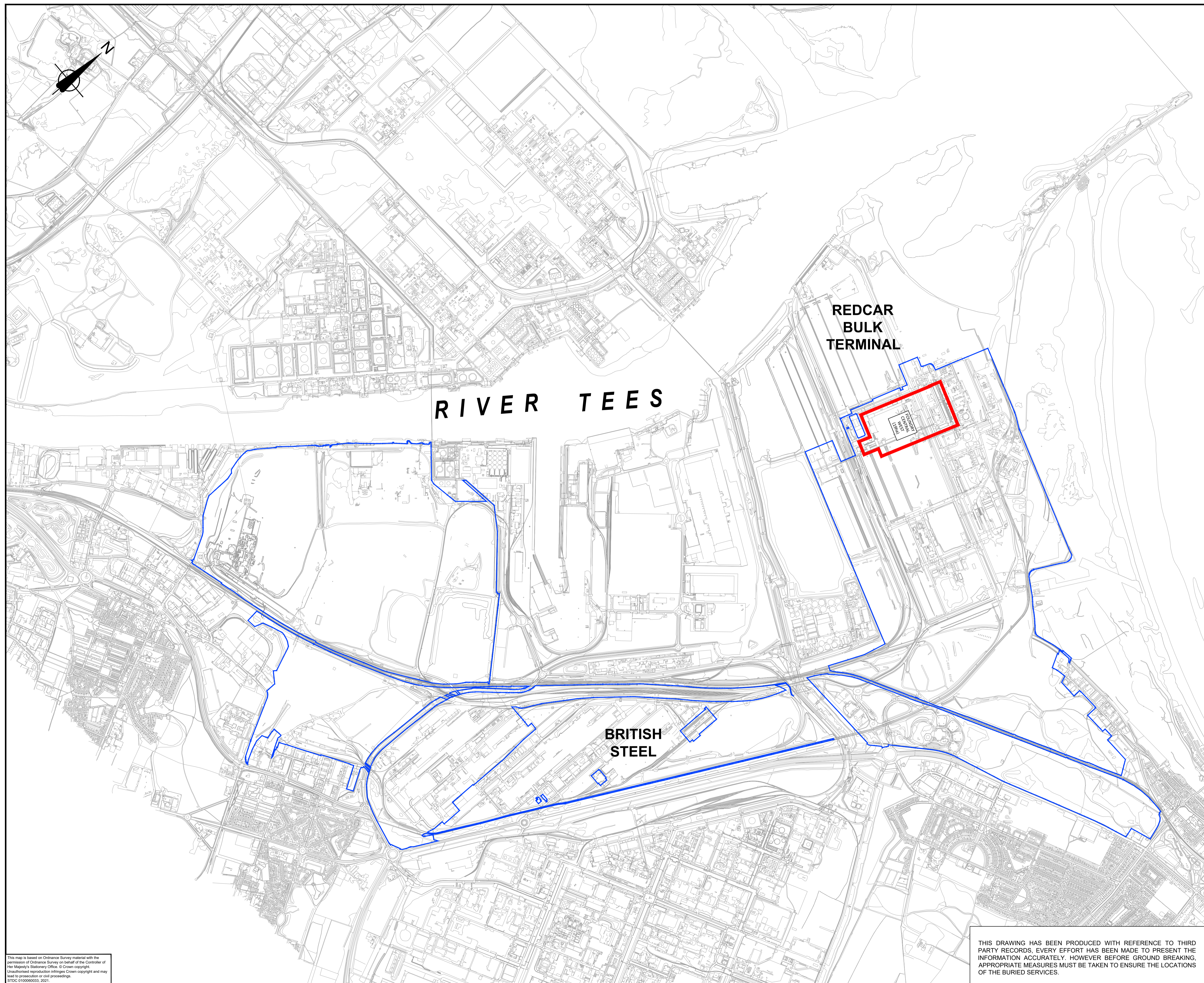


100  
Millimetres  
0 10  
DO NOT SCALE



**NOTES**

- 1. Do not scale from this drawing.

**KEY**

- STDC BOUNDARY
- FOUNDRY CENTRAL WEST BOUNDARY

**INFORMATION**

B	16/12/2023	UPDATED BOUNDARY	KW	KW	JMC
A	16/12/2023	FIRST ISSUE	JH	KW	JMC
Rev.	Date	Description	By	Chk'd	App'd

STDC  
Teesside Management Offices,  
Redcar, TS10 5JW  
www.southteesdc.com



Project Title:  
**TEESWORKS**  
The UK's largest industrial zone

Drawing Name:  
**FOUNDRY CENTRAL WEST  
SITE LOCATION PLAN**

Drawn by: JH Date: DEC 2023  
Checked by: KW Date: DEC 2023  
Approved by: JMC Date: DEC 2023

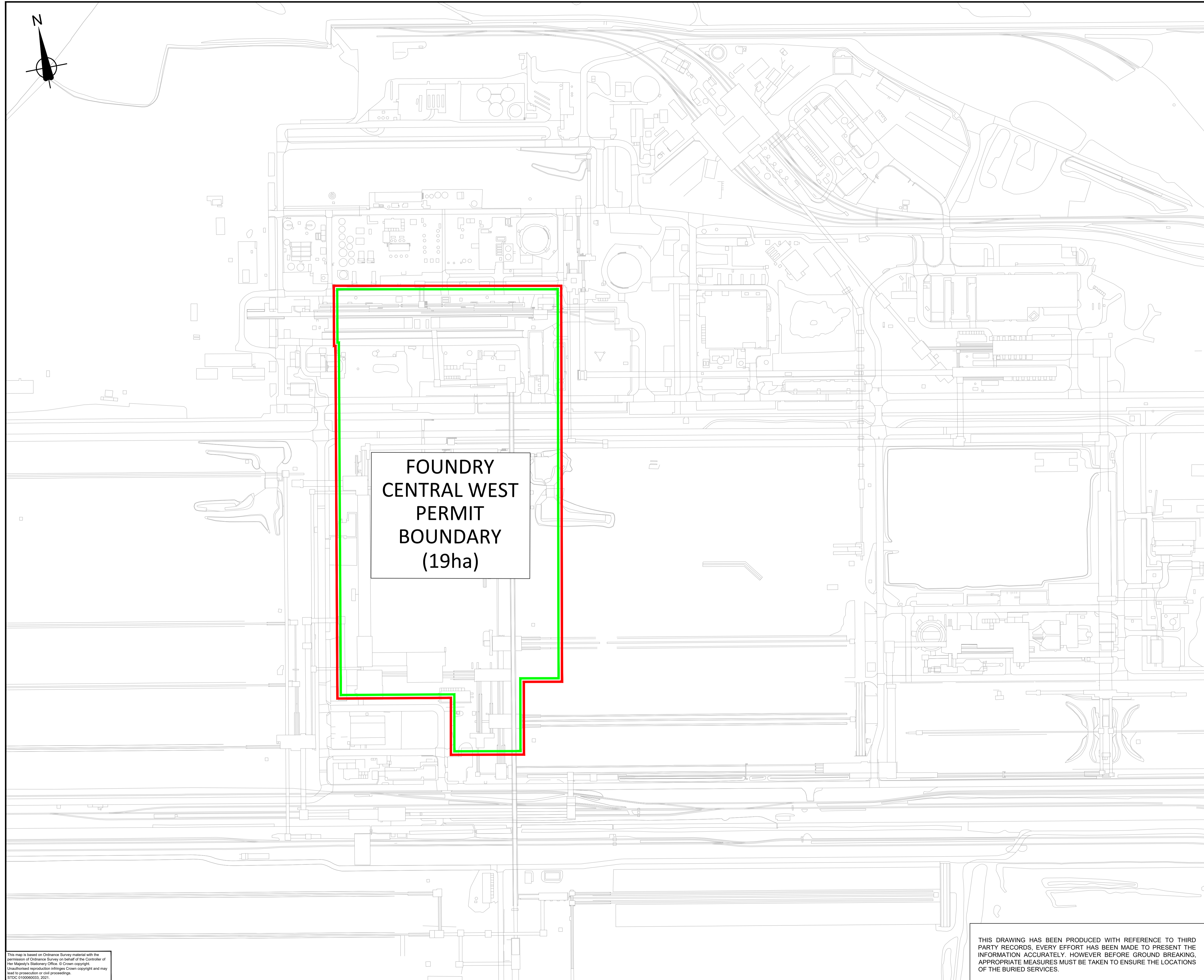
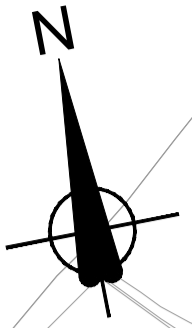
Drawing Number: TSWK-STDC-FDR-ZZ-DR-C-0018  
Revision: B  
Drawing Scale: 1: 12,500  
Page Size: A1

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DO NOT SCALE



Millimetres  
0 10 100



**NOTES**

- 1. Do not scale from this drawing.

**KEY**

-  FOUNDRY CENTRAL WEST LEASE BOUNDARY
-  FOUNDRY CENTRAL WEST PERMIT (REMEDIATION) BOUNDARY (5m BUFFER)

**INFORMATION**

Rev.	Date	Description	By	Chk'd	App'd
A	19/10/24	UPDATED FCW BOUNDARY	KW	JM	JMC
A	19/10/24	PHASE 1 CUT FILL BOUNDARY	KW	JM	JMC

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Redcar, TS10 5JW  
www.southteesdc.com



Project Title:  
**TEESWORKS**  
The UK's largest industrial zone

Drawing Name:  
**FOUNDRY CENTRAL WEST PERMIT BOUNDARY PLAN**

Drawn by: KW Date: JAN 2024  
Checked by: JM Date: JAN 2024  
Approved by: JMC Date: JAN 2024

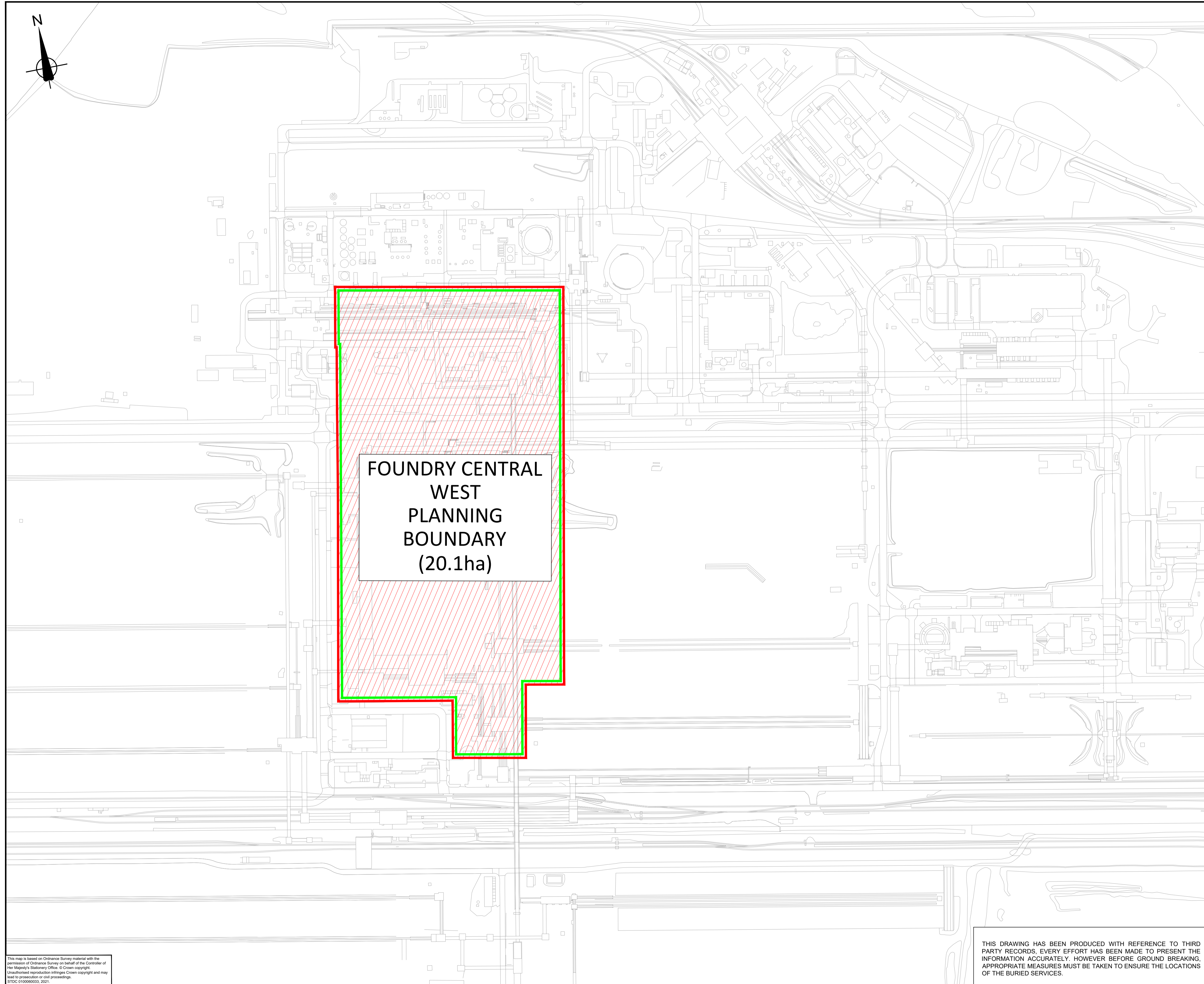
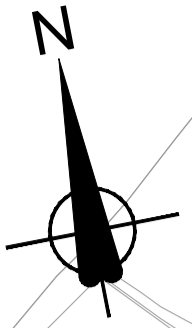
Drawing Number: TSWK-STDC-FDR-ZZ-DR-C-0019  
Revision: B  
Drawing Scale: 1:2500  
Page Size: A1

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DO NOT SCALE

Millimetres  
0 10 100






FOUNDRY CENTRAL  
WEST  
PLANNING  
BOUNDARY  
(20.1ha)

### NOTES

1. Do not scale from this drawing.
2. The treatment and backfill area will encompass the entire site. The welfare compound, plant and equipment will move around depending on the Contractor's programme.
3. On completion, the site will be left with a permeable running surface tied in to surrounding development plot elevations.
4. All encountered services and ducting will be removed to the site boundary.

### KEY

-  FOUNDRY CENTRAL WEST LEASE BOUNDARY
-  FOUNDRY CENTRAL WEST PLANNING (REMEDIATION) BOUNDARY (5m BUFFER)
-  AREA OF MATERIAL RECOVERY

## INFORMATION

B	26/01/2024	UPDATED BOUNDARY	KW	-	-
A	26/01/2024	FIRST ISSUE	JH	-	-
Rev.	Date	Description	By	Chk'd	App'd

STDC  
Teesside Management Offices,  
Redcar, TS10 5LW  
www.southteesdc.com



Project Title:  
**TEESWORKS**  
The UK's largest industrial zone

Drawing Name:  
**FOUNDRY CENTRAL WEST  
AREA OF MATERIAL RECOVERY**

Drawn by: JH Date: 26.01.2024  
Checked by: - Date: -  
Approved by: - Date: -

Drawing Number: TSWK-STDC-FDR-ZZ-DR-C-0022 Revision: **B**

Drawing Scale: 1:2500 Page Size: **A1**

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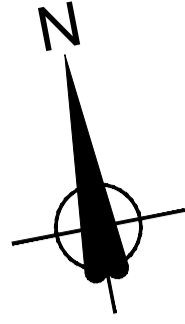
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DO NOT SCALE

Millimetres

0 10

100



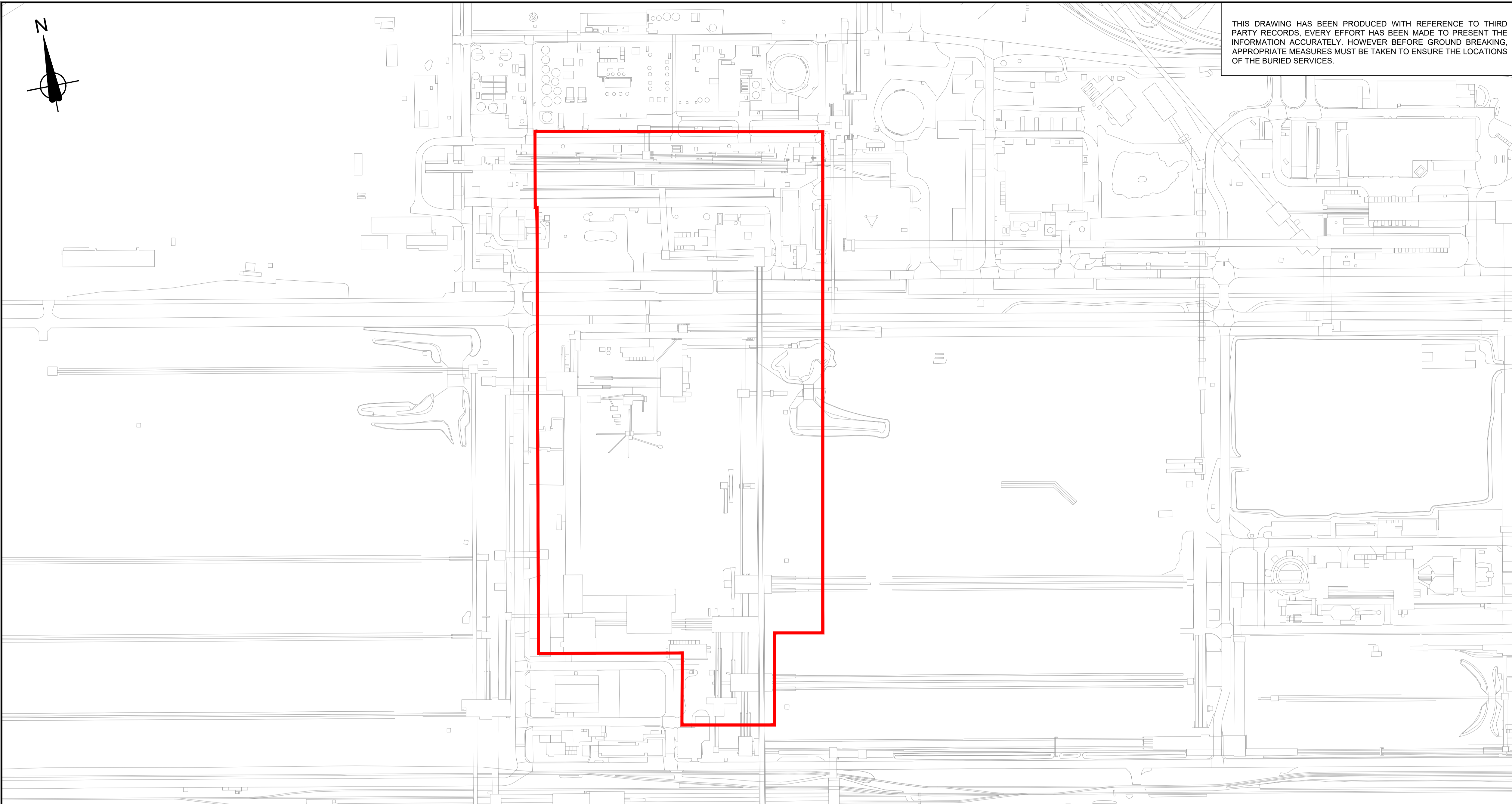
THIS DRAWING HAS BEEN PRODUCED WITH REFERENCE TO THIRD PARTY RECORDS. EVERY EFFORT HAS BEEN MADE TO PRESENT THE INFORMATION ACCURATELY. HOWEVER BEFORE GROUND BREAKING, APPROPRIATE MEASURES MUST BE TAKEN TO ENSURE THE LOCATIONS OF THE BURIED SERVICES.

**NOTES**

1. Do not scale from this drawing.
2. Volumes are unbulked based on calculated cut and fill. Actual volumes to be deposited will be bulked, of a factor estimated at 30%.
3. Reference should be made to AtkinsRéalis Waste Recovery Plan for detail on cut/fill assumptions (ref. RCOX-ATK-ENV-FDRXX-RP-EN-000001)

**KEY**

█ FOUNDRY CENTRAL WEST PERMIT REMEDIATION BOUNDARY (5m BUFFER)



SITE AREA	PLAN AREA (m2)	PLATFORM LEVEL (M AOD)	REMEDIGATION DIG LEVEL (M AOD)	CUT FROM EXISTING GROUND TO REMEDIATION DIG LEVEL (M3)	FILL FROM EXISTING GROUND REMEDIATION DIG LEVEL (M3)	FILL FROM REMEDIATION DIG LEVEL TO PLATFORM LEVEL (M3)	SURPLUS CUT/DEFICIT FILL
Foundry Central West - Design Requirements	200,179	7.1	4.6	547,441	0	547,450	DEFICIT FILL
Available Site Won Material (Accounting for 5% voids and 5.7% unsuitable Material)	n/a	n/a	n/a	489,102	0	440,192	SURPLUS CUT
<b>TOTALS</b>							
Deficit	N/A	N/A	N/A	0	0	-107,258	DEFICIT FILL

**INFORMATION**

B	10/01/2024	Revision for Waste Recovery Plan	KW	LW	SB
A	10/12/2024	Revision for Waste Recovery Plan	KW	LW	SB
Rev.	Date	Description	By	Chk'd	App'd

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Project Title:  
**TEESWORKS**  
The UK's largest industrial zone

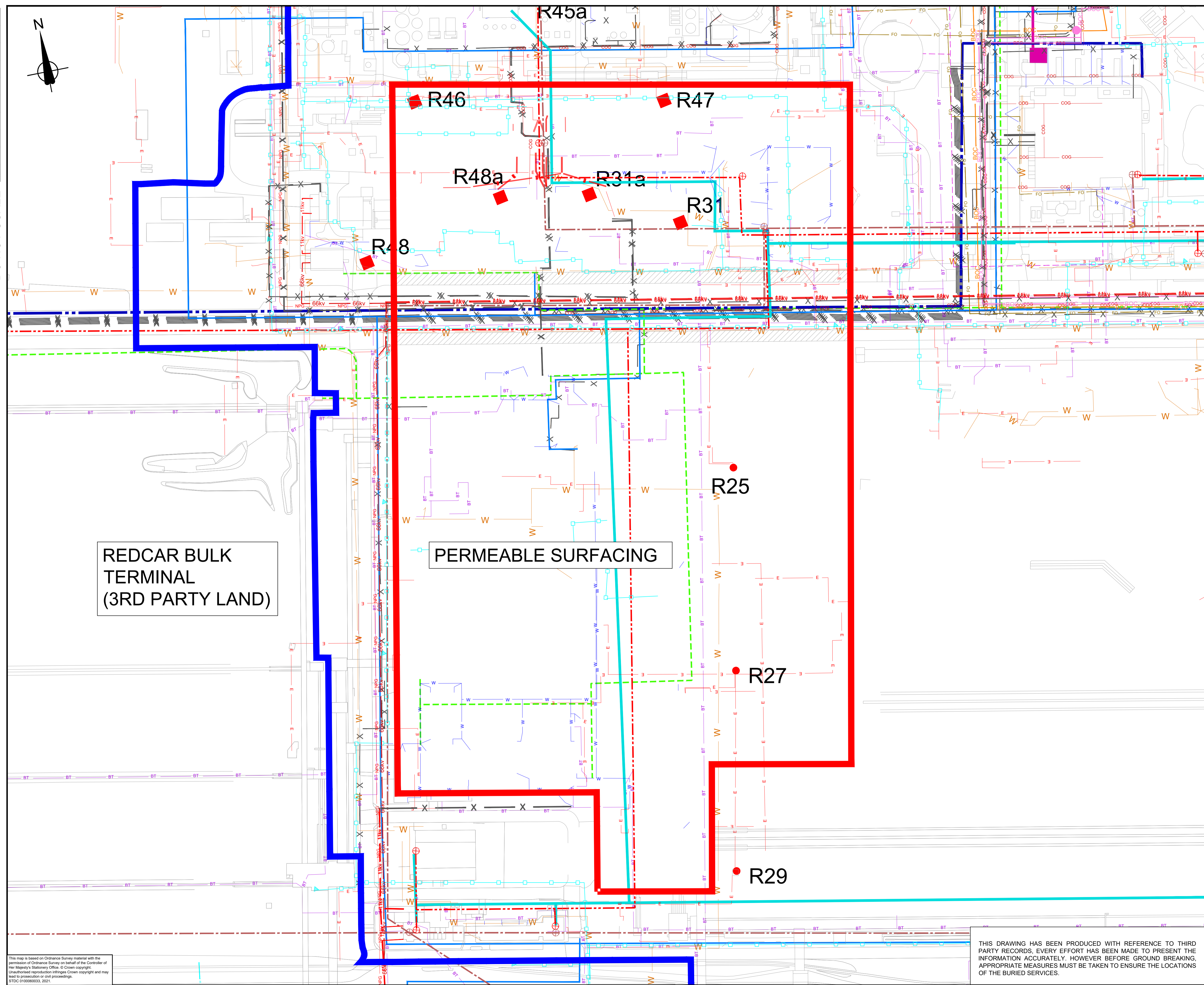
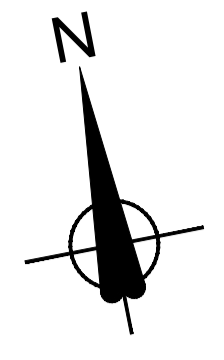
Drawing Name:  
**FOUNDRY CENTRAL WEST CUT/FILL ASSESSMENT WASTE RECOVERY PLAN**

Drawn by: KW	Date: JAN 2024
Checked by: JM	Date: JAN 2024
Approved by: JMC	Date: JAN 2024
Drawing Number: TSWK-STDC-FDR-ZZ-DR-C-0019b	Revision: <b>B</b>
Drawing Scale: 1:2500	Page Size: <b>A1</b>

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DO NOT SCALE

0 10 100  
Millimetres



REDCAR BULK  
TERMINAL  
(3RD PARTY LAND)

PERMEABLE SURFACING

- NOTES**
1. Do not scale from this drawing.
  2. It is assumed that services will be isolated and removed where encountered within the scope of the demolition works. Upon commencement of the Environmental Permit activities it is not anticipated that live services will remain within the site boundary, as the majority have been removed during demolition. To be confirmed in the demolition Health and Safety File.
  3. Drainage and effluent discharge points are not present on-site.

- KEY**
- STDC OWNERSHIP BOUNDARY
  - FOUNDRY CENTRAL WEST (23.5ha)
  - EXISTING INTERNAL ROAD NETWORK-HARDSTANDING

- REDUNDANT STATS KEY**
- BT Openreach Underground
  - RWL Foul Water
  - RWL Surface Water
  - 11kV Electricity (Site)
  - Industrial Water
  - Fibre Optic Cables
  - Coke Oven Gas Main Above Ground
  - Site Electricity Removed
  - Site Potable Water
  - 11kV Known Live Electricity (Site)
  - 66kV Known Live Electricity (Site)
  - Firefighting Hydrants
  - NWL Sewer
  - Lighting Towers/ Mast with Ref

**INFORMATION**

Rev.	Date	Description	By	Chk'd	App'd
B	14/10/2021	FIRST ISSUE			

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Project Title: **TEESWORKS**  
The UK's largest industrial zone

Drawing Name: **FOUNDRY CENTRAL WEST SITE LAYOUT**

Drawn by: \_\_\_\_\_ Date: \_\_\_\_\_  
Checked by: \_\_\_\_\_ Date: \_\_\_\_\_  
Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Drawing Number: TSWK-STDC-FDR-ZZ-DR-C-0017 Revision: **B**

Drawing Scale: NTS Page Size: **A1**

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DO NOT SCALE

Millimetres

0 10

100

Source No.	Emission Description	Location
S1	Material Recovery	Site wide

Receptor No.	Receptors	Distance from site	Direction
R1	On site construction workers	On site	On site
R2	Off site workers at adjacent construction / industrial sites	0 m	All
R3	SPA and Ramsar site (Bran Sands Lagoon, Dabholme Gut and Bran Sands) and protected species	392 m	South west

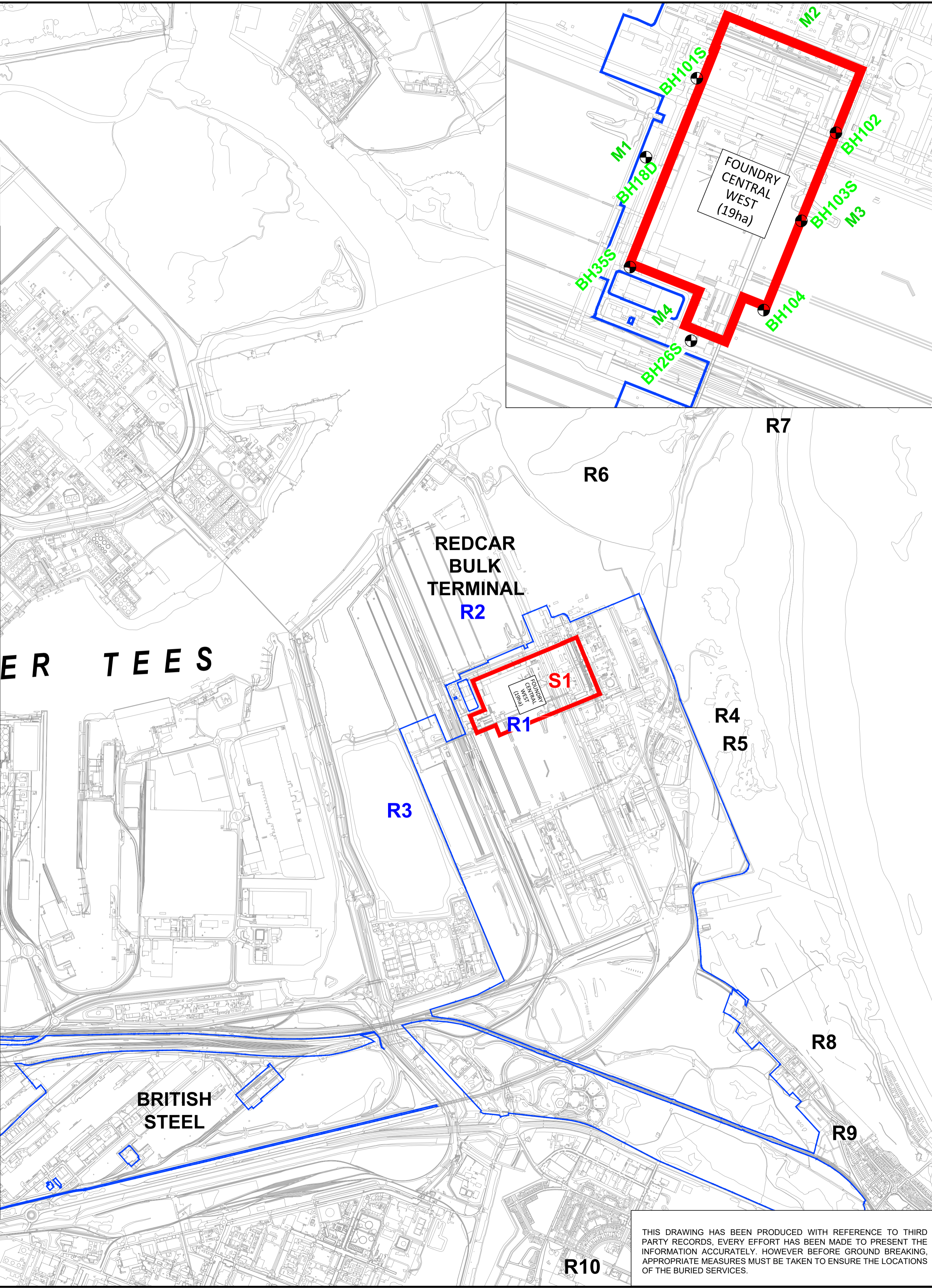
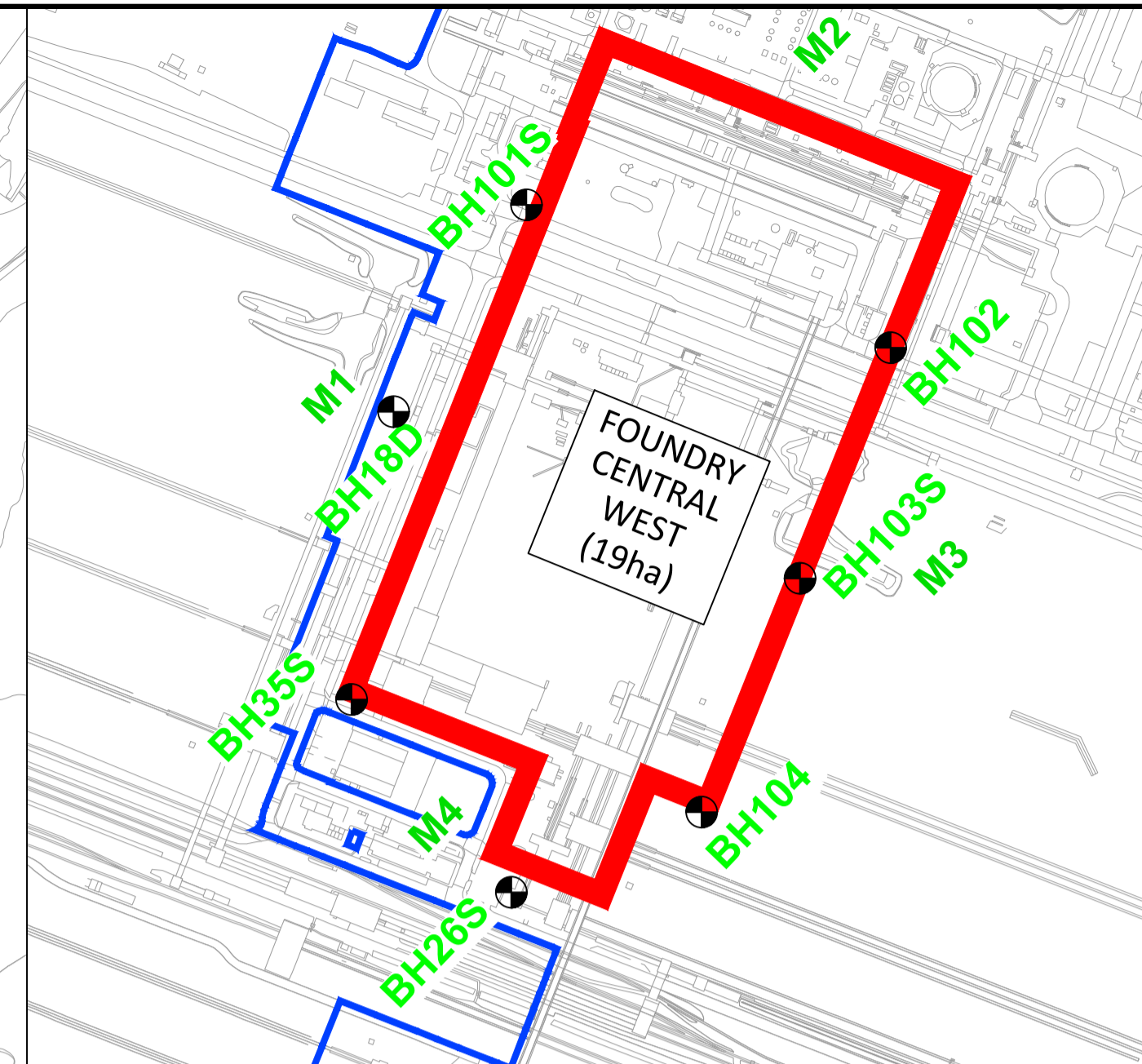
**Discounted Receptors (refer to MAM1-ATK-ENV-FDRXX-RP-EN-000002 Environmental Risk Assessment)**

R4	Coatham Quarry and lagoons (SSSI, conserved wetland site, SPA and Ramsar site)	344 m	North
R5	Coatham Sands (used as recreational space)	390 m	North east
R6	Brans Sands (SSSI, conserved wetland site, SPA, proposed Ramsar site)	510 m	North west
R7	South Gare and Coatham Dunes (SSSI, conserved wetland site, SPA, proposed Ramsar site)	580 m	North
R8	Cleveland golf club	1.4 km	East
R9	Residential properties at Warrenby (nearest residential properties)	2 km	East
R10	Dormanstown Primary Academy	2.8 km	South east
R11 (out of frame)	Redcar Primary Care Hospital	4.7 km	South east
R12 (out of frame)	Durham Tees Valley civil aerodrome	23 km	North east

Location ID	Trigger Monitoring	Justification
M1	Dust	Monitor diffuse emissions at the northern boundary
M2		Monitor diffuse emissions at the eastern boundary
M3		Monitor diffuse emissions at the southern boundary
M4		Monitor diffuse emissions at the western boundary

Indicative locations only. Contractor's CEMP to determine exact location and monitoring requirements dependant on method

Location ID	Trigger Monitoring	Justification
A-BH18D	Groundwater	As per Arcadis Groundwater Monitoring Plan (10047374-AUK-XX-XX-RP-ZZ-1035-01-Samp_Plan_FCW included in MAM1-ATK-ENV-FDRXX-RP-EN-000002)
A-BH35S		
B-BH26S		
FOU-AUK-BH101S		
FOU-AUK-BH102S		
FOU-AUK-BH103S		
FOU-AUK-BH104S		



**NOTES**

- 1. Do not scale from this drawing.

**KEY**

- STDC BOUNDARY
- FOUNDRY CENTRAL WEST BOUNDARY
- R1 RECEPTORS
- S1 SOURCES
- M2 TRIGGER DUST MONITORING
- R4 DISCOUNTED RECEPTORS
- BH18D TRIGGER GROUNDWATER MONITORING

**INFORMATION**

Rev.	Date	Description	By	Chk'd	App'd
C	JUN 2024	DRAWING UPDATES	KW	KW	JMC
B	MAY 2024	DRAWING UPDATES	JH	KW	JMC
A	FEB 2024	FIRST ISSUE	JH	KW	JMC

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Project Title: **TEESWORKS**  
The UK's largest industrial zone

**EMISSIONS SOURCES RECEPTORS AND MONITORING POINTS**

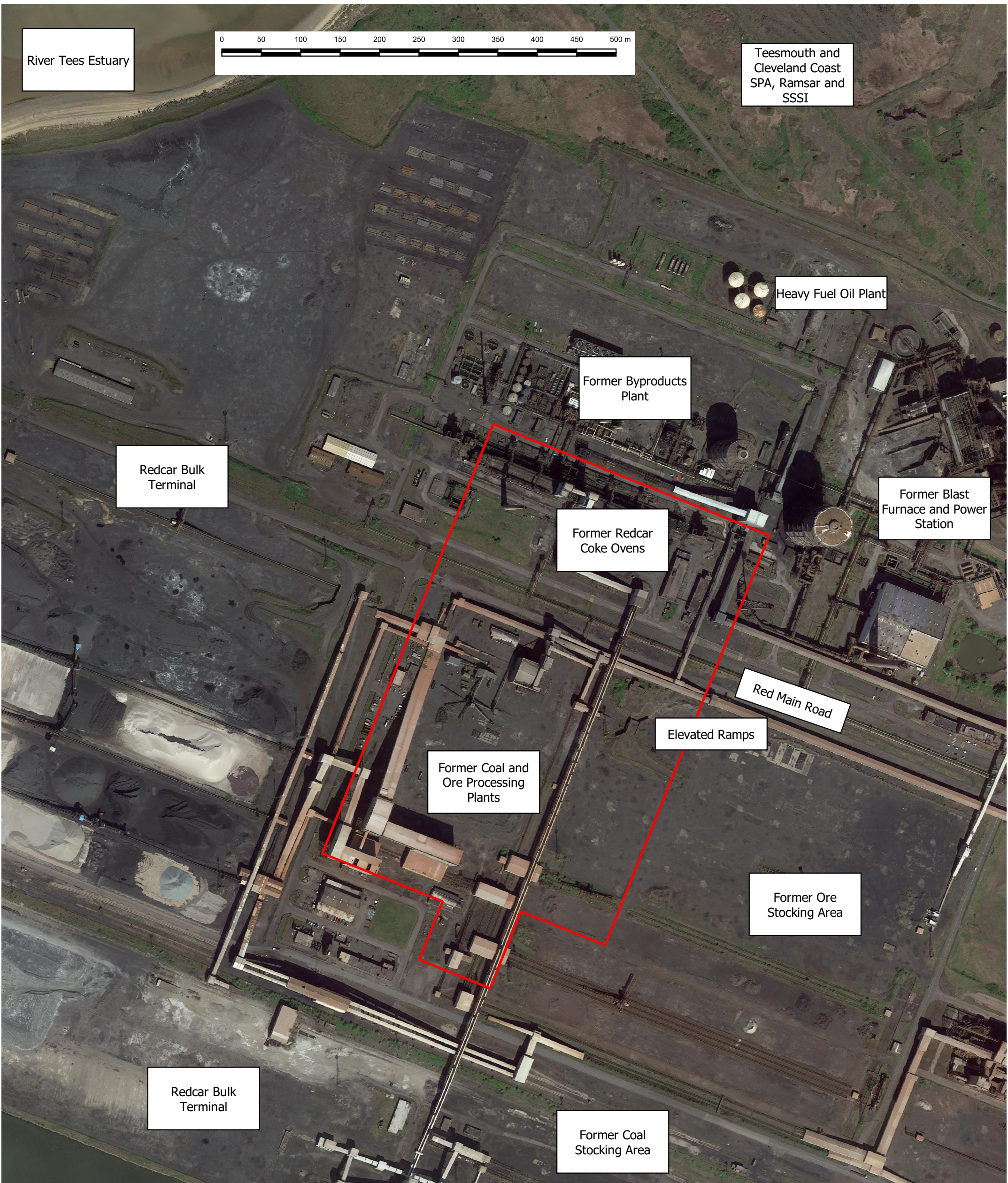
Drawn by: JH Date: MAY 2024  
Checked by: KW Date: MAY 2024  
Approved by: JMC Date: MAY 2024

Drawing Number: TSWK-STDC-FDR-ZZ-DR-C-0023 Revision: C

Drawing Scale: 1: 12,500 Page Size: A1

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Legend  
Base Maps  
GoogleEarthSat

Site Redline  
— Redline

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CONTACT ARCADIS IN CASE OF ANY QUERIES.

Title: Site Setting

Site: Teesworks - Foundry Central West

Client: South Tees Development Corporation

Project:  
10047374

Figure 2

Date: 28/09/2023  
Drawn By: JALM  
DRG No: 10047374-AUK-XX-XX-DR-ZZ-729-01-FCW\_Setting





**Legend**

- Location Type
- Borehole
  - Monitoring Well
  - Trial Pit

**Base Maps**

GoogleEarthSat

**Site Redline**



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FOU\_AUK\_TP127 and FOU\_AUK\_TP127B located within 5m of each other only former shown for clarity.

**Title:** Intrusive Investigation Locations

**Site:** Teesworks - Foundry Central West

**Client:** South Tees Development Corporation

**Project:** 37774100

**Figure**

Date: 23/11/2023

Drawn By: JALM

DRG No: 10047374-AUK-XX-XX-DR-ZZ-770-01-FCW\_GI\_All







**Legend**

**Monitoring Purpos**

- Permit Compliance
- Information Only

**Base Maps**

Bing

**Redline**

— Permit

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CONTACT ARCADIS IN CASE OF ANY QUERIES.

**Title: Permit Monitoring Locations**

**Site: Teesworks - Foundry Central West**

**Client:**  
South Tees Development Corporation




**Project:**  
10047374

**Date:** 23/01/2025  
**Drawn By:** JALM  
**DRG No:** 10047374-AUK-XX-XX-DR-ZZ-1036-01-FCW\_Permit GW\_Loc

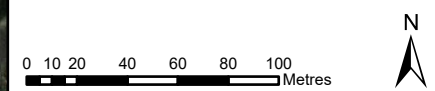




**LEGEND**

-  BOREHOLE LOCATION
-  GROUNDWATER CONTOUR
-  FOUNDRY CENTRAL WEST REMEDIATION BOUNDARY

**NOTES**



TITLE: **GROUNDWATER CONTOUR PLAN SUPERFICIALS**

SITE: **REDCAR STEELWORKS SITE INVESTIGATION - THE FOUNDRY**

CLIENT: **SOUTH TEES DEVELOPMENT CORPORATION**

PROJECT: **10047374** **FIGURE 6**

DATE: 30/01/24 DRAWN BY: AP




DRG No.: 10047374-AUK-XX-XX-DR-ZZ-0830-P1 GIS

SCALE: 1:3,000 PRINT: A3



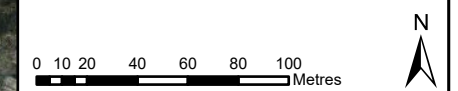


**LEGEND**

-  BOREHOLE LOCATION
-  GROUNDWATER CONTOUR
-  FOUNDRY CENTRAL WEST REMEDIATION BOUNDARY

**NOTES**

B-BH15D NOT INCLUDED IN THE ROCK MODEL DUE TO TIDAL INFLUENCE.



TITLE: **GROUNDWATER CONTOUR PLAN BEDROCK**

SITE: **REDCAR STEELWORKS SITE INVESTIGATION - THE FOUNDRY**

CLIENT: **SOUTH TEES DEVELOPMENT CORPORATION**

PROJECT: **10047374** **FIGURE 7**

DATE: 30/01/24 DRAWN BY: AP

DRG No.: 10047374-AUK-XX-XX-DR-ZZ-0829-P1 GIS

SCALE: 1:3,000 PRINT: A3

Maxar, Microsoft



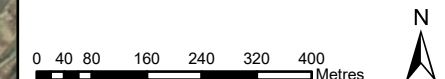


**LEGEND**

- SITE BOUNDARY
- 50m
- 100m
- 300m
- 600m
- 1000m
- INFERRED GROUNDWATER FLOW DIRECTION

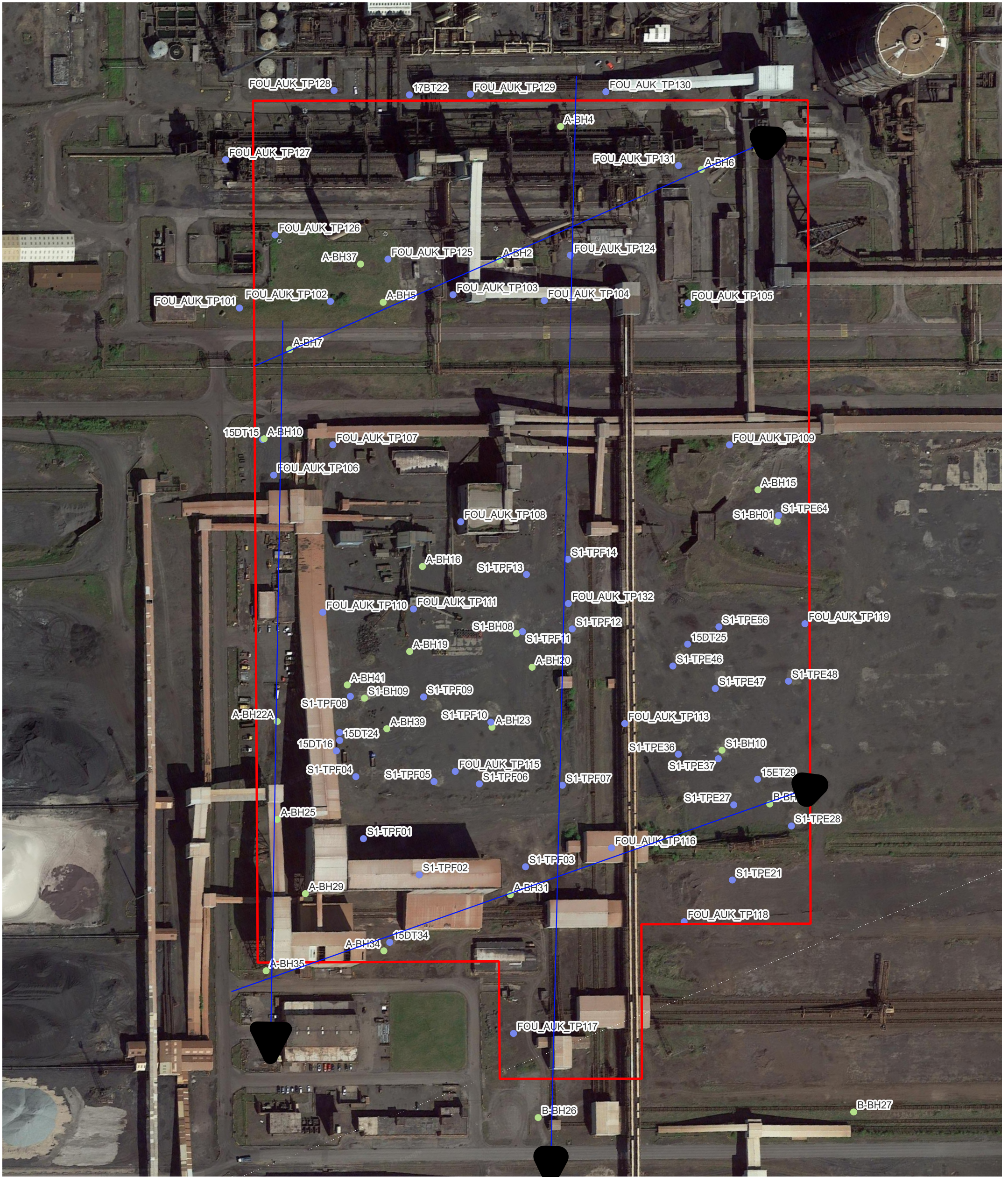
**NOTES**

SYMBOLS FOR BOREHOLES, TRIAL PITS AND OTHER SPECIFIC FEATURES ARE REPRESENTATIONS OF LOCATION ONLY AND UNLESS OTHERWISE SPECIFIED, DO NOT REPRESENT THE TRUE SIZE OF THE FEATURE.



TITLE: <b>SITE LOCATION AND ENVIRONMENTAL SITE SETTING</b>	
SITE: <b>REDCAR FOUNDRY HYGREEN</b>	
CLIENT: <b>SOUTH TEES DEVELOPMENT CORPORATION</b>	
PROJECT: <b>10047374</b>	FIGURE <b>1</b>
DATE: 14/02/24	DRAWN BY: AP
DRG No.: 10047374-AUK-XX-XX-DR-ZZ-0842-P1 GIS	
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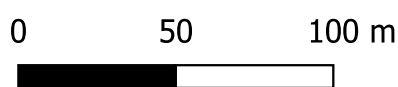




**Legend**

- Location Type
- Borehole
  - Trial Pit
- Base Maps  
GoogleEarthSat

Site Redline  
Potential HyGreen Site



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CONTACT ARCADIS IN CASE OF ANY QUERIES.

**Title: Cross Sections**

**Site: Teesworks - Foundry Central West**

**Client: South Tees Development Corporation**

**Project: 37774100**

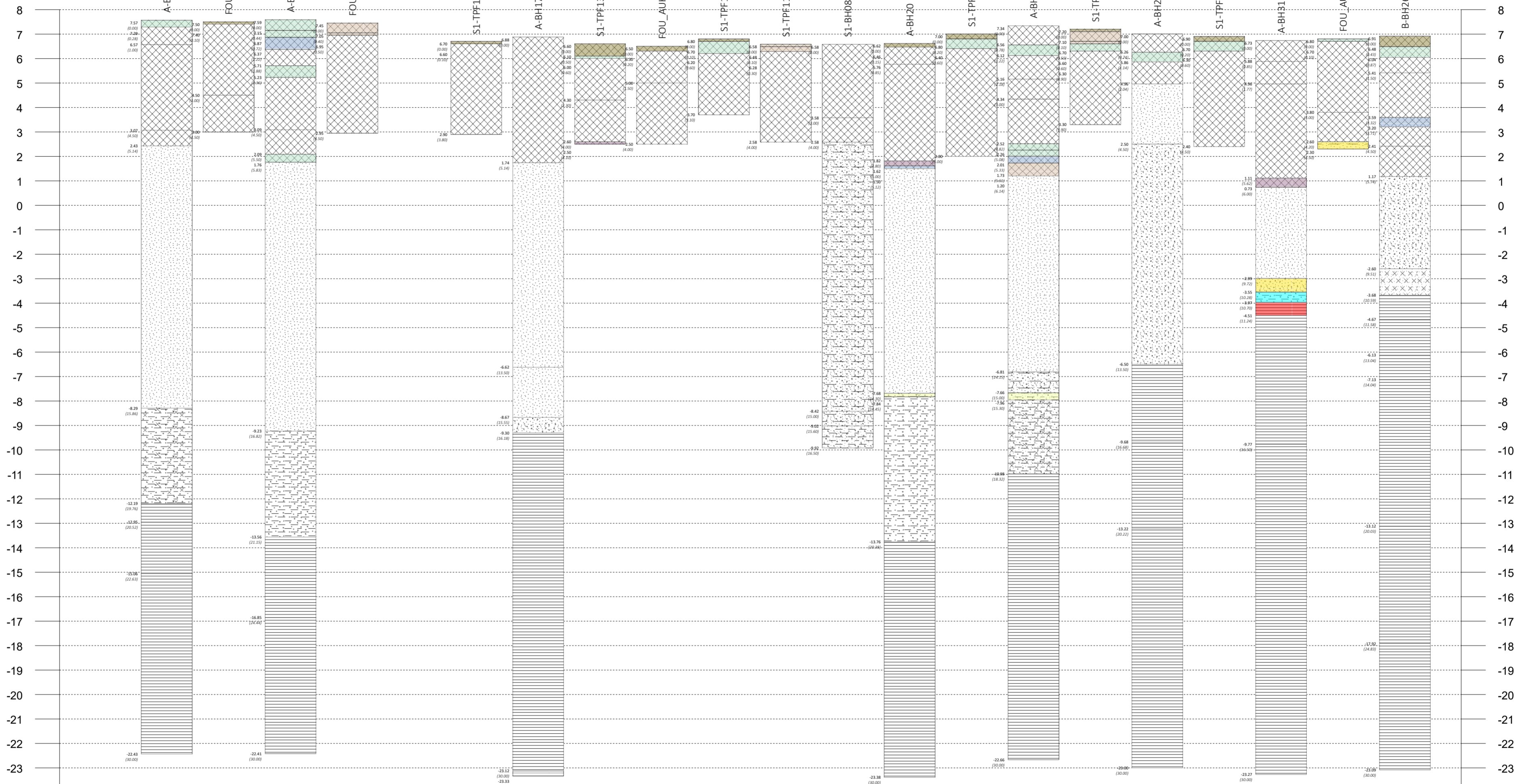
**Figure**

Date: 23/11/2023  
 Drawn By: JALM  
 DRG No: 10047374-AUK-XX-XX-DR-ZZ-809-01-FCW\_Xsection

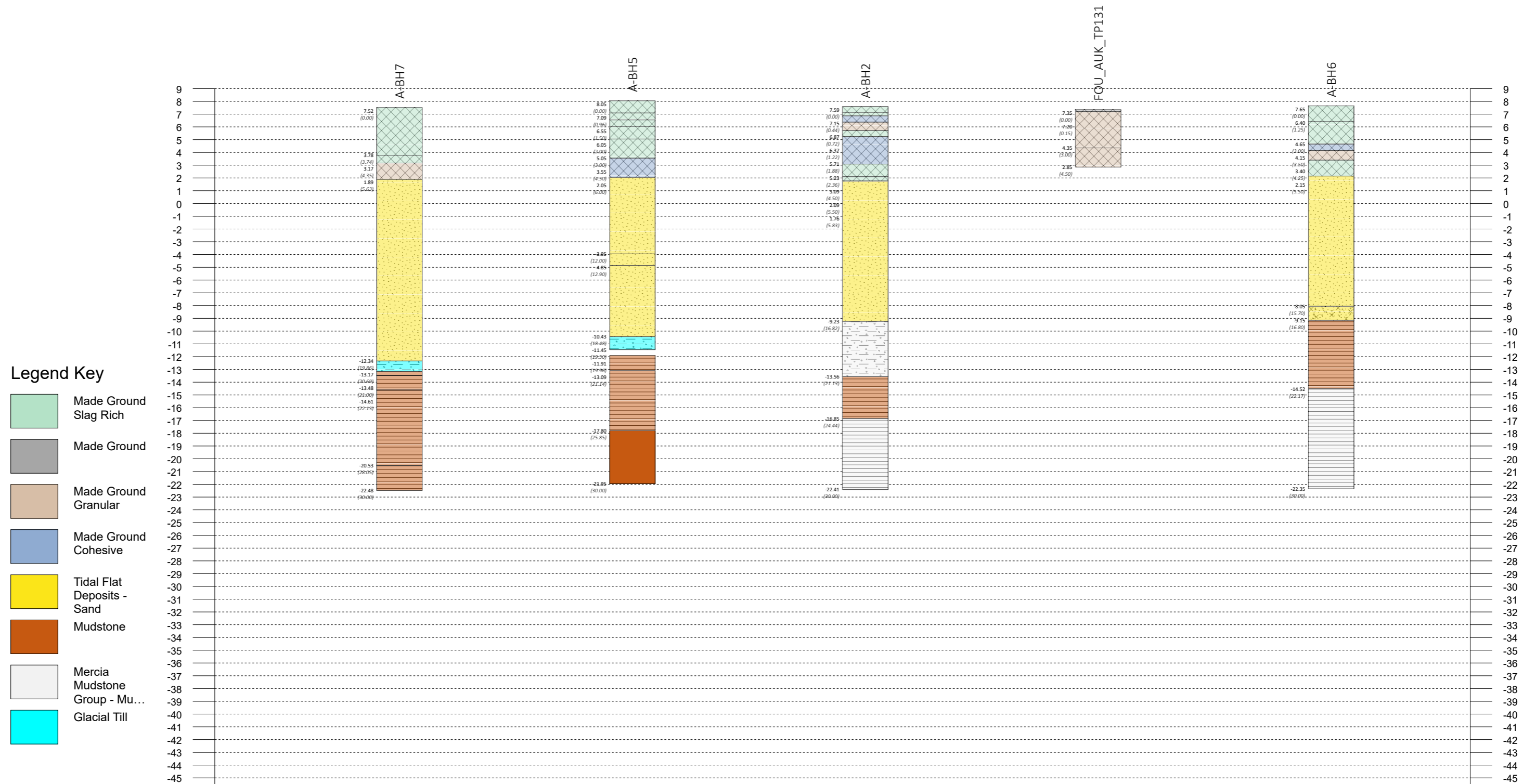


Legend Key

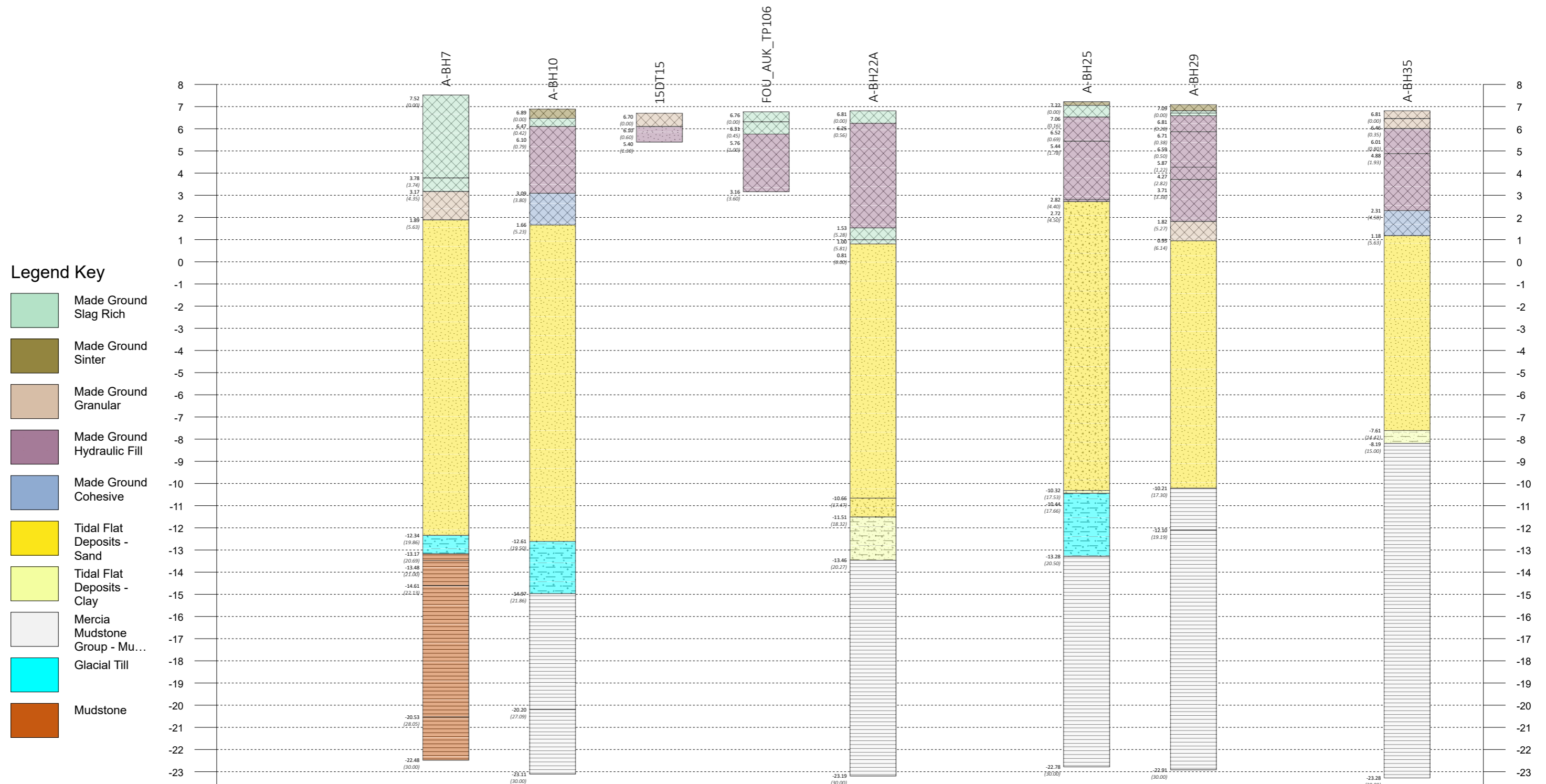
- Made Ground Slag Rich
- Made Ground Sinter
- Made Ground Granular
- Made Ground Cohesive
- Made Ground Hydraulic Fill
- Tidal Flat Deposits - Sand
- Tidal Flat Deposits - Clay
- Redcar Mudstone Formation
- Glacial Till
- Mercia Mudstone Group - Mudstone
- Granular Superficial Deposits
- Mudstone
- No Recovery



Chainage (m)	26.68	109.52	118.58	143.74	145.25	320.65	328.32	331.70	350.71	367.89	370.57	371.93	394.80	432.66	436.11	474.28	489.78	530.34	549.57	643.82	700.55
Elevation (mAOD)	7.57	7.50	7.59	7.45	7.95	6.70	6.88	6.60	6.50	6.80	6.58	6.58	6.62	7.00	7.34	7.20	7.00	6.90	6.73	6.80	6.91
Offset (m)	12.69	21.90	26.51	8.43	19.05	25.42	21.67	2.49	26.50	29.62	4.11	8.13	3.07	23.99	23.15	25.74	21.81	2.15	7.70	3.01	15.24

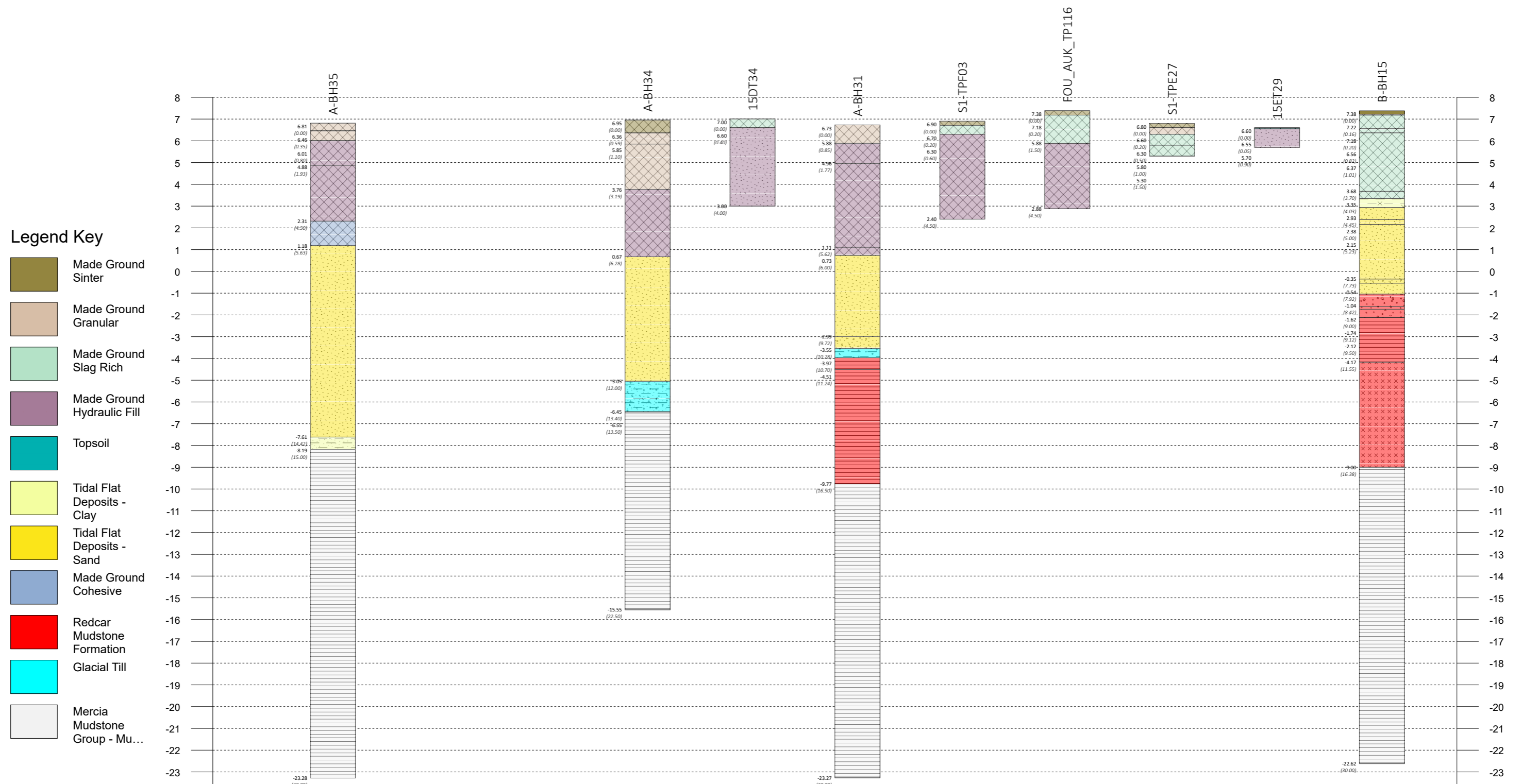


Chainage (m)	71.37	142.5 3	226.4 4	363.7 3	376.9 7
Elevation (mAOD)	7.52	8.05	7.59	7.35	7.65
Offset (m)	3.89	2.59	2.32	8.56	0.08



Chainage (m)	4.89	67.49	126.38	126.87	150.96	318.40	321.10	384.97	435.22	474.39	487.96
Elevation (mAOD)	7.85	7.52	6.89	6.70	6.76	6.81	6.90	7.22	7.09	6.86	6.81
Offset (m)	13.39	0.48	17.92	18.97	11.11	6.67	4.35	5.93	13.88	16.32	12.19





Chainage (m)	21.22	52.59	101.0	101.4	107.0	195.0	210.8	270.3	358.4	379.2	381.8
Elevation (mAOD)	6.81	6.86	7.00	6.95	7.00	6.73	6.90	7.38	6.80	6.60	7.38
Offset (m)	0.43	4.01	14.14	11.73	7.50	2.36	12.41	6.31	8.09	19.58	1.02