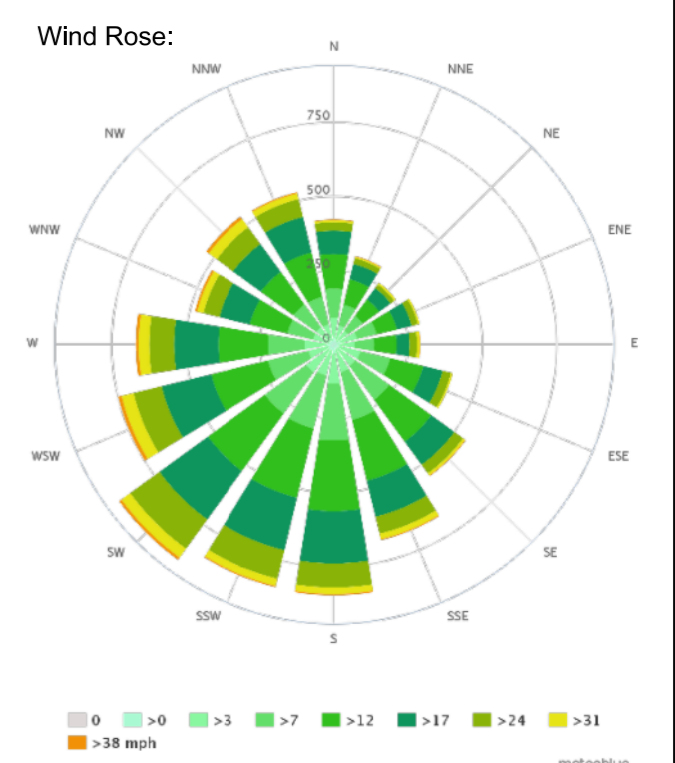
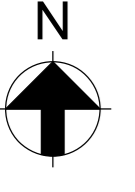
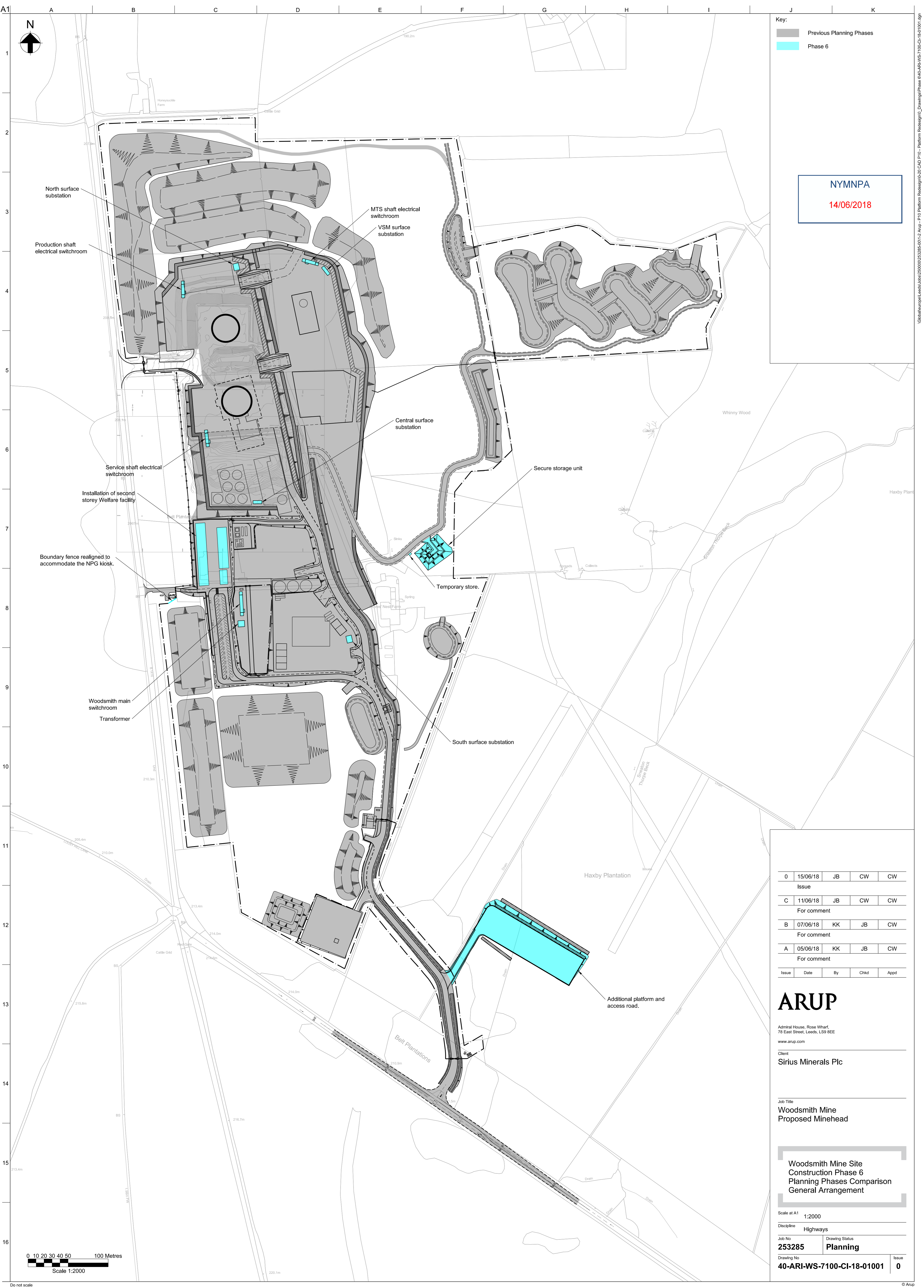


- Notes:
- Dewatering during phase 3 to a maximum of 3m below platform level.
- Key:
- Land ownership boundary
  - Construction Phase Security Fence
  - Topographical survey
  - Proposed layout
  - 3m high Environmental / acoustic barrier
  - Safety Bund
  - Proposed drainage ditch
  - Surface water drainage attenuation pond
  - Surface water drainage wetland
  - Telecommunication mast
- Key to utilities:
- HV Existing Northern Powergrid electrical apparatus
  - D-wall

**NYMNP**  
14/06/2018





Key:  
 Previous Planning Phases  
 Phase 6

**NYMNPA**  
 14/06/2018

0	15/06/18	JB	CW	CW
Issue				
C	11/06/18	JB	CW	CW
For comment				
B	07/06/18	KK	JB	CW
For comment				
A	05/06/18	KK	JB	CW
For comment				
Issue	Date	By	Chkd	Appd

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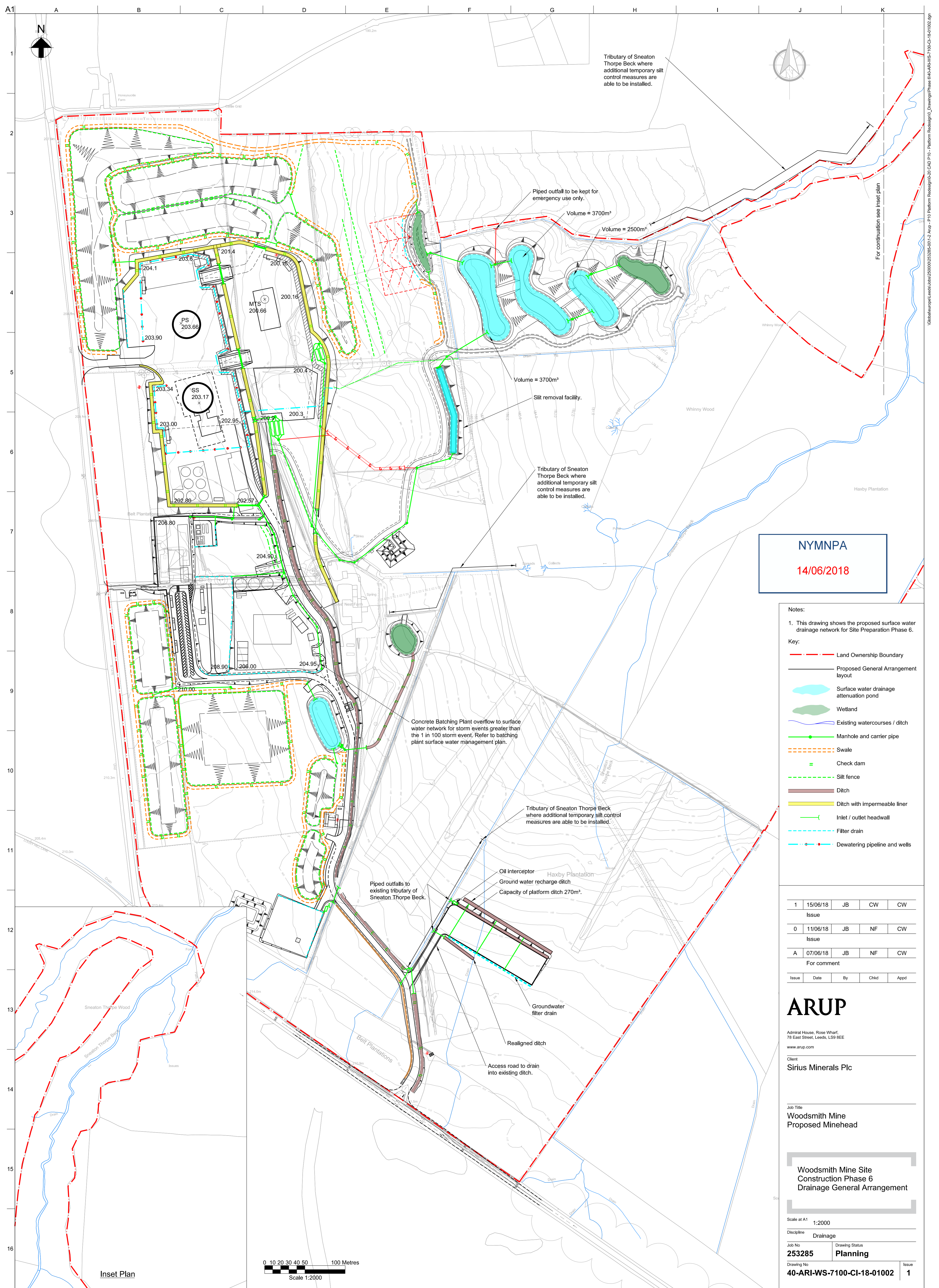
Client  
**Sirius Minerals Plc**

Job Title  
**Woodsmith Mine  
 Proposed Minehead**

**Woodsmith Mine Site  
 Construction Phase 6  
 Planning Phases Comparison  
 General Arrangement**

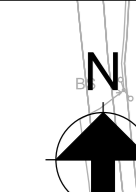
Scale at A1 1:2000  
 Discipline Highways  
 Job No **253285** Drawing Status **Planning**  
 Drawing No **40-ARI-WS-7100-CI-18-01001** Issue **0**





A1  
1  
2  
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4  
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A B C D E F G H I J K



**NYMNP**  
14/06/2018

- Notes:
- This drawing shows the proposed surface water drainage network for Site Preparation Phase 6.
- 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

1	15/06/18	JB	CW	CW
Issue				
0	11/06/18	JB	NF	CW
Issue				
A	07/06/18	JB	NF	CW
For comment				
Issue	Date	By	Chkd	Appd

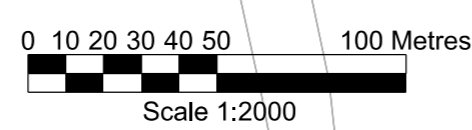
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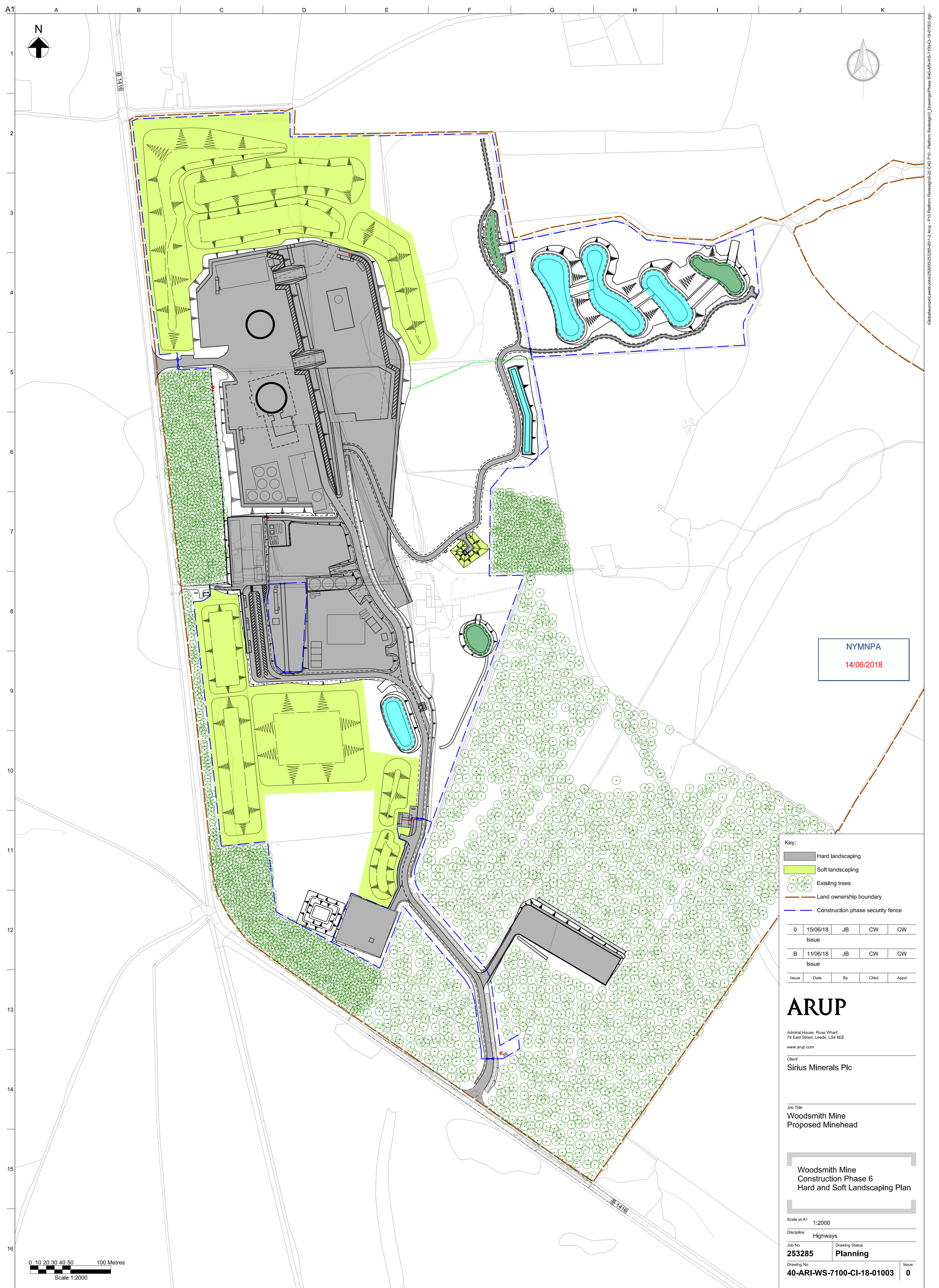
Client  
**Sirius Minerals Plc**

Job Title  
**Woodsmith Mine  
Proposed Minehead**

**Woodsmith Mine Site  
Construction Phase 6  
Drainage General Arrangement**

Scale at A1 1:2000  
Discipline **Drainage**  
Job No **253285** Planning  
Drawing No **40-ARI-WS-7100-CI-18-01002** Issue **1**





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14/06/2018

Key:

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

0	15/06/18	JB	CW	CW
Issue				
B	11/06/18	JB	CW	CW
Issue				
Issue	Date	By	Chkd	Appd

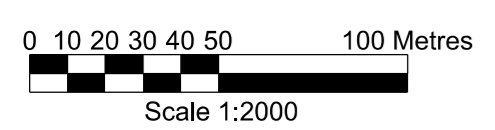
**ARUP**  
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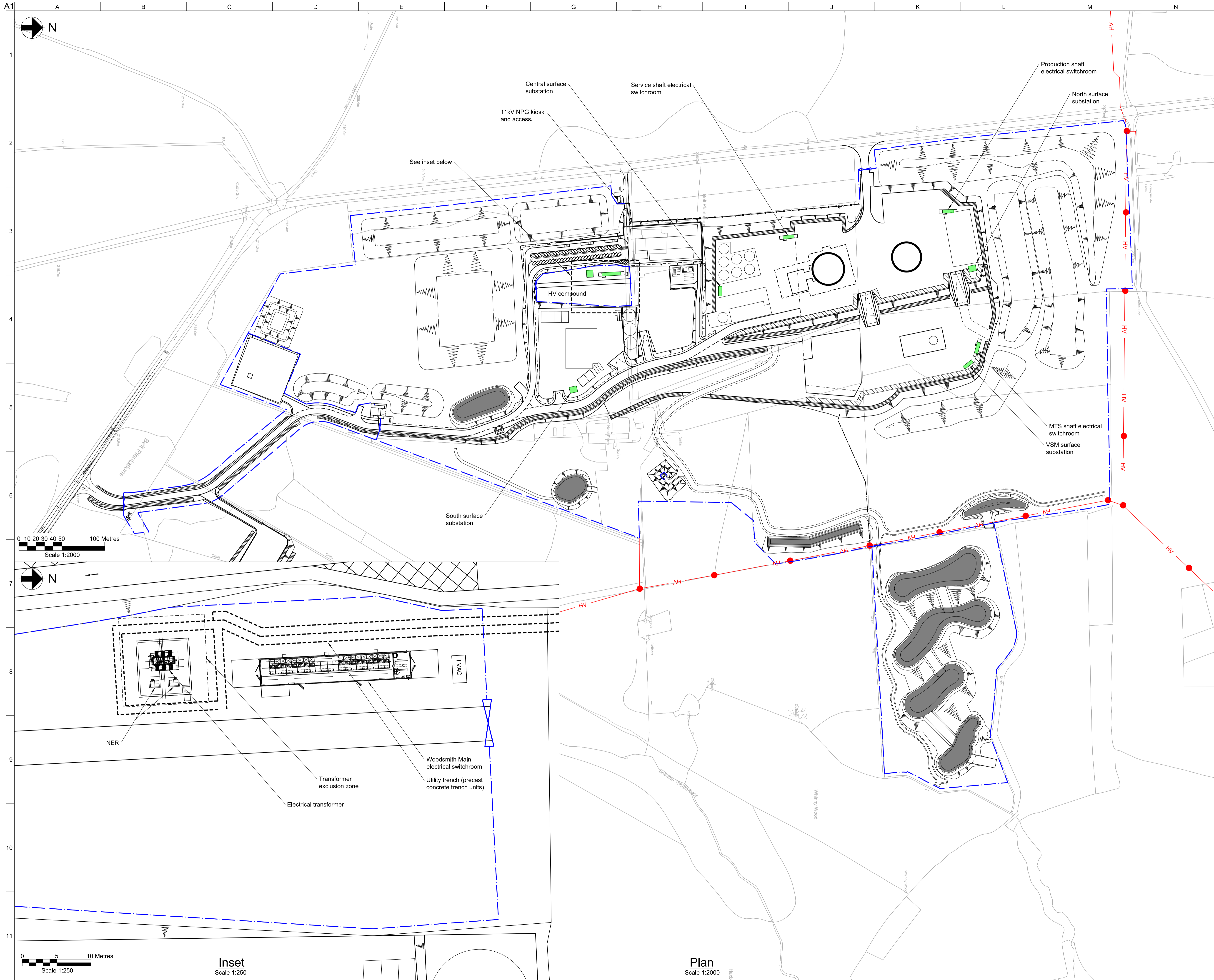
Client  
**Sirius Minerals Plc**

Job Title  
**Woodsmith Mine  
Proposed Minehead**

**Woodsmith Mine  
Construction Phase 6  
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-18-01003 Issue 0





- Key:
- Telecommunication mast
  - HV
  - Existing NPG overhead cables
  - Boundary fence line

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14/06/2018

3	15/06/18	JB	CW	CW
Issue				
2	13/06/18	JB	CW	CW
Issue				
1	11/06/18	JB	CW	CW
Issue				
0	07/06/18	KK	CW	CW
Issue				
A	05/06/18	KK	CW	CW
Draft				
Issue	Date	By	Chkd	Appd

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Client  
**Sirius Minerals Plc**

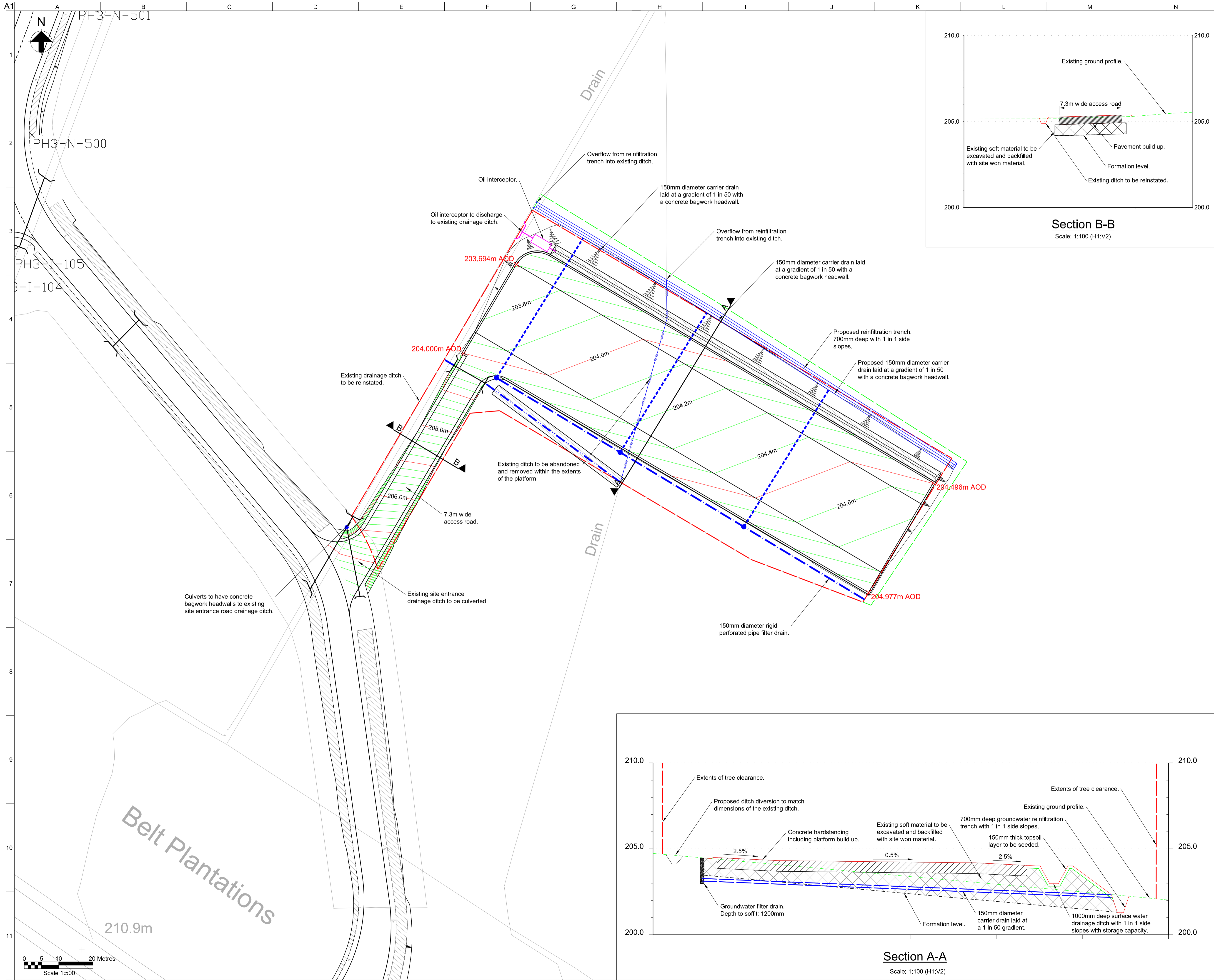
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**Woodsmith Mine  
Proposed Minehead**

**Woodsmith Mine  
Construction Phase 6  
Electrical Infrastructure**

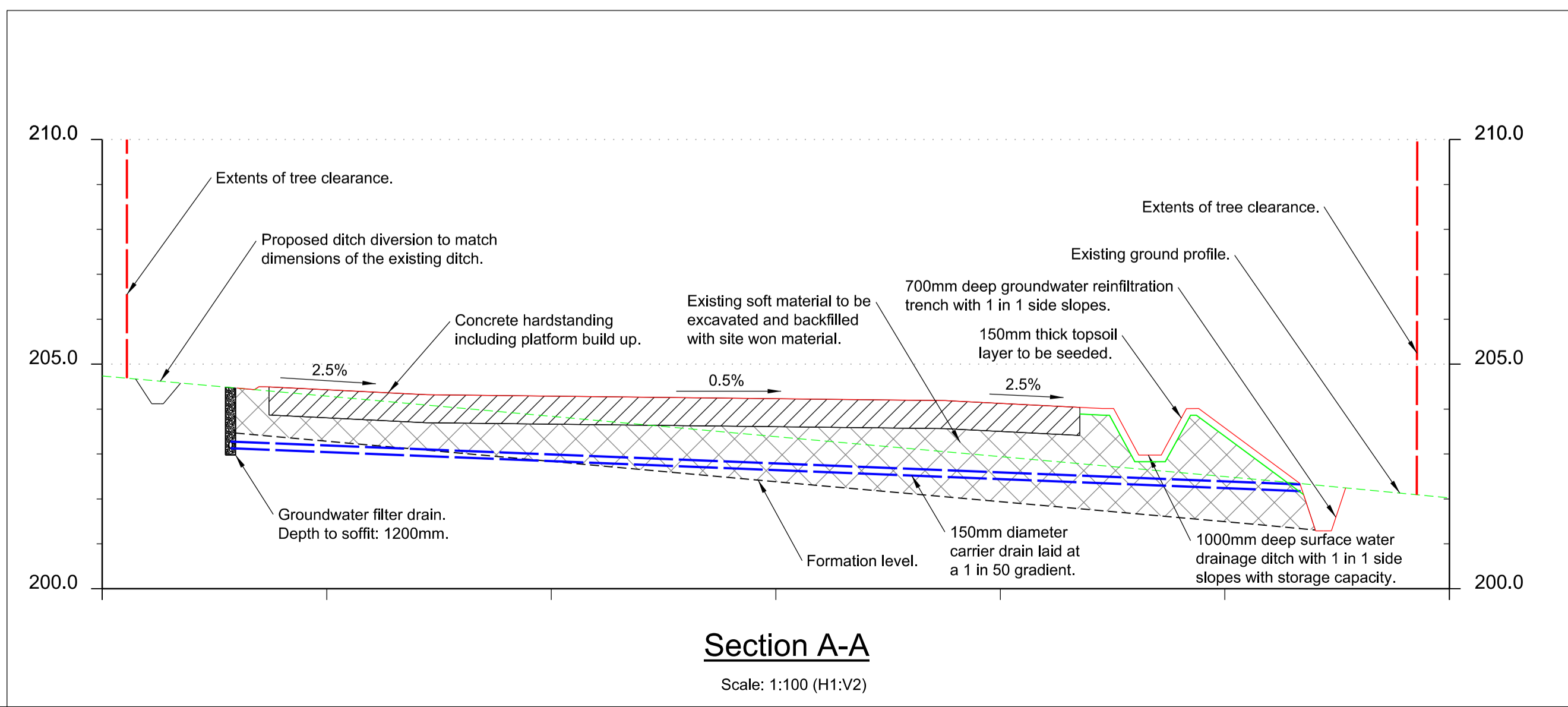
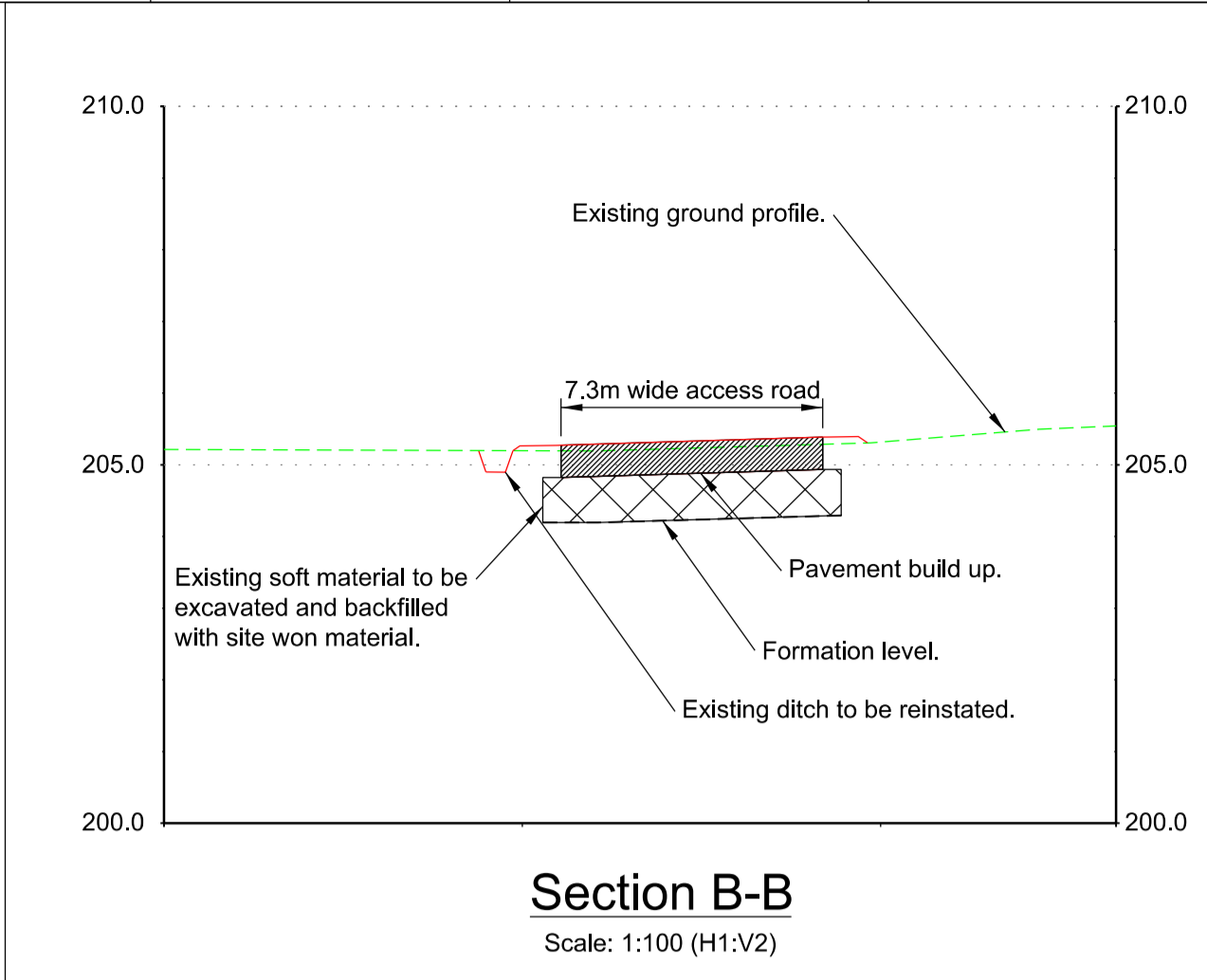
Scale at A1 1:2000

Discipline Civil - General

Job No <b>253285</b>	Drawing Status <b>Planning</b>
Drawing No <b>40-ARI-WS-7231-CI-18-01000</b>	Issue <b>3</b>



- Key:
- Existing drainage ditch to be abandoned
  - Proposed ditch diversion
  - - - Proposed filter drain
  - Proposed 450mm diameter catchpit
  - - - Proposed carrier drain
  - ▬ Proposed infiltration trench
  - ▬ Proposed platform drainage ditch
  - ▬ Proposed outfall
  - ▬ Proposed culvert
  - ▬ Proposed oil interceptor
  - ▬ Major contour
  - ▬ Minor contour
  - ▬ Edge of existing tree clearance
  - ▬ Proposed extents of additional tree clearance



**NYMNP**  
14/06/2018

0	11/06/18	JB	CW	CW
Issue				
A	04/06/18	JB	CW	CW
Draft				
Issue	Date	By	Chkd	Appd

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Client  
**Sirius Minerals Plc**

Job Title  
**Woodsmith Mine  
Proposed Minehead**

**Woodsmith Mine  
Phase 6  
Additional Platform**

Scale at A1: 1:500

Discipline: Civil

Job No <b>253285</b>	Drawing Status <b>Planning</b>
Drawing No <b>40-ARI-WS-7244-CI-18-01002</b>	Issue <b>0</b>