

NYMNP

31/10/2018

From: James Cox
Sent: 31 October 2018 11:14
To: Rob Smith
Cc:
Subject: NYM/2018/0585/CVC (Woodsmith, Phase 7) [NLP-DMS.FID262297]

Rob,

Further to the information submitted to you last Friday (26th), please find attached - for completeness – updated planning drawings that reflect the following:

- The updated ventilation details, as per those sent to you on 26/10. Note that these are now smaller than those shown on rev. 1 of the Phase 7 Construction Masterplan;
- The realigned temporary winch house building to the west of the production shaft;
- A relocation of temporary workshops from the north west corner to a central part of the site; and
- The re-orientation of the MTS structures.

I can also confirm that the proposed external lighting of the Siltbuster building will be sensor operated so that it is on only when needed (i.e. for safe access and egress).

Thanks

James Cox
Senior Planner
Lichfields, 3rd Floor, 15 St Paul's Street, Leeds LS1 2JG

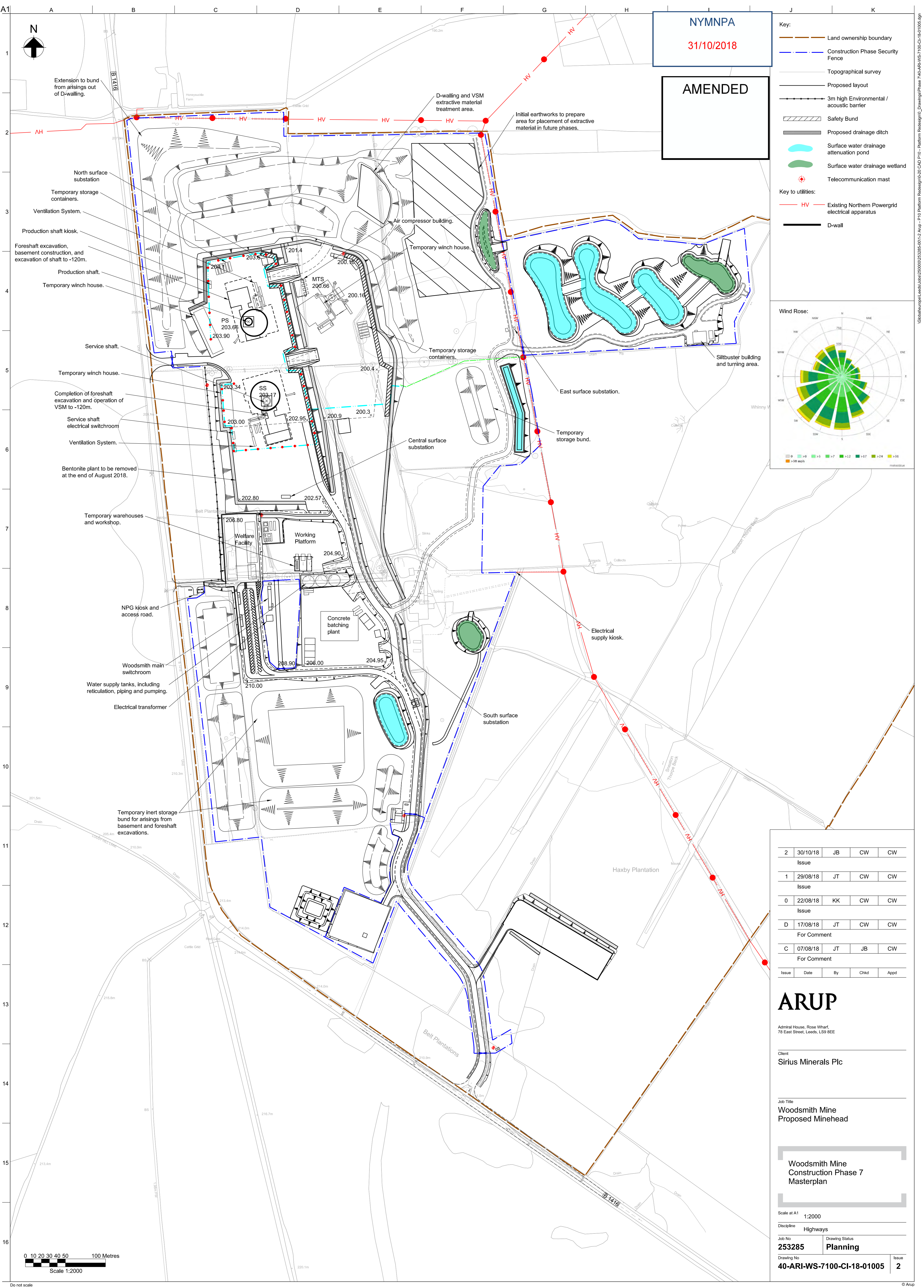


NYMNPA
31/10/2018

Going the last mile
Planning for last mile logistics

VIEW INSIGHT

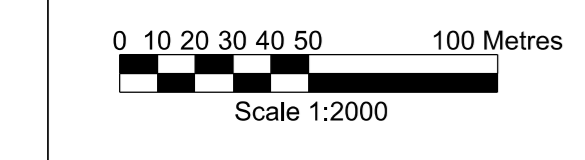
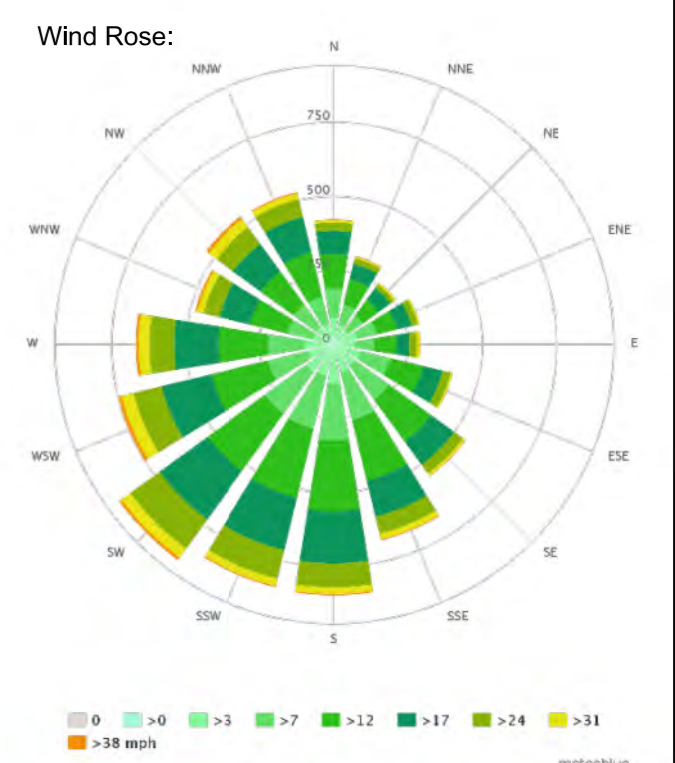
The image shows the cover of a book titled 'Going the last mile: Planning for last mile logistics'. The cover features an aerial photograph of a large industrial or warehouse complex with multiple buildings and parking lots. The title and subtitle are printed at the top, and there is a small 'LOGISTICS' label at the bottom left of the cover image.



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31/10/2018

AMENDED

- Key:**
- Land ownership boundary
 - - - Construction Phase Security Fence
 - Topographical survey
 - Proposed layout
 - 3m high Environmental / acoustic barrier
 - Safety Bund
 - Proposed drainage ditch
 - Surface water drainage attenuation pond
 - Surface water drainage wetland
 - + Telecommunication mast
- Key to utilities:**
- HV Existing Northern Powergrid electrical apparatus
 - D-wall



2	30/10/18	JB	CW	CW
Issue				
1	29/08/18	JT	CW	CW
Issue				
0	22/08/18	KK	CW	CW
Issue				
D	17/08/18	JT	CW	CW
For Comment				
C	07/08/18	JT	JB	CW
For Comment				
Issue	Date	By	Chkd	Appd

ARUP

Admiral House, Rose Wharf,
78 East Street, Leeds, LS9 8EE

Client
Sirius Minerals Plc

Job Title
**Woodsmith Mine
Proposed Minehead**

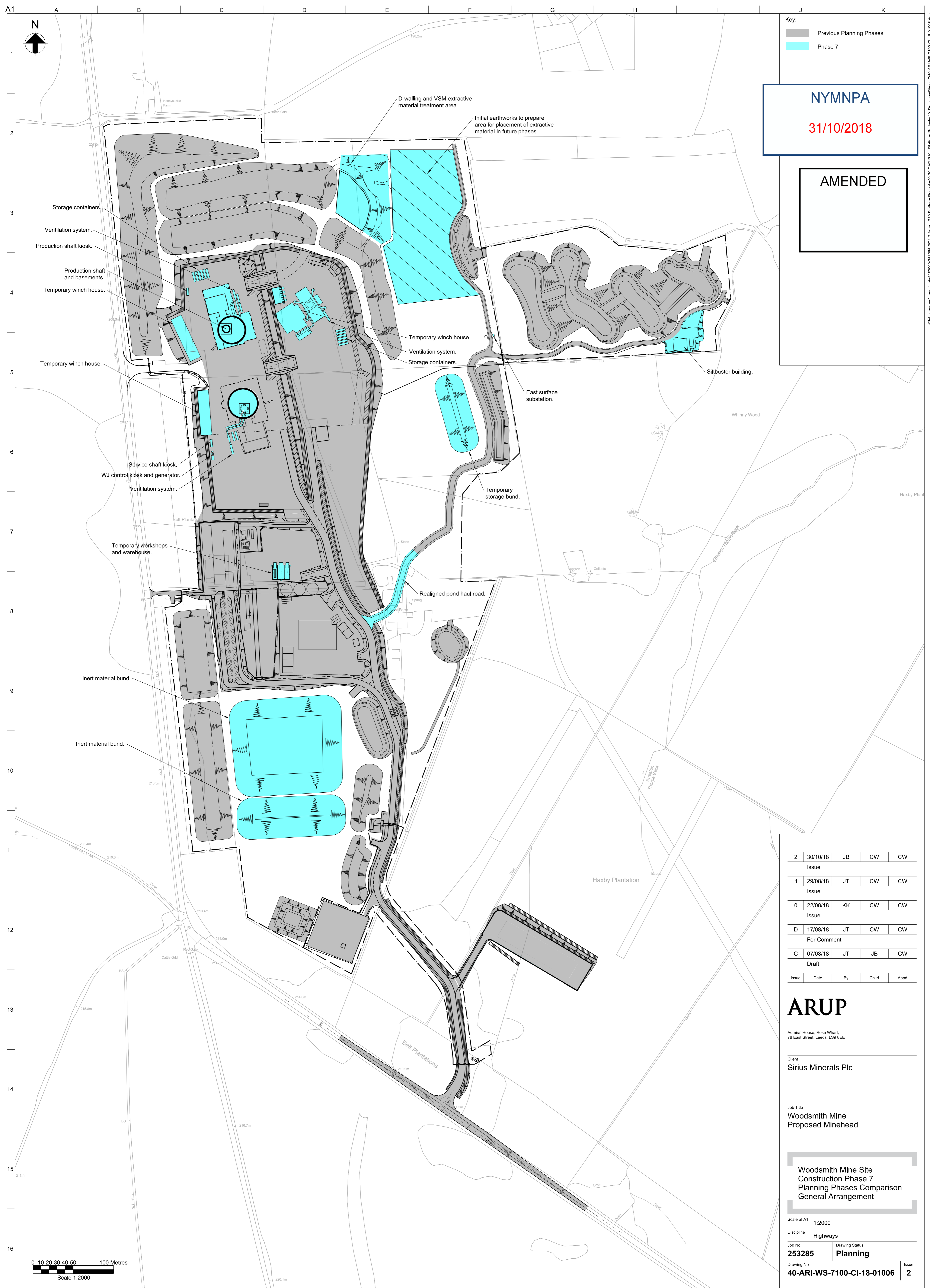
**Woodsmith Mine
Construction Phase 7
Masterplan**

Scale at A1 1:2000

Discipline **Highways**

Job No **253285** Drawing Status **Planning**

Drawing No **40-ARI-WS-7100-CI-18-01005** Issue **2**



Key:
 Previous Planning Phases
 Phase 7

NYMNP
 31/10/2018

AMENDED

2	30/10/18	JB	CW	CW
Issue				
1	29/08/18	JT	CW	CW
Issue				
0	22/08/18	KK	CW	CW
Issue				
D	17/08/18	JT	CW	CW
For Comment				
C	07/08/18	JT	JB	CW
Draft				
Issue	Date	By	Chkd	Appd

ARUP

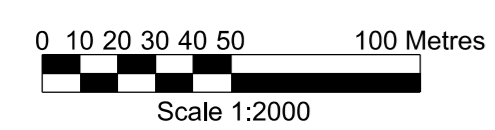
Admiral House, Rose Wharf,
 78 East Street, Leeds, LS9 8EE

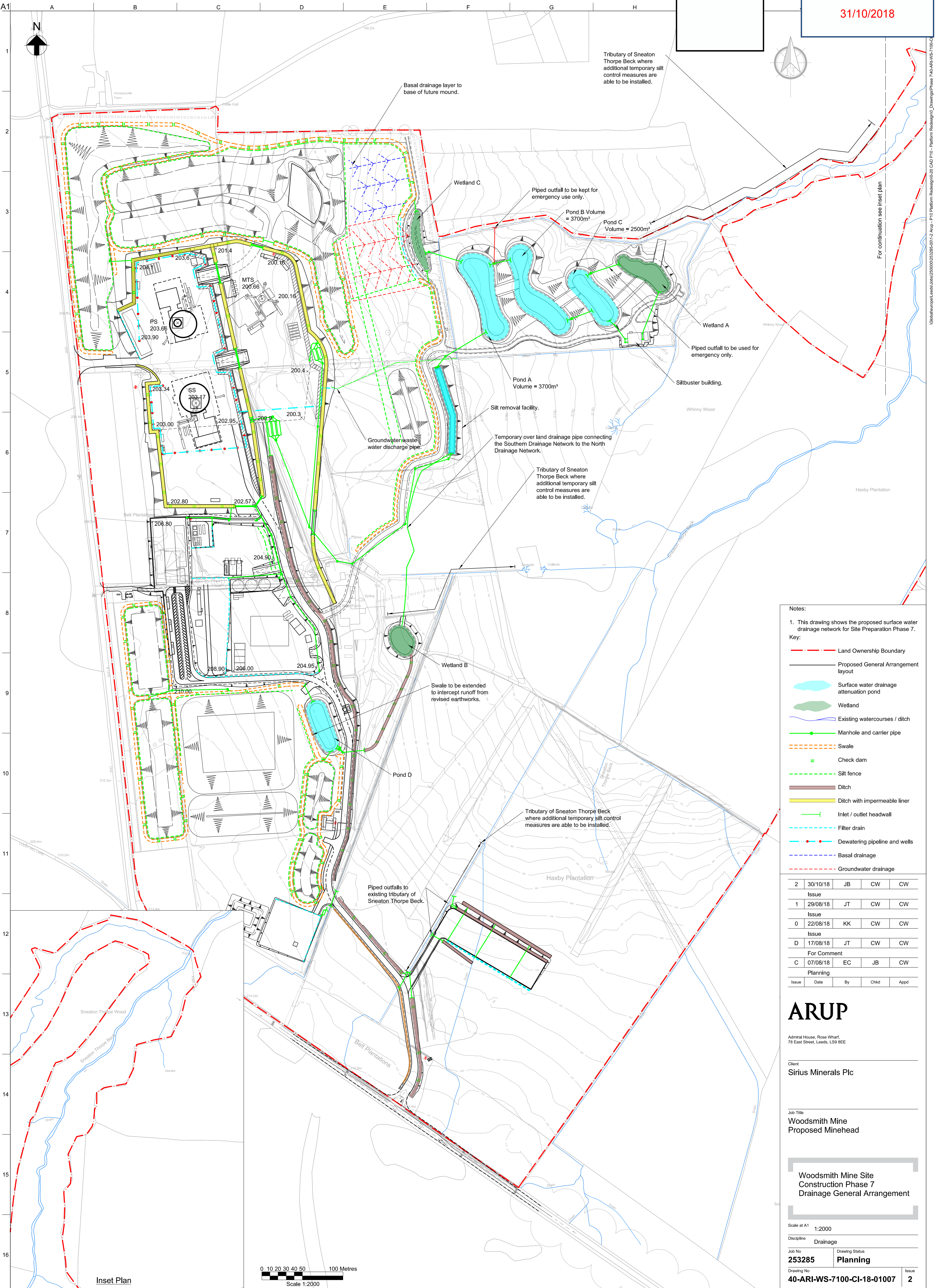
Client
Sirius Minerals Plc

Job Title
**Woodsmith Mine
 Proposed Minehead**

**Woodsmith Mine Site
 Construction Phase 7
 Planning Phases Comparison
 General Arrangement**

Scale at A1 1:2000
 Discipline Highways
 Job No 253285 Drawing Status Planning
 Drawing No 40-ARI-WS-7100-CI-18-01006 Issue 2





- Notes:
- This drawing shows the proposed surface water drainage network for Site Preparation Phase 7.
- Key:
- Land Ownership Boundary
 - Proposed General Arrangement layout
 - Surface water drainage attenuation pond
 - Wetland
 - Existing watercourses / ditch
 - Manhole and carrier pipe
 - Swale
 - Check dam
 - Silt fence
 - Ditch
 - Ditch with impermeable liner
 - Inlet / outlet headwall
 - Filter drain
 - Dewatering pipeline and wells
 - Basal drainage
 - Groundwater drainage

2	30/10/18	JB	CW	CW
Issue				
1	29/08/18	JT	CW	CW
Issue				
0	22/08/18	KK	CW	CW
Issue				
D	17/08/18	JT	CW	CW
For Comment				
C	07/08/18	EC	JB	CW
Planning				
Issue	Date	By	Chkd	Appd

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 Admiral House, Rose Wharf,
 78 East Street, Leeds, LS9 9EE

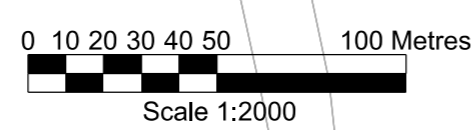
Client
Sirius Minerals Plc

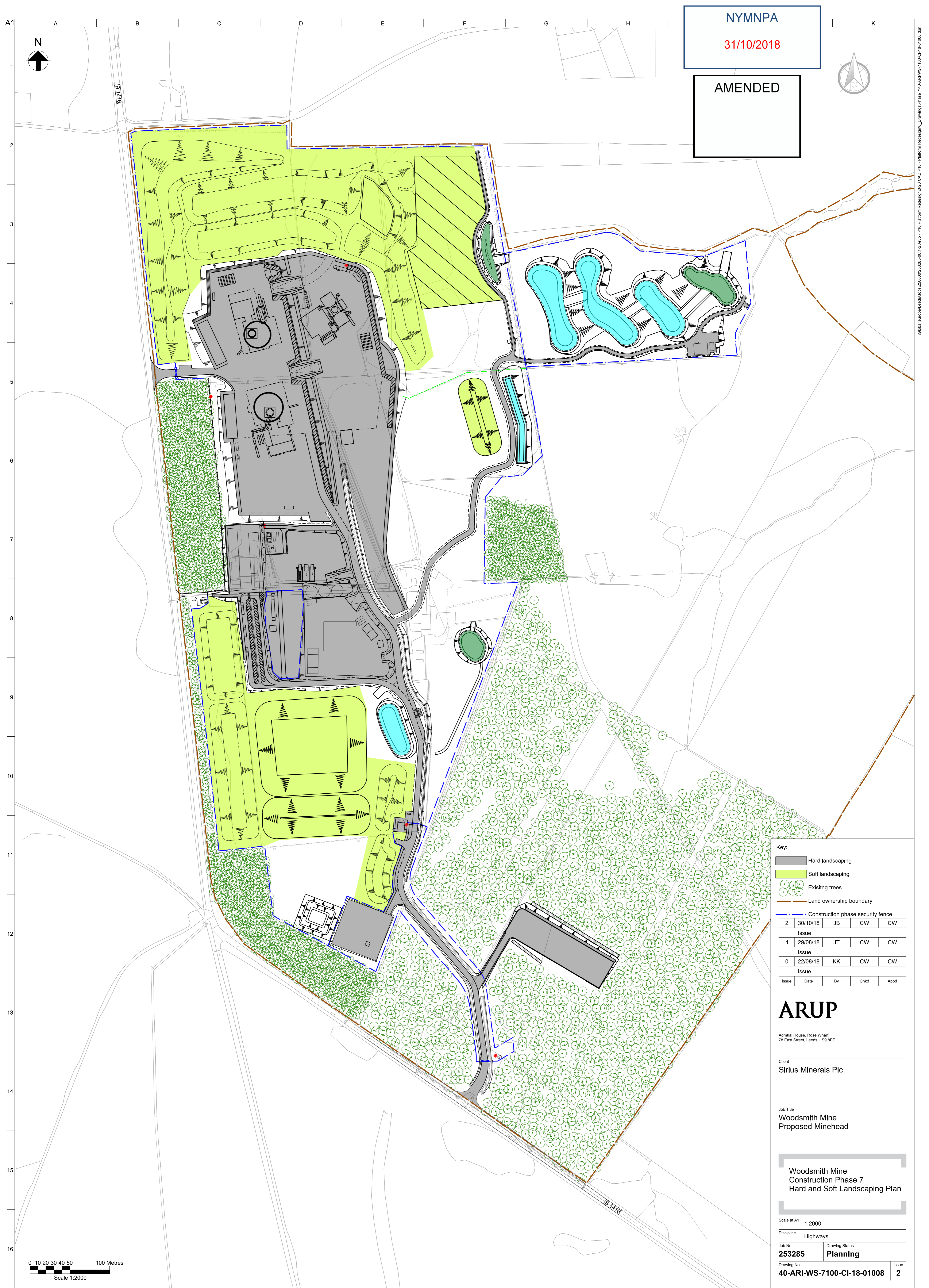
Job Title
**Woodsmith Mine
 Proposed Minehead**

**Woodsmith Mine Site
 Construction Phase 7
 Drainage General Arrangement**

Scale at A1 1:2000
 Discipline Drainage
 Job No 253285 Drawing Status Planning
 Drawing No 40-ARI-WS-7100-CI-18-01007 Issue 2

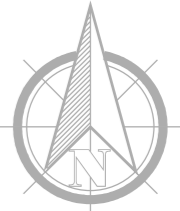
Inset Plan





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31/10/2018

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Key:

- Hard landscaping
- Soft landscaping
- Existing trees
- Land ownership boundary
- Construction phase security fence

2	30/10/18	JB	CW	CW
Issue				
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Issue				
0	22/08/18	KK	CW	CW
Issue				
Issue	Date	By	Chkd	Appd

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Admiral House, Rose Wharf,
78 East Street, Leeds, LS9 8EE

Client
Sirius Minerals Plc

Job Title
**Woodsmith Mine
Proposed Minehead**

**Woodsmith Mine
Construction Phase 7
Hard and Soft Landscaping Plan**

Scale at A1 1:2000

Discipline **Highways**

Job No **253285** Drawing Status **Planning**

Drawing No **40-ARI-WS-7100-CI-18-01008** Issue **2**

0 10 20 30 40 50 100 Metres
Scale 1:2000



Service Shaft		
Foreshaft (0-46m)	44,138m ³	Temporary Stockpile
Shaft (46-120m)	3,959m ³	Permanent Bund

Production Shaft		
Inner D-wall	3,600m ³	Permanent Bund
Basement	25,053m ³	Temporary Stockpile
Foreshaft (0-46m)	44,850m ³	Temporary Stockpile
Shaft (46-120m)	2,648m ³	Permanent Bund

Notes:
1. Refer to drawing 40-ARI-WS-7100-CI-18-01005 for Phase 7 masterplan.

Key to cross section:
 Inert material
 Existing ground level
 Formation level following topsoil / subsoil strip
 Proposed restoration level

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Issue				
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Issue				
0	22/08/18	KK	CW	CW
Issue				
D	17/08/18	JT	CW	CW
For Comment				
C	07/08/18	EC	JB	CW
Planning				
B	30/07/18	JT	JB	CW
Draft				
A	13/07/18	JB	CW	CW
Draft				
Issue	Date	By	Chkd	Appd

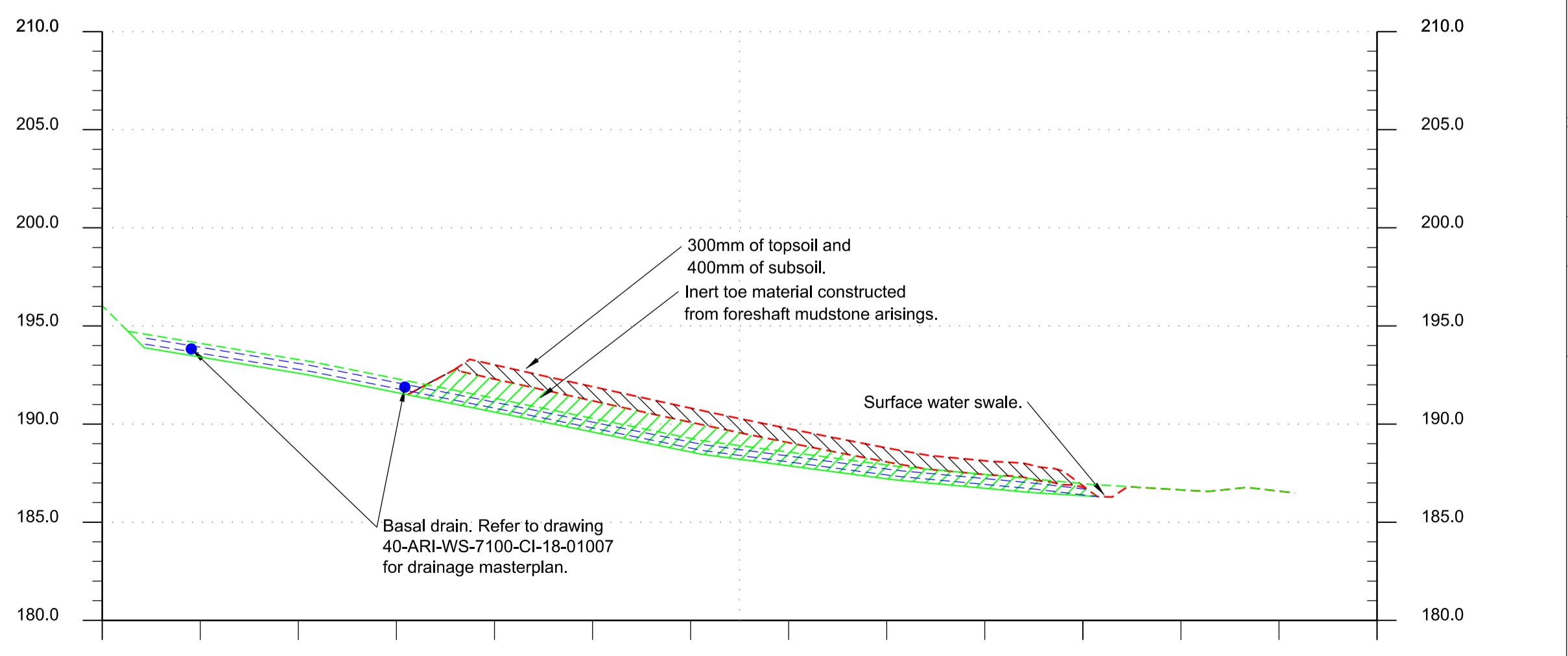
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Sirius Minerals Plc

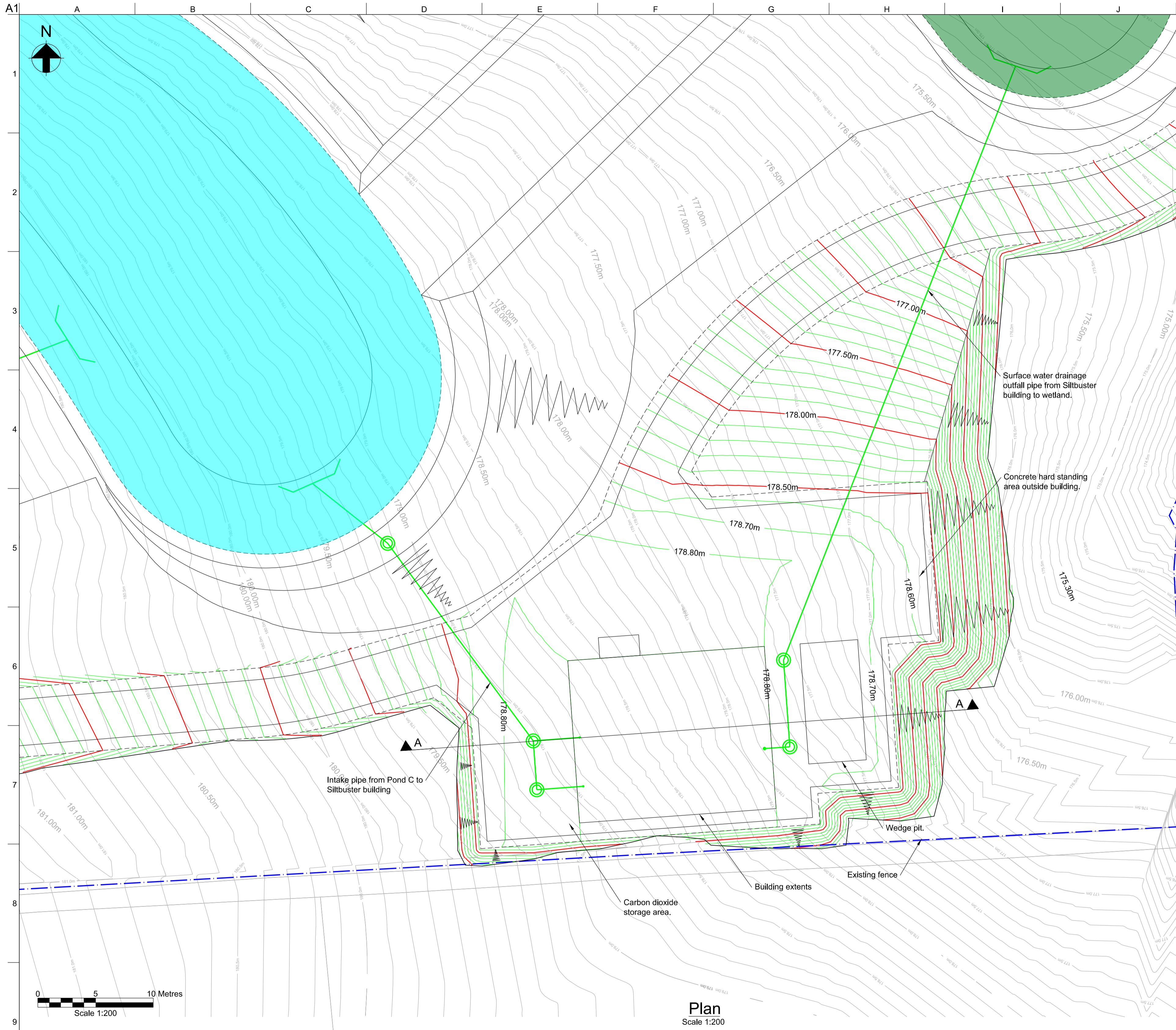
Job Title
Woodsmith Mine
Proposed Minehead

Woodsmith Mine
Construction Phase 7
Earthworks

Scale at A1 1:2000
Discipline Civil
Job No 253285 Drawing Status Planning
Drawing No 40-ARI-WS-7100-CI-18-01011 Issue 2



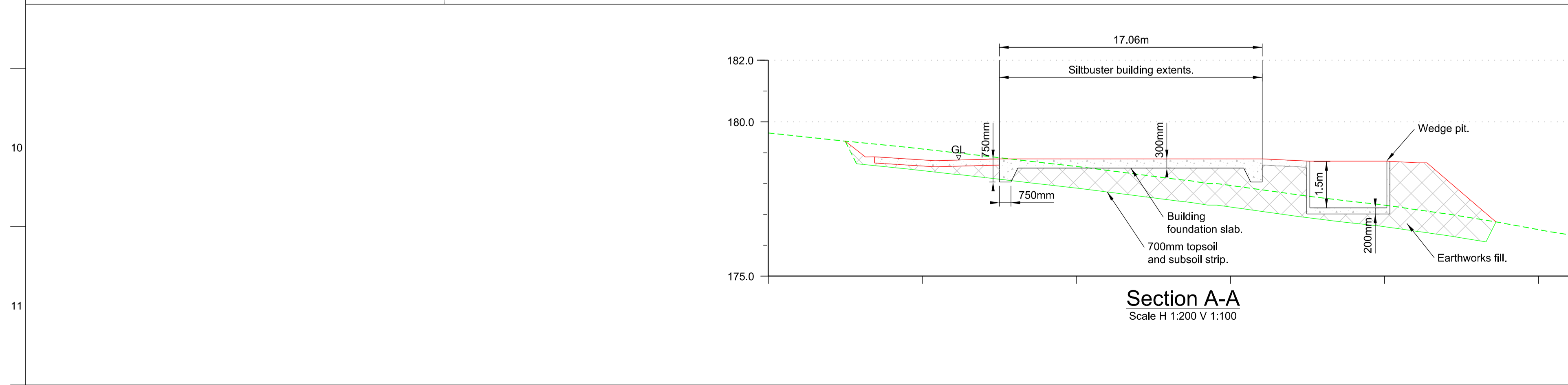
Section A-A
Scale H:1:500 V:1:250



Plan
Scale 1:200



Key Plan
Scale 1:5000



Section A-A
Scale H 1:200 V 1:100

Key:
 178.50m Existing contours
 178.50m Proposed contours

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Issue				
0	22/08/18	KK	CW	CW
Issue				
D	16/08/18	KK	JB	CW
Draft				
C	15/08/18	JT	JB	CW
Draft				
B	07/08/18	EC	JB	CW
Planning				
A	31/07/18	JT	JB	CW
Draft				
Issue	Date	By	Chkd	Appd

ARUP

Client
Sirius Minerals Plc

Job Title
Woodsmith Mine
Proposed Minehead

**Woodsmith Mine
Construction Phase 7
Siltbuster Building**

Scale at A1 As Shown

Discipline Civil

Job No **253285** Drawing Status **Planning**

Drawing No **40-ARI-WS-7244-CI-18-01014** Issue **2**