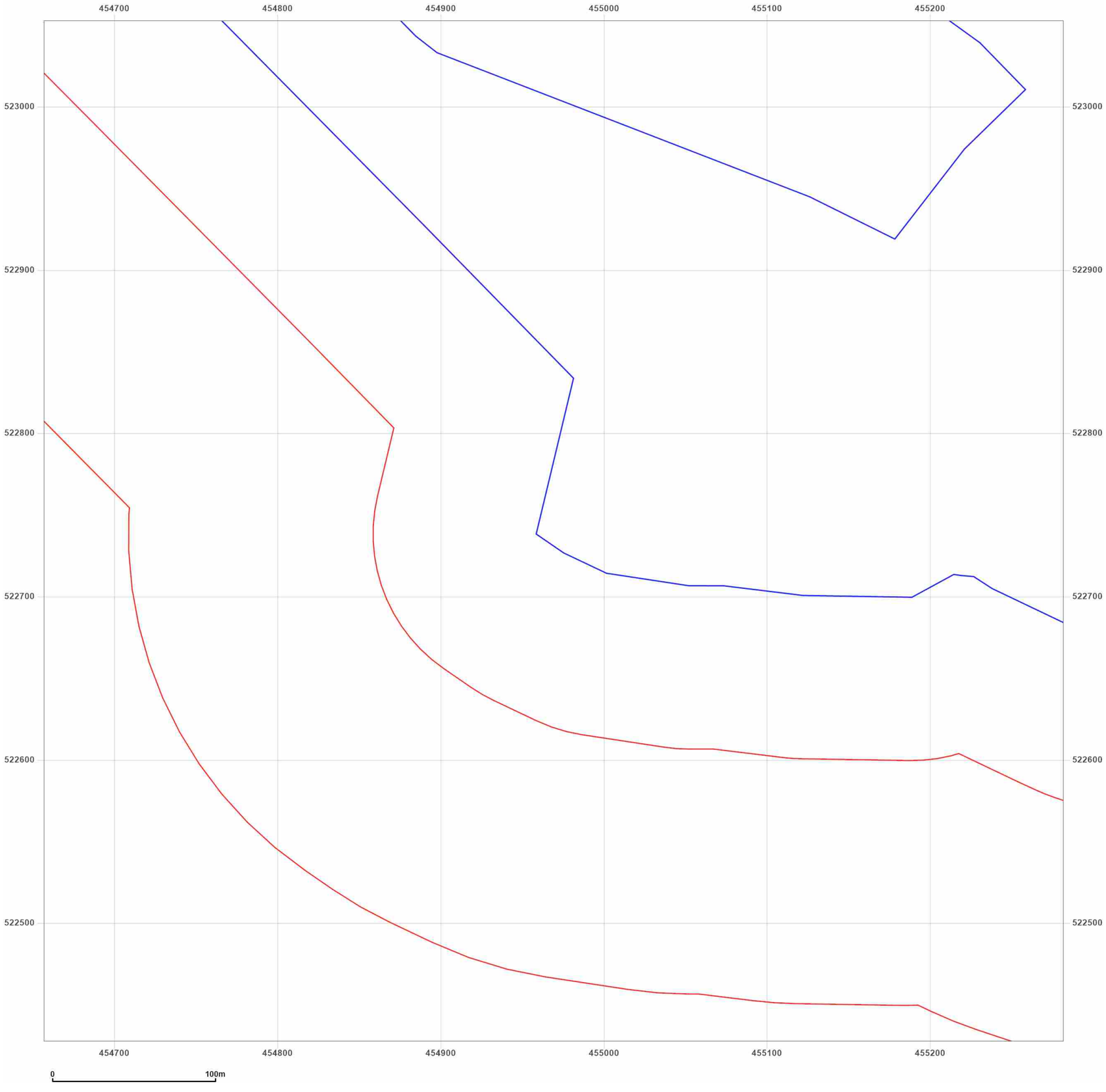
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Site Details:

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Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

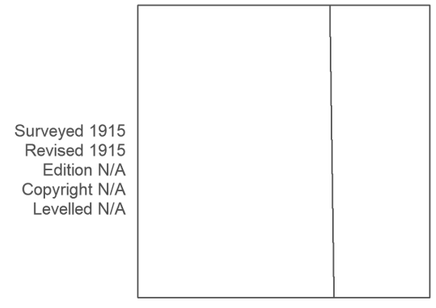
Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

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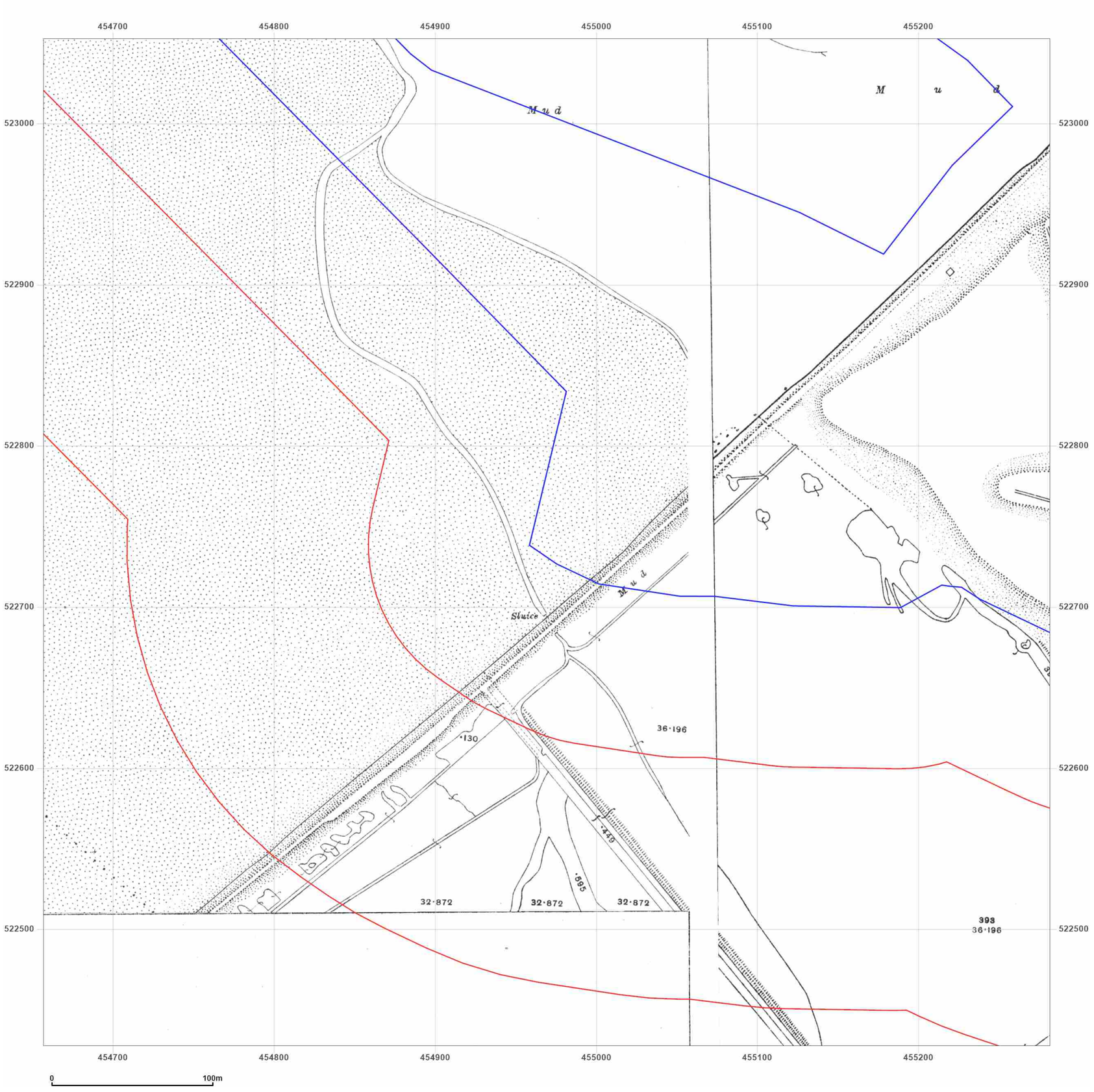
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

Map Name: County Series

Map date: **1913-1917**

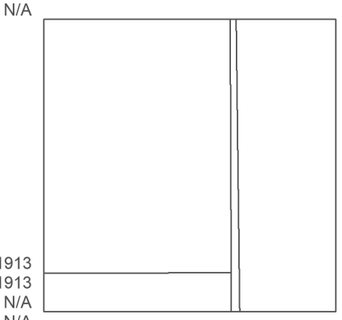
Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1917
Revised 1917
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1913
Revised 1913
Edition N/A
Copyright N/A
Levelled N/A

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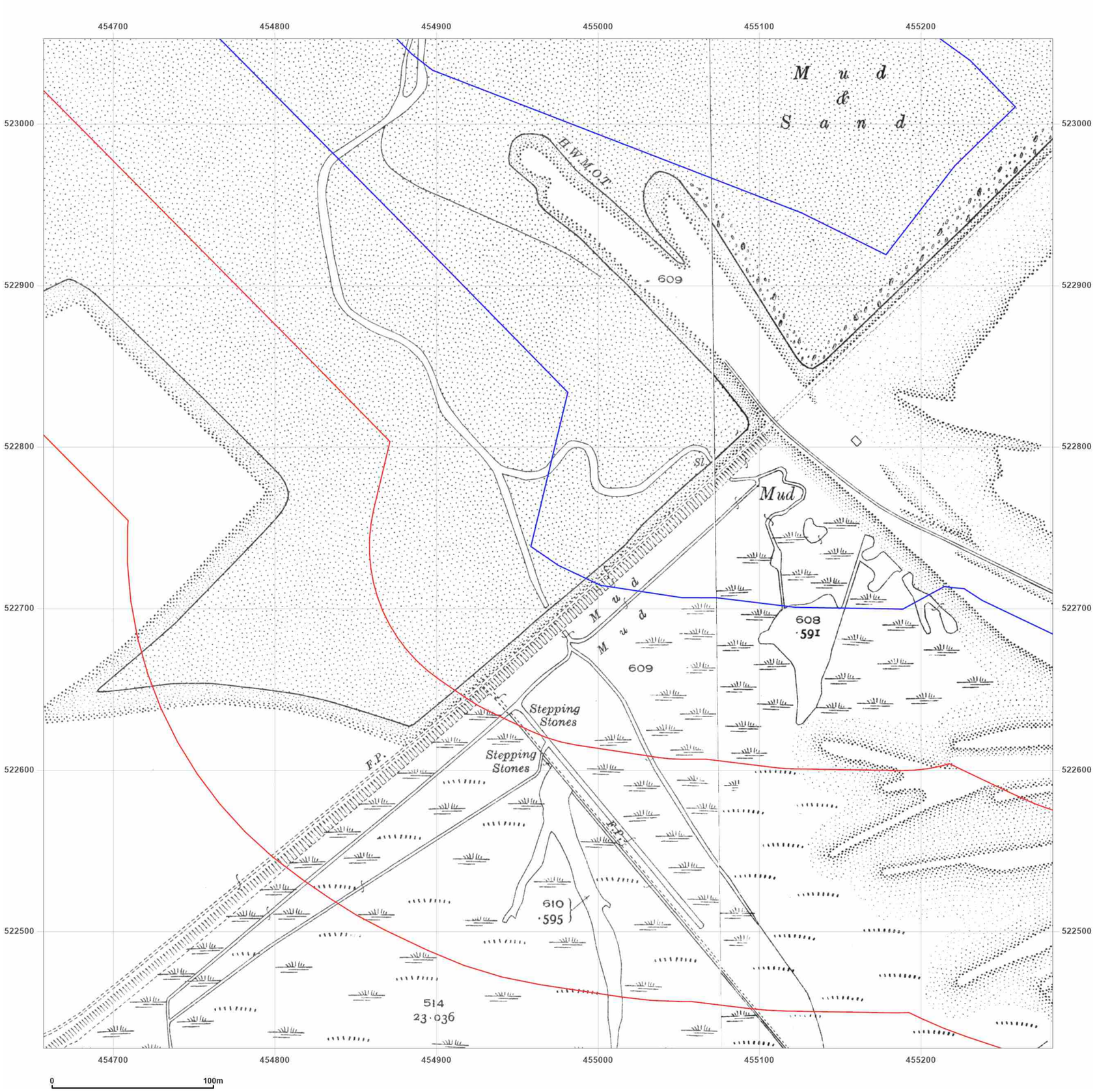
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

Map Name: County Series

Map date: **1927-1929**

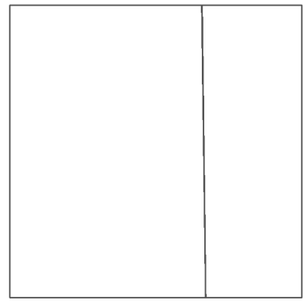
Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1927
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A



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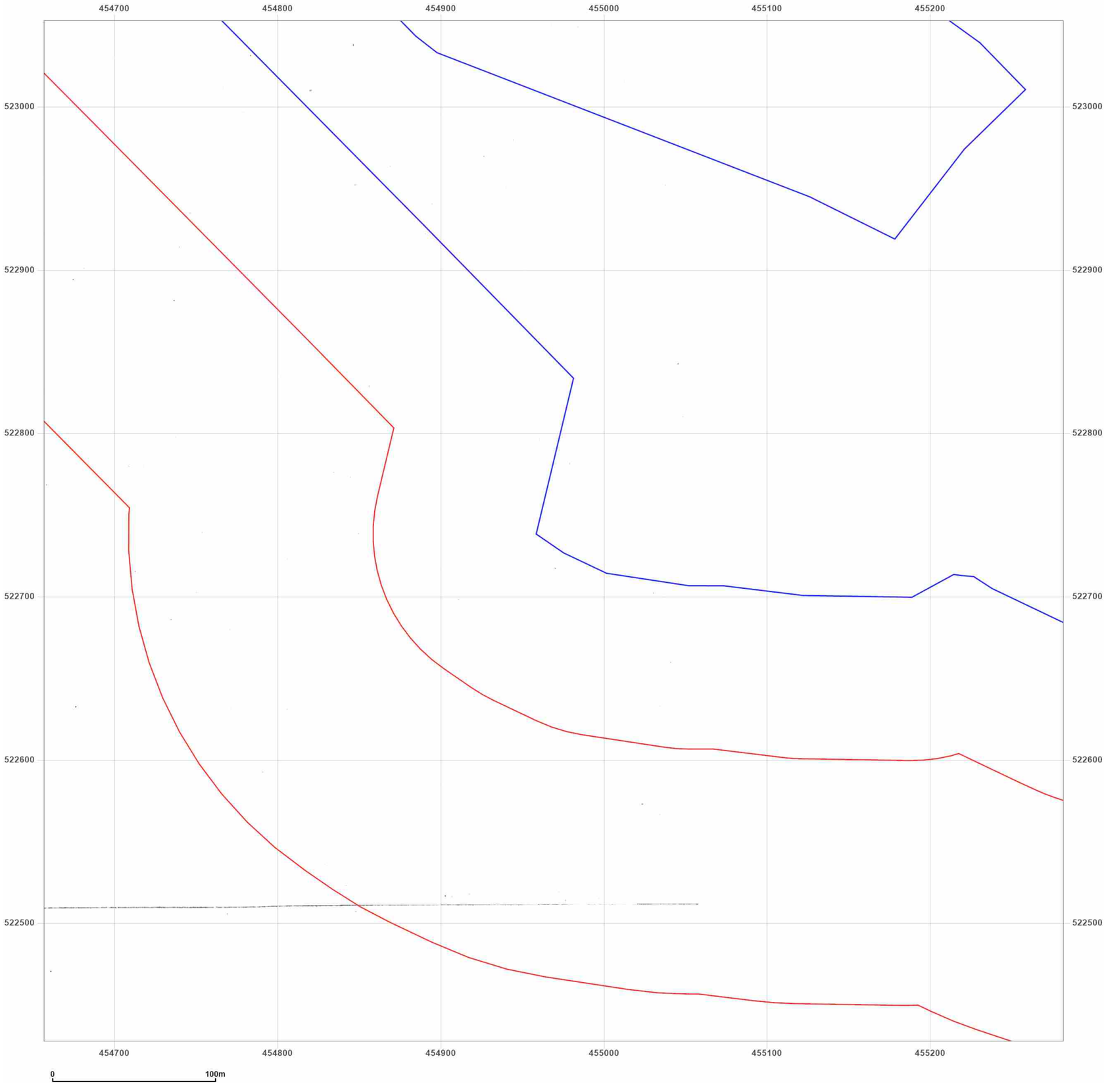
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

Map Name: County Series

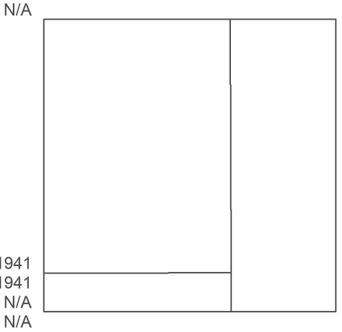
Map date: **1940-1941**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1941
Revised 1941
Edition N/A
Copyright N/A
Levelled N/A

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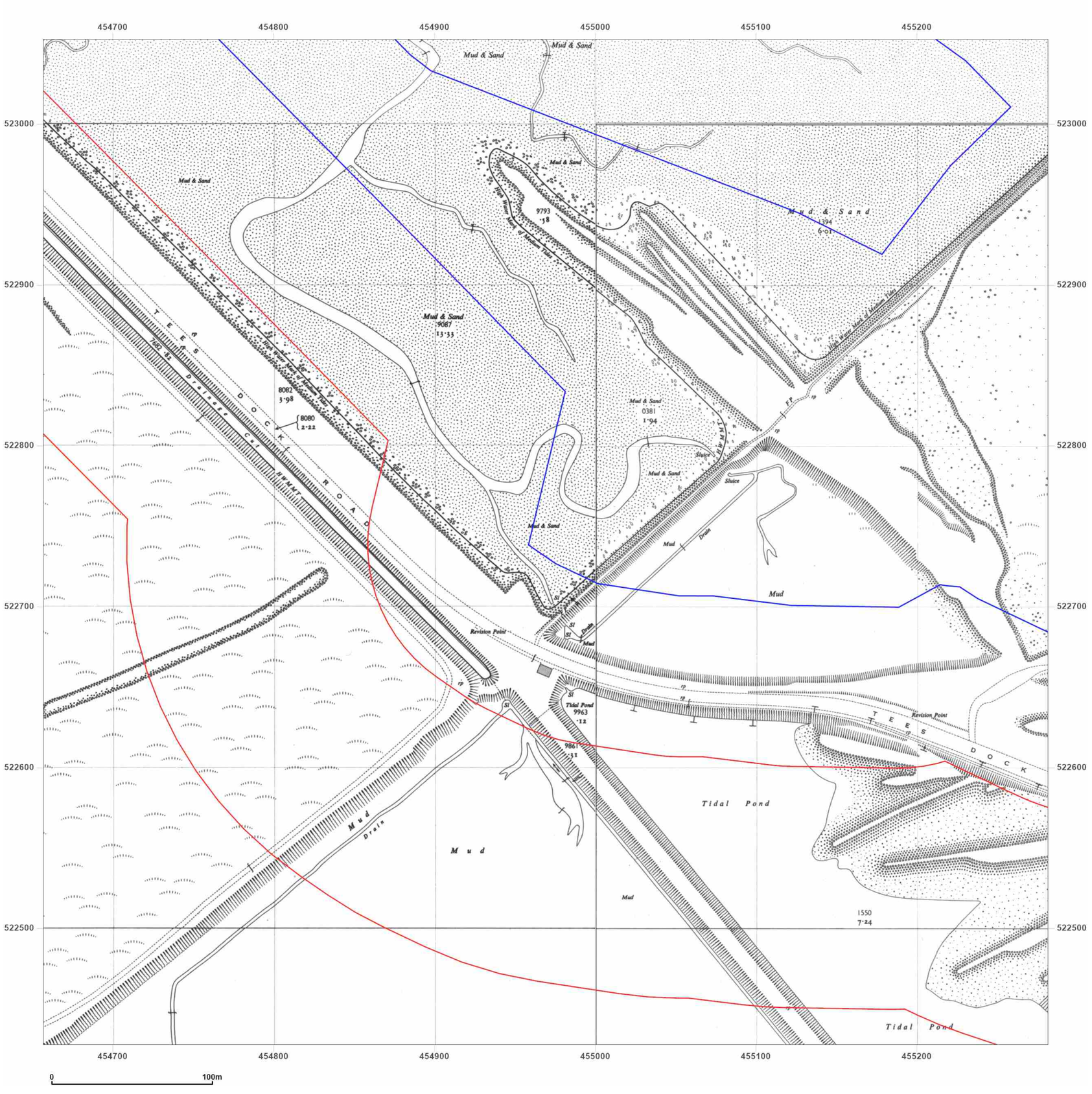
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_1
Grid Ref: 454969, 522740

Map Name: National Grid

Map date: **1954-1955**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

Surveyed 1952
Revised 1952
Edition 1955
Copyright N/A
Levelled 1948

Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

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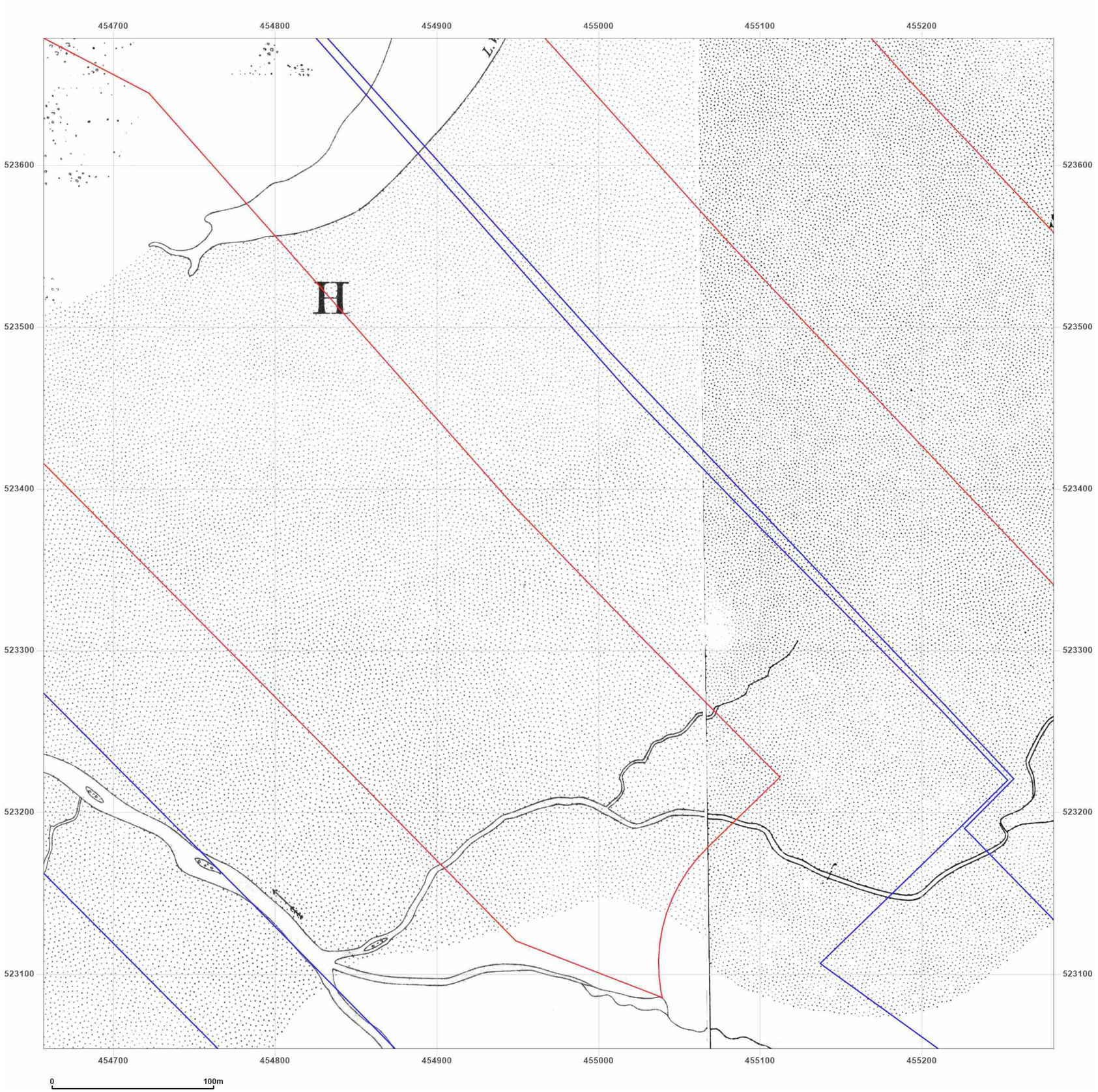
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_2
Grid Ref: 454969, 523366

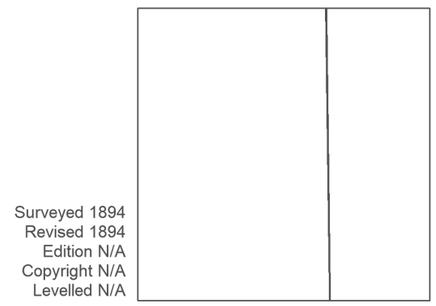
Map Name: County Series

Map date: **1893-1894**

Scale: 1:2,500

Printed at: 1:2,500

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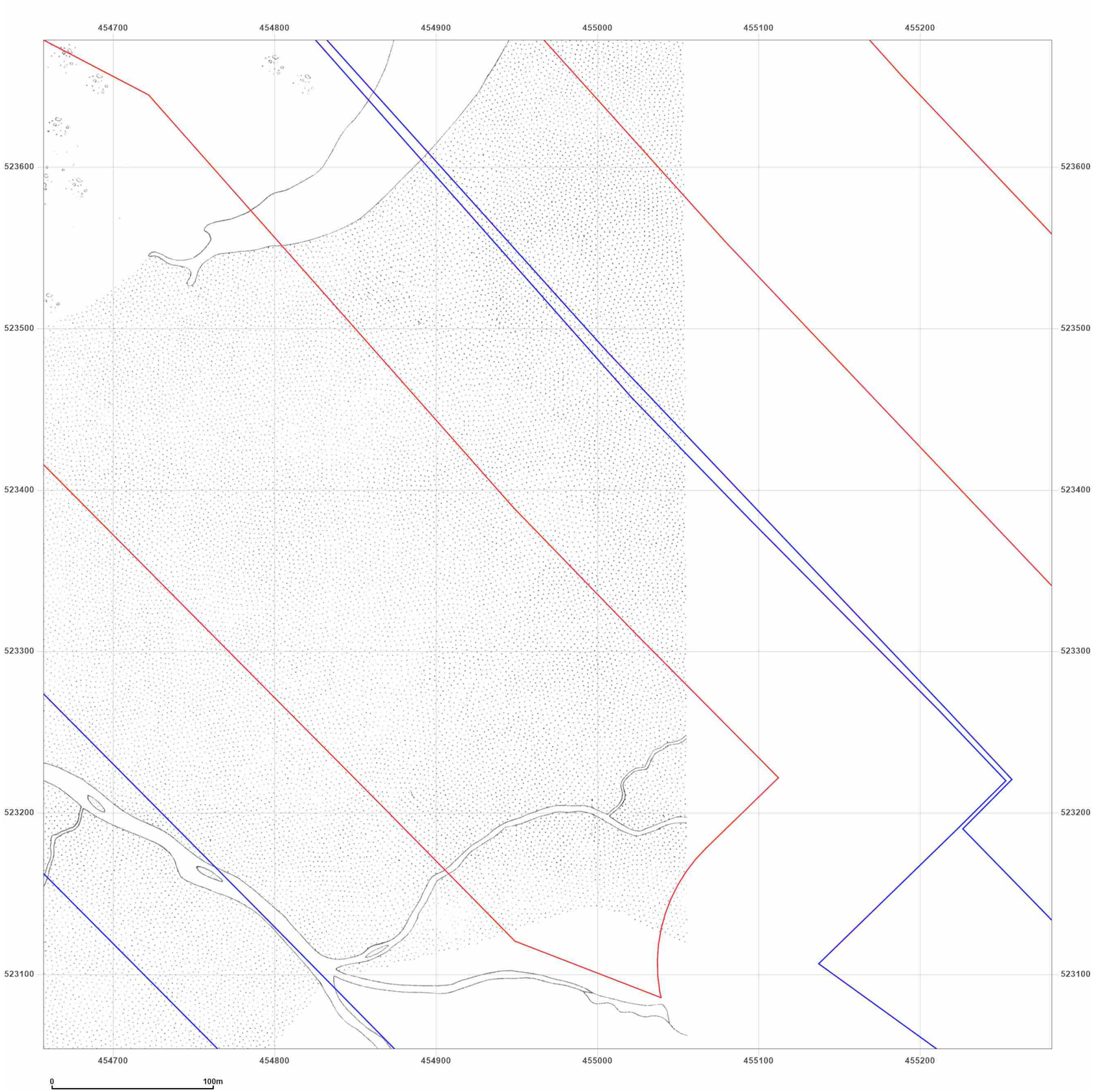
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_2
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1898**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1898
Revised 1898
Edition N/A
Copyright N/A
Levelled N/A

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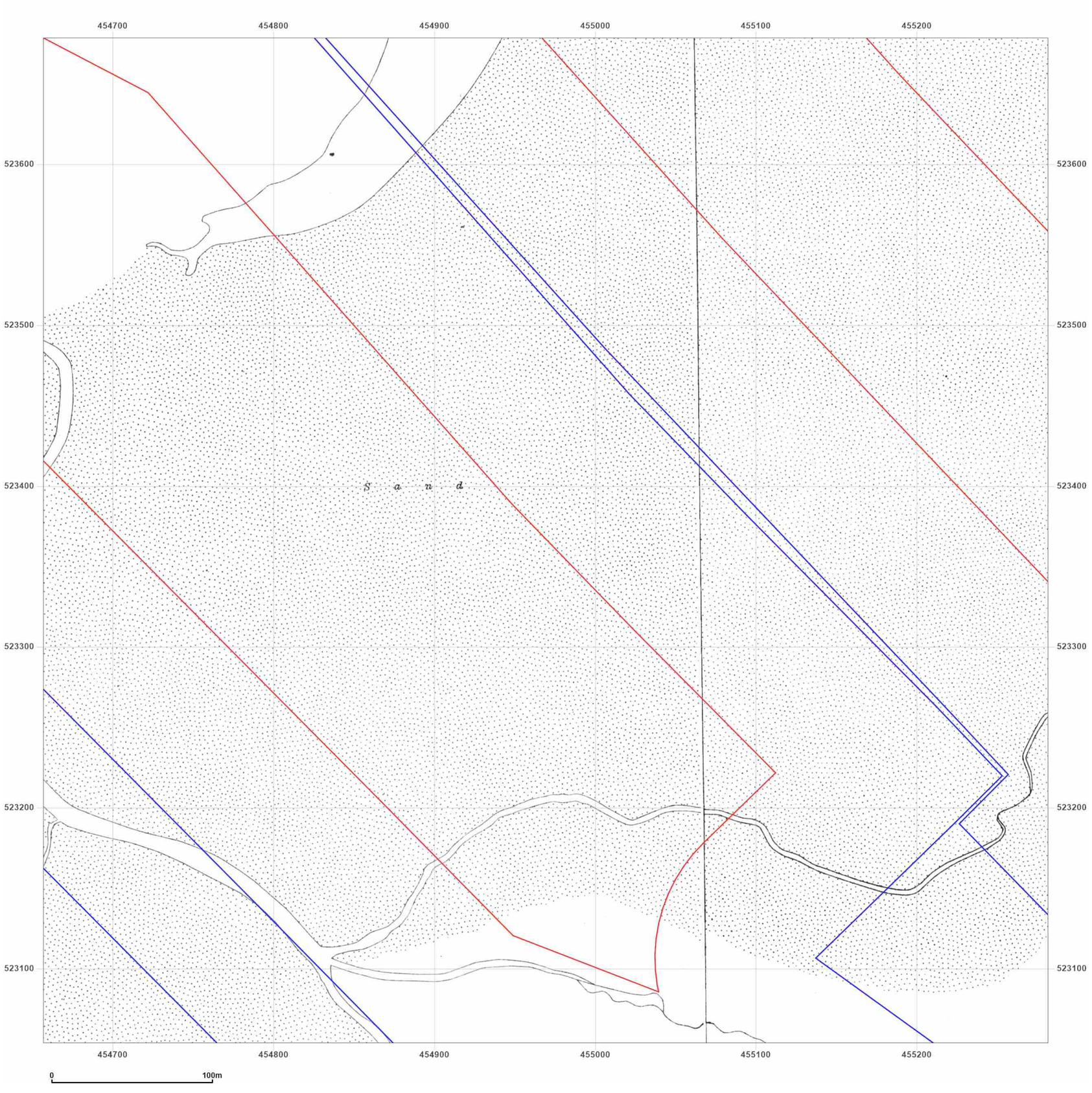
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Grid Ref: 454969, 523366

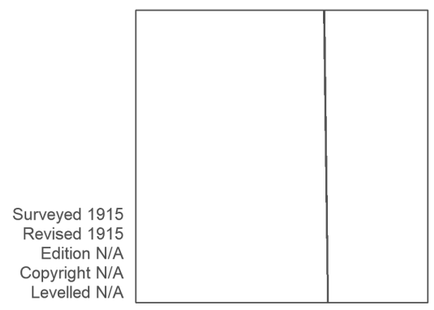
Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

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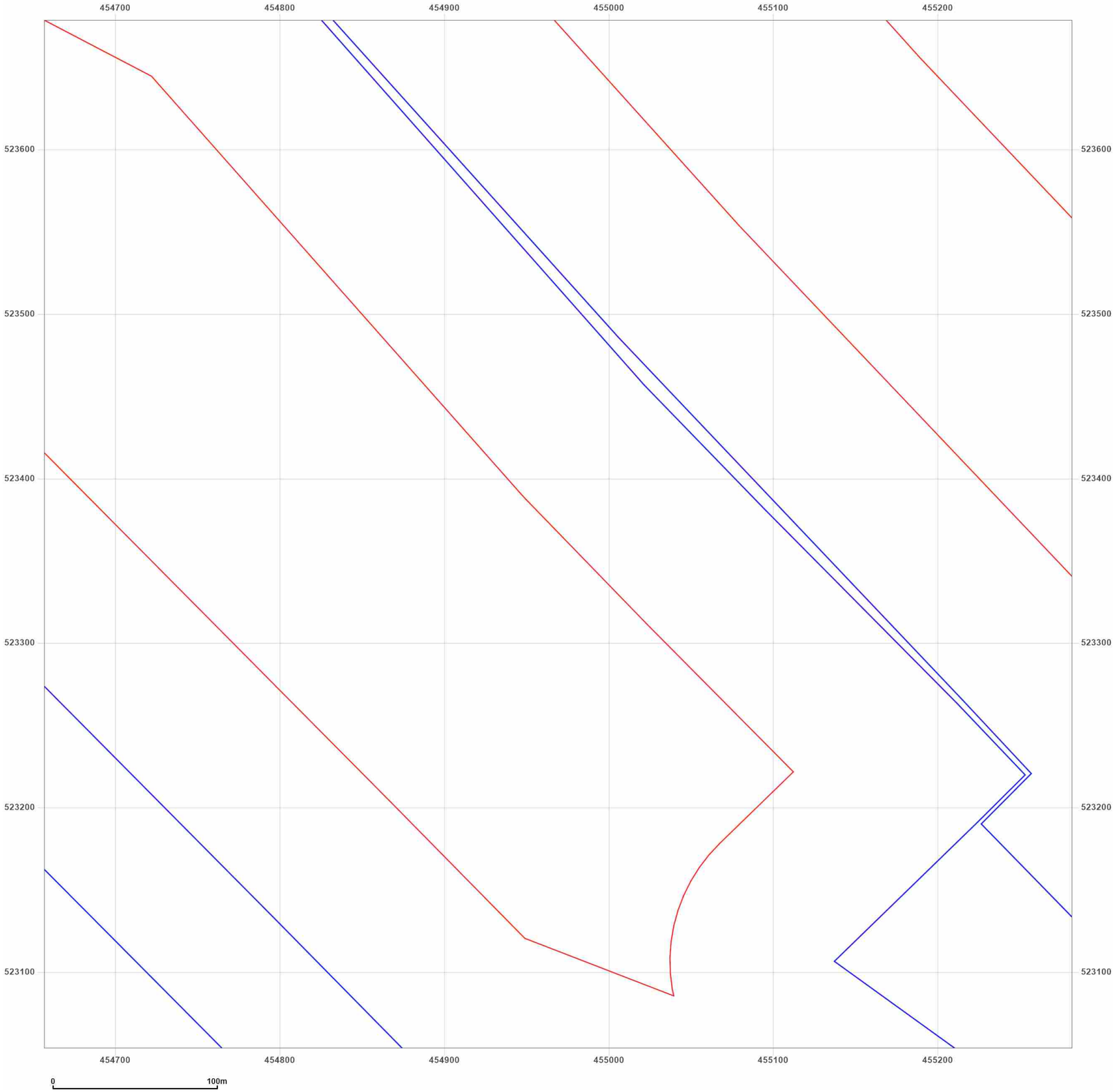
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Site Details:

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Report Ref: EMS-988829_1252673_LS_2_2
Grid Ref: 454969, 523366

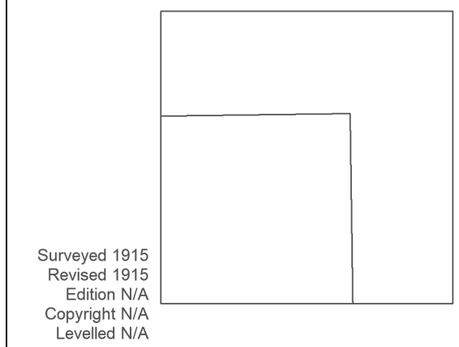
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Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

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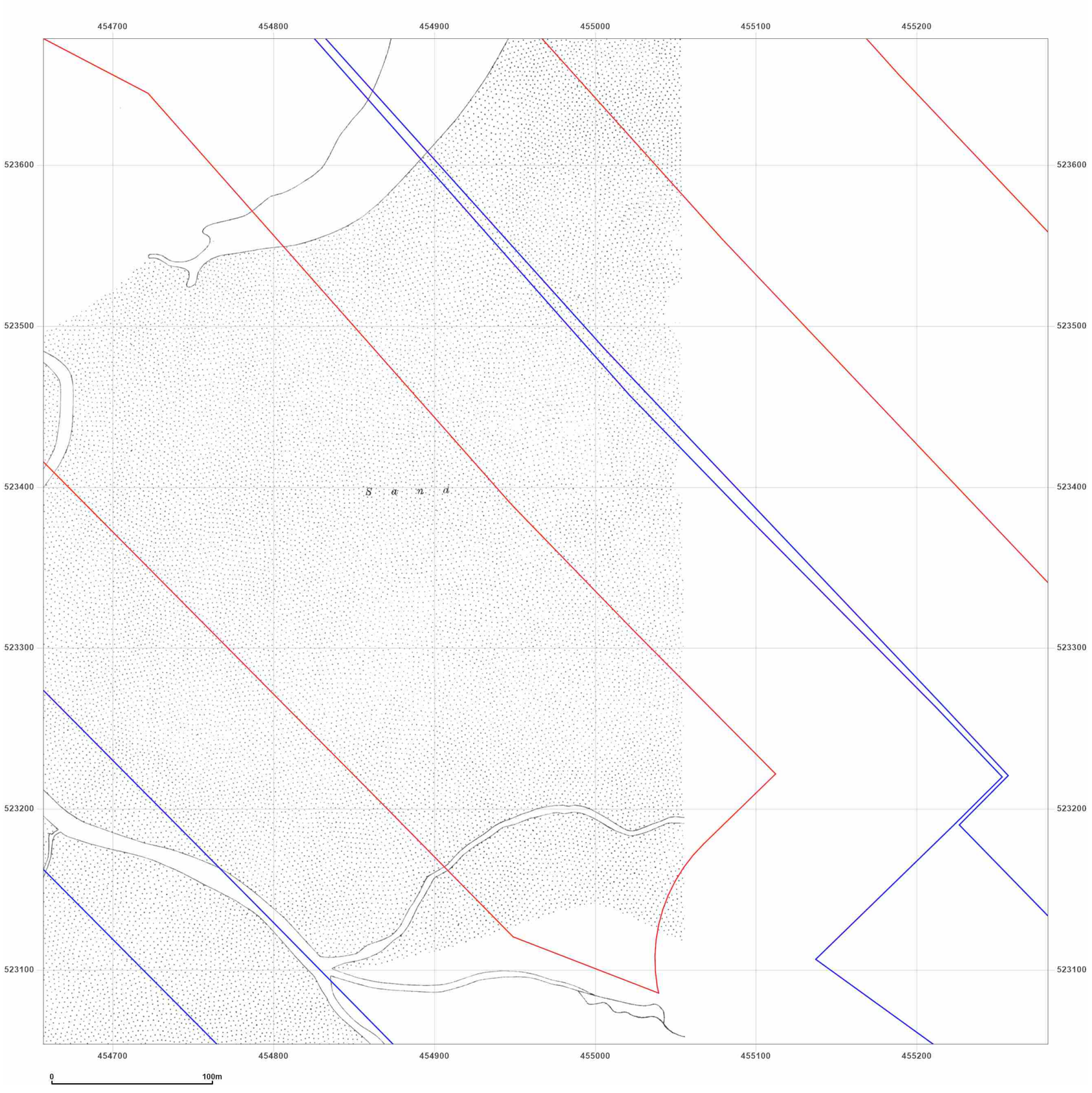
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_2
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1917**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1917
Revised 1917
Edition N/A
Copyright N/A
Levelled N/A

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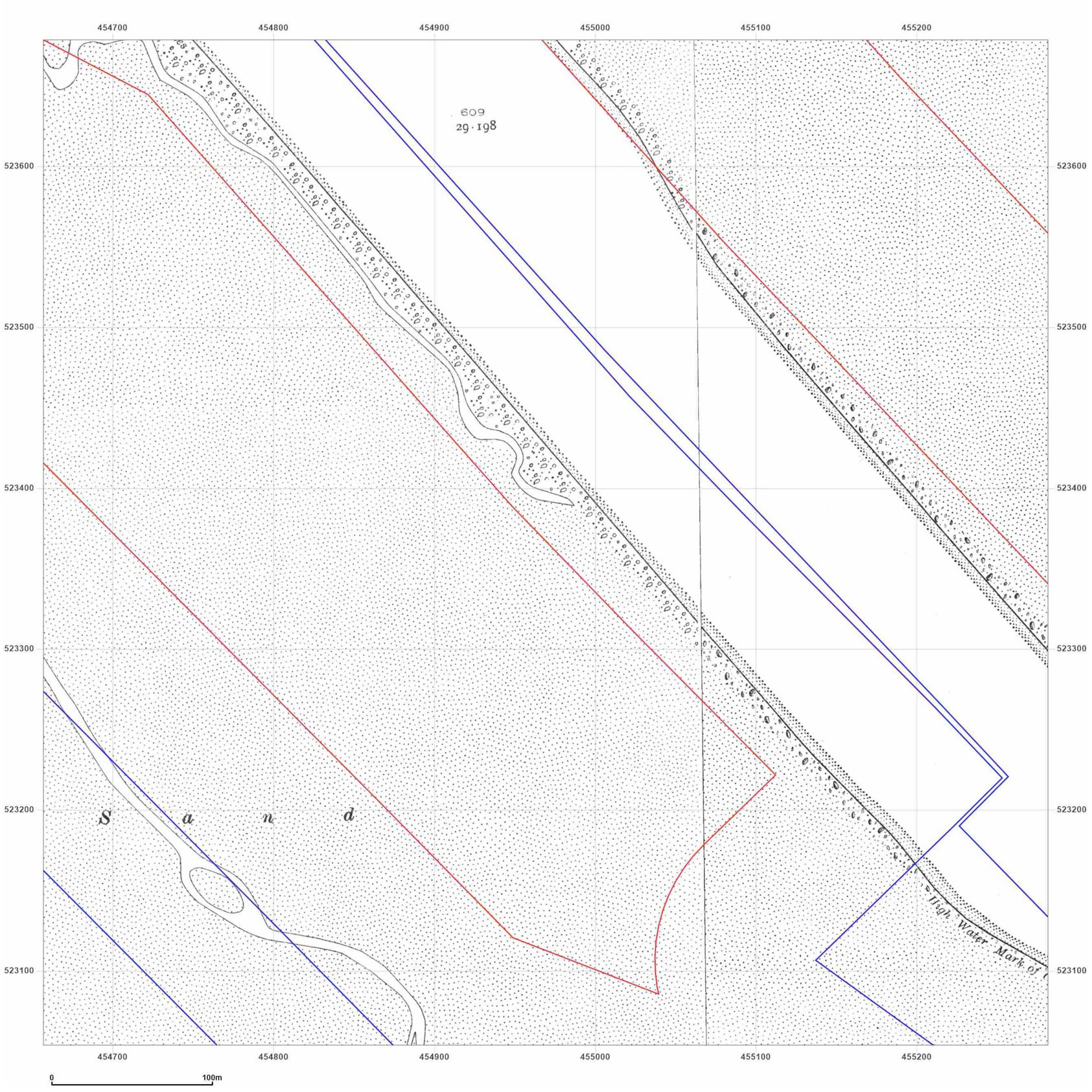
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_2
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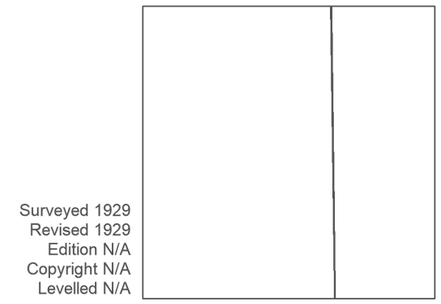
Map Name: County Series

Map date: **1927-1929**

Scale: 1:2,500

Printed at: 1:2,500

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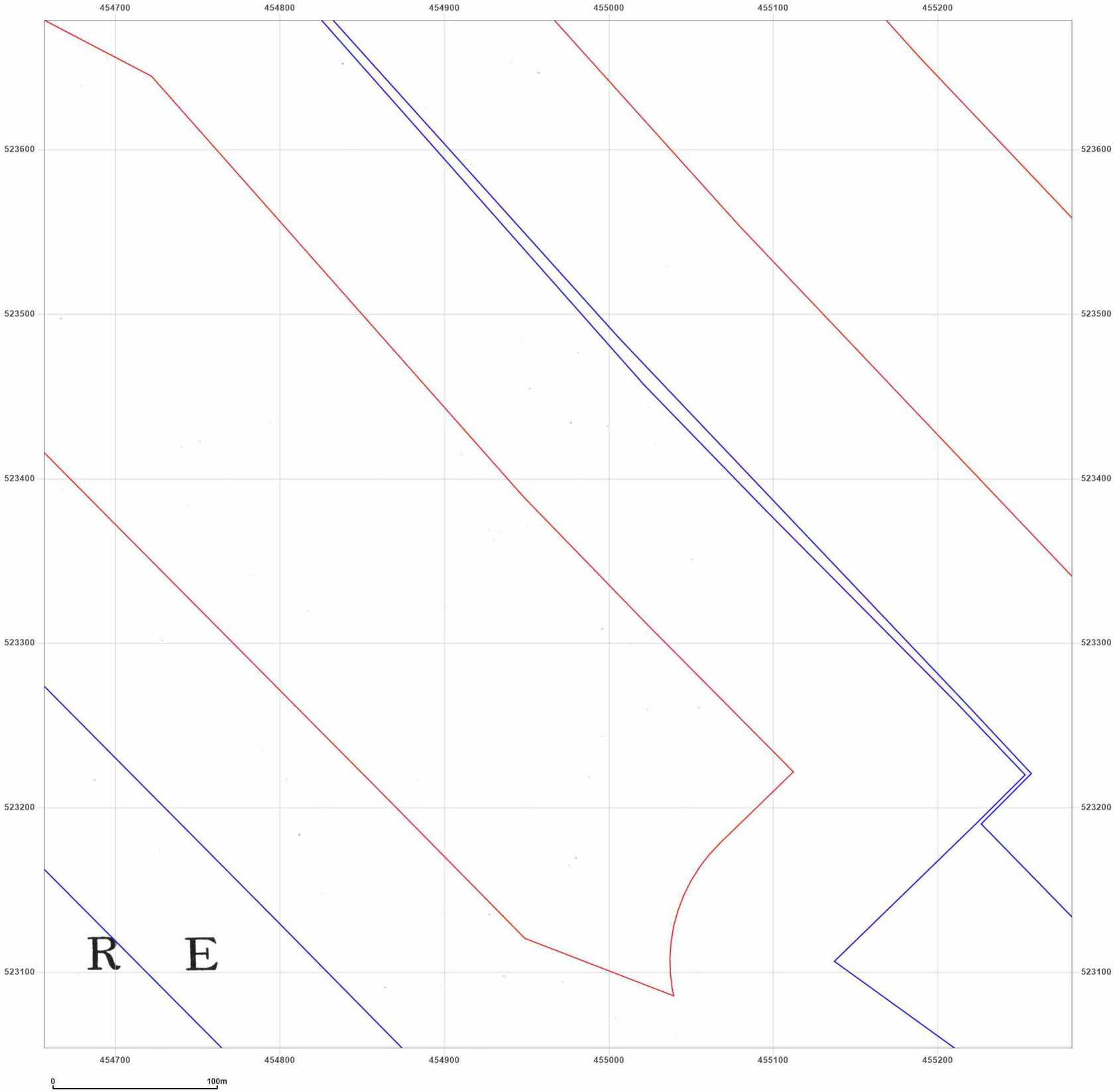
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Production date: 03 December 2024

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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_2
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1940**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

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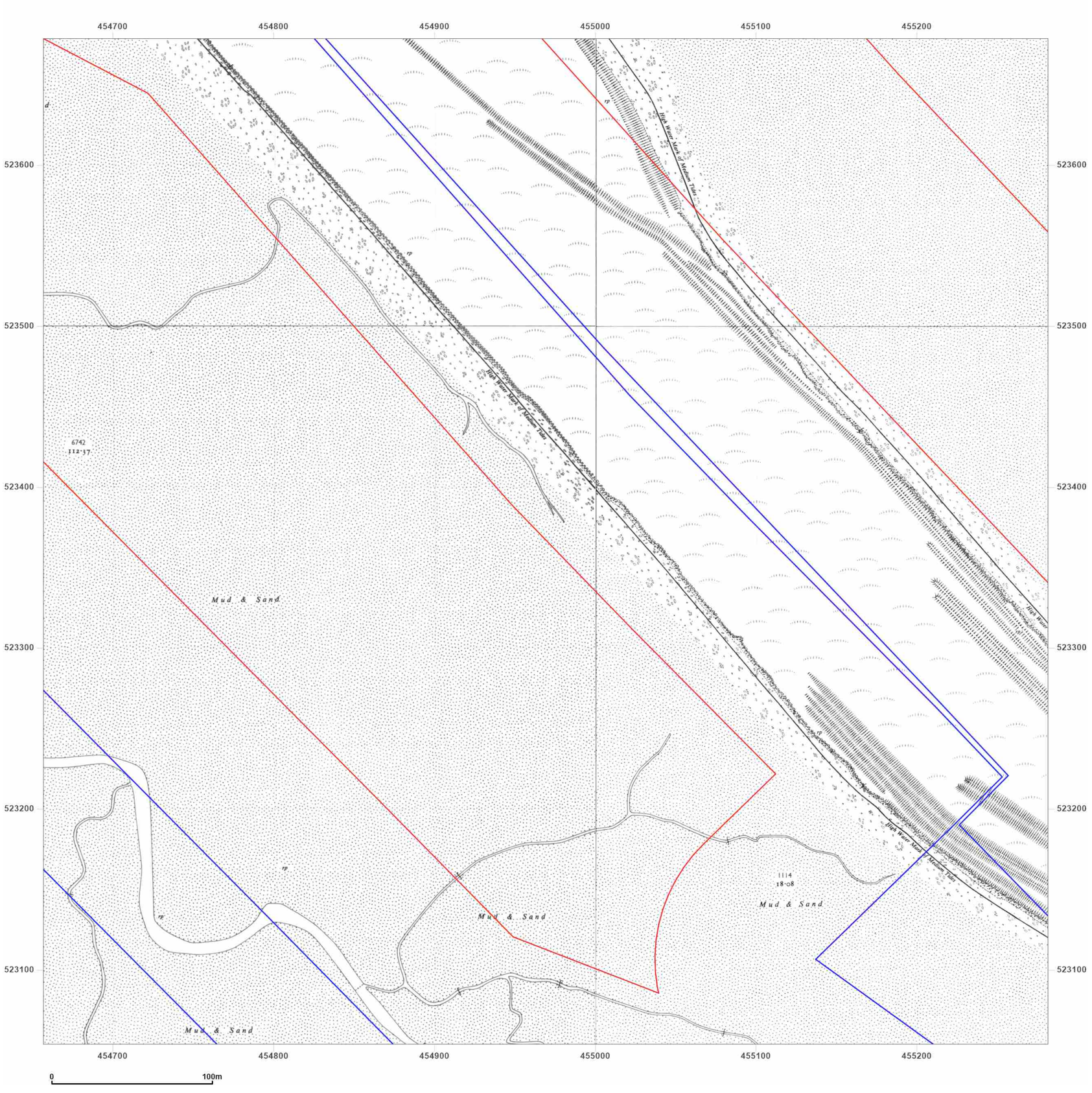
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_2
Grid Ref: 454969, 523366

Map Name: National Grid

Map date: **1954-1955**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

Surveyed 1952
Revised 1952
Edition 1955
Copyright N/A
Levelled 1948

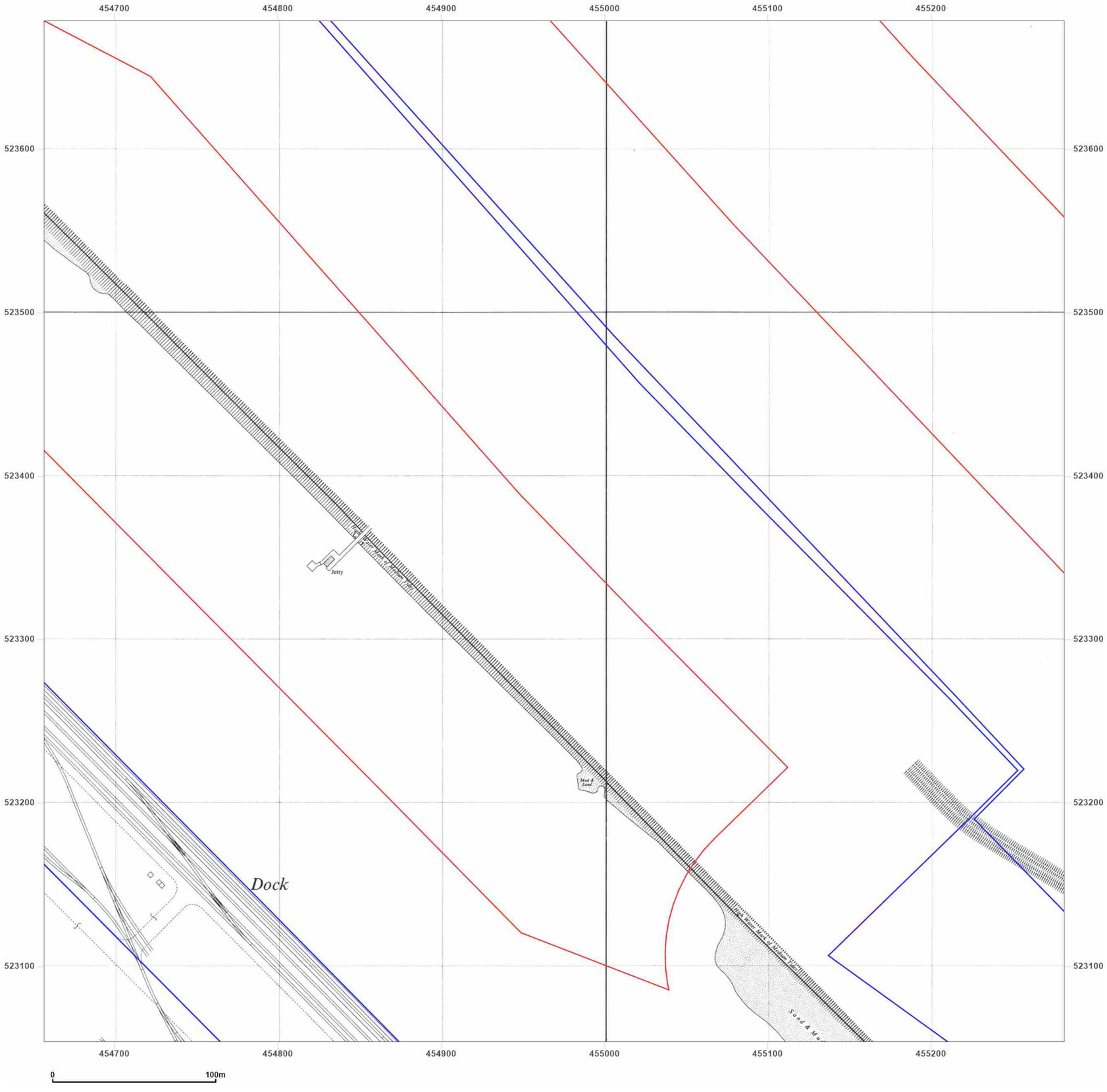
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_2
Grid Ref: 454969, 523366

Map Name: National Grid

Map date: **1965**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1963
Revised 1963
Edition 1965
Copyright 1965
Levelled 1959

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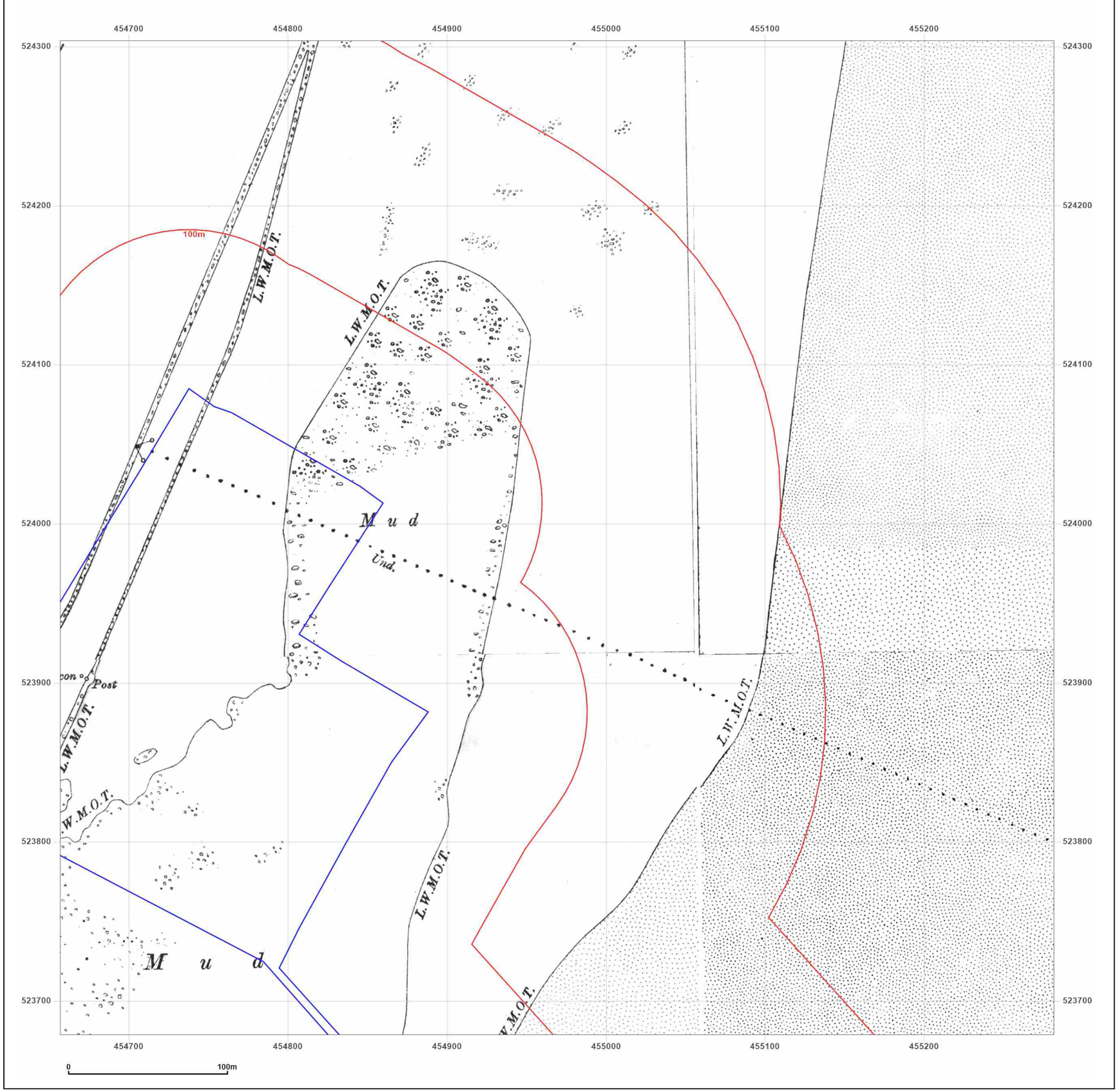
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Production date: 03 December 2024

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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: County Series
Map date: **1893-1894**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1893
Revised 1893
Edition N/A
Copyright N/A
Levelled N/A

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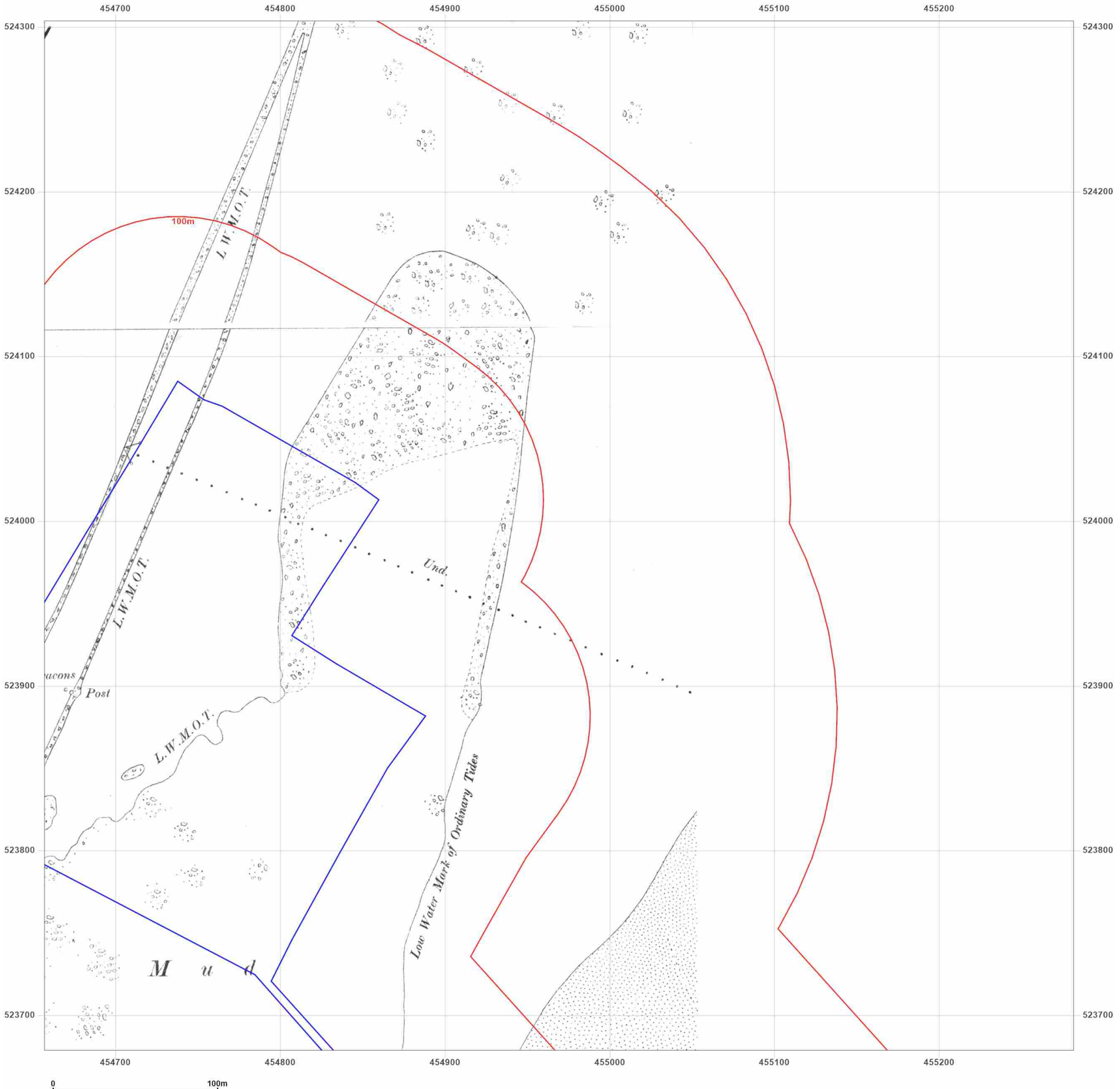
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EMAPSITE™

Site Details:

unspecified

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Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: County Series

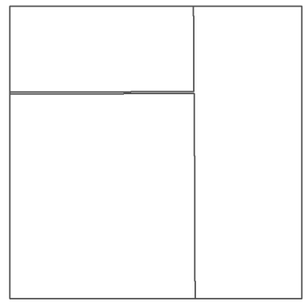
Map date: **1897-1898**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1897
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1898
Revised 1898
Edition N/A
Copyright N/A
Levelled N/A

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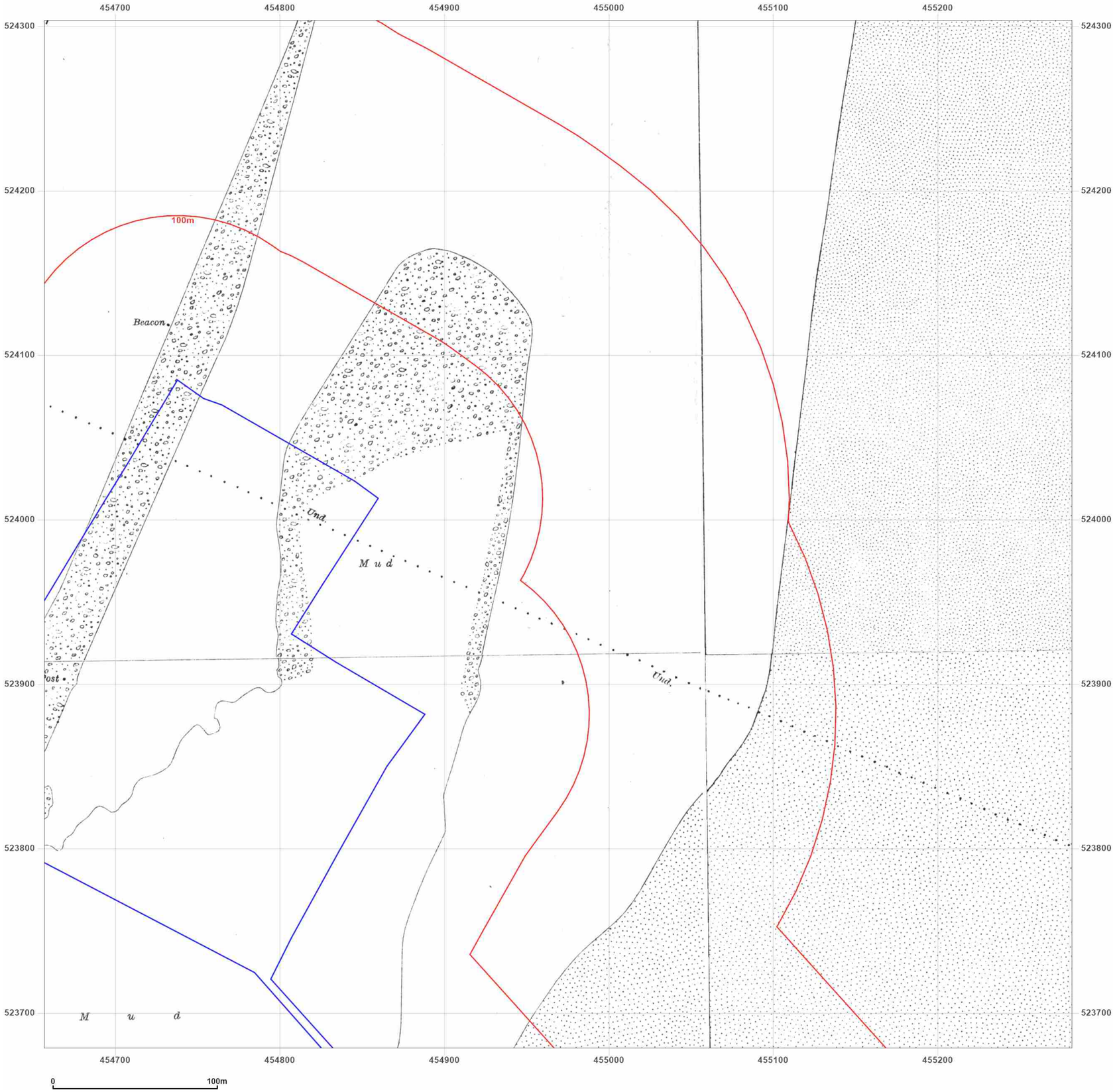
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: County Series

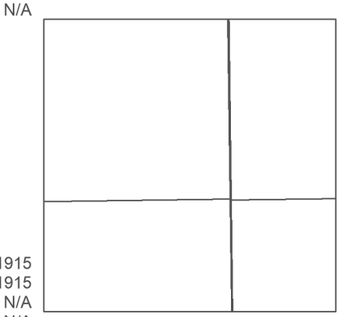
Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

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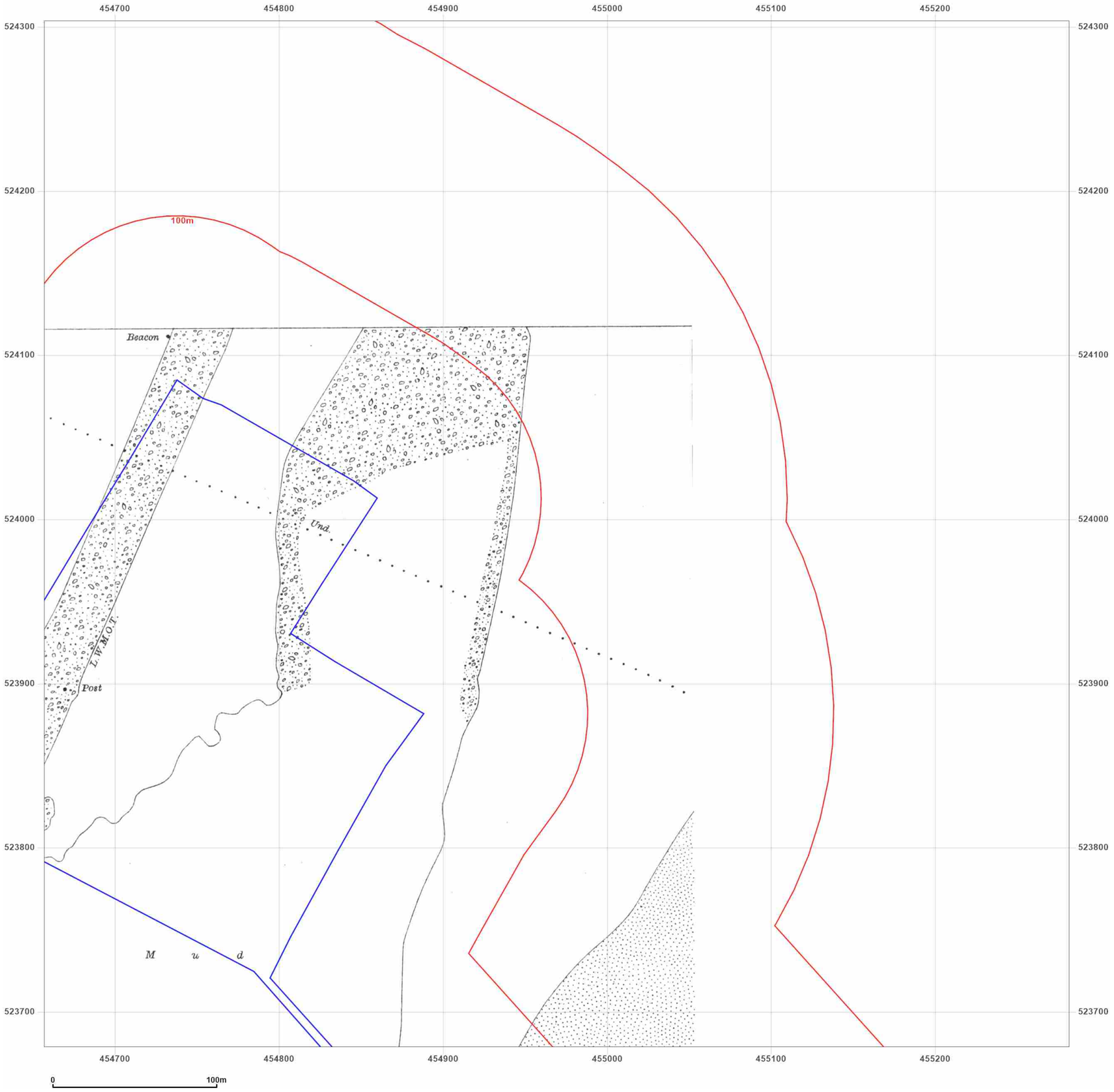
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

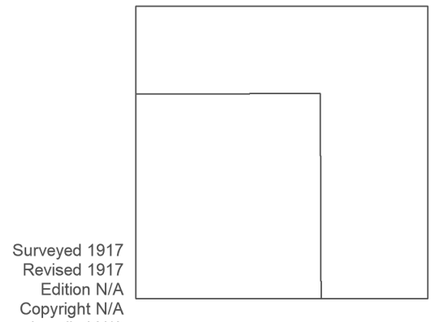
Map Name: County Series

Map date: **1917**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Surveyed 1917
Revised 1917
Edition N/A
Copyright N/A
Levelled N/A

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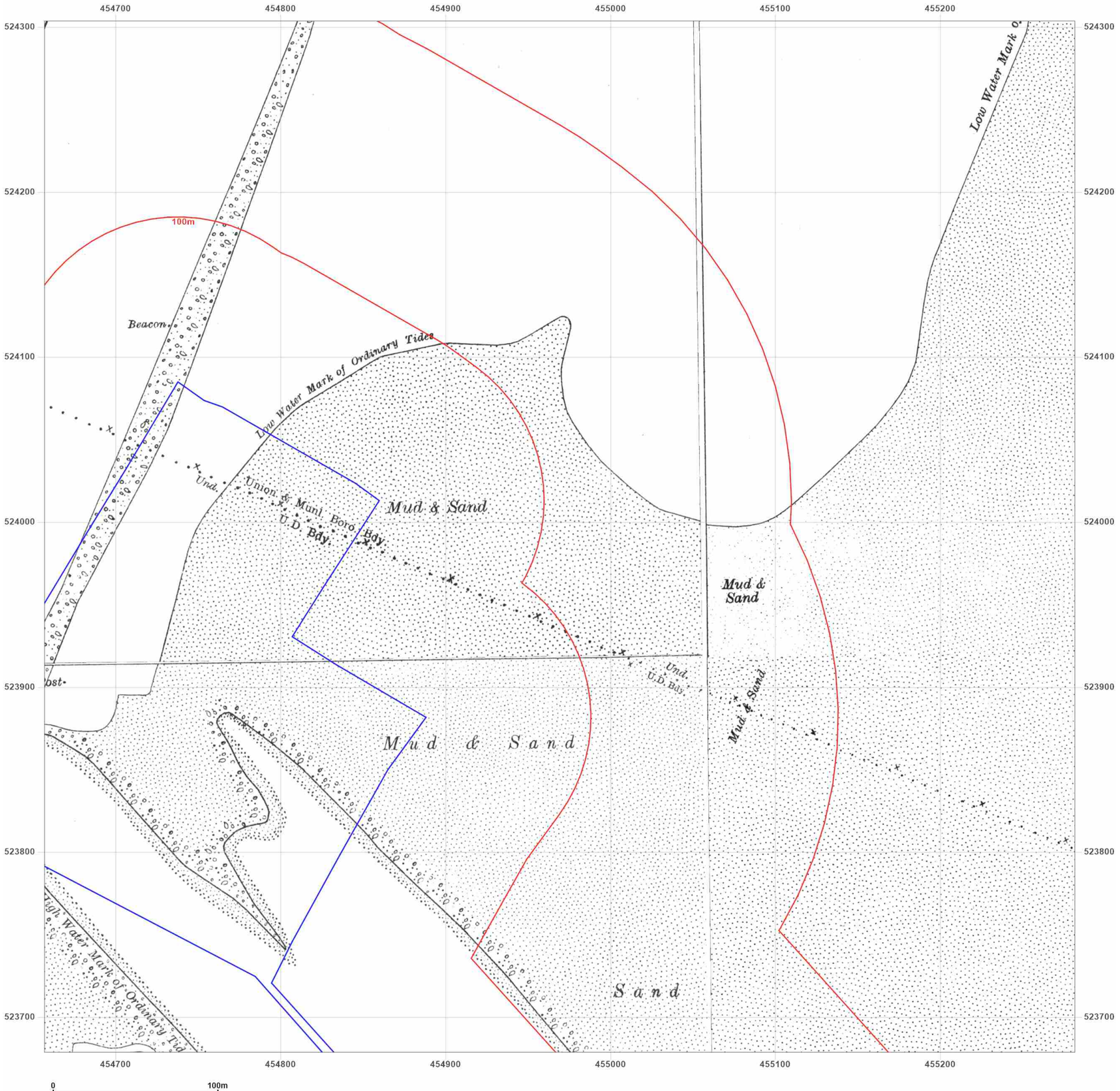
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: County Series

Map date: **1927-1929**

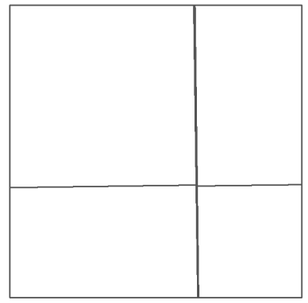
Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1929
Revised 1929
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1927
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A

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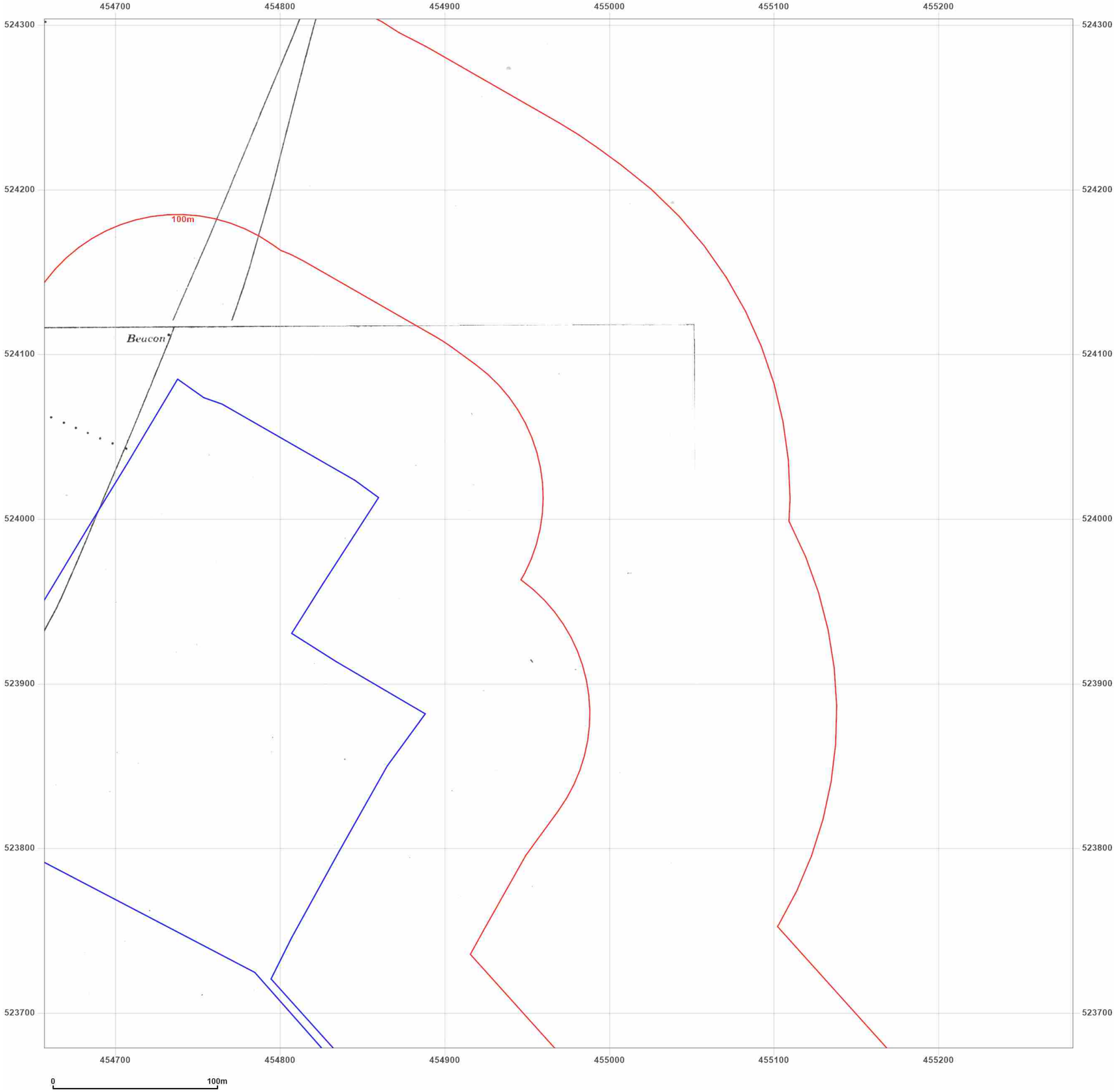
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Site Details:

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Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: County Series

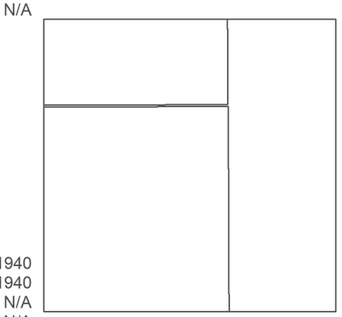
Map date: **1939-1940**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1939
Revised 1939
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

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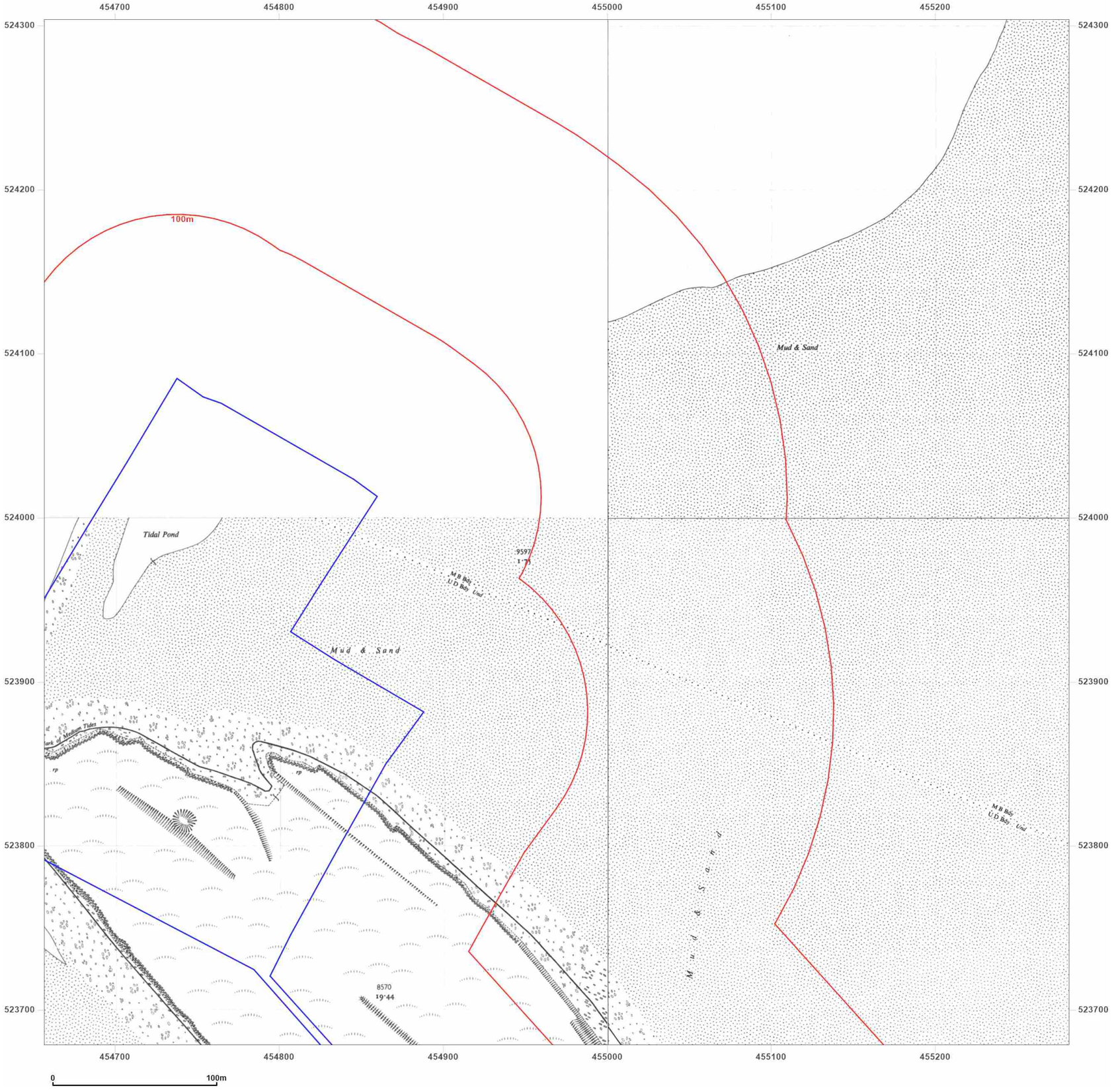
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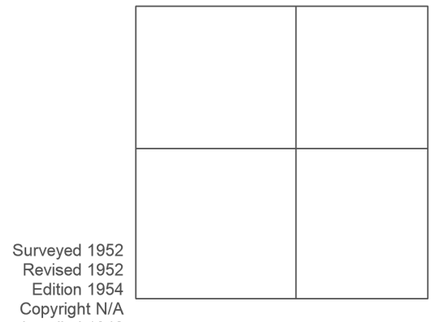
Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: National Grid
Map date: **1952-1955**
Scale: 1:2,500
Printed at: 1:2,500

N
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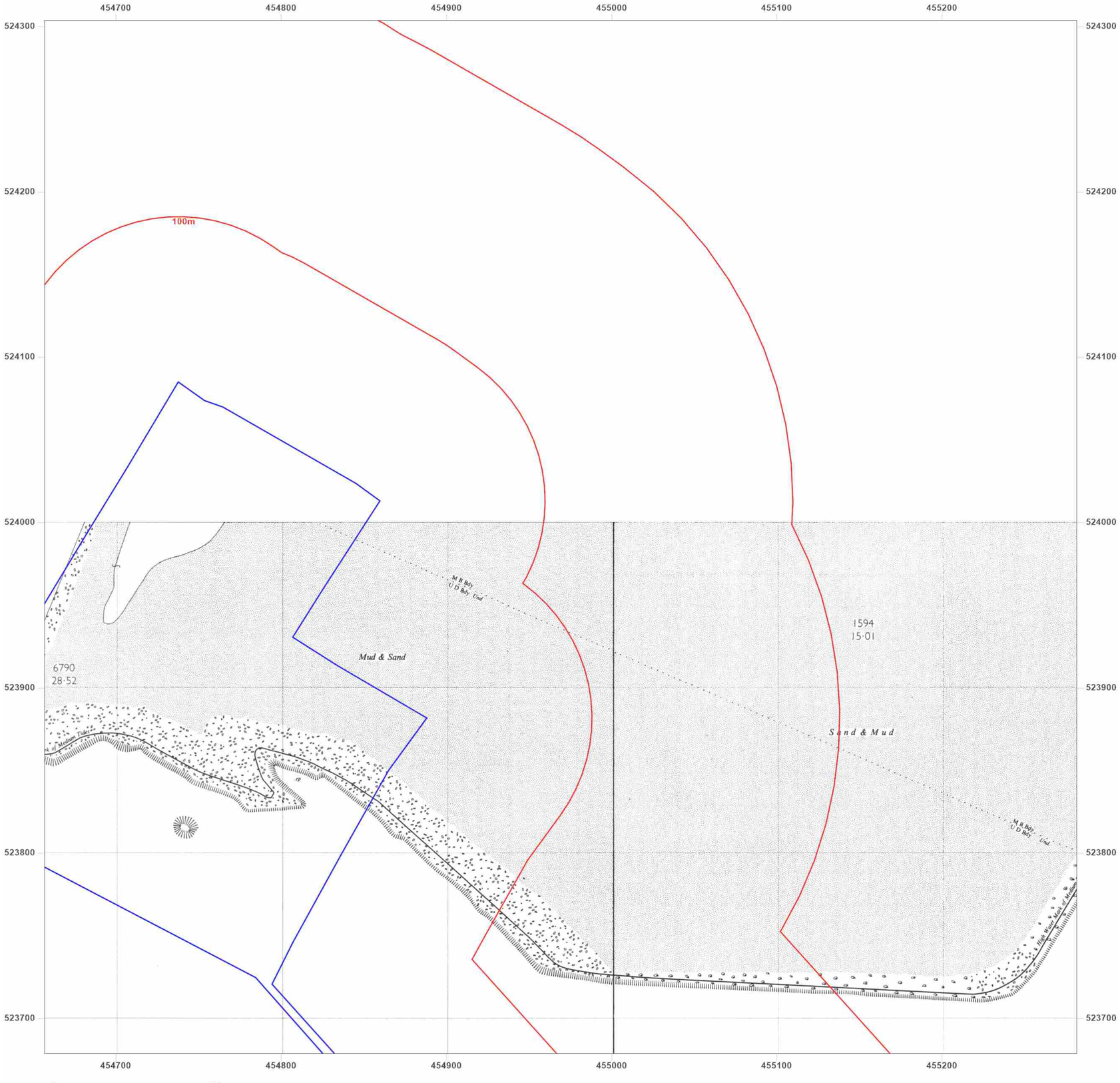
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: National Grid

Map date: **1965**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1963
Revised 1963
Edition 1965
Copyright 1965
Levelled 1959

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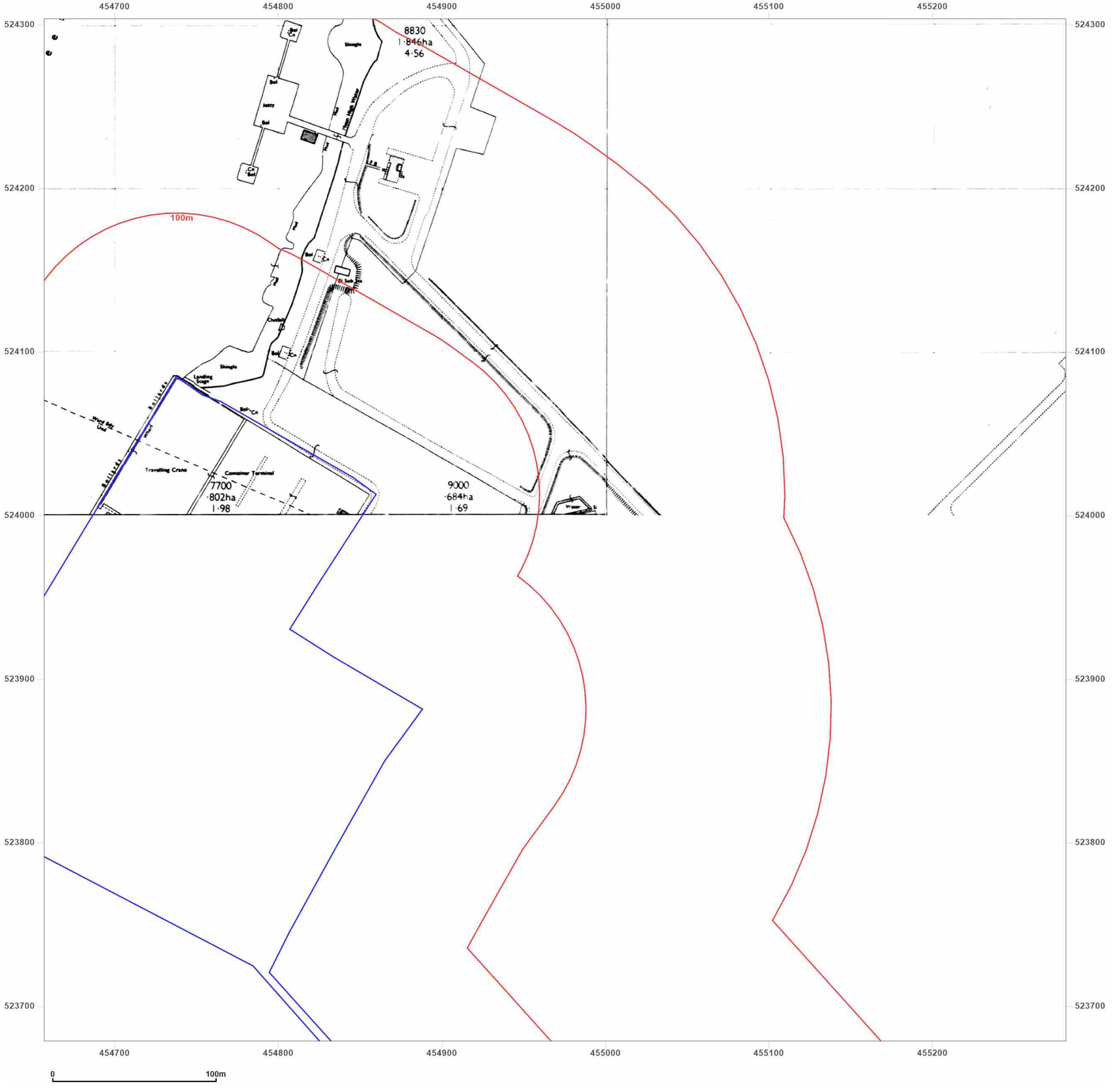
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: National Grid

Map date: **1971**

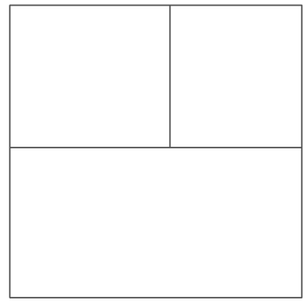
Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A



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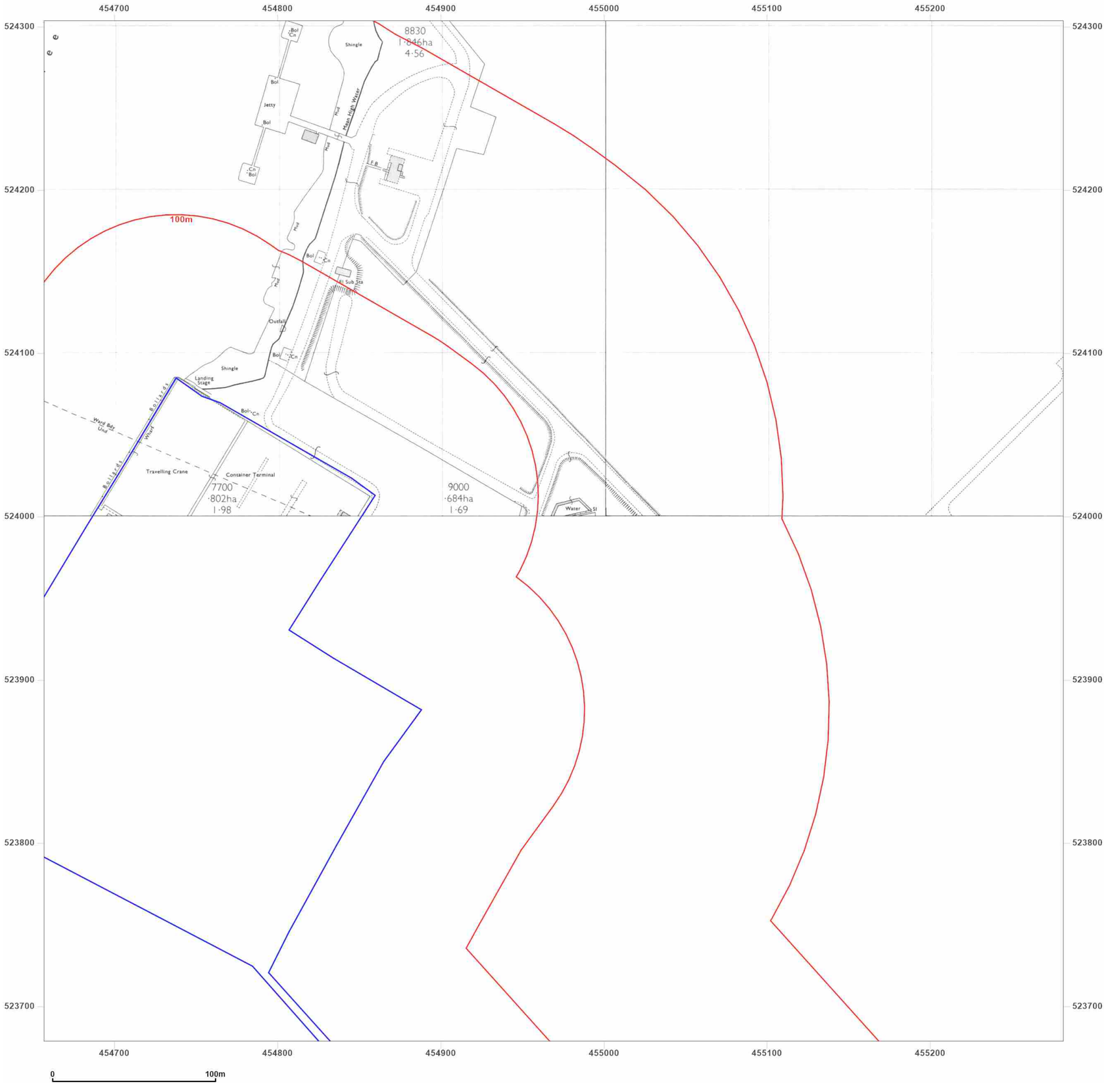
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_2_3
Grid Ref: 454969, 523991

Map Name: National Grid

Map date: **1971**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1969
Revised 1969
Edition N/A
Copyright 1971
Levelled 1959

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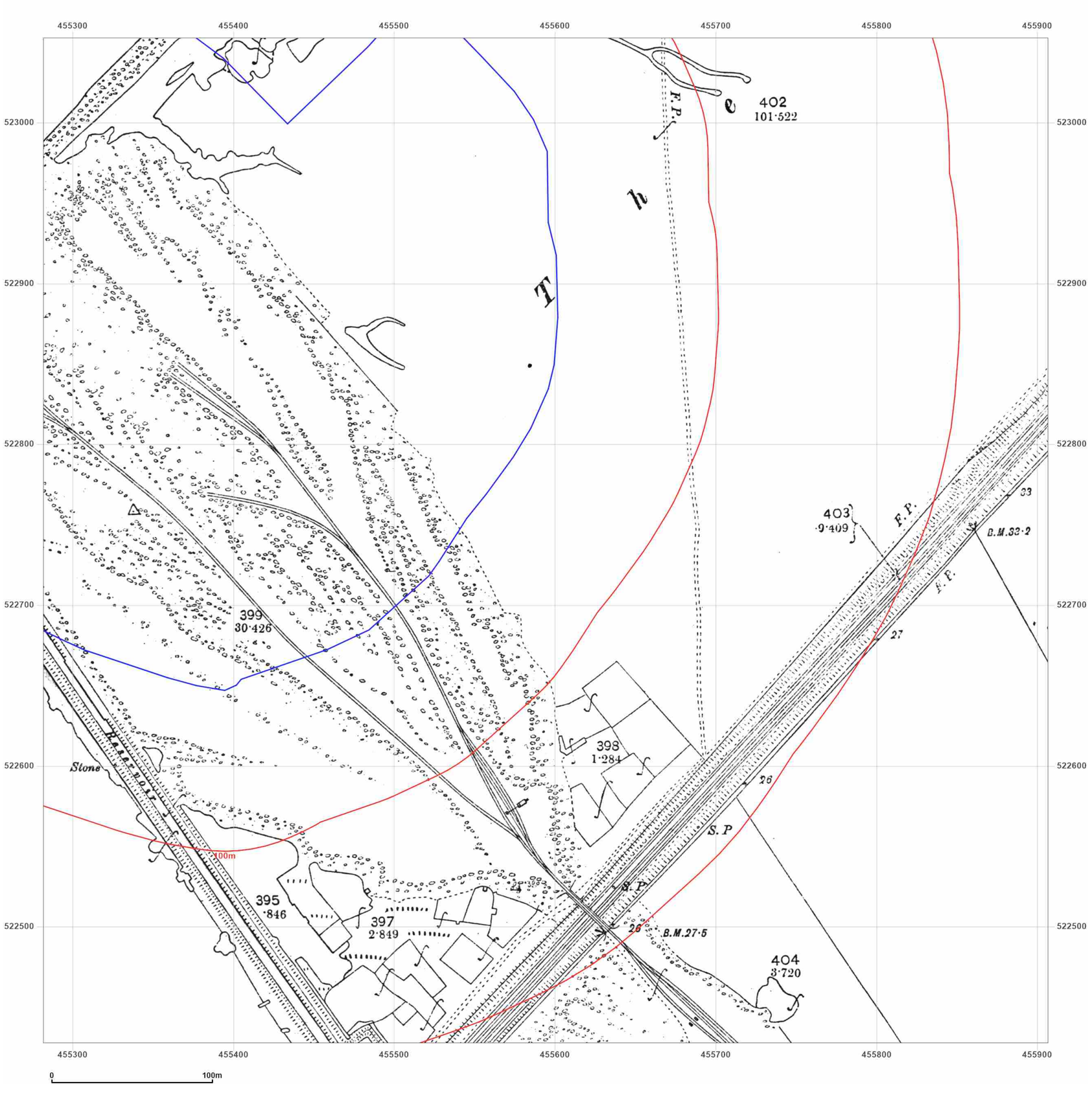
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_1
Grid Ref: 455594, 522740

Map Name: County Series

Map date: **1893**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1893
Revised 1893
Edition N/A
Copyright N/A
Levelled N/A

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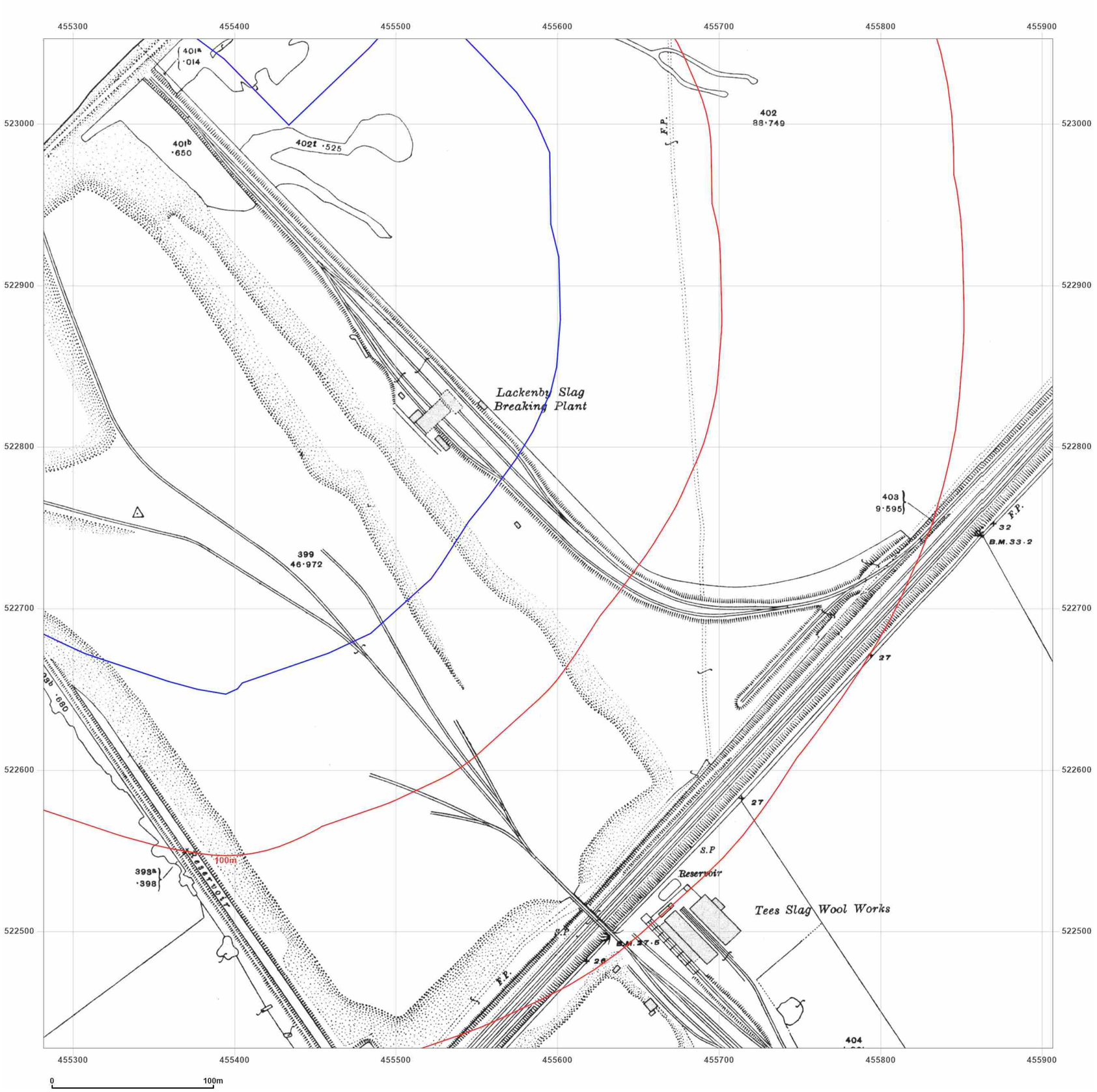
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_1
Grid Ref: 455594, 522740

Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

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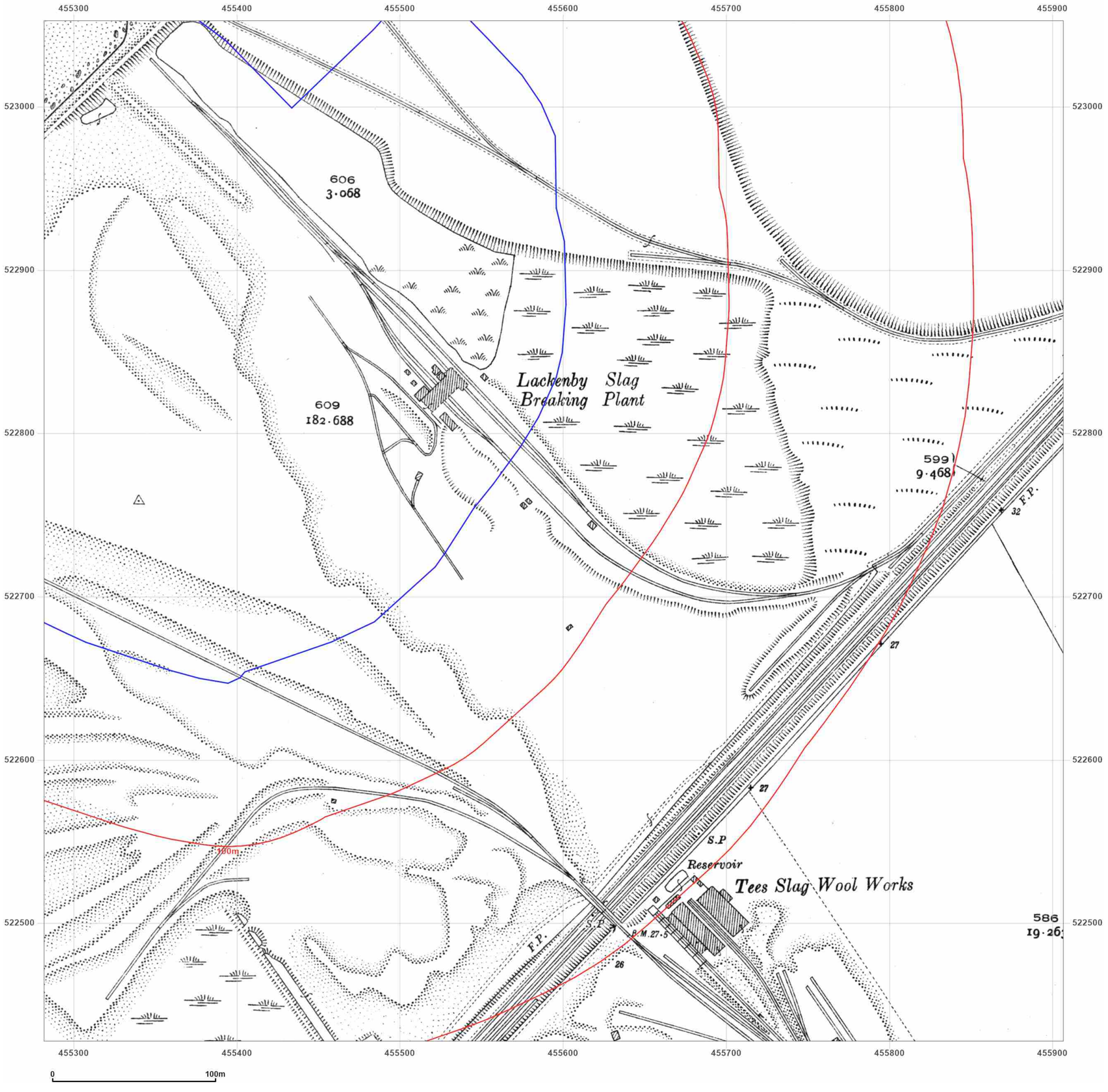
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_1
Grid Ref: 455594, 522740

Map Name: County Series

Map date: **1927**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1927
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A

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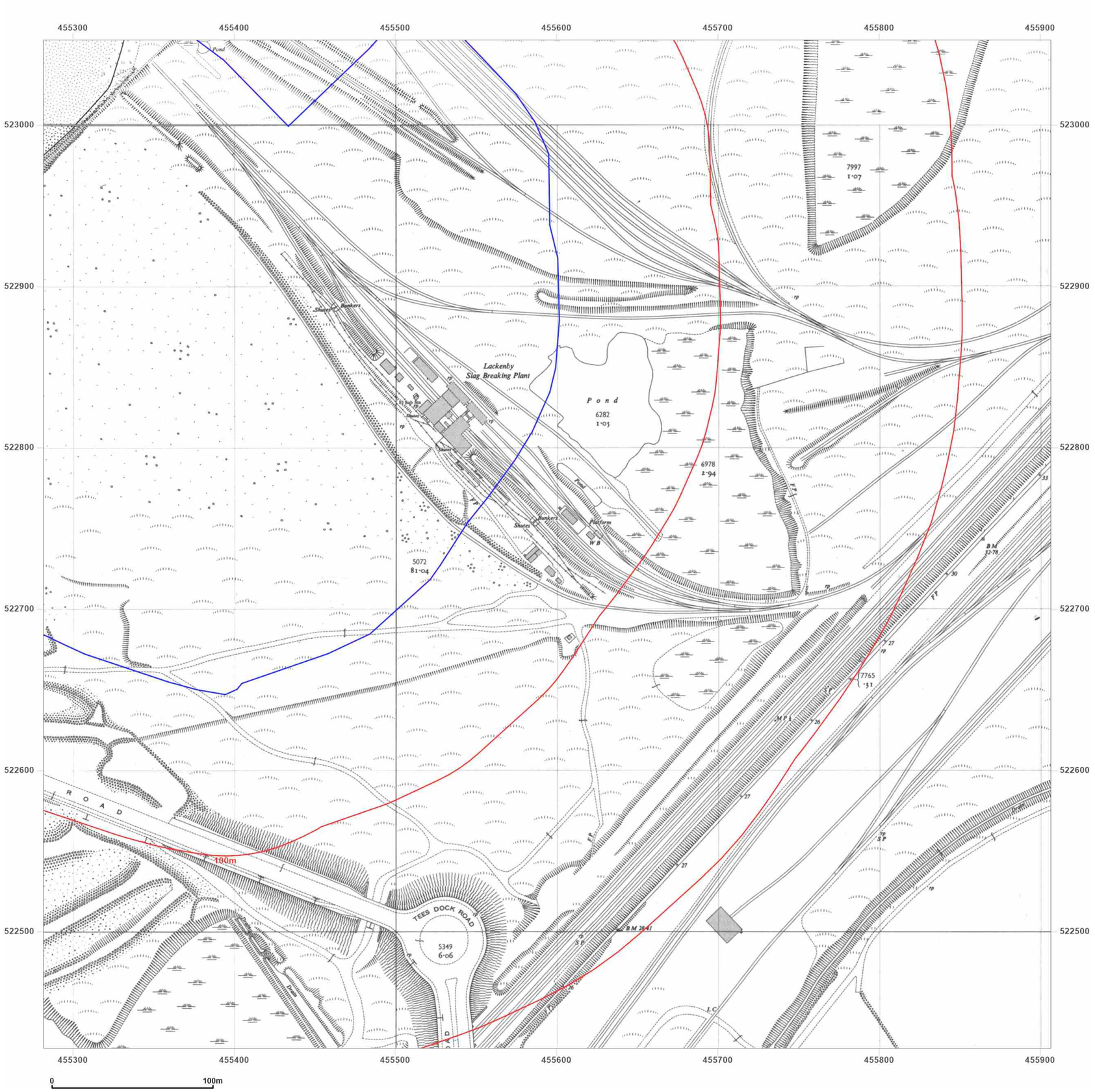
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_1
Grid Ref: 455594, 522740

Map Name: National Grid

Map date: **1954-1955**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1952
Revised 1952
Edition 1955
Copyright N/A
Levelled 1948

Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1948

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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_2
Grid Ref: 455594, 523366

Map Name: County Series

Map date: **1893**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1893
Revised 1893
Edition N/A
Copyright N/A
Levelled N/A

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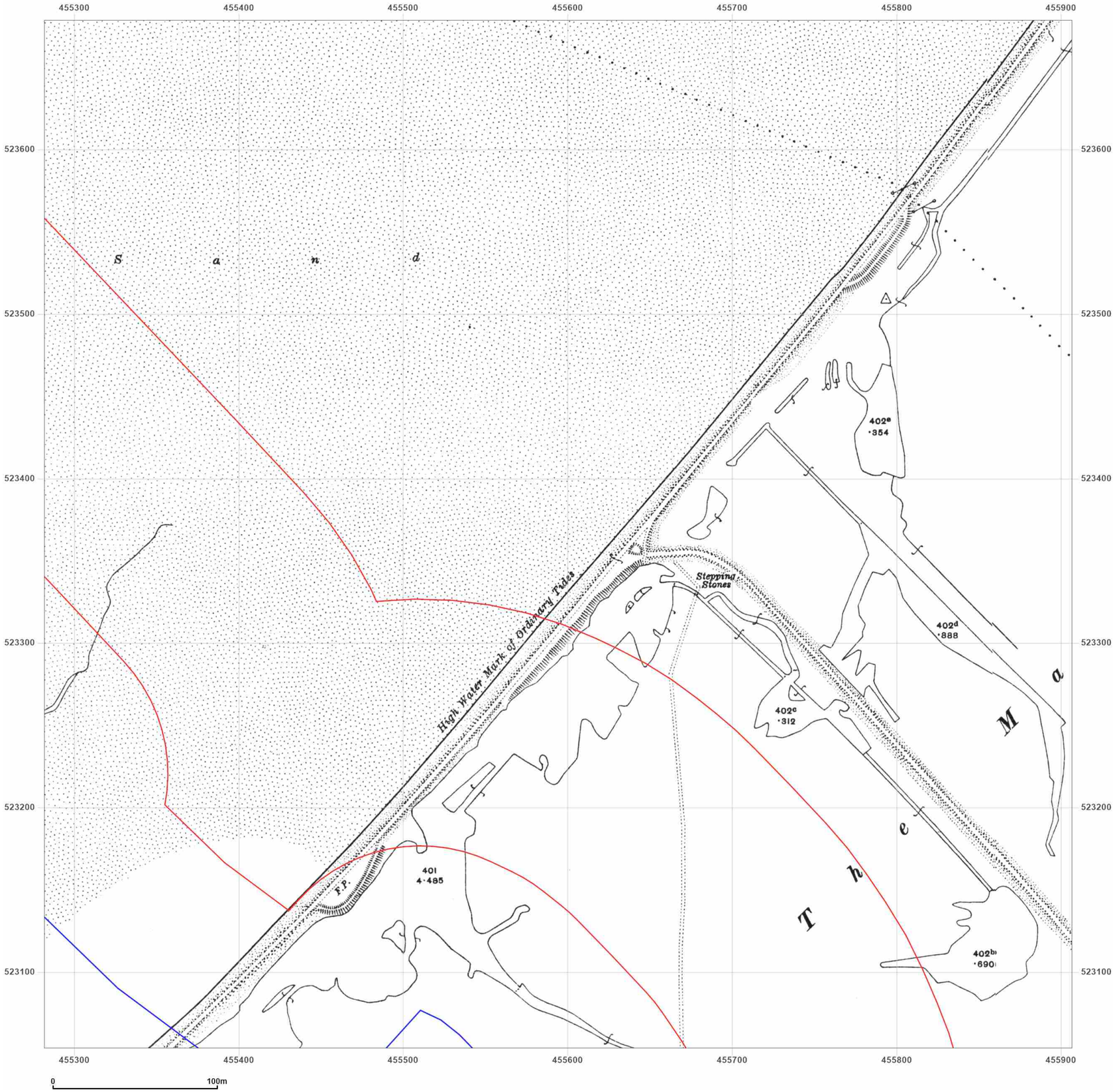
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_2
Grid Ref: 455594, 523366

Map Name: County Series

Map date: **1915**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1915
Revised 1915
Edition N/A
Copyright N/A
Levelled N/A

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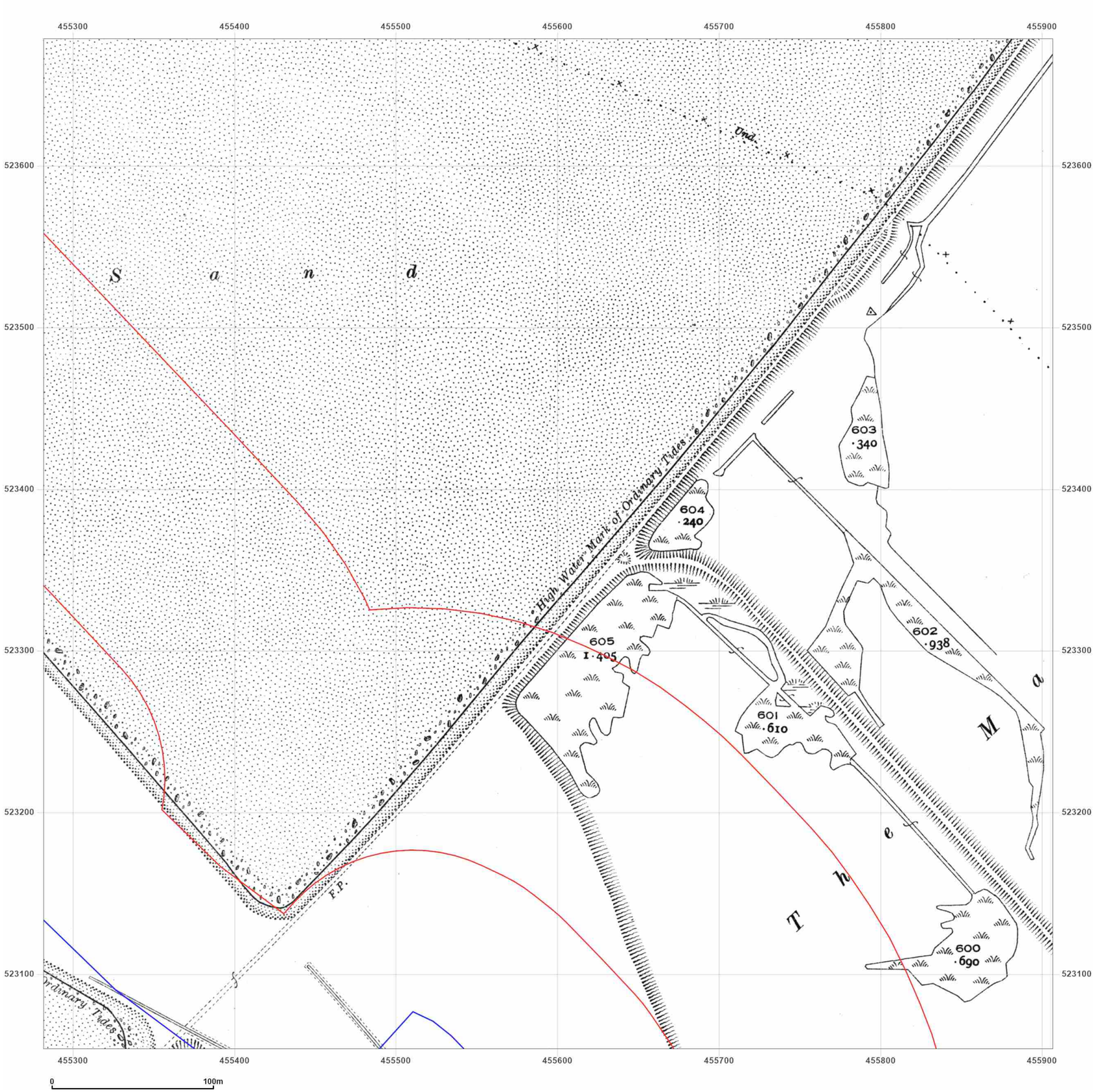
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_2
Grid Ref: 455594, 523366

Map Name: County Series

Map date: **1927**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1927
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A

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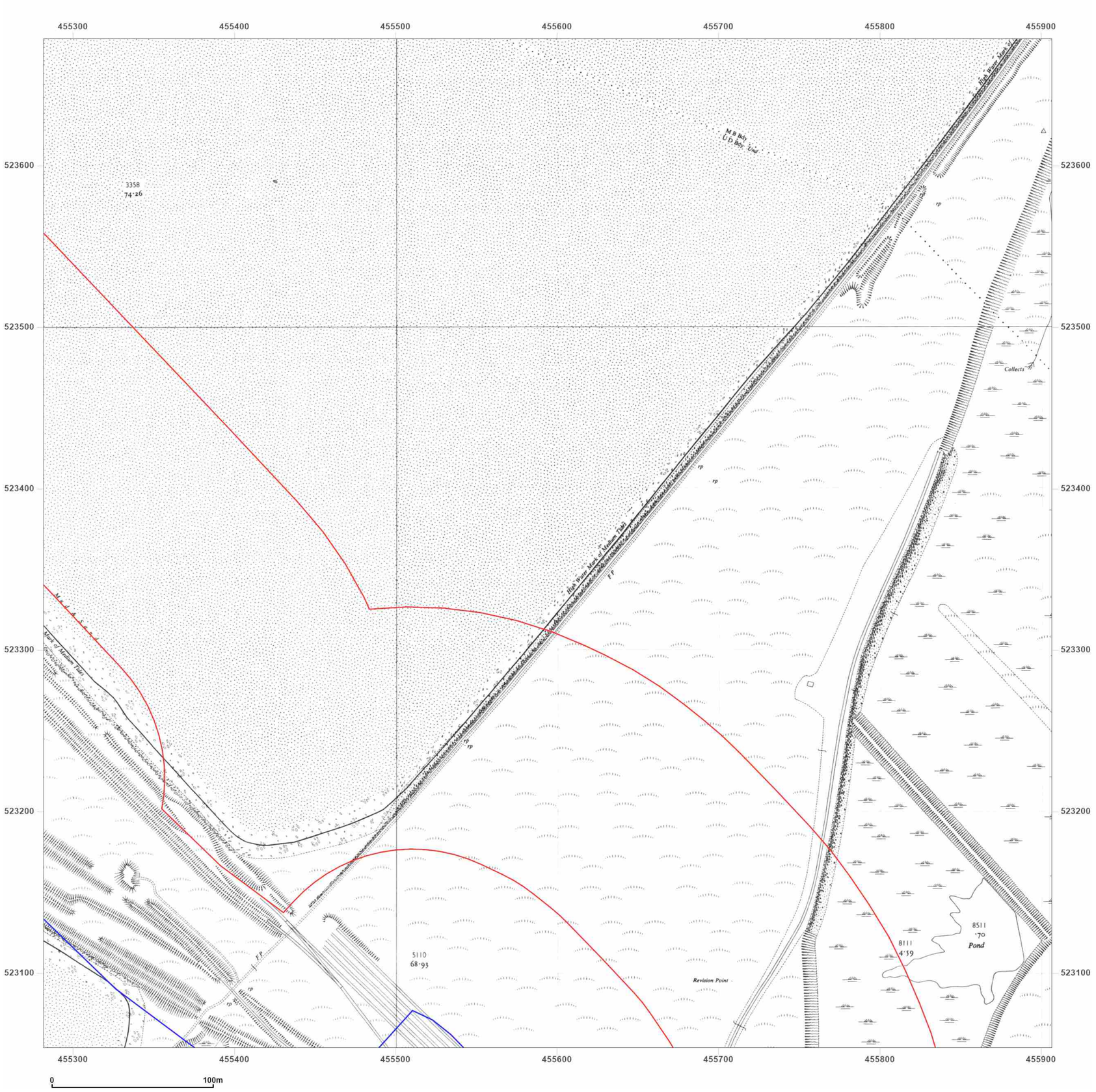
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_LS_3_2
Grid Ref: 455594, 523366

Map Name: National Grid

Map date: **1955**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1952
Revised 1952
Edition 1955
Copyright N/A
Levelled 1948

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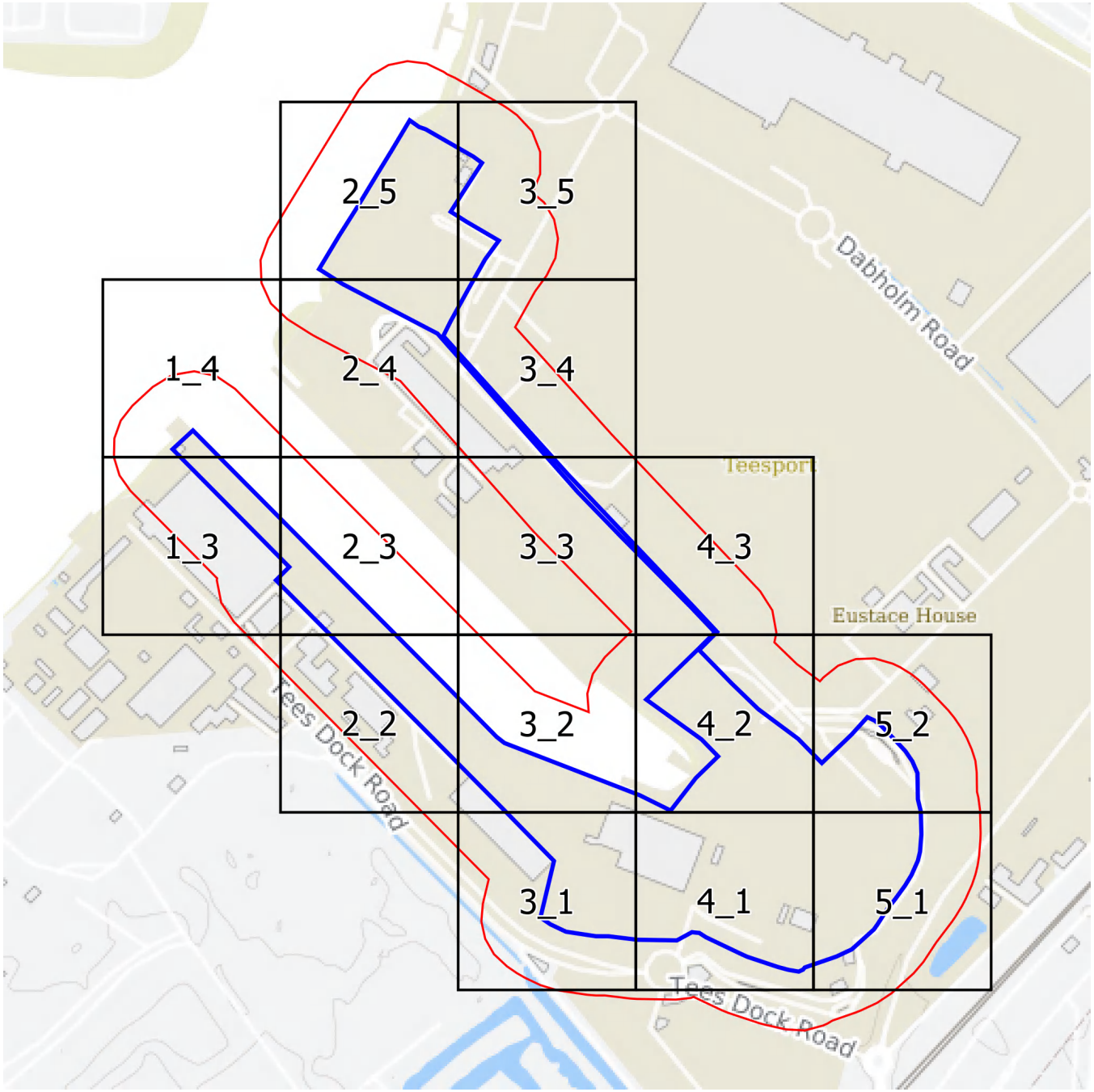
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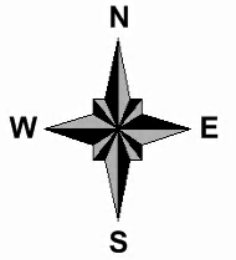
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Landline Scale Grid Index





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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_Landline_1_3
Grid Ref: 454369, 523366

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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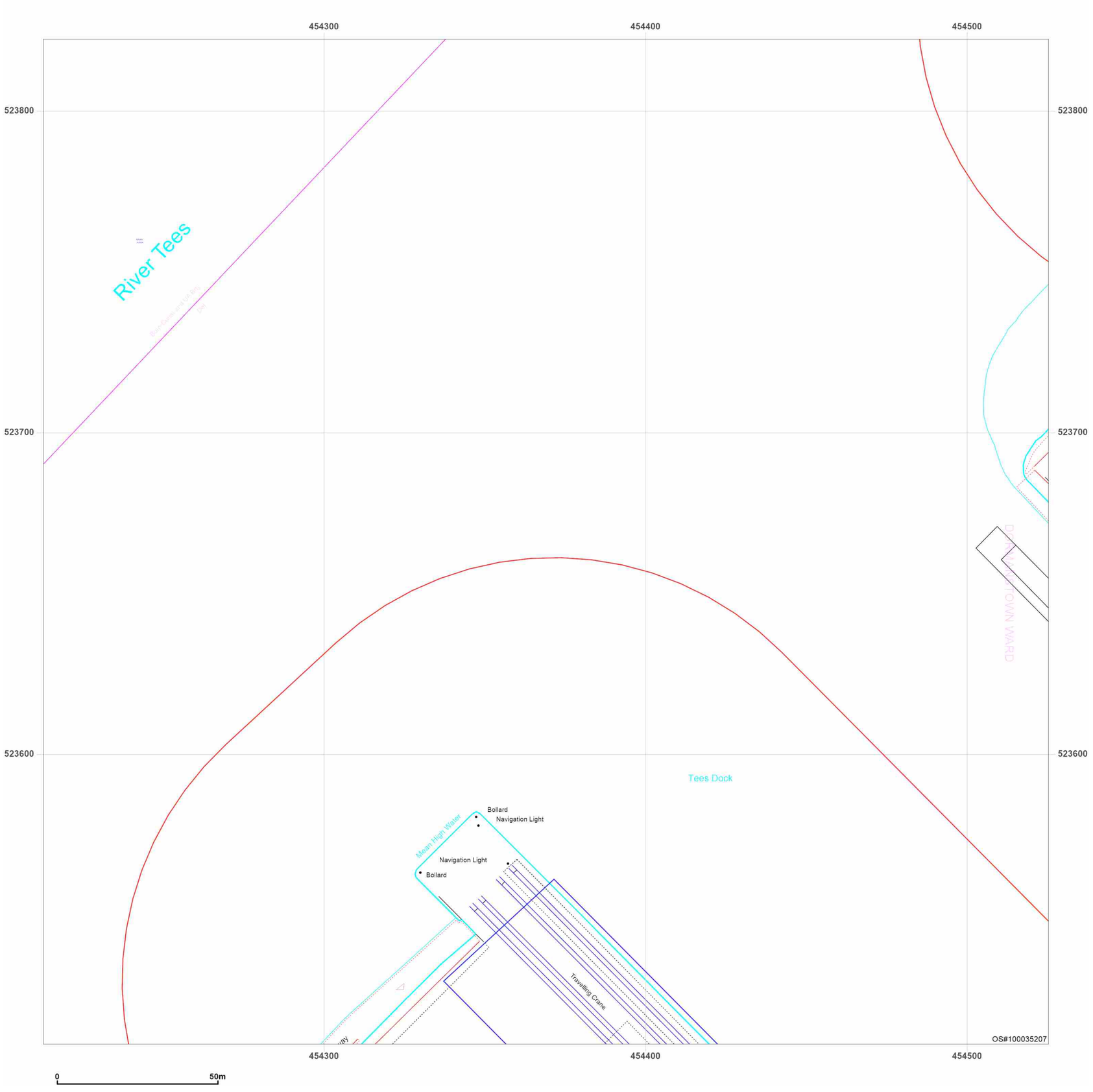
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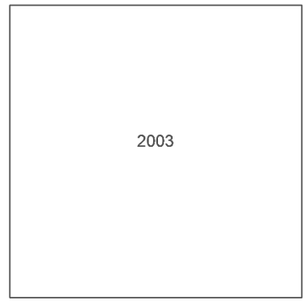
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Report Ref: EMS-988829_1252673_Landline_1_4
Grid Ref: 454369, 523666

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250





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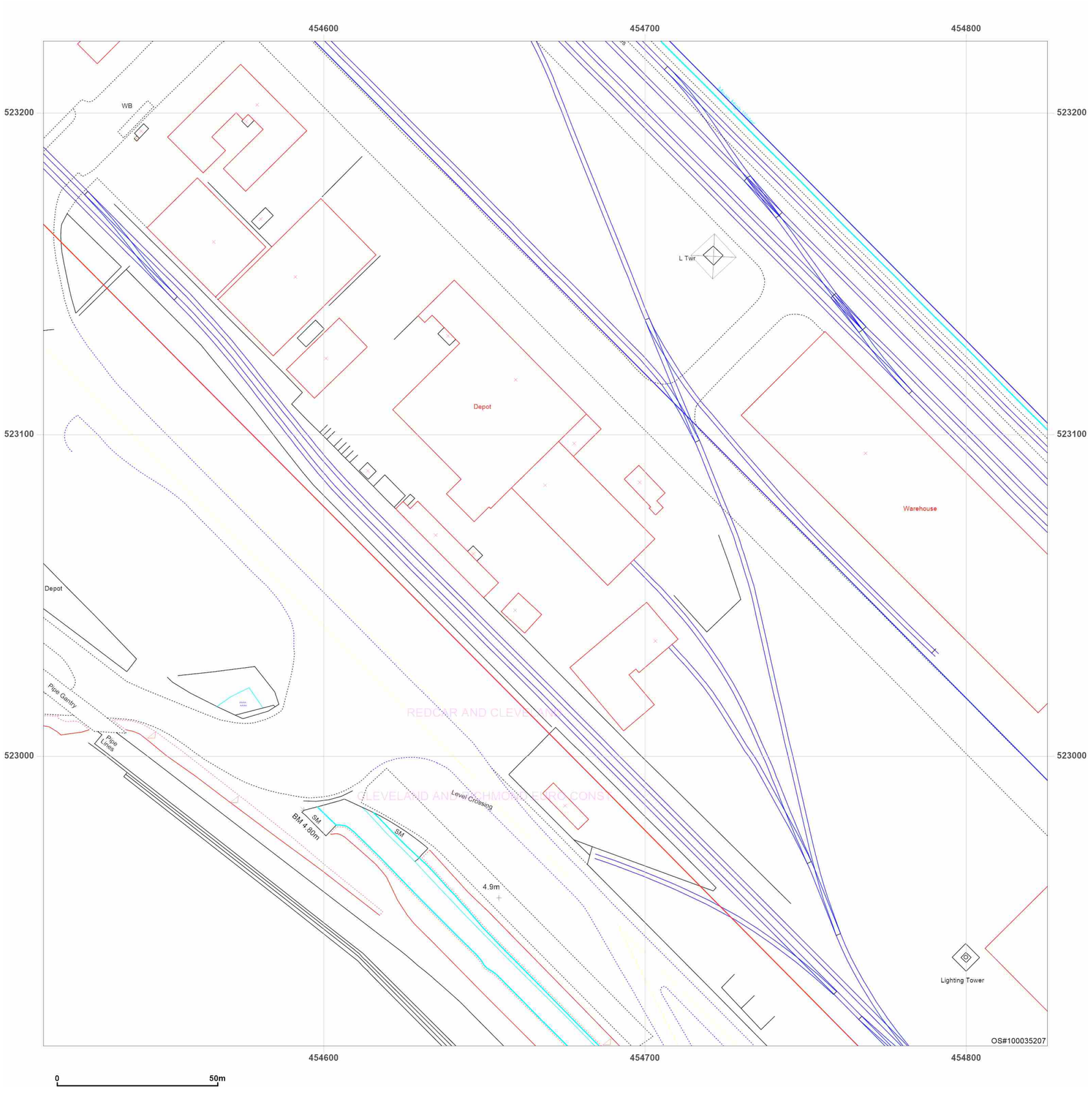
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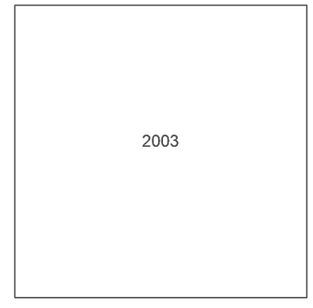
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Grid Ref: 454669, 523066

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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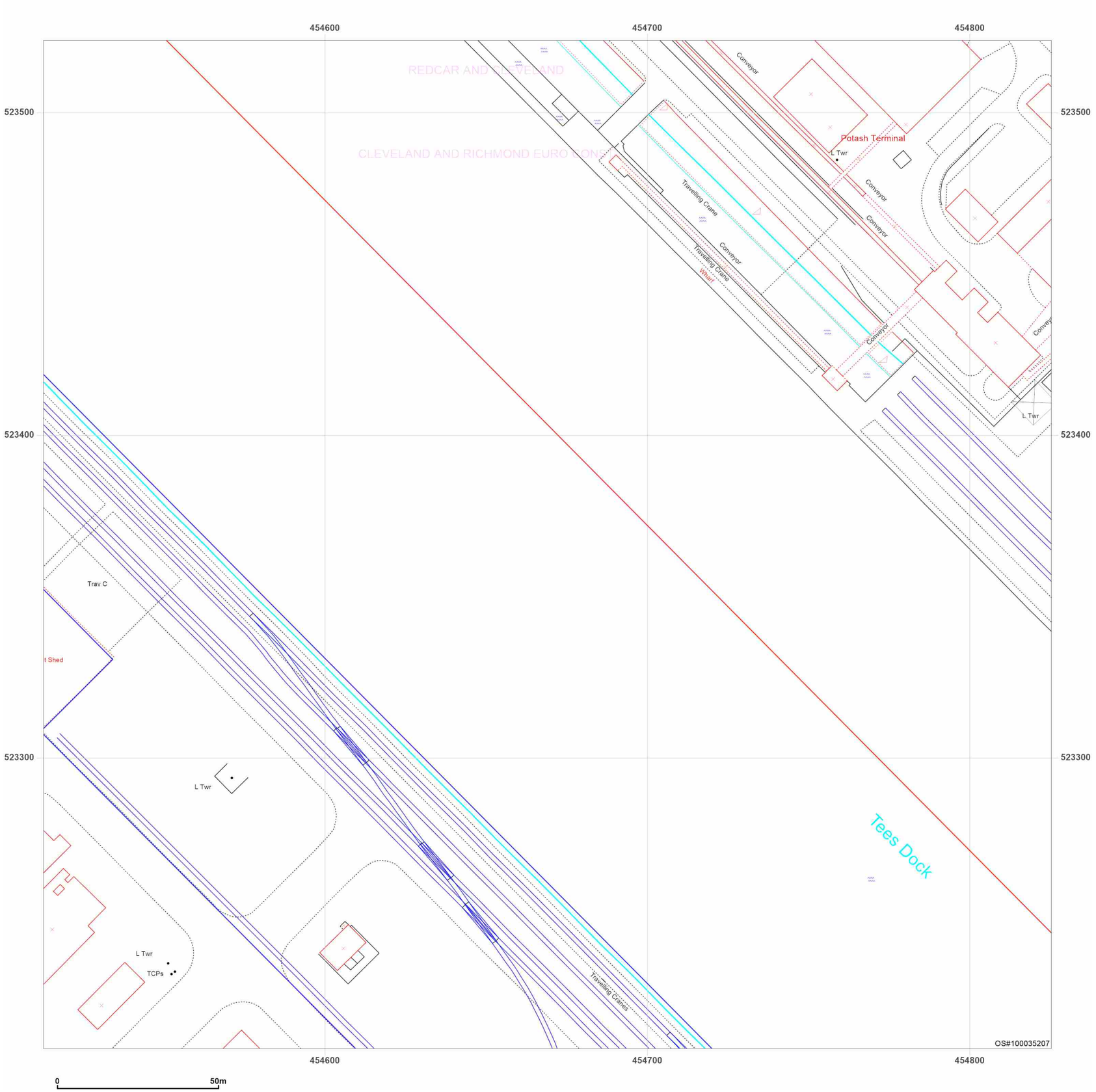
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_Landline_2_3
Grid Ref: 454669, 523366

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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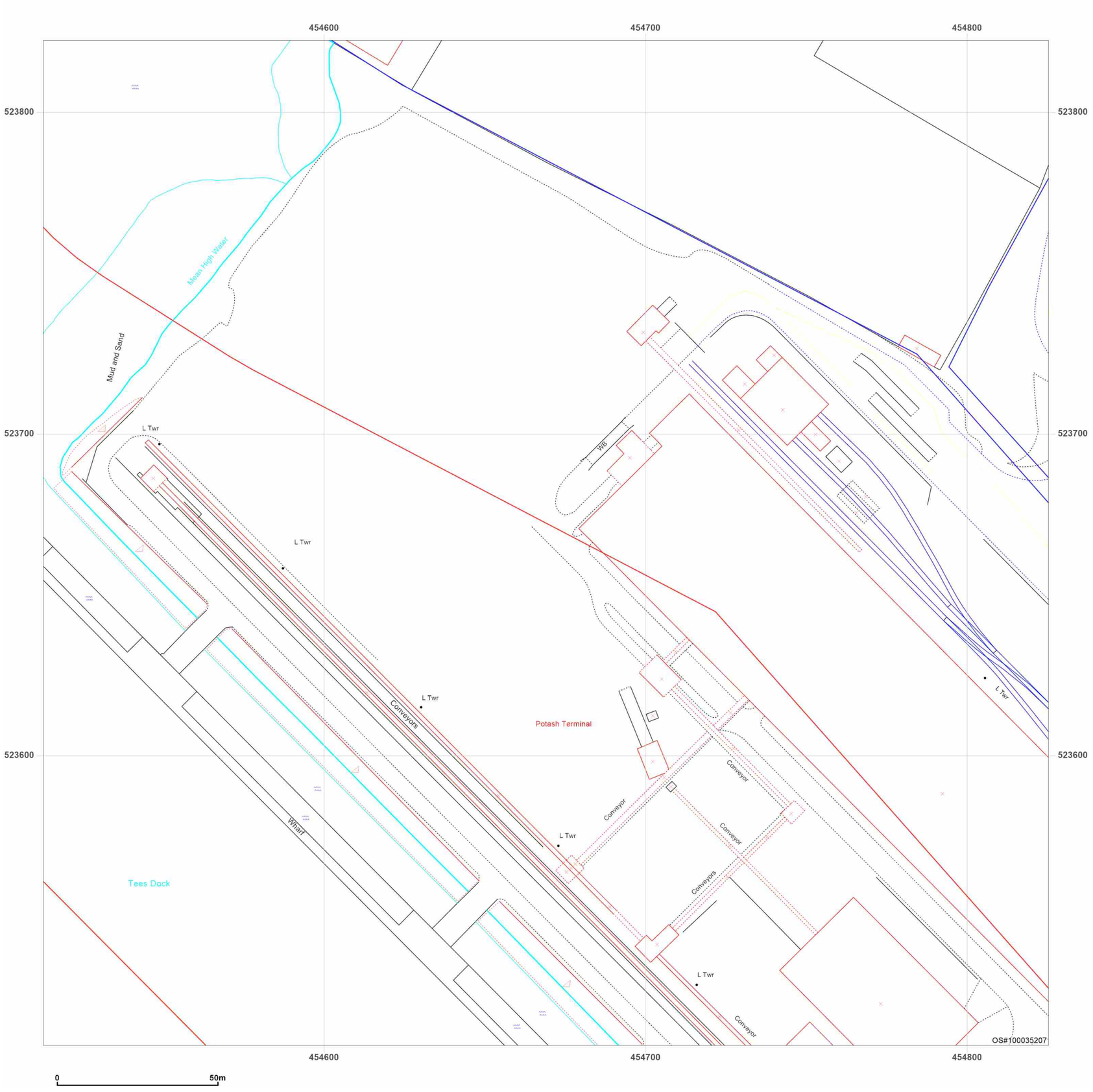
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_Landline_2_4
Grid Ref: 454669, 523666

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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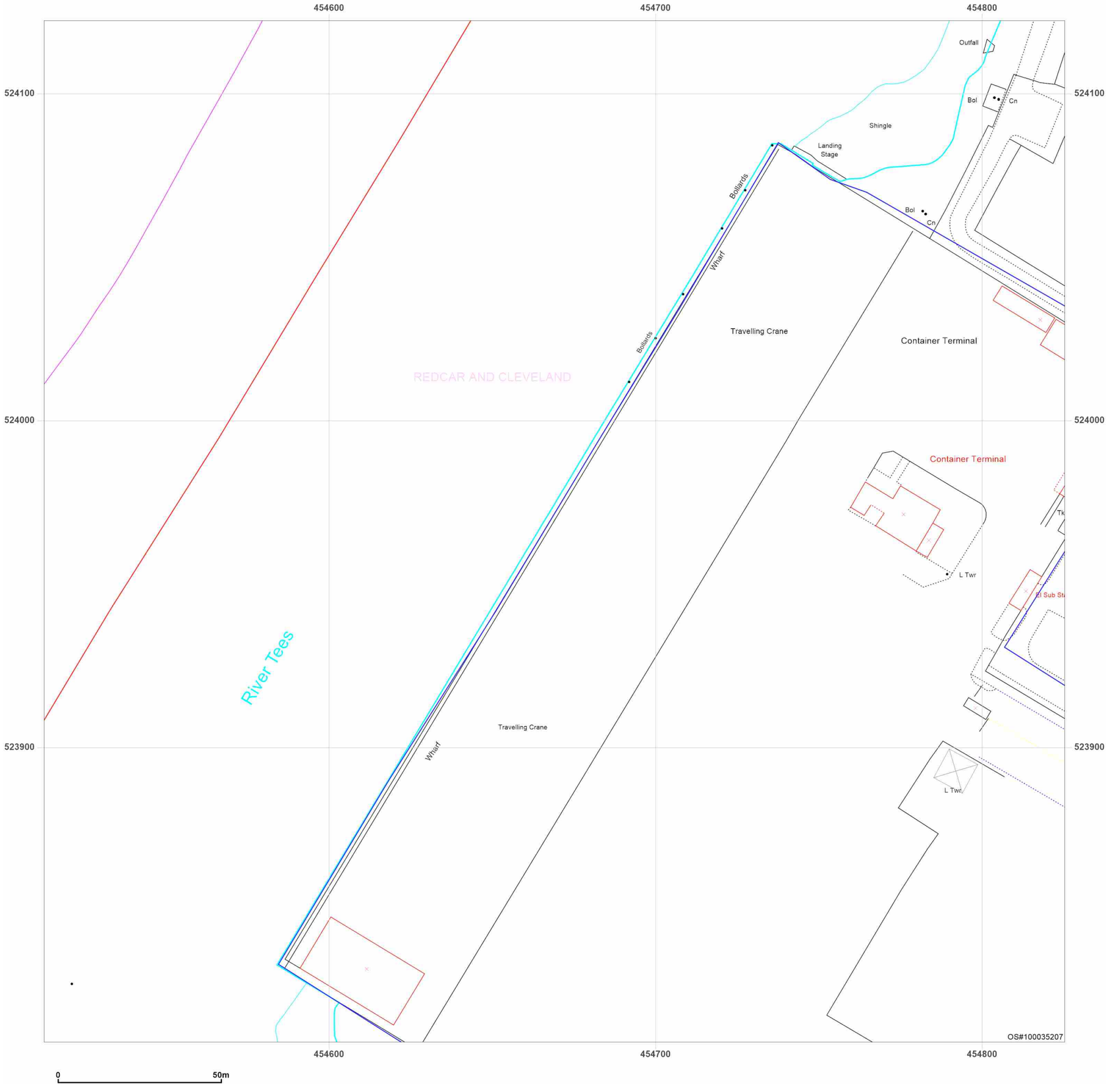
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673_Landline_2_5
Grid Ref: 454669, 523966

Map Name: LandLine
Map date: **2003**
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Printed at: 1:1,250

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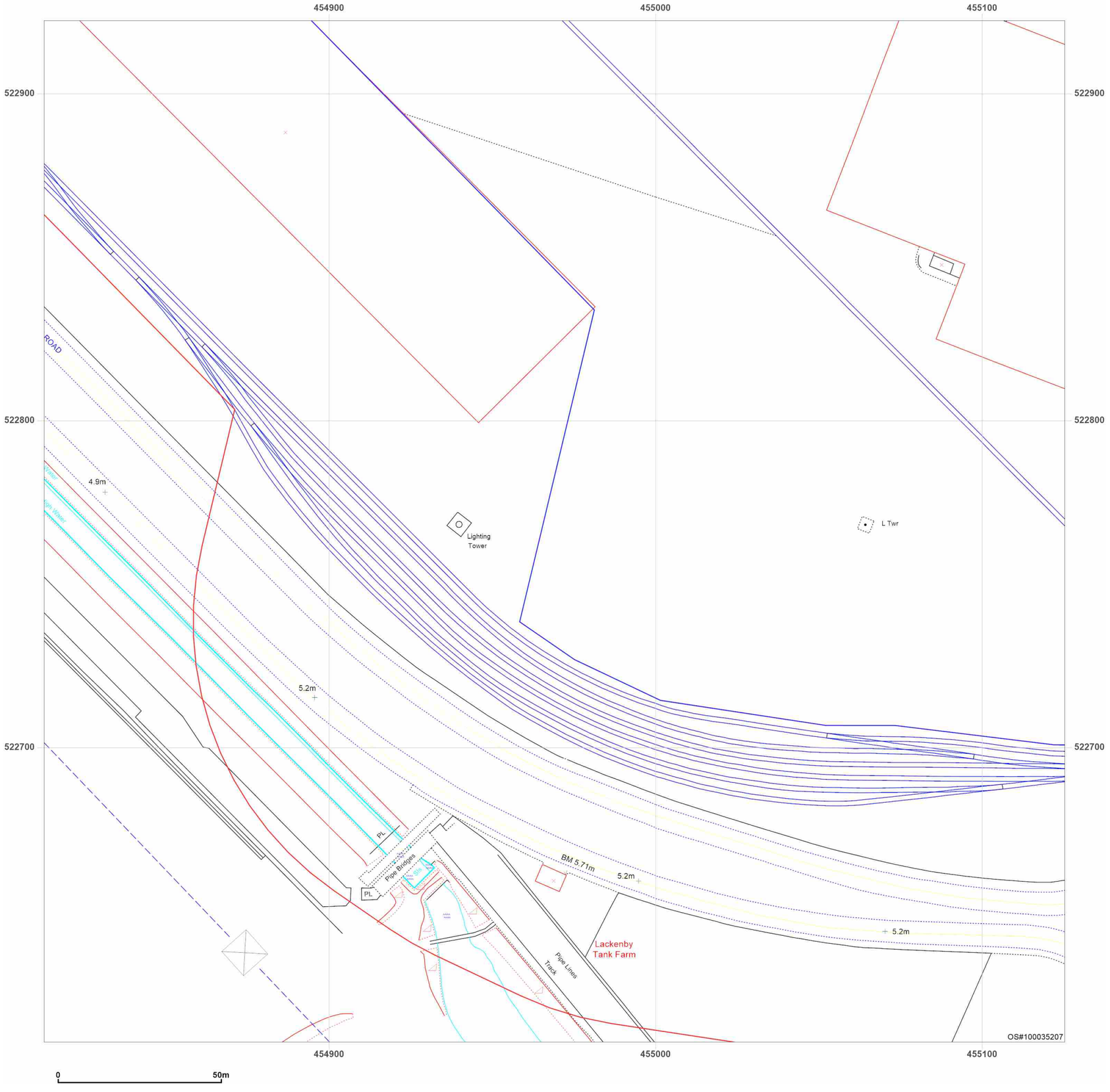
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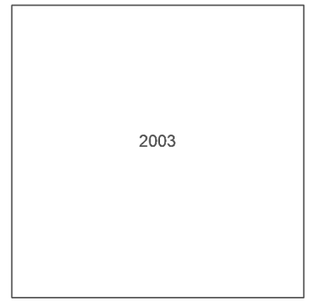
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Grid Ref: 454969, 522766

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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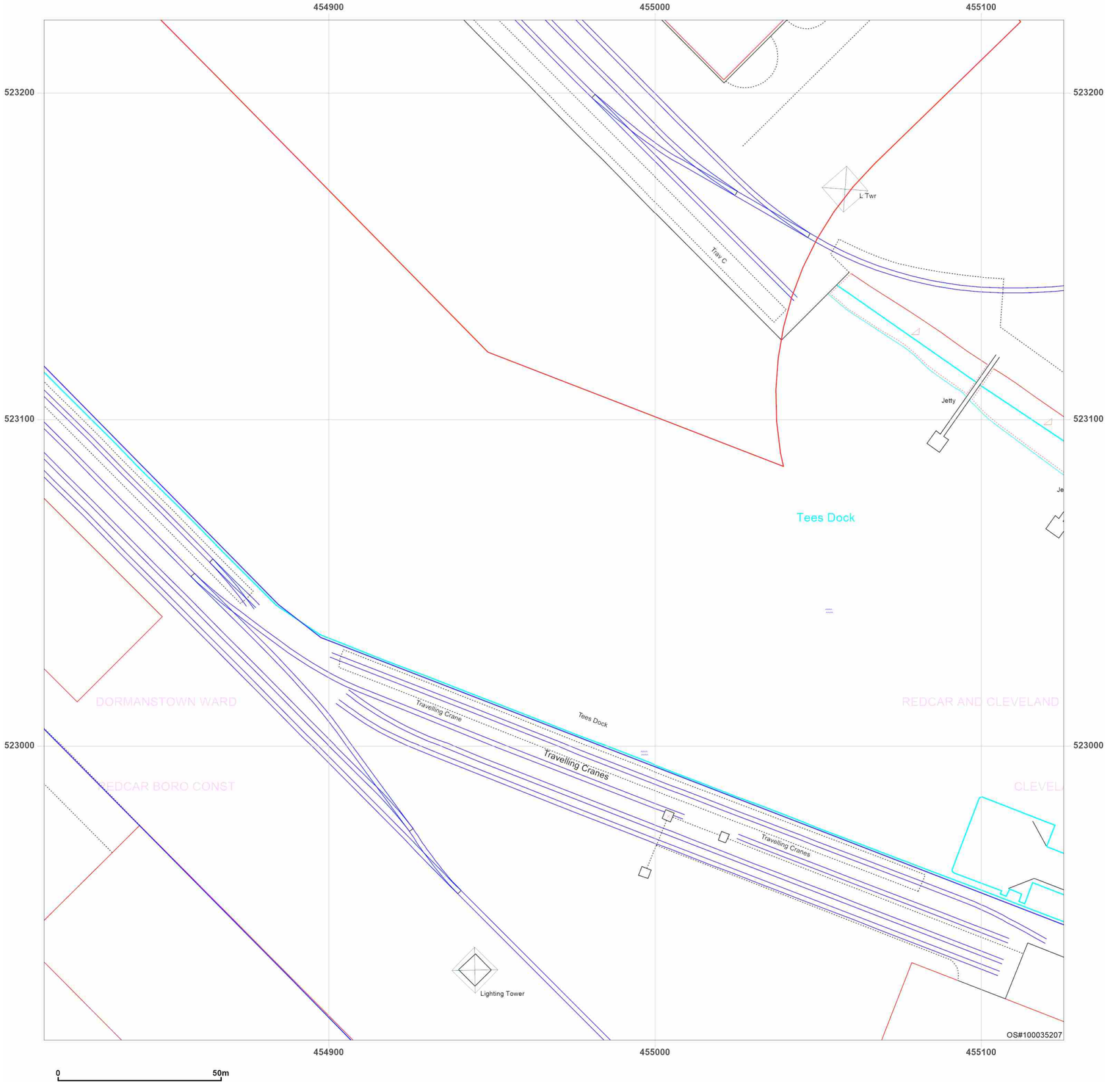
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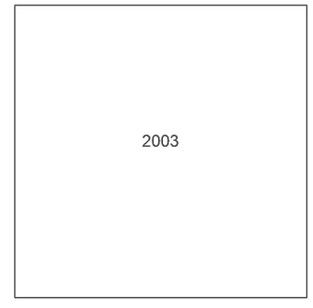
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Grid Ref: 454969, 523066

Map Name: LandLine
Map date: **2003**
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Printed at: 1:1,250

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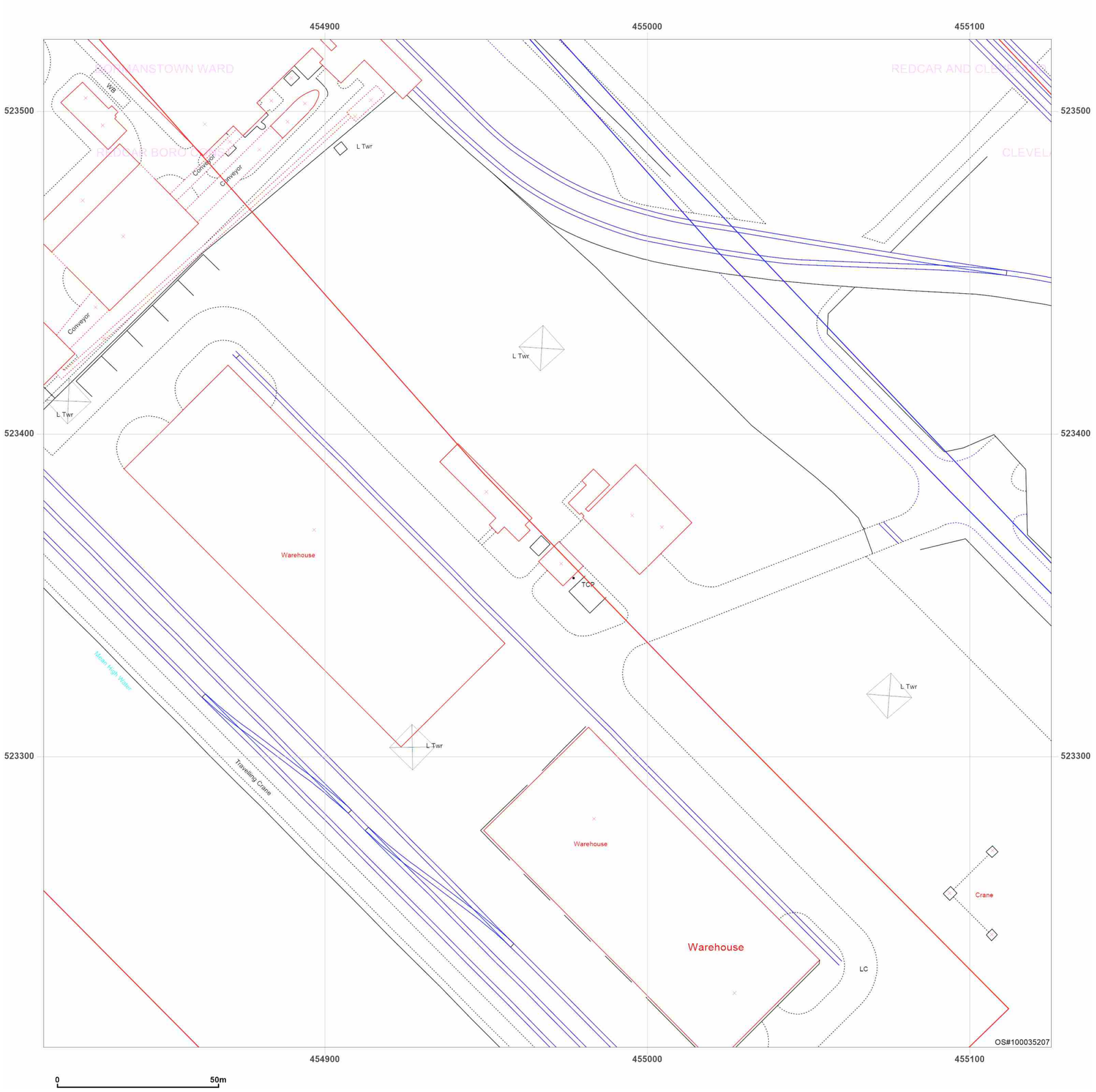
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_Landline_3_3
Grid Ref: 454969, 523366

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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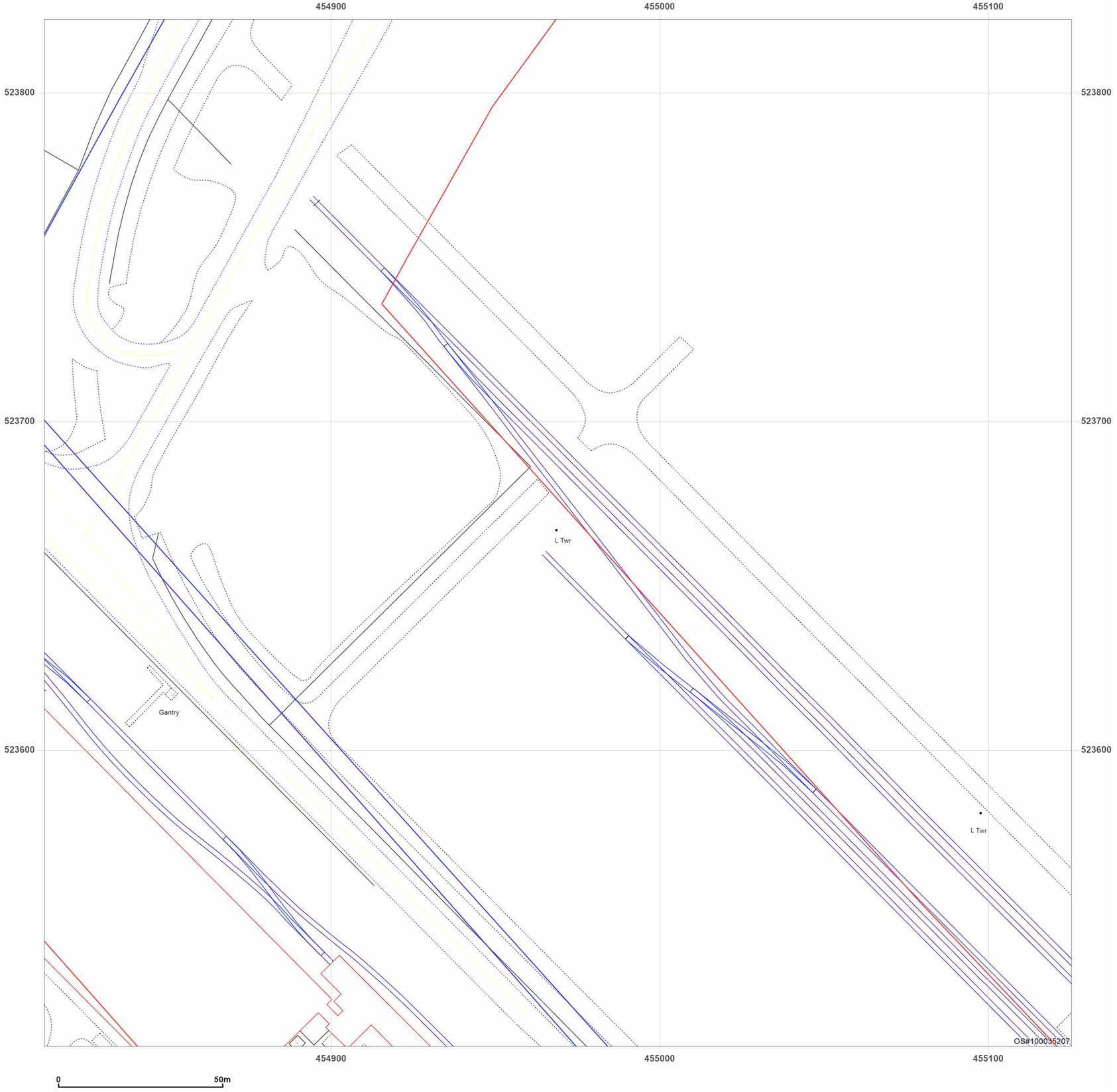
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673_Landline_3_4
Grid Ref: 454969, 523666

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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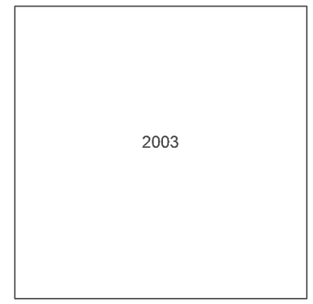
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Grid Ref: 454969, 523966

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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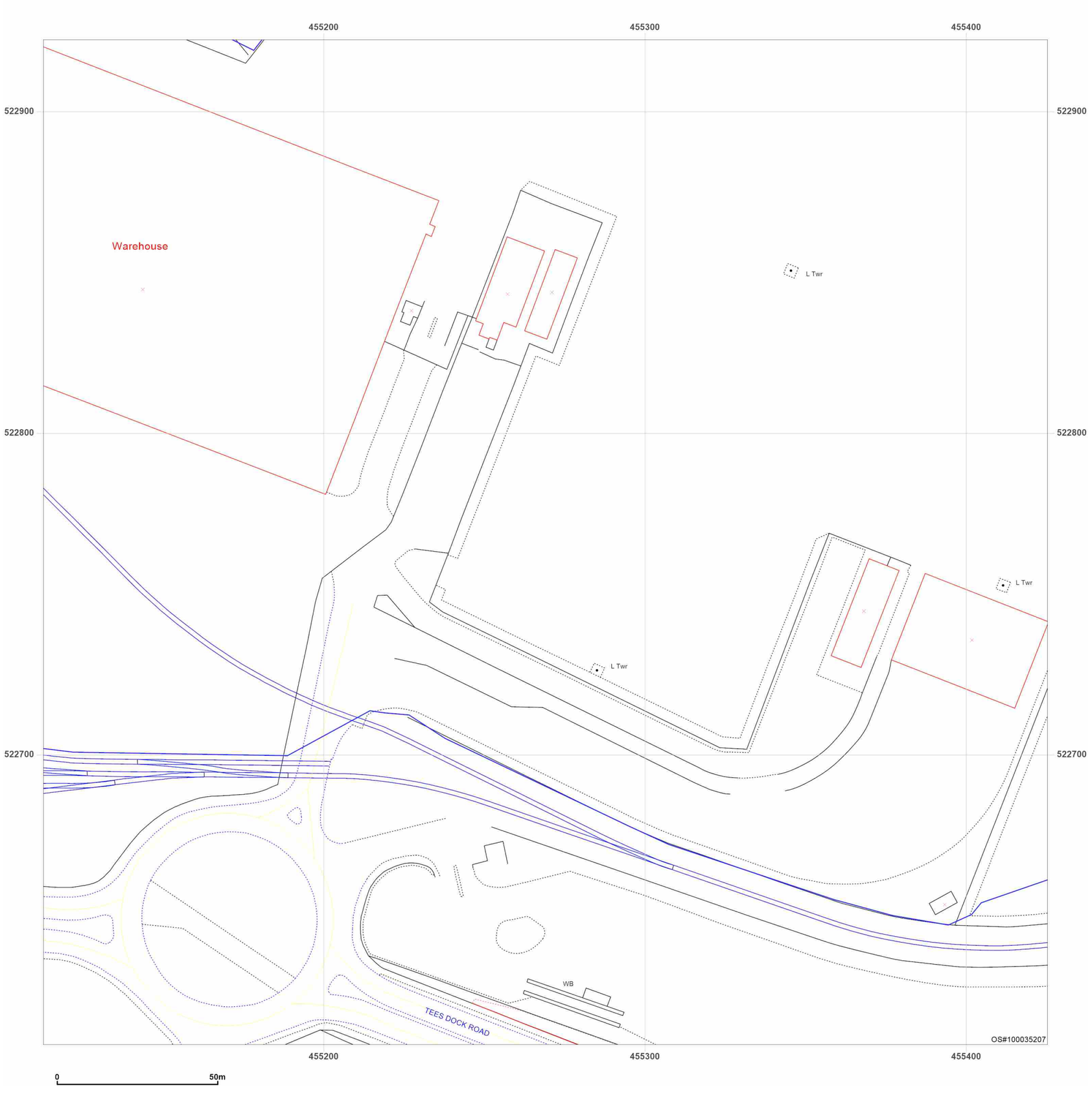
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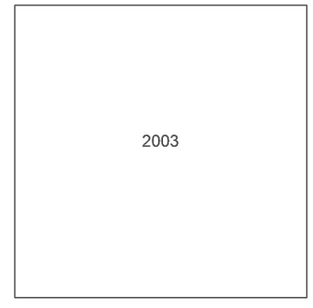
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Grid Ref: 455269, 522766

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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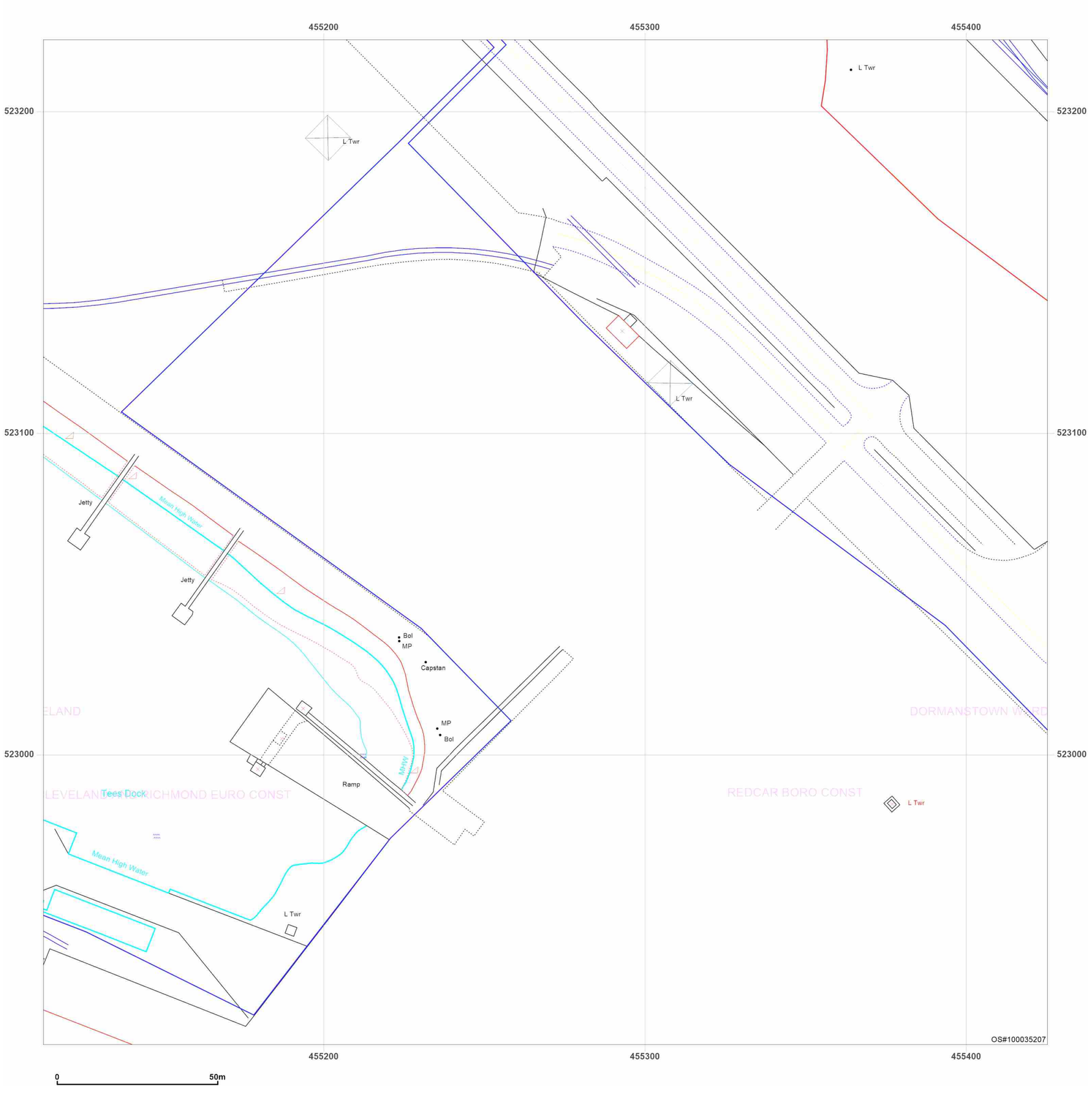
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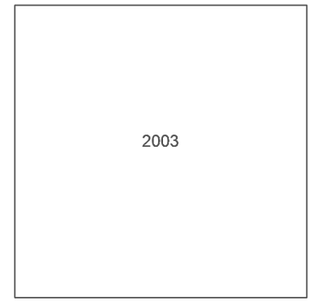
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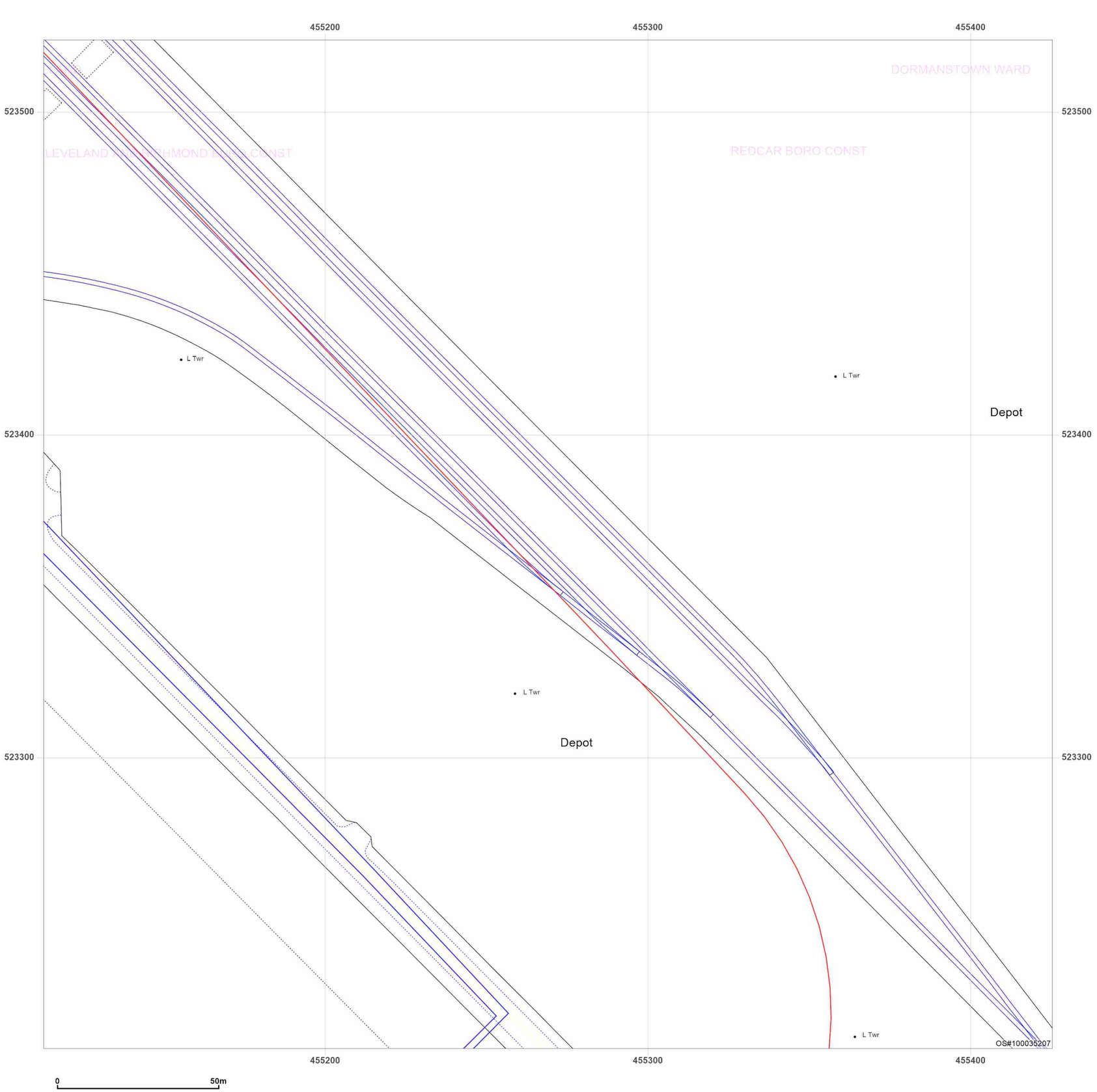
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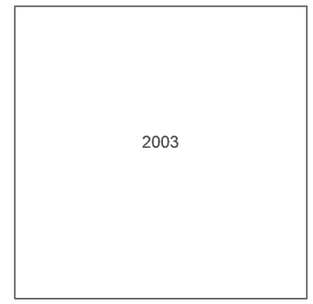
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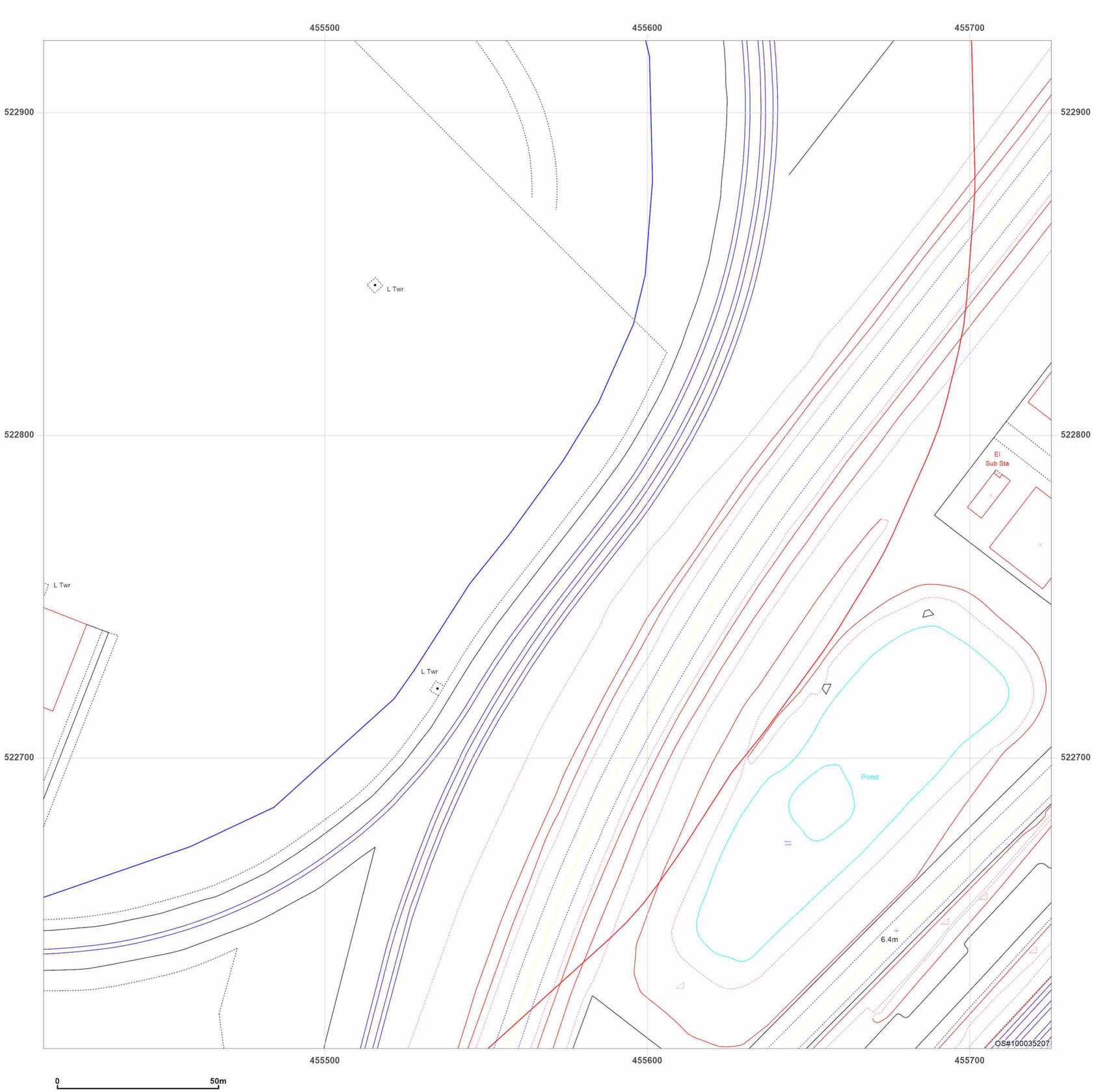
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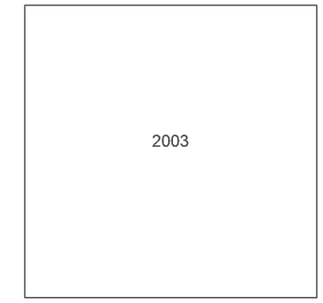
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Grid Ref: 455569, 522766

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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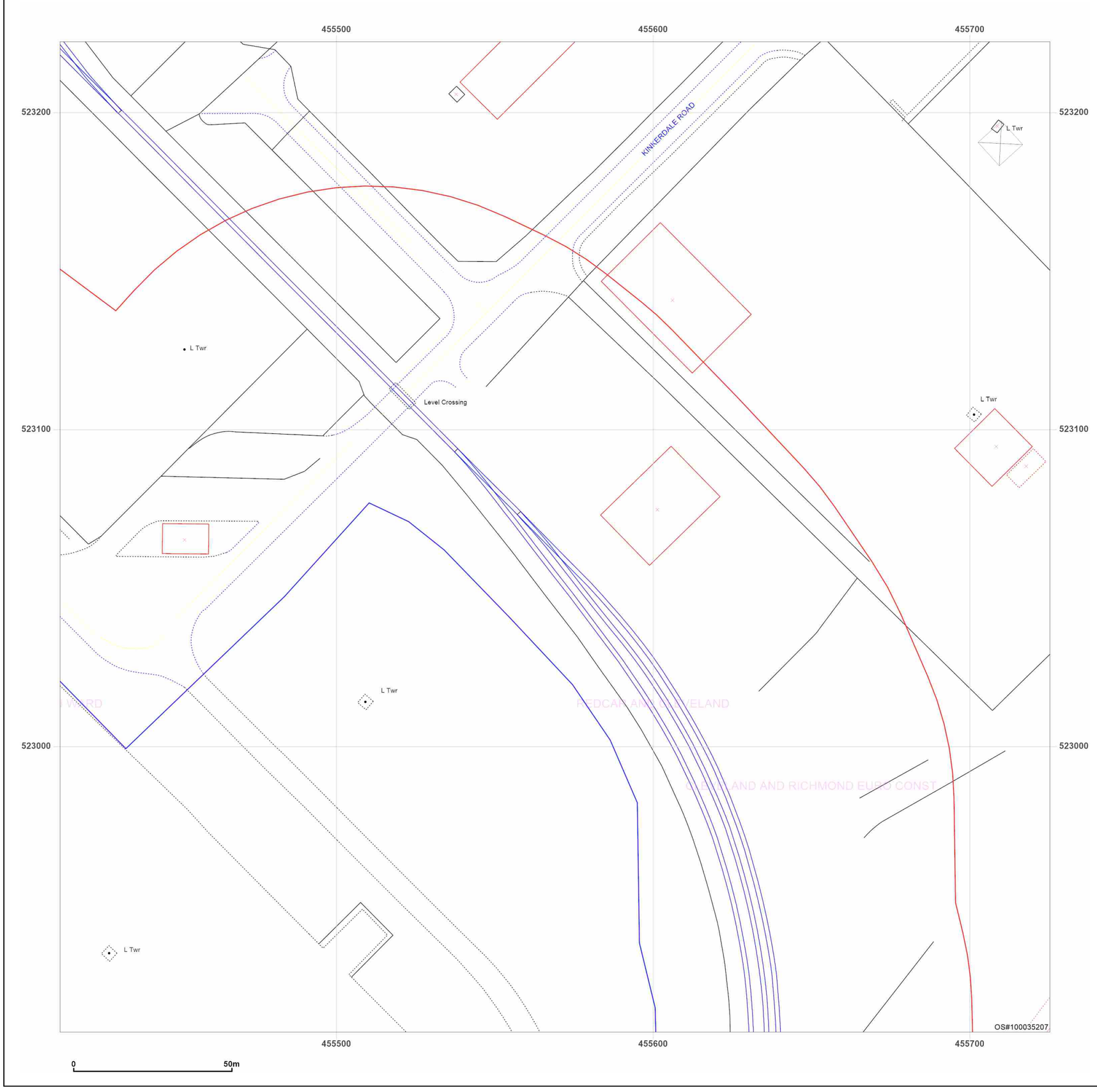
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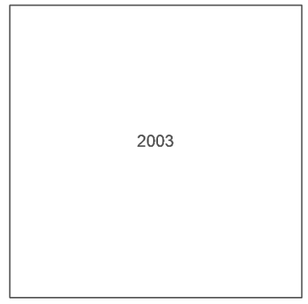
Site Details:

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Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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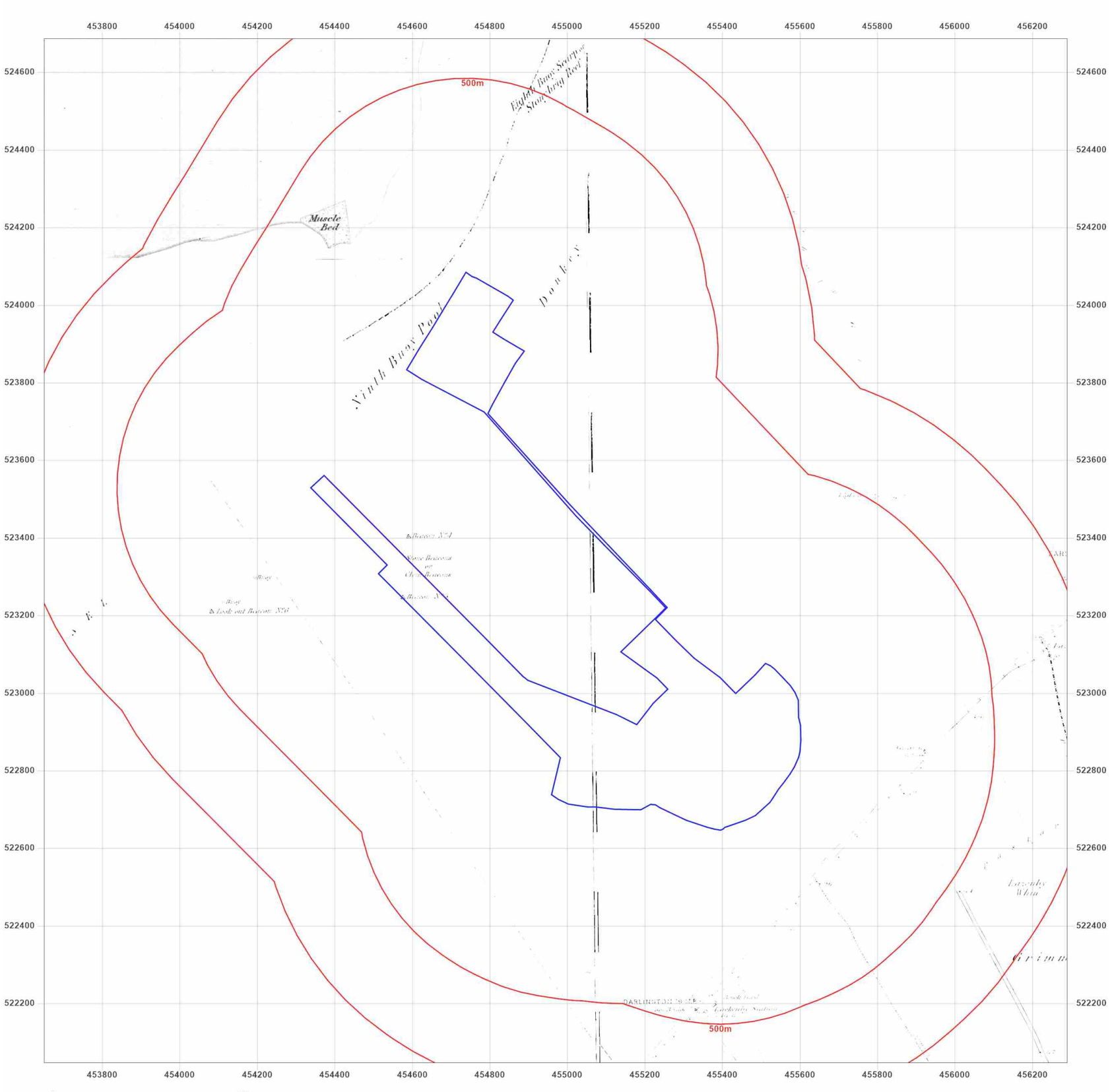
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unspecified

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Report Ref: EMS-988829_1252673
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Map Name: County Series

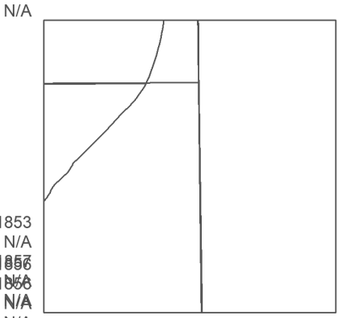
Map date: **1855-1857**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1855
Revised 1855
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1853
Revised N/A
Edition 1857
Copyright N/A
Levelled N/A

Surveyed 1855
Revised N/A
Edition 1857
Copyright N/A
Levelled N/A

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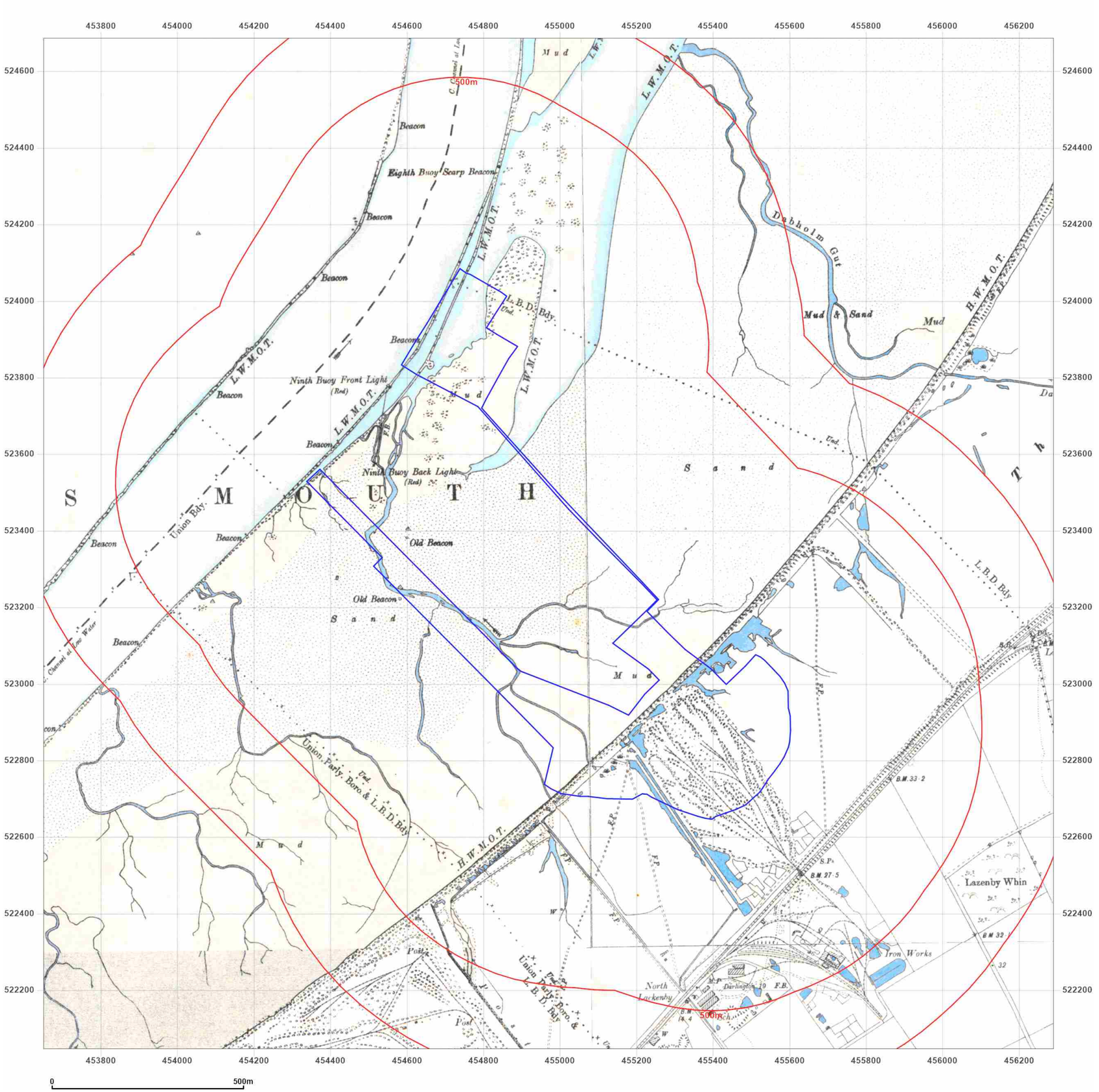
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Site Details:

unspecified

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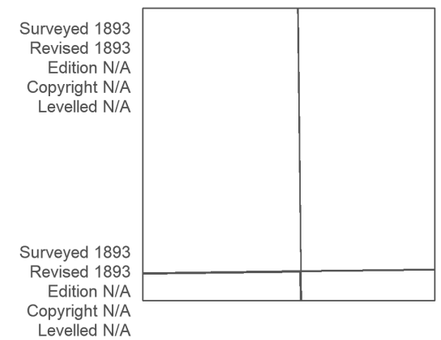
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Map date: **1893**

Scale: 1:10,560

Printed at: 1:10,560

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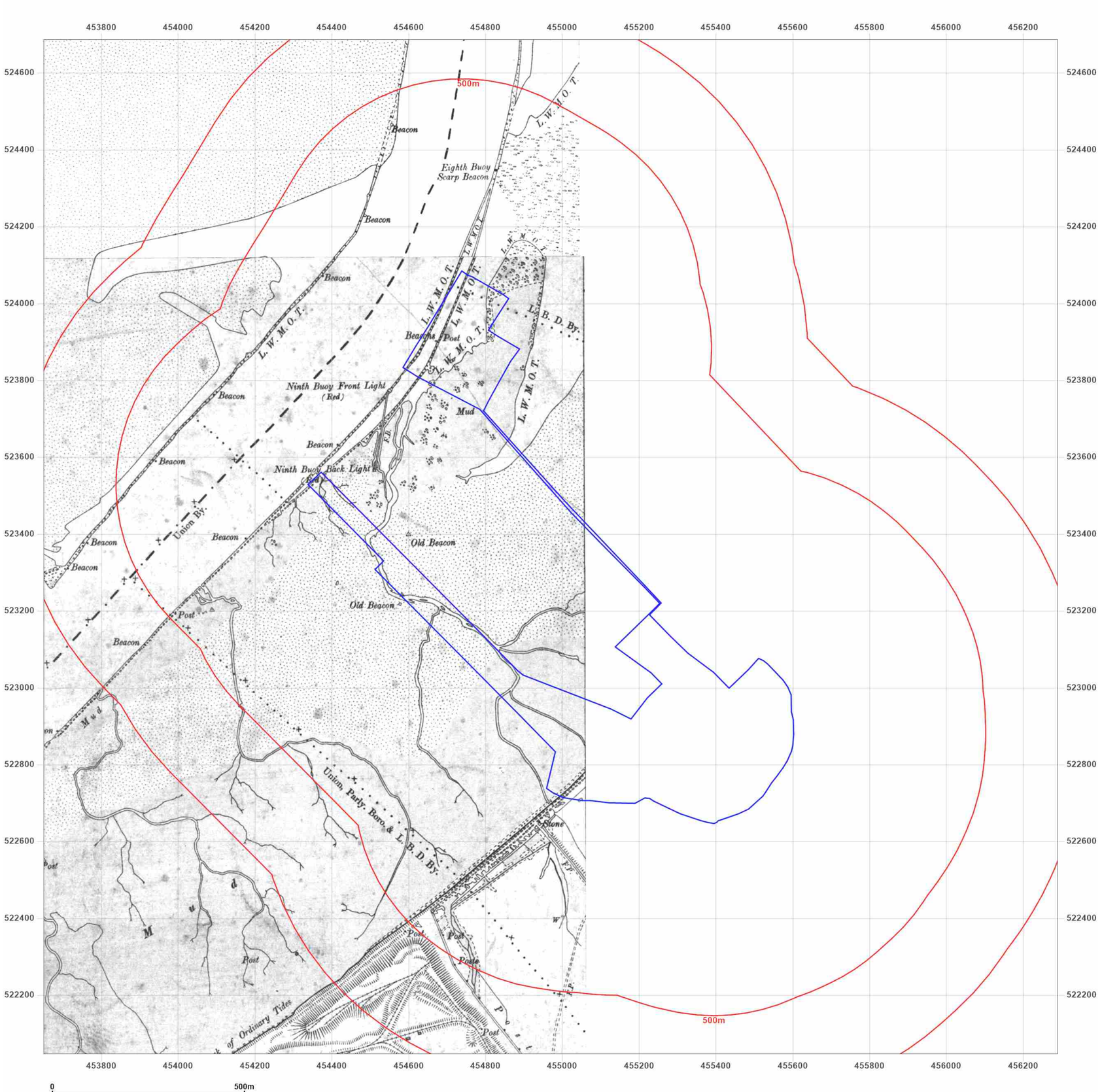
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Map legend available at:
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1896-1897**

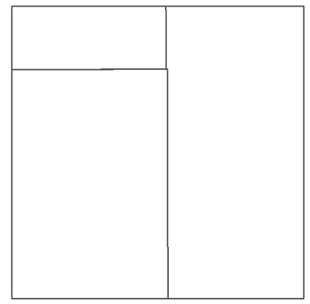
Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1855
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1856
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A



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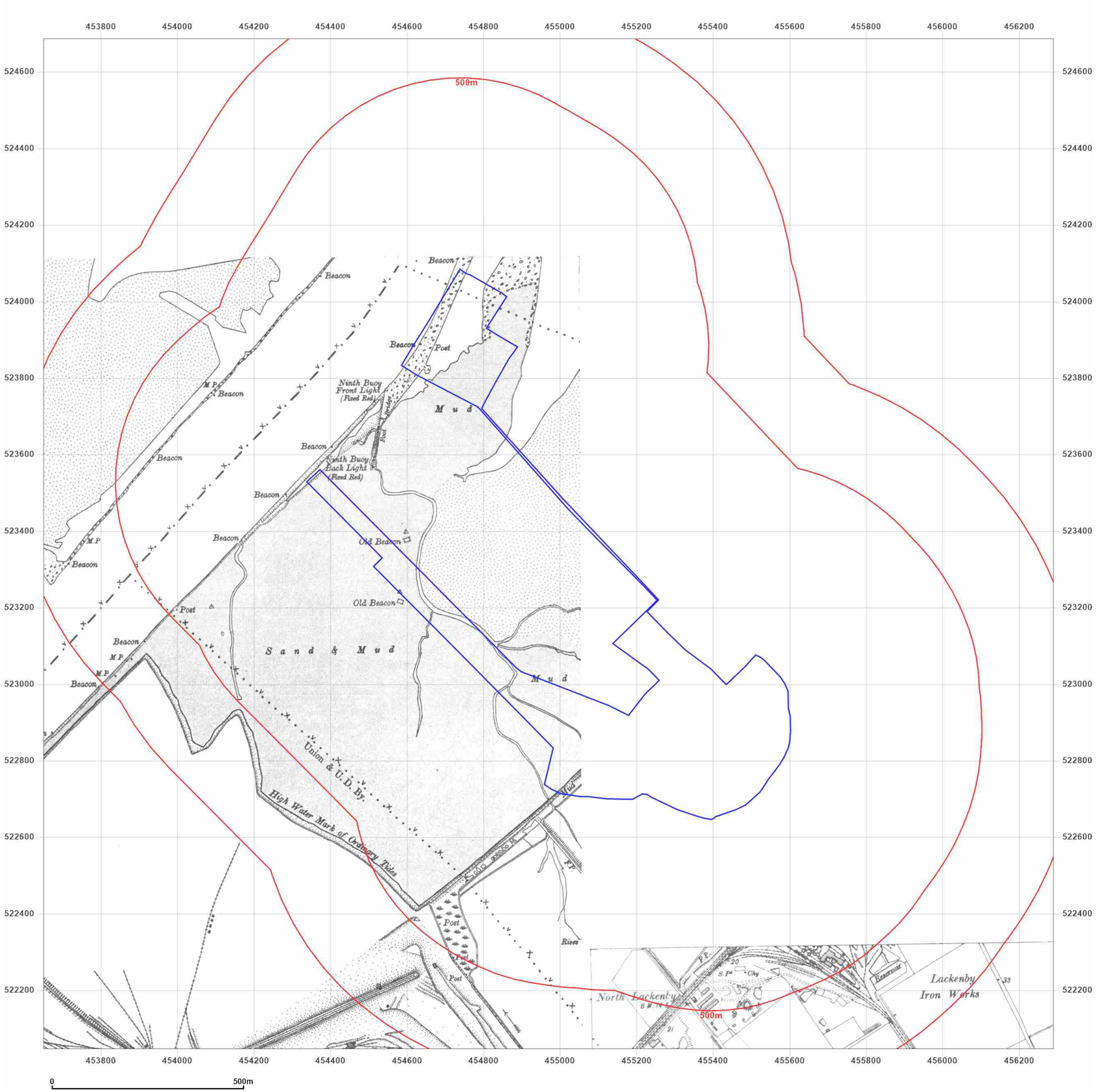
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Site Details:

unspecified

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Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

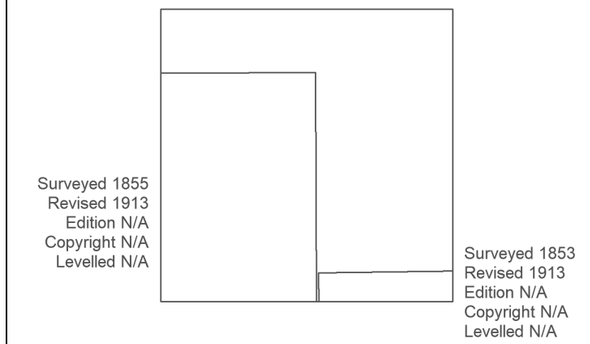
Map Name: County Series

Map date: **1913**

Scale: 1:10,560

Printed at: 1:10,560

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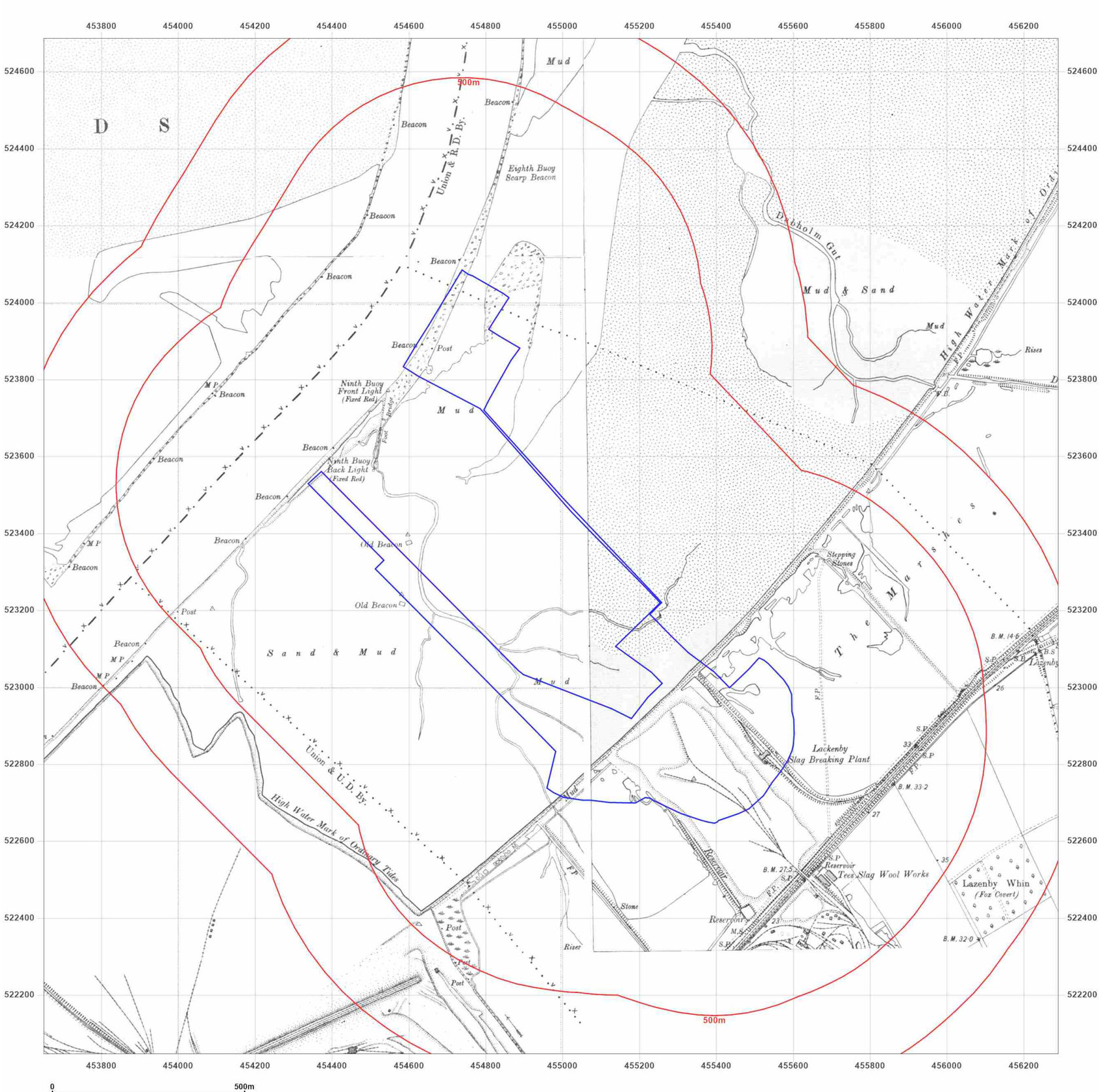
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1913-1914**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1856
Revised 1914
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1853
Revised 1913
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1855
Revised 1913
Edition N/A
Copyright N/A
Levelled N/A

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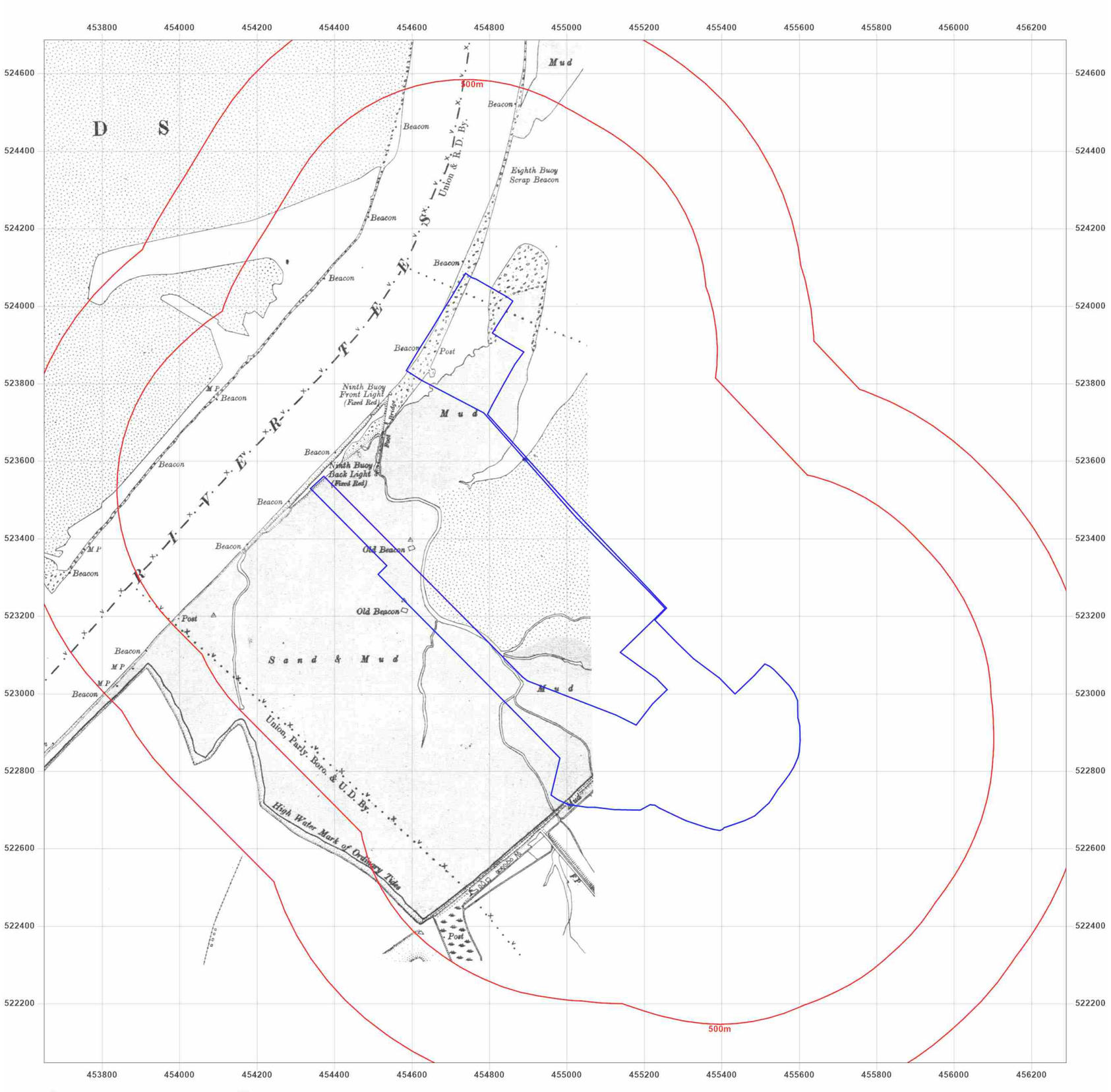
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Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

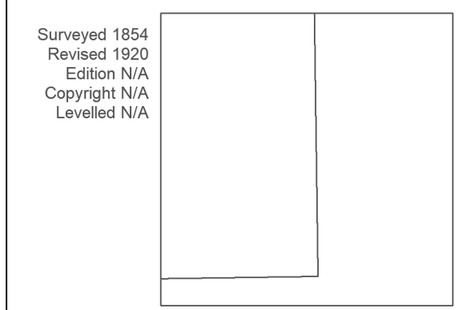
Map Name: County Series

Map date: **1920**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1854
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

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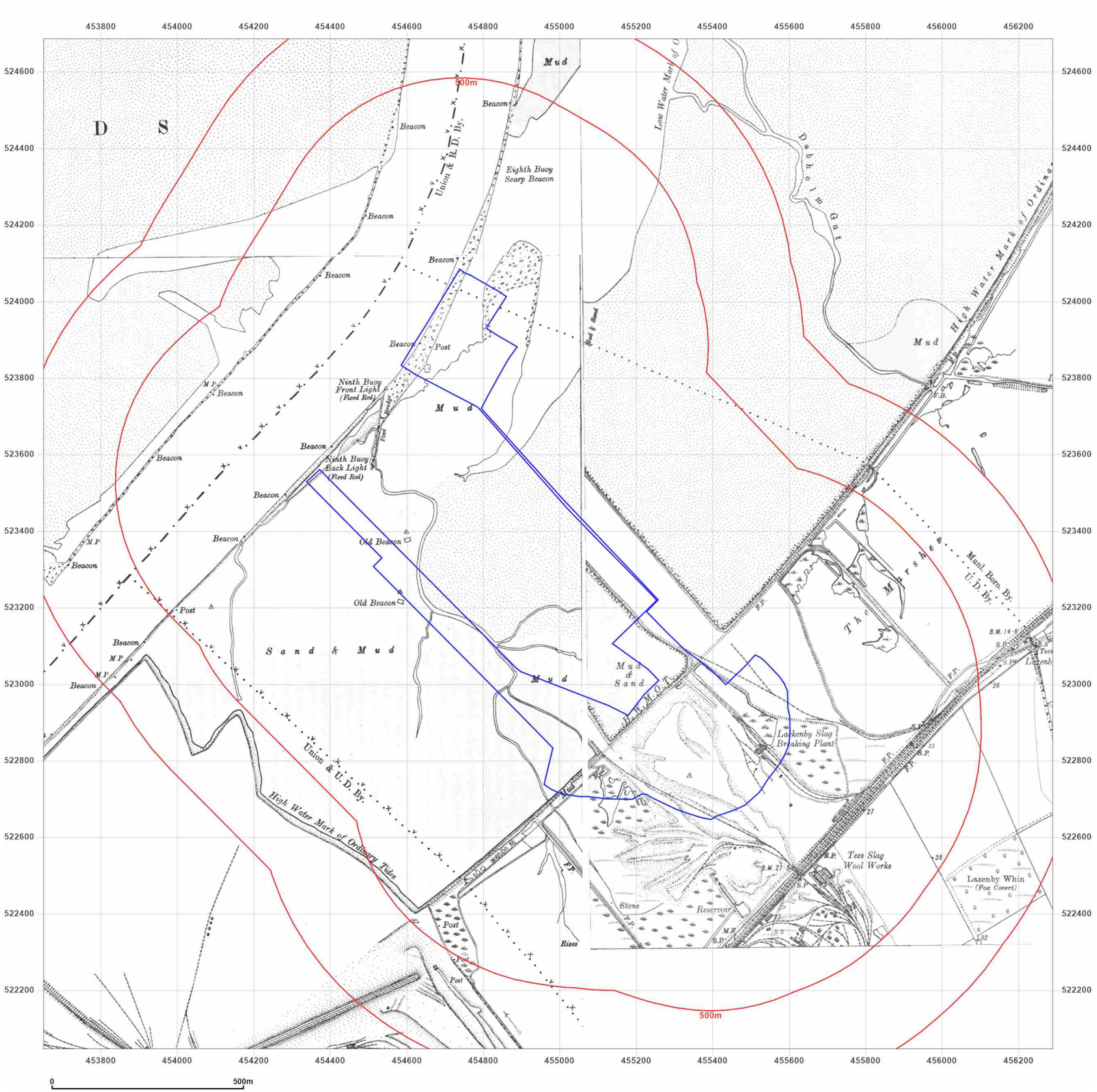
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Production date: 03 December 2024

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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1923-1927**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1857
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1853
Revised 1927
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1856
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

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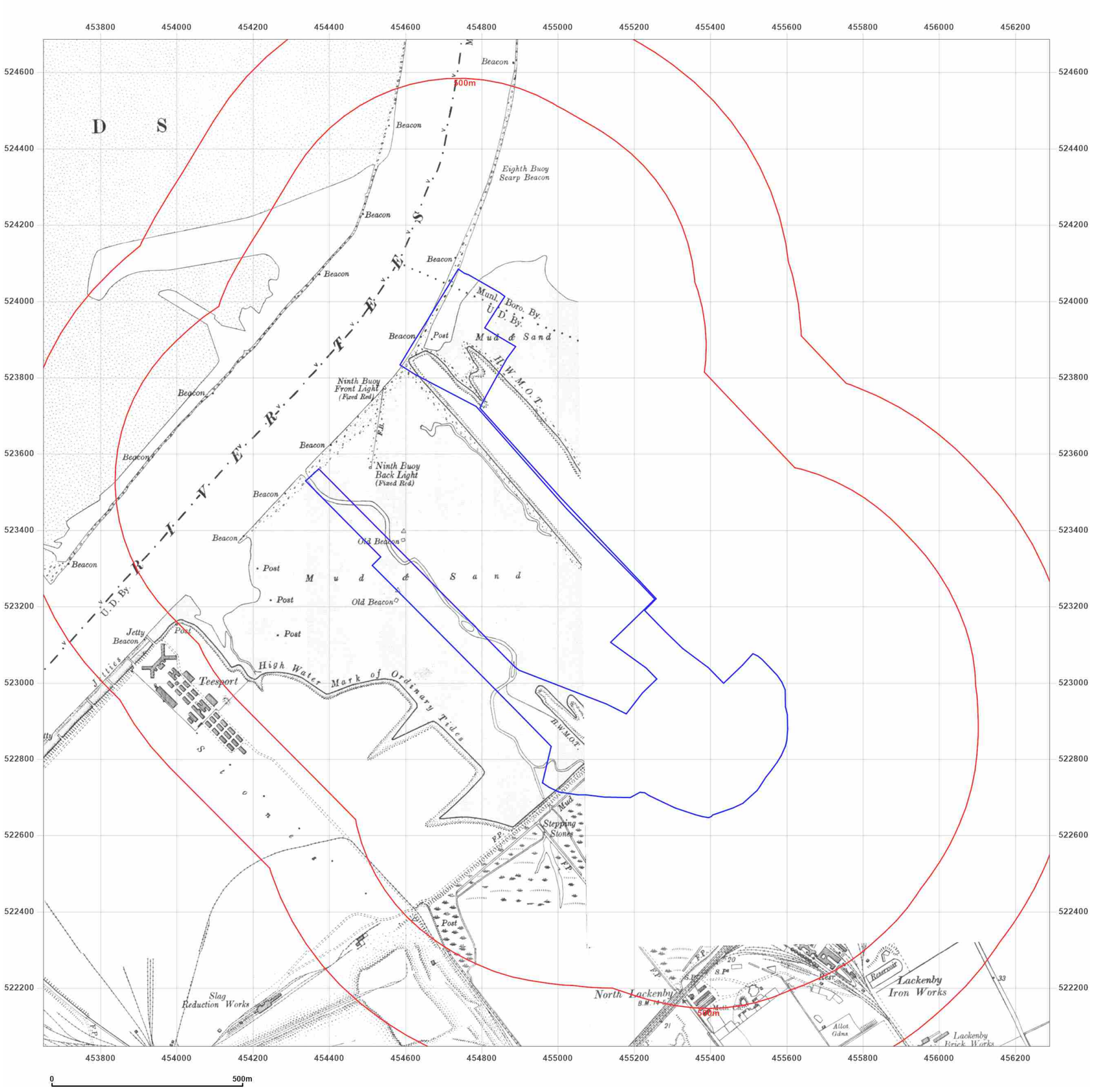
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

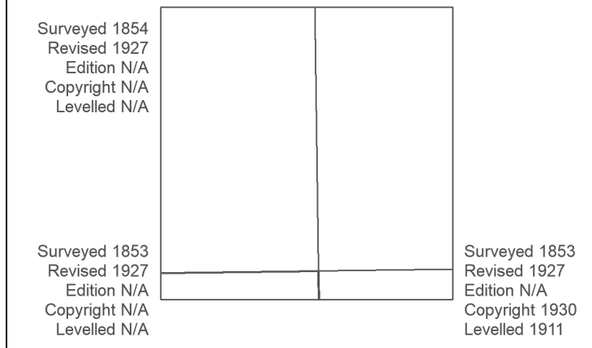
Map Name: County Series

Map date: **1927-1930**

Scale: 1:10,560

Printed at: 1:10,560

N
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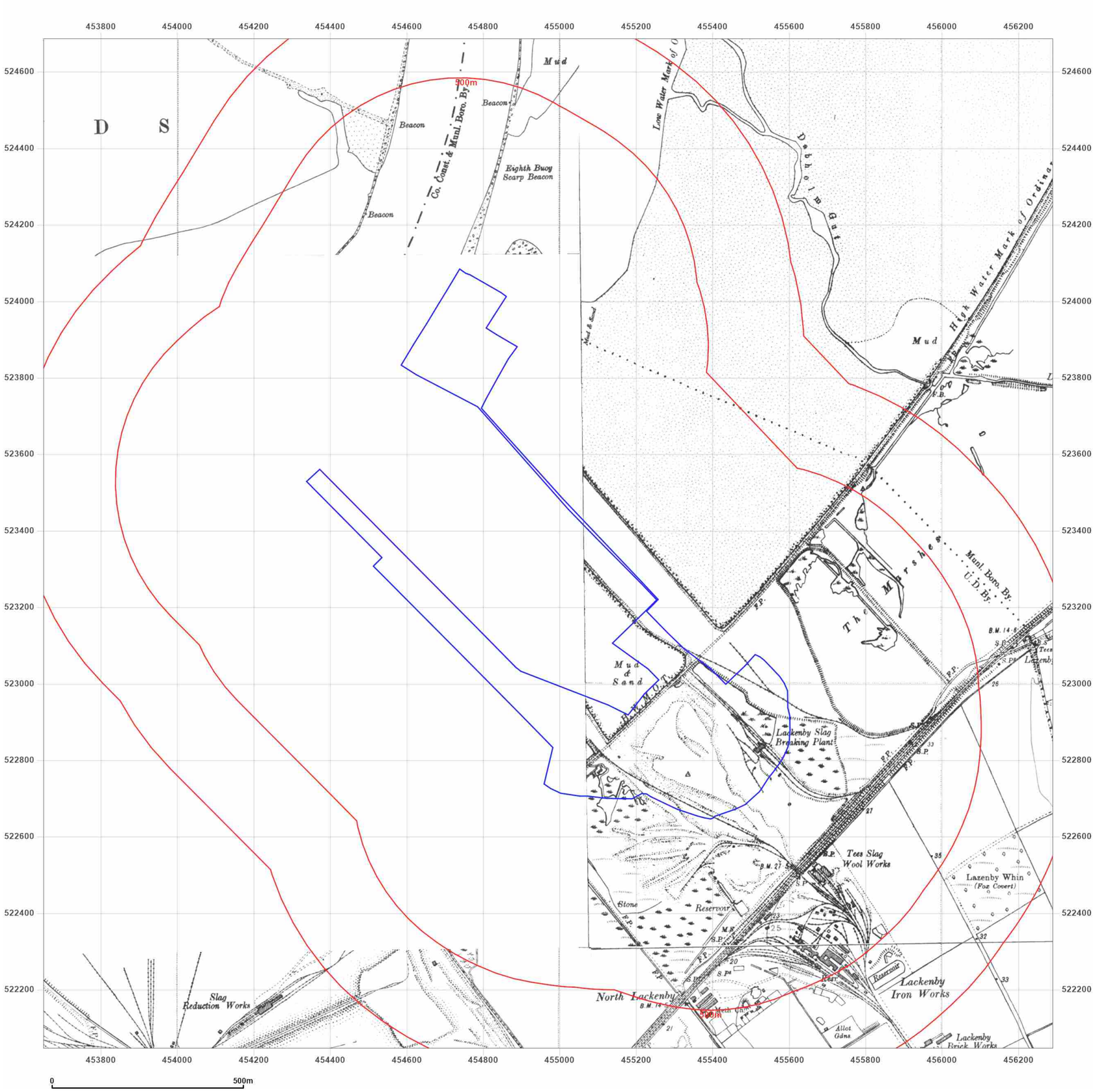
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1938-1940**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1856
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1853
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1853
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1853
Revised 1938
Edition N/A
Copyright N/A
Levelled N/A

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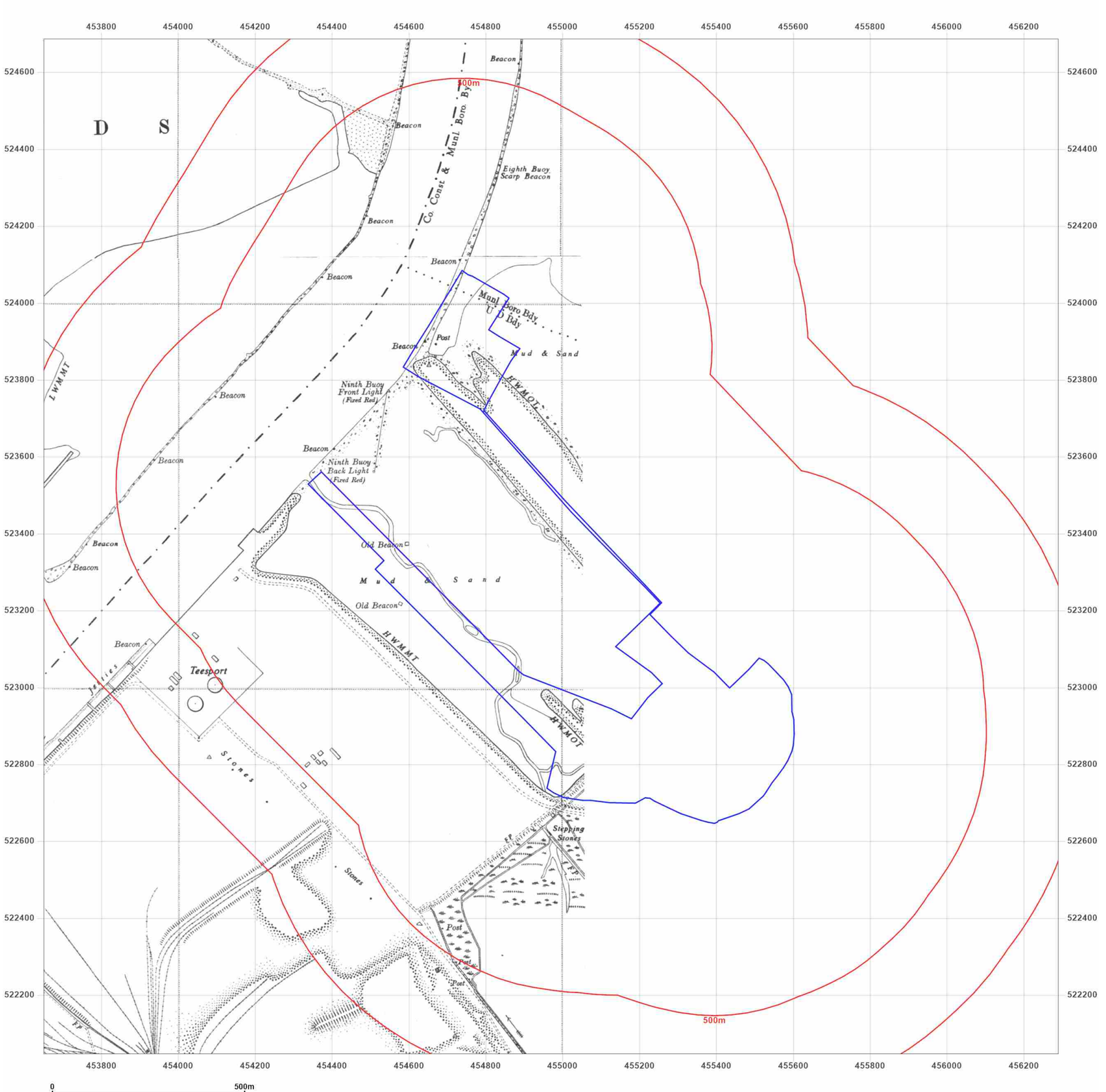
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: County Series

Map date: **1950**

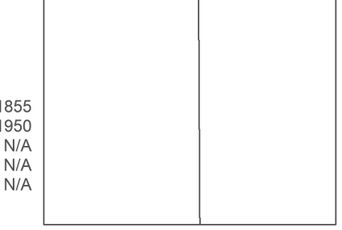
Scale: 1:10,560

Printed at: 1:10,560

N
W E
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Surveyed 1856
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1855
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A



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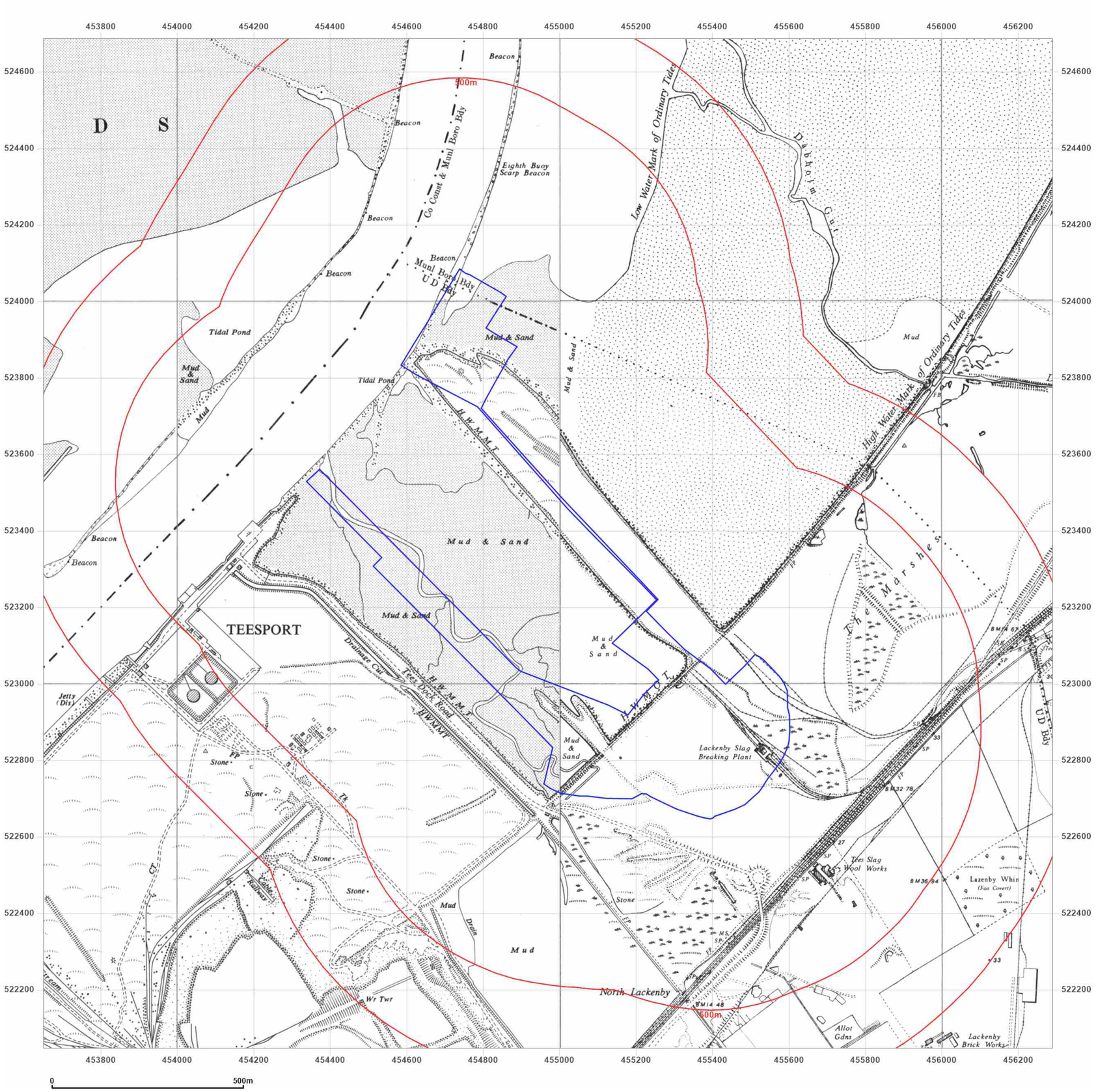
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: Provisional
Map date: **1952-1955**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

Surveyed 1950
Revised 1955
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised 1952
Edition N/A
Copyright 1952
Levelled N/A

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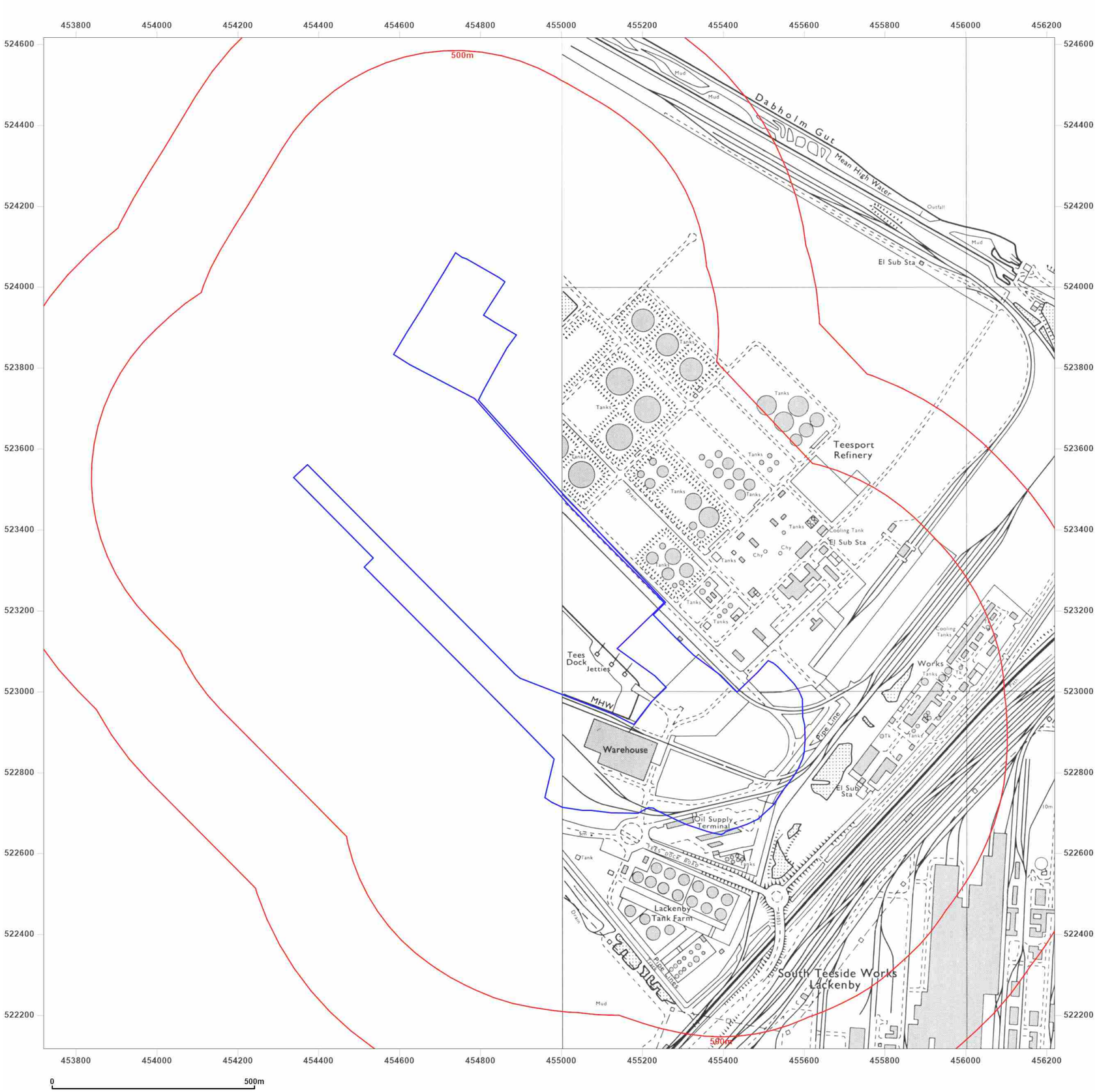
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: National Grid

Map date: **1974**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1973
Revised 1974
Edition N/A
Copyright N/A
Levelled N/A

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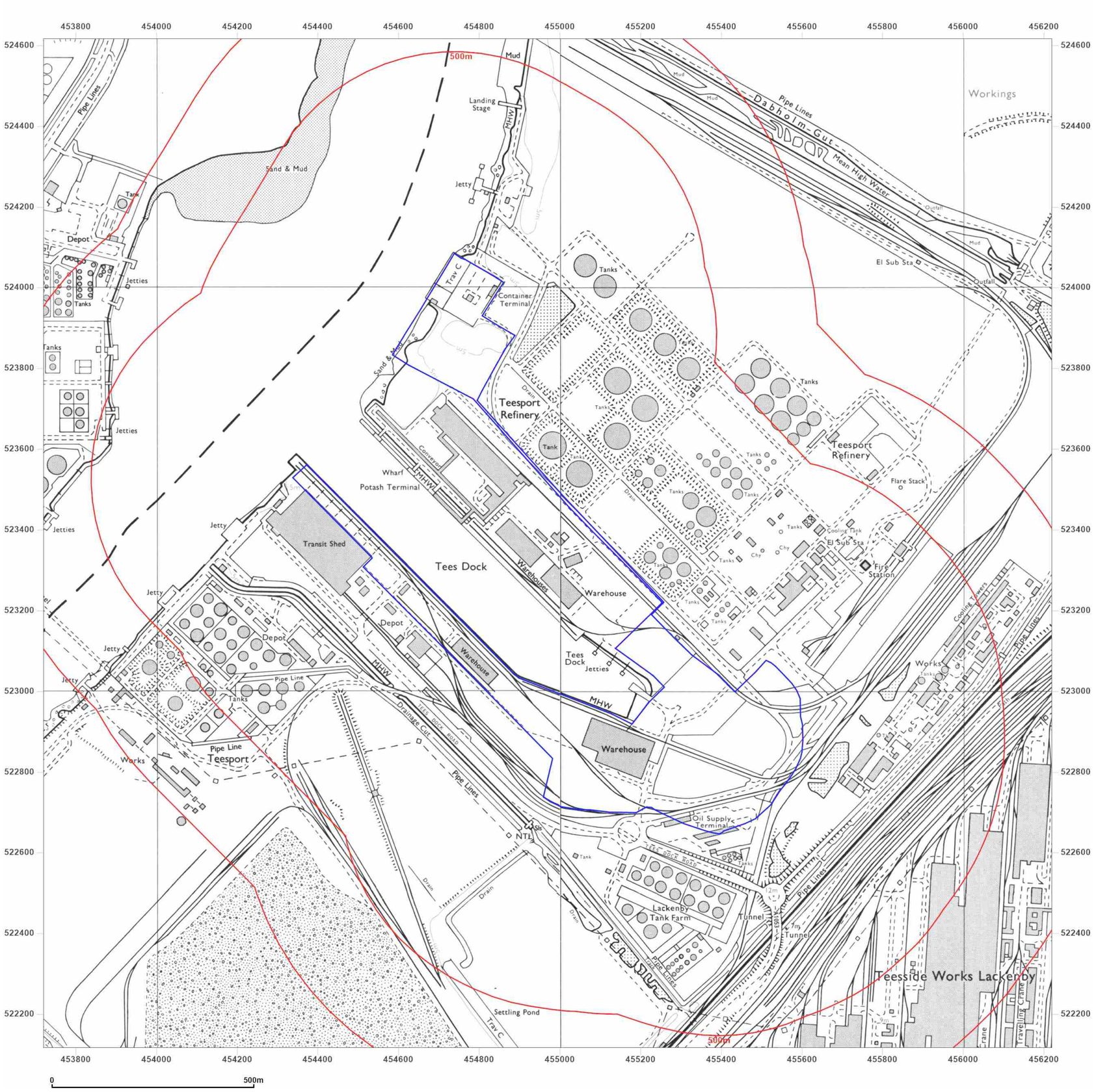
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: National Grid

Map date: **1983-1988**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1986
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1983
Revised 1983
Edition N/A
Copyright N/A
Levelled N/A

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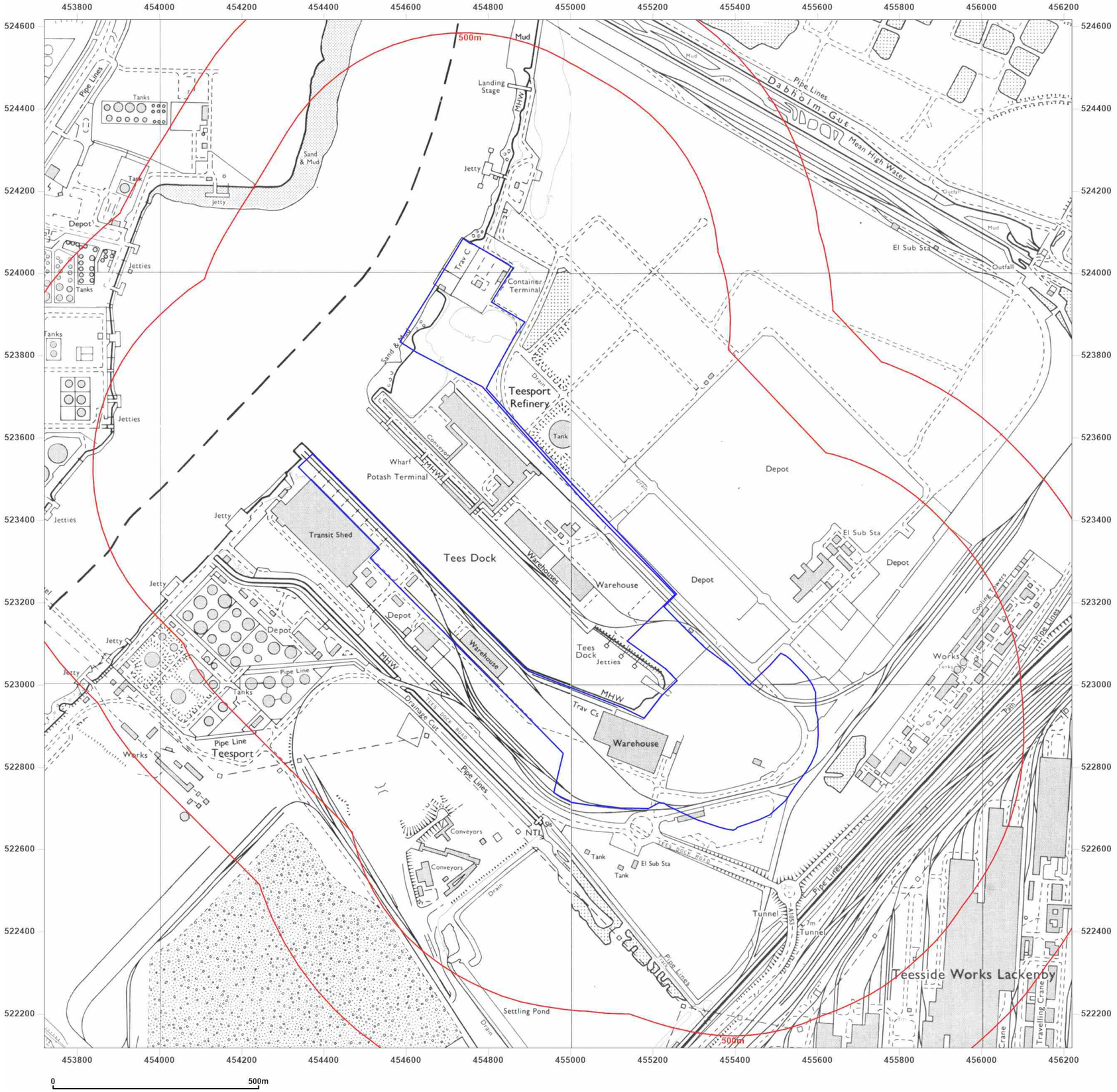
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: National Grid

Map date: **1991-1992**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1986
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1989
Revised 1991
Edition N/A
Copyright N/A
Levelled N/A

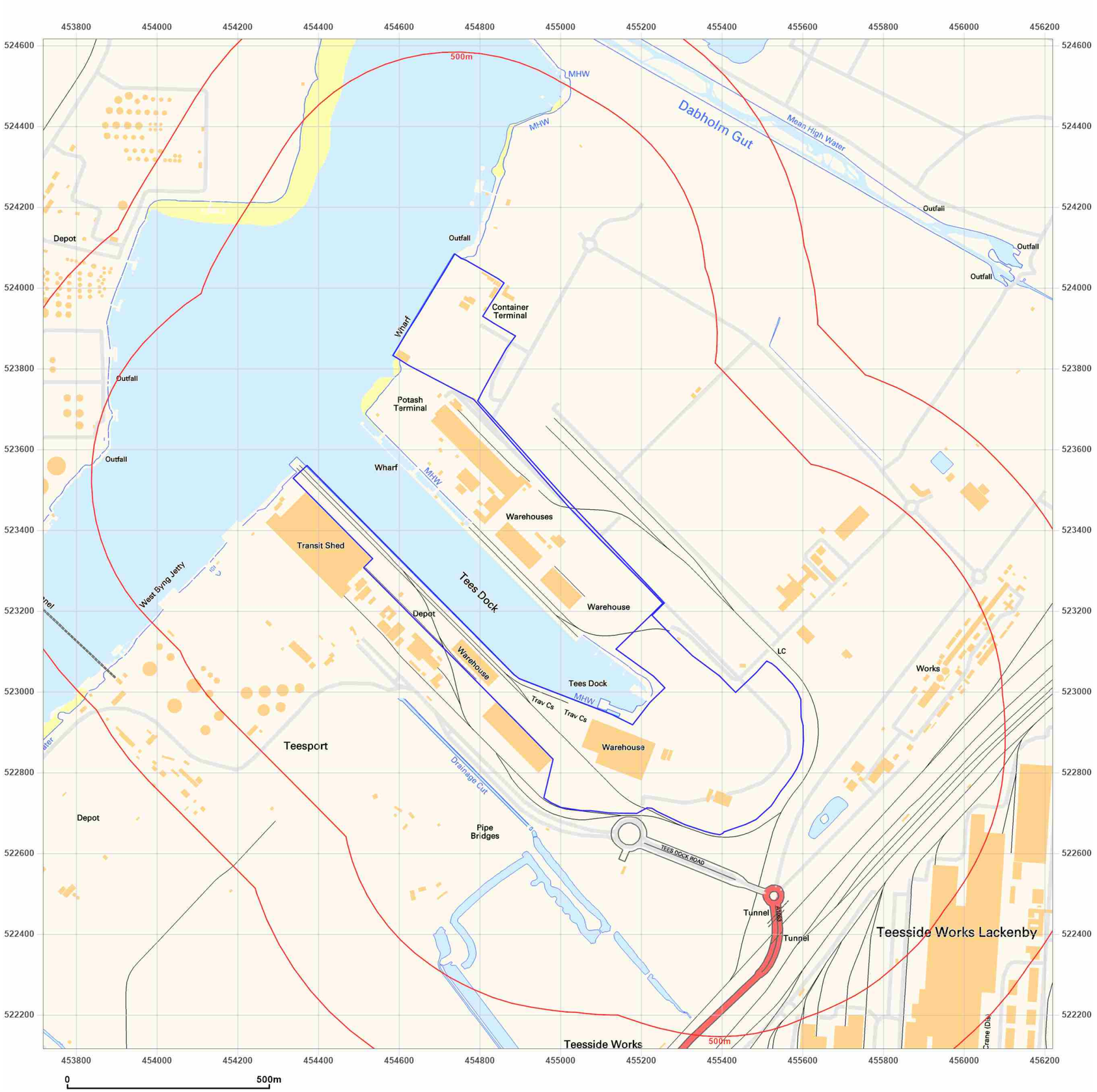
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: National Grid
Map date: **2001**
Scale: 1:10,000
Printed at: 1:10,000

N
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2001

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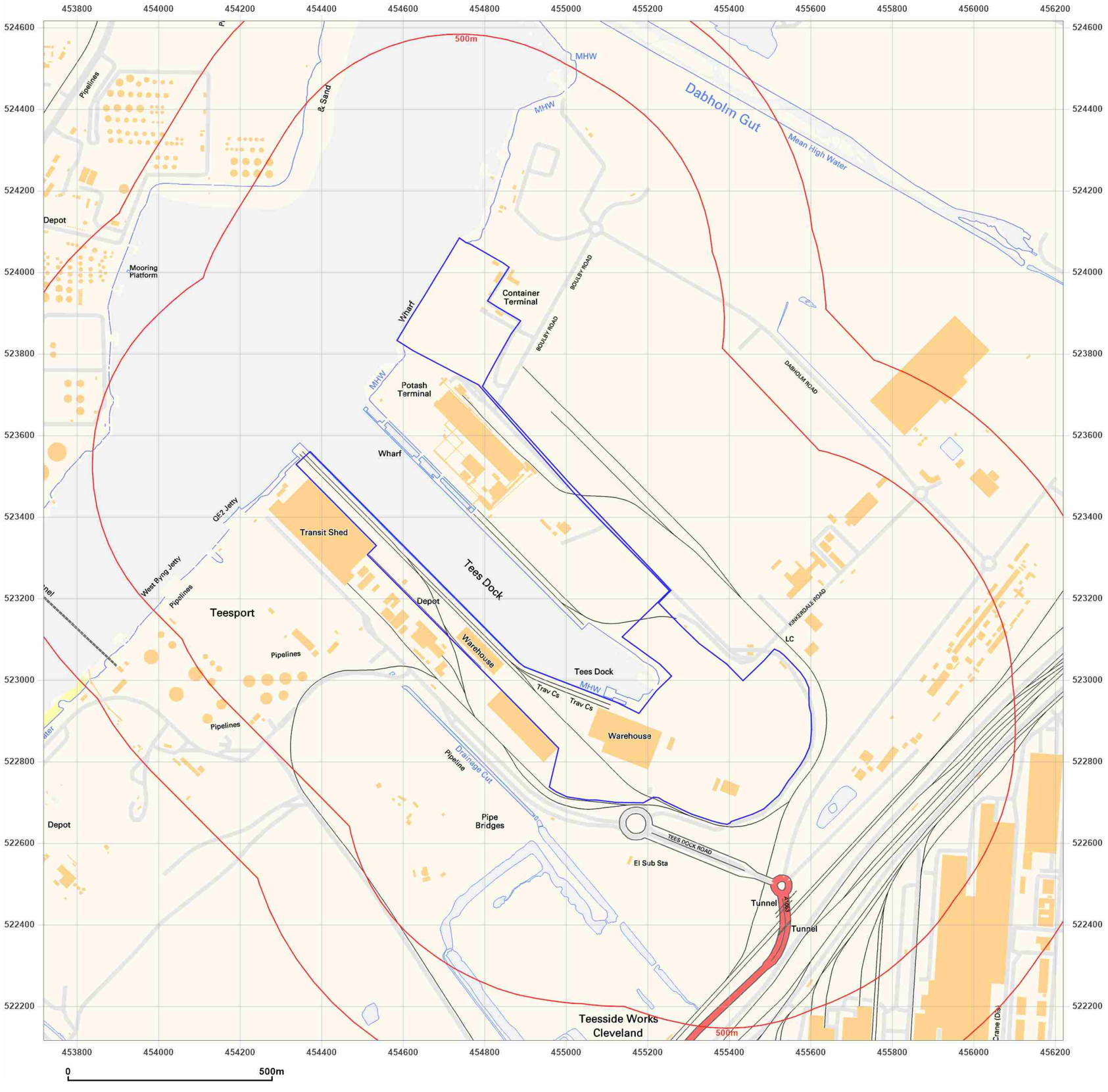
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Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N
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2010

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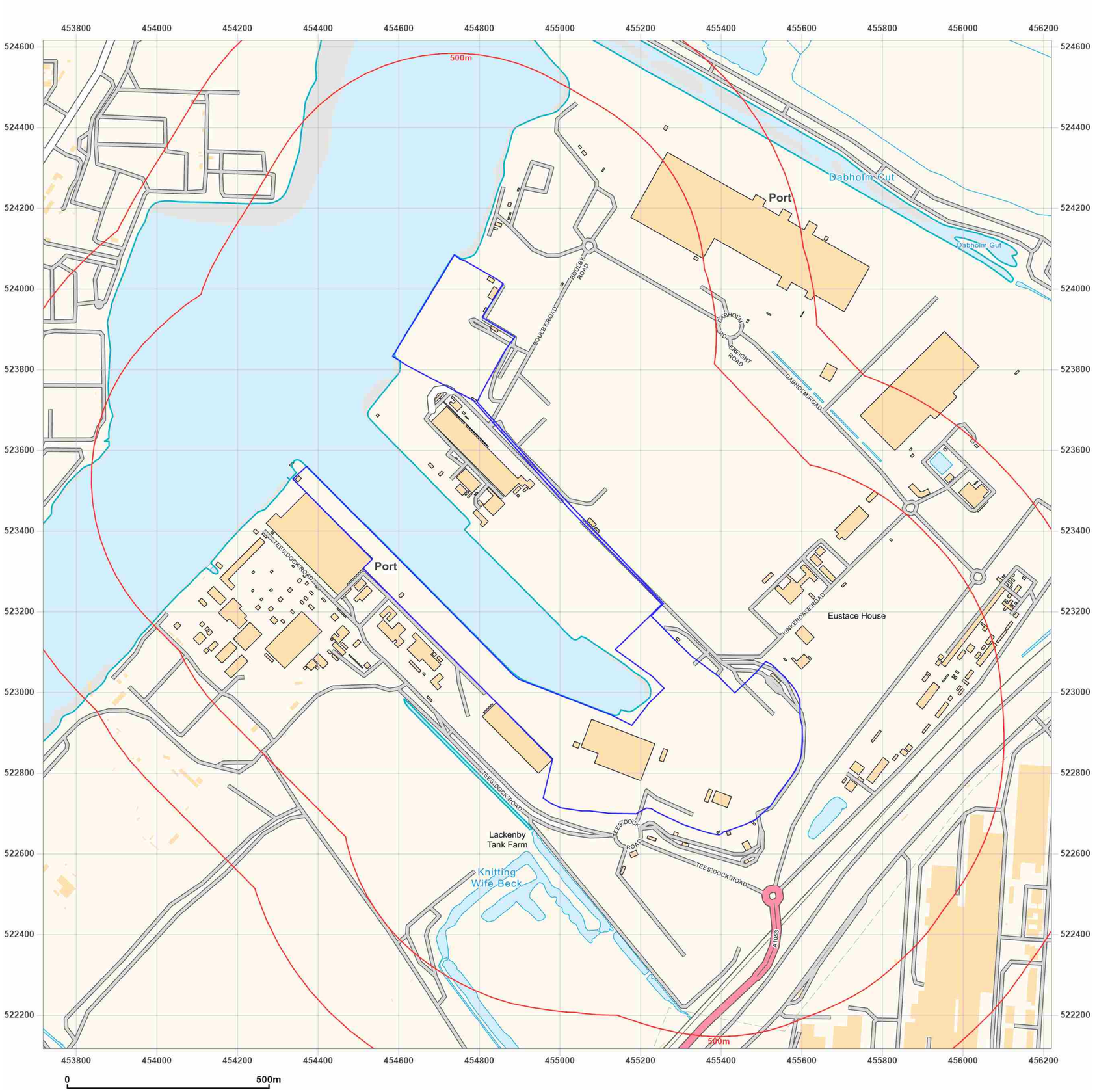
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EMAPSITE™

Site Details:

unspecified

Client Ref: EMS_988829_1230605
Report Ref: EMS-988829_1252673
Grid Ref: 454969, 523366

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

N
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2024

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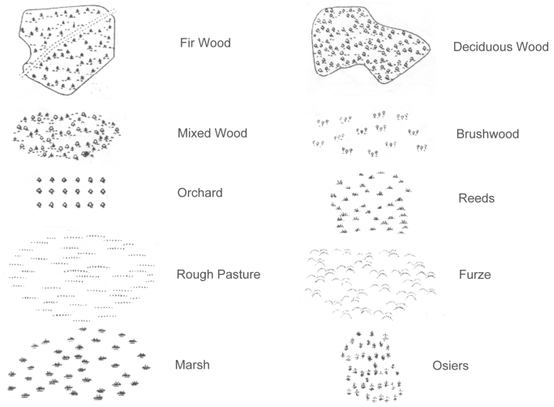
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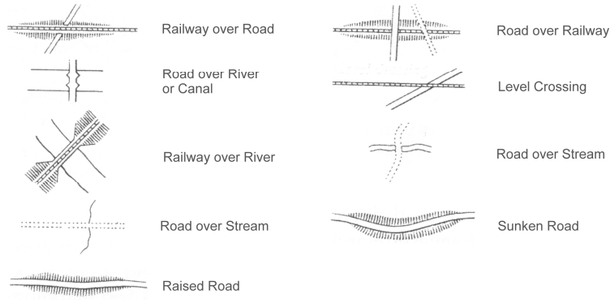
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County Series 1:10,560 scale

VEGETATION



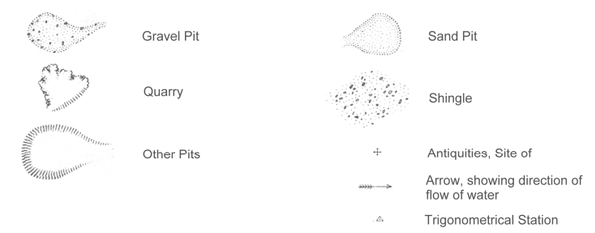
ROADS



RAILWAYS



GENERAL FEATURES



BOUNDARIES



National Grid 1:10,000 scale

HEIGHTS (METRES)

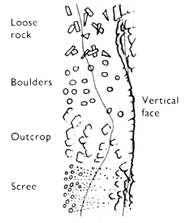
Values are given in metres above mean sea level at Newlyn.

Surface heights determined by: ground survey • 163m; air survey

Bench marks and their values are shown on large scale maps, and bench mark lists containing fuller and possibly later levelling information are obtainable from the Director General, Ordnance Survey.

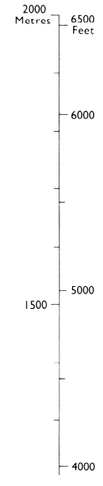
Contours are at 5 metres vertical interval.

ROCK FEATURES



CONVERSION SCALE

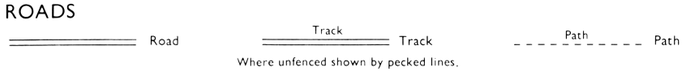
Metres - Feet



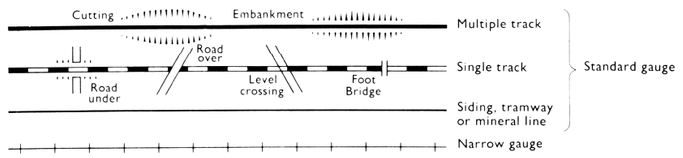
ABBREVIATIONS

BP,BS	Boundary Post or Stone	PO	Post Office
Ch	Church	PC	Public Convenience
CH	Club House	PH	Public House
F Sta	Fire Station	S	Stone
FB	Foot Bridge	Spr	Spring
Fn	Fountain	TCB	Telephone Call Box
GP	Guide Post	TCP	Telephone Call Post
MP,MS	Mile Post or Stone	TH	Town Hall
P	Pole or Post	W	Well
Pol Sta	Police Station	Y	Youth hostel

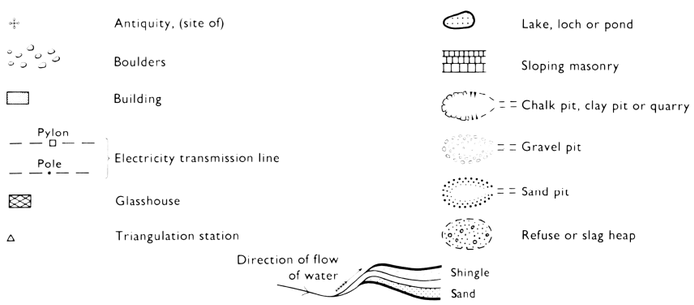
ROADS



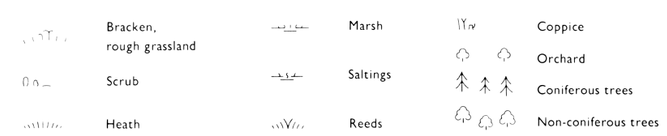
RAILWAYS



GENERAL FEATURES



VEGETATION



In some areas bracken ( ) and rough grassland ( ) are shown separately.

GroundSure

Historical Map Pack Legend

County Series & National Grid

1:10,560 scale

Information present on these legends is sourced from the same Ordnance Survey mapping as the maps used in this product.

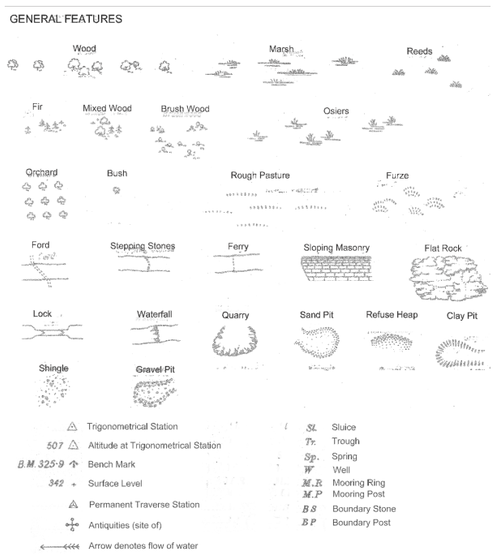
If you have a query regarding any of the maps provided please contact GroundSure's technical helpline. We will endeavour to answer any queries you may have.

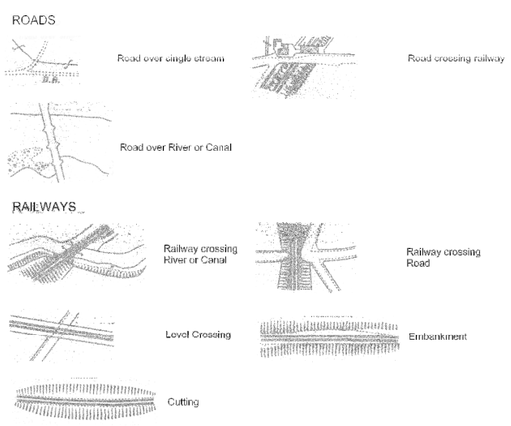
Technical Helpline

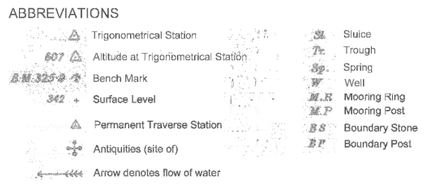
Tel 08444159000

groundsureinsight@groundsure.com
www.groundsure.com

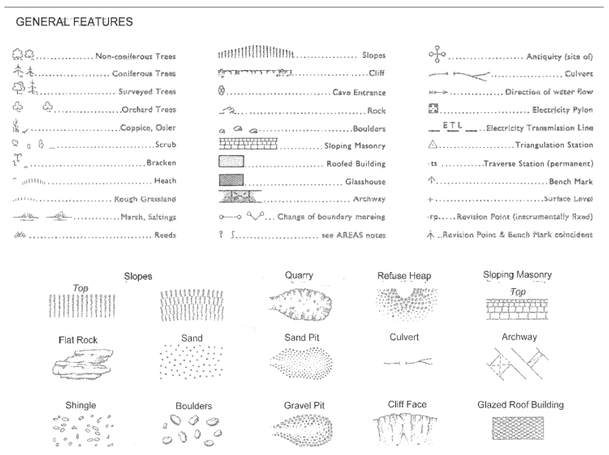
County Series 1:2,500 scale

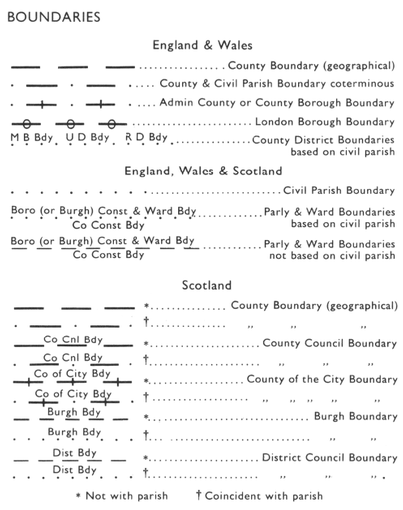


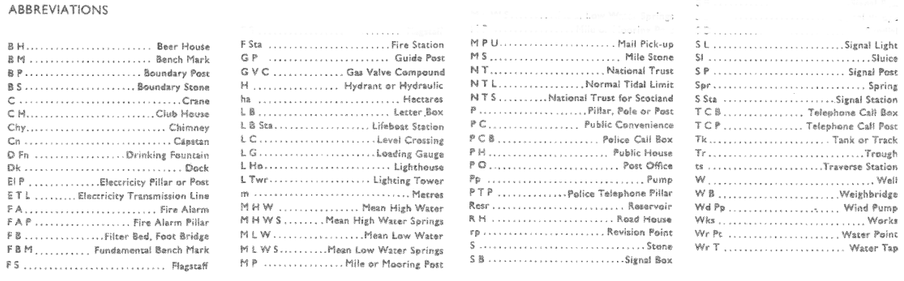




National Grid 1:2,500 / 1:1,250 scale







GroundSure

Historical Map Pack Legend

County Series

1:1,250 scale

~

County Series & National Grid

1:2,500 scale

Information present on these legends is sourced from the same Ordnance Survey mapping as the maps used in this product.

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Technical Helpline:

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Appendix C Zetica UXO Risk Map Output

Preliminary Land Quality Risk Assessment

Teesport Waste Storage Bespoke Environmental Permit Application

PD Teesport Limited

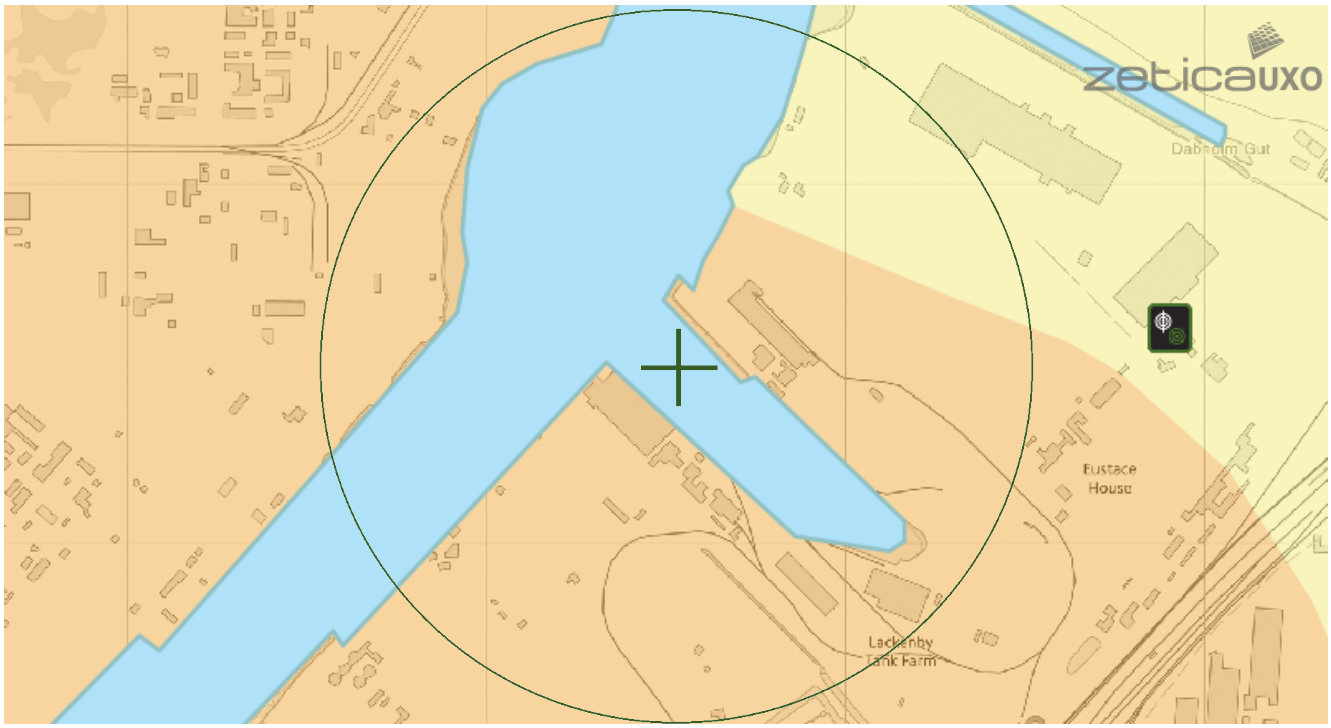
SLR Project No.: 416.065498.00002

26 November 2025

UNEXPLODED BOMB RISK MAP

SITE LOCATION

Location: Teesport, Redcar & Cleveland
Map Centre: 454500,523500



This map principally indicates a hazard from Unexploded Bombs (UXB) due to WWII bombardment. Other sources of Unexploded Ordnance (UXO) may be present. It should be noted that this map does not represent UXO risk and should not be reported as such when reproduced.

LEGEND

- **High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- **Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- **Low:** Areas indicated as having 15 bombs per 1000acre or less.

Miltary | **Industry** | **UXO find** | **Other**
Transport | **Docks** | **Luftwaffe targets**
Utilities | **Bombing decoy** | **Airfields**

How to use your Unexploded Bomb (UXB) risk map?

This map indicates the potential for UXBs to be present because of World War Two (WWII) bombing. It can be incorporated into a technical report, such as a Phase 1 Desk Study, or similar document as an indication of the potential for UXO encounter on a Site. Other sources of UXO may also be indicated, although note that these are not comprehensive and more detailed research is required to confirm their presence.

What if my Site is in a moderate or high density area?

We typically recommend that a detailed UXO desk study and risk assessment is undertaken for sites in an area with a moderate or high bombing density.
Additionally, if your site is in close proximity to a strategic target, military establishment, airfield or bombing decoy, then additional detailed research is recommended.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirm that there is a low potential for UXO to be present on your site, then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

If you are unsure whether other sources of UXO may be present, you can request one of our pre-desk study assessments (PDSA) by emailing a site boundary and location to pdsa@zetica.com.

You should never plan site work or undertake a risk assessment using these maps alone. More detail is required, to include an assessment of the likelihood of a source of UXO hazard from other military activity not reflected on these maps.

If I have any questions, who do I contact?

tel: +44 (0) 1993 886682 **email:** uxo@zetica.com **web:** www.zeticauxo.com

The information in this UXB risk map is derived from a range of sources and should be used with the accompanying notes on our website.

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgement. The copyright remains with Zetica Ltd.

Appendix D Photographic Log

Preliminary Land Quality Risk Assessment

Teesport Waste Storage Bespoke Environmental Permit Application

PD Teesport Limited

SLR Project No.: 416.065498.00002

26 November 2025

Teesport Waste Storage Bespoke Environmental Permit Application – Photographic Log

Photo 1: Northern strip of Land Parcel B, looking southeast

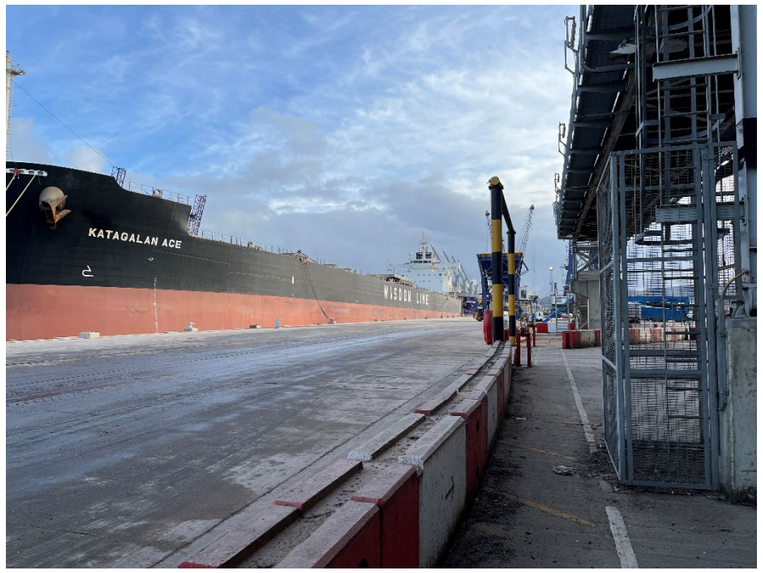


Photo 2: Northern strip of Land Parcel B, looking northwest



Photo 3: Large crane edge of port in Land Parcel B

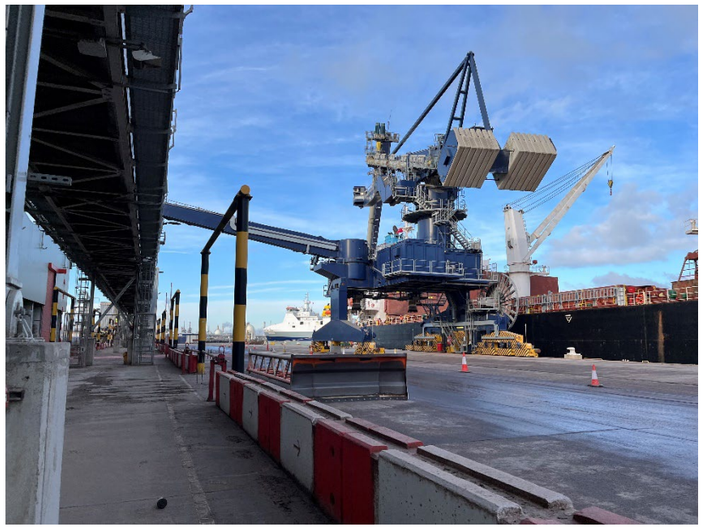


Photo 4: Northern strip of Land Parcel B, looking southeast, view of offsite warehouse and fuelling point



Photo 5: Northern strip of Land Parcel B, looking north, view of waste pile and gantry cranes at port.



Photo 6: Land Parcel B, looking southeast, view of offsite warehouse in centre of Land Parcel B



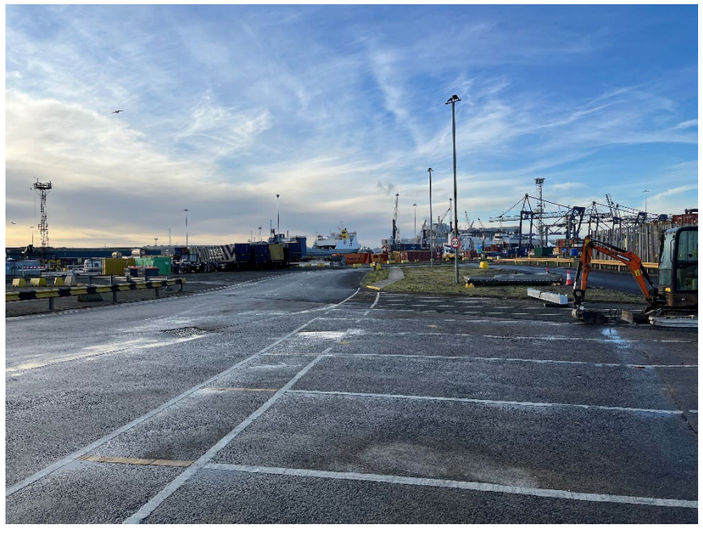
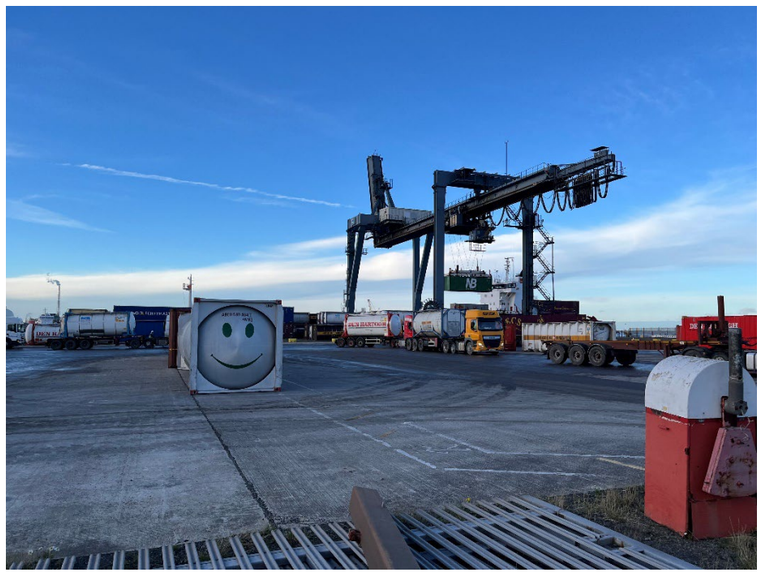
Photo 7: Eastern area of Land Parcel B, looking west.	Photo 8: Eastern area of Land Parcel B, looking east	Photo 9: Eastern area of Land Parcel B, looking north west
		
Photo 10: Entrance to Land Parcel B off Kinkerdale Road, looking southeast	**Photo 11: Fuel tank in Land Parcel B**	**Photo 12: Northern area of Land Parcel B, looking north**
		

Photo 73: Land Parcel A, looking north	Photo 14: Land Parcel A, looking southwest	Photo 15: Land Parcel A, looking west
		

Appendix E SLR PLQRA Approach

Preliminary Land Quality Risk Assessment

Teesport Waste Storage Bespoke Environmental Permit Application

PD Teesport Limited

SLR Project No.: 416.065498.00002

26 November 2025

SLR APPROACH TO PLQRA

Regulatory Context

Background

The regime advocates a precautionary approach to dealing with contaminated land, there is clear direction to avoid the "excessive cost burdens" of "wastefully expensive remediation".

The normal procedure for assessing land dictates that potential contaminant Sources, Pathways and Receptors should be considered within the context of potential contaminant linkages (PCL's) and that an evaluation of the risks associated with each linkage should drive decisions regarding the status of the land as contaminated, unaffected by contamination or requiring further investigation.

Part 2A of the Environmental Protection Act 1990

Under Part 2A the starting point should be that land is not contaminated land unless there is reason to consider otherwise. Only land where unacceptable risks are clearly identified, after a risk assessment has been undertaken in accordance with the Statutory Guidance, should be considered as meeting the Part 2A definition of contaminated land.

Under Part 2A, risks should be considered only in relation to the current use of the land. "Current use" means:

1. The use which is being made of the land currently;
2. Reasonably likely future uses of the land that would not require a new or amended grant of planning permission;
3. Any temporary use to which the land is put, or is likely to be put, from time to time within the bounds of current planning permission; and
4. Likely informal use of the land, for example children playing on the land, whether authorised by the owners or occupiers, or not.

Sites subject to Detailed Inspection under Part 2A by Local Authorities should be classified as Categories 1 to 4. For clarity:

- Category 1: describes land which is clearly problematic;
- Categories 2 and 3: cover the less straightforward land where detailed consideration is needed before deciding whether it is Category 2 (contaminated land requiring remedial action) or Category 3 (not contaminated land) - wider socio-economic factors come into play if health risks assessment fails to produce a decision; and
- Category 4: describes land that is clearly not contaminated land.

The Category 4 test is particularly important in defining when land is clearly not contaminated land in the legal sense; it introduces the idea that it would be exceptional for land: exhibiting normal background levels of contamination; or contaminant levels below published assessment criteria (which have been augmented by Category 4 screening concentrations for a limited

number of contaminants) to be considered as contaminated land.

Importantly, the 2012 guidance makes it clear that regulators can only require remediation to a point where land is no longer contaminated land in the legal sense (i.e. the boundary between Categories 2 and 3) and not require *"unnecessary"* clean up to attain Category 4 standards. This means some landowners / developers will choose a remedial end-point in Category 3 whilst others will still volunteer to clean-up to Category 4 (to deal with perception issues or to please funders, etc.).

Therefore exceedance of a generic risk based assessment criteria should simply trigger further risk assessment, rather than a requirement for remediation.

National Planning Policy Framework

This redevelopment project falls under the remit of the Planning Act and may be subject to both local and national planning policies.

The National Planning Policy Framework (NPPF) of February 2019 has a core aim to:

- Encourage the effective use of land by reusing land that has been previously developed (brownfield land), provided that it is not of high environmental value.
- The NPPF states the planning system should contribute to and enhance the natural and local environment by:
    - Clause 118c - giving substation weight to the value of using sustainable brownfield land within settlements for homes and other identified needs, and support appropriate opportunities to remediate despoiled, degraded, derelict, contaminated or unstable land; and
    - Clause 170b - preventing both new and existing development from contributing to or being put at unacceptable risk from, or being adversely affected by unacceptable levels of soil, air, water or noise pollution or land instability; and

Furthermore the NPPF says that planning policies and decisions should also ensure that:

- Clause 178a - a site is suitable for its new use taking account of ground conditions and land instability, including from natural hazards or former activities such as mining, pollution arising from previous uses and any proposals for mitigation including land remediation or impacts on the natural environment arising from that remediation; and that
- Clause 178b - after remediation, as a minimum, land should not be capable of being determined as contaminated land under Part 2A of the Environmental Protection Act 1990 (meaning Category 3 or 4).
- Clause 178c – adequate site investigation information, prepared by a competent person, is able to inform these assessments.

The national planning policy directs those involved in development to ensure sites are suitable for use and not be capable of being determined as contaminated land under Part 2A – which means that the category of land, post remediation (if required) should be considered.

Approach to Qualitative Risk Assessment

The qualitative risk assessment is underpinned by the Preliminary conceptual site model (CSM) which identifies the hazards (source of contamination) and sets out the potential pollutant linkages with a view to identifying the nature and magnitude of the potential risks to receptors.

This requires consideration of the probability or likelihood of the linkage occurring and the severity/significance of the potential consequence taking into account the nature of the pollutant linkage and the potential severity of the hazard coupled with the sensitivity of the receptor within the context of the current and/or envisaged land use.

A classification of: consequence/severity, probability/likelihood and risk together with definitions are presented in the various tables within this appendix.

The tables provide a logical and consistent framework for assessing the potential risk by defining the categories of consequence severity, probability/likelihood of occurrence and levels of risk also referred to as 'risk terms' which follows current best practice.

The first step is to establish the consequence/severity (Table 1) and probability/likelihood (Table 2) before combining/comparing them to establish the risk category or term (Table 3). The resultant risk class is defined in Table 4.

It is worth noting that the classification of the consequence (severity) does not take account of the probability (likelihood) of that consequence being realised. Hence a 'sever' consequence refers to acute (short term) risk and a 'medium' consequence refers to a chronic (long term) risk as would be the case of carcinogens and asbestos etc.

Table 1 – Classification of Consequences

Classification	Definition
Severe	• Acute Risks to human health. • Short-term risk pollution of controlled waters or significant impact on controlled waters e.g. large scale pollution or very high levels of contamination equivalent to EA category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on operational effectiveness and/or amenity value or major damage to agriculture or commerce. • Catastrophic damage to buildings or property (e.g. explosion causing building collapse). • Ecological system effects – immediate risks of major damage which is likely to result in: irreversible substantial adverse changes in the functioning of the ecosystem or harm to a species of special interest that endangers the long-term maintenance of the population.
Medium	• Chronic risks to human health. • Pollution of sensitive water resources (e.g. leaching of contaminants into controlled waters) that is the equivalent of the EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors;

	reduction in amenity value or significant damage to site operations, agriculture or commerce. • Ecological system effects – Immediate risks of significant damage which may result in substantial adverse changes to the ecosystem's functioning or harm to a species of special interest that may endanger the long-term maintenance of the population. • Significant damage to buildings, structures and services (e.g. Damage rendering a building unsafe to occupy, such as foundation damage).
Mild	• Non-permanent health effects to human health (exposure unlikely to lead to 'significant' harm). • Pollution of controlled waters or non-sensitive water resources (e.g. Pollution of non-classified groundwater) that is equivalent to an EA Category 3 pollution incident or short lived effect on water quality; marginal effect on operational capability, amenity value, agriculture or commerce. • Minor damage to buildings, structures and services (e.g. Damage rendering a building unsafe to occupy, such as foundation damage). • Ecological systems effects – minor or short-term damage which is unlikely to result in substantial adverse changes to the ecosystem's functioning or harm to a species of special interest that may endanger the long-term maintenance of the population. • Substantial damage to non-sensitive environments (unprotected ecosystems e.g. Crops).
Minor/Negligible	• No measurable effects on human health including non-permanent health effects to human health that are easily prevented by appropriate use of PPE etc. • Minor pollution of controlled waters including non-sensitive water resources with no discernible effect on water quality or ecosystems. • Minor damage to non-sensitive environments (unprotected ecosystems e.g. Crops) • Easily repairable effects of damage to buildings, structures, services or the environment (e.g. Discoloration of concrete, loss of plants in a landscaping scheme).

Table 2 - Classification of Probability

(Only applies is there is a possibility of a pollutant linkage being present)

Classification	Definition	Probability
High Likelihood	There is a pollutant linkage and an event is High Likelihood to occur in the short term, and is almost inevitable over the long term OR there is evidence of harm or pollution	>95% Likelihood of Consequence Occurring
Likely	There is a pollutant linkage and it is probable than an event will occur. It is not inevitable, but possible in the short term and likely over the long	50-95% likelihood of Consequence Occurring.

	term	
Low Likelihood	There is a pollutant linkage and circumstances are possible under which an event could occur. It is by no means certain that even over a longer period such an event would take place, and less likely in the short term	5 – 49% Likelihood of Consequence Occurring
Unlikely	There is a pollutant linkage and it is improbable that an event would occur even in the very long term	5% Likelihood of Consequence Occurring

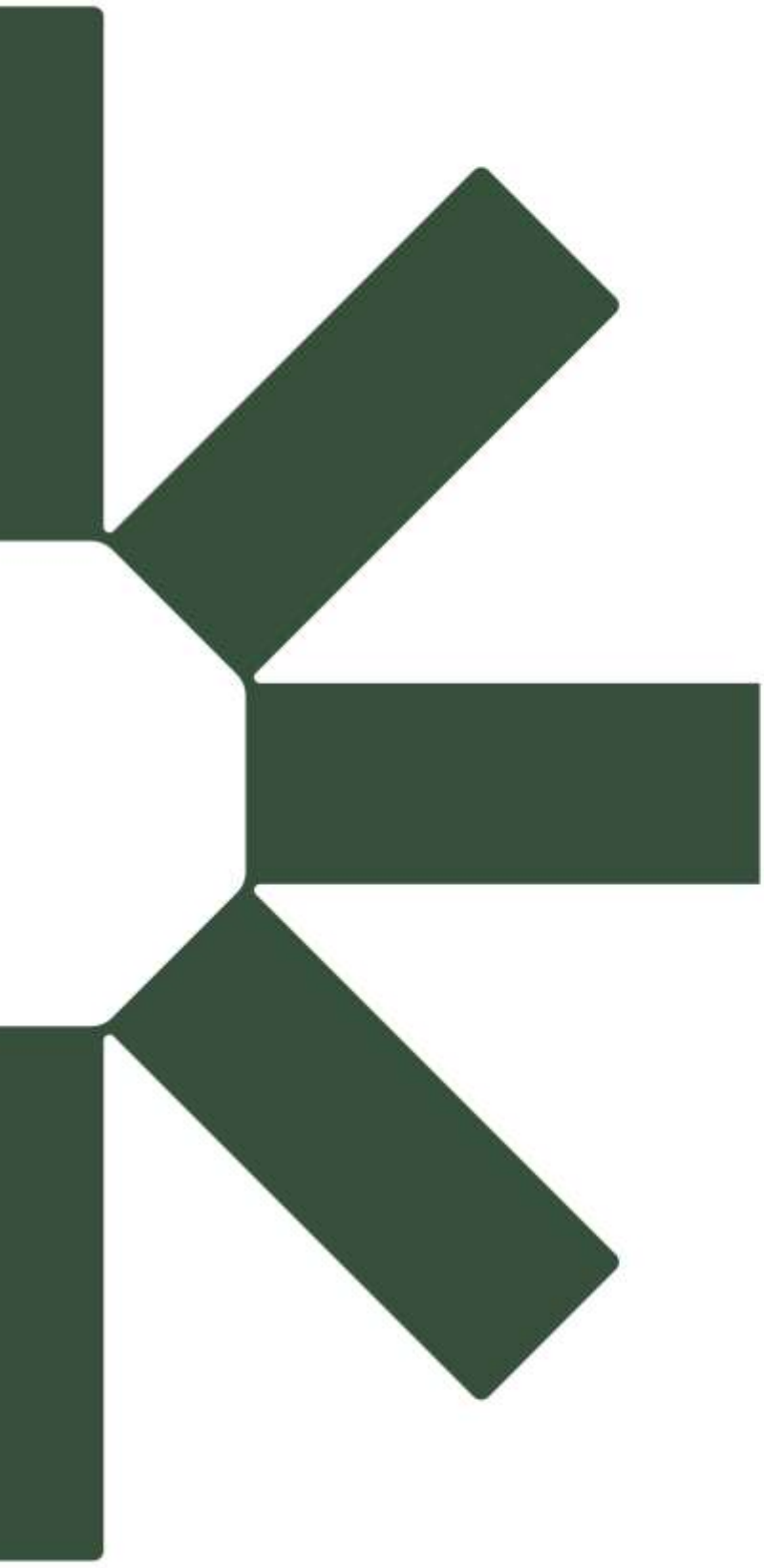
Table 3 – Classification of Risk (Significance)

Probability (Likelihood)	Consequence				
		Severe	Medium	Mild	Minor
	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate/Low
	Likely	High Risk	Moderate Risk	Moderate/Low	Low Risk
	Low Likelihood	Moderate Risk	Moderate/Low	Low Risk	Negligible Risk
	Unlikely	Moderate/Low	Low Risk	Negligible Risk	Negligible Risk

Table 4 – Definitions of Classified Risks/Risk Terms

Classification	Definition
Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not already undertaken) and remediation is likely to be required.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not already undertaken) is required and remedial works may be necessary in the short term and are likely over the long term.
Moderate Risk	It is possible that harm could arise to a designated receptor from an identified hazard. However, if is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Moderate/Low Risk	Possible that harm could arise to a receptor, but where a combination of likelihood and consequence results in a risk that is above low, but is not of sufficient concern to be classified as mild. It can be driven by cases where there is an acute risk which carries a severe consequence, but where the exposure is unlikely. Such harm would at worse normally be mild. Limited further investigation may be required to clarify the risk and liability. If necessary remediation works likely to be limited in extent.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.

Negligible Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.
No Potential Risk	There is no potential risk where no pollutant linkage has been established. No liability.



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