

From:
To:
Cc:
Subject: RE: Phase 7 cvc request for initial clarifications [NLP-DMS.FID262297]
Date: 26 October 2018 16:00:14
Attachments:

Rob,

Please find attached Sirius' formal response to your queries, alongside accompanying drawings and info. A link to the photomontages is included below.

<https://wetransfer.com/downloads/fa37cc4fcc4413cb8a62cadec7d2ff2a20181026144440/b20cb6dcd96ec78fb1651df4e923cf4020181026144440/9a7405>

I will issue you the updated Scheme for the Prior Notification of Blasting on Monday. On receipt of that, we trust you'll have everything you need to determine Phase 7 but, as always, please get in touch with Rob or I should you have any queries.

Thanks

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

lichfields.uk

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Think of the environment. Please avoid printing this email unnecessarily.

From: Rob Smith
Sent: 19 September 2018 14:06
To: Robert Staniland
Cc: James Cox
Subject: Phase 7 cvc request for initial clarifications

Rob

Further to our discussion yesterday about the phase 7 conditions discharge submission, please see attached a summary of the matters on which initial clarification is requested. I would add that we have yet to receive the large majority of consultation responses on this application, and other matters requiring further information or clarification may arise in due course. Please don't hesitate to get in touch if there are any points you would like to discuss further.

Kind regards

Rob

Rob Smith
Senior Minerals Planner

North York Moors National Park Authority
The Old Vicarage
Bondgate
Helmsley
York
YO62 5BP

NYM/2018/0585/CVC – Phase 7 conditions discharge

Request for initial clarifications

1) It is noted that the temporary winch house structures for the service and production shafts, shown on drawing 40-ARI-WS-7100-CI-18-01006, are relatively substantial buildings with a height to eaves of approximately 8.25m. It is not clear from the information provided whether these buildings will be visible to users of the adjacent B1416. Notwithstanding the confirmation already provided through the submitted Construction Method Statement, which indicates that they are proposed to be coloured RAL6008, it would be helpful if further details could be provided of:

- the external materials proposed in construction of these buildings;
The buildings will be of a steel construction, with a “Juniper Green” (ref. CD2 12B29) finish for all exterior siding and exposed steel. A digital swatch of this colour is appended and is akin to the RAL6008 colour referred to in the CMS.

Consistent with visual imagery included within the original Environmental Statement, the MTS winding tower is proposed to have an “Albatross Grey” (ref. 18B17) finish. Whilst this light grey finish is considered most effective in terms of blending the structure in with the skyline, the Juniper Green finish is also available as a potential alternative should NYMNPA consider it more appropriate (see below).

- the duration it is intended that the buildings would be present on site;
The buildings will be on site for the duration of the sinking of the service and production shafts. This will run from Q1 2019 – Q2 2022.
- information (for example a representative cross-section) to indicate the extent to which the buildings may be visible in near distance views to users of the adjacent B1416.

Photomontages are attached which depict near distance views of these buildings from the B1416, with the MTS winding tower shown in both light grey and juniper green options. Please note that the photomontages have been produced in-house and are based on the site as it looks today, with the d-wall cutters digitally removed. In reality, the site will continue to develop between Q1 2019 – Q2 2022. This will include the continuing build-up of the landscape bunds and the screening they offer.

2) Drawing 40-ARI-WS-7100-CI-18-01006 also shows further proposed buildings/structures, including ventilation system structures and temporary workshops/warehouse associated with the service and production shafts. There does not appear to be any information in the submission which indicates the intended size (height) or appearance of these structures. It would be helpful if this could be provided. If it is expected that these structures would be visible to users of the adjacent B1416, it would also be helpful if a representative cross-section to illustrate this could be supplied.

The following scaled drawings are attached in response to q. 2.

Building / Structure	Drawing Numbers
MTS Temporary Workshops / Warehouse	<ul style="list-style-type: none"> • 40-DMC-WS-7219-AR-15-00001 • 40-DMC-WS-7219-GN-18-00001
MTS Ventilation Details	<ul style="list-style-type: none"> • COL-1-0233_MTS Burner Fan 2GAL12-550-550_Rev_C • COL-1-0235_Exhaust Fan_AL14-900_Rev_b
Production Shaft Temporary Winch House	See Construction Method Statement – 3.6.4
Service Shaft Winch House	
Production Shaft and Service Shaft Ventilation Details	These will be the same as those listed under the 'MTS Ventilation Details' above. They will be located within the ventilation system footprints for the Production and Service Shafts, as shown on the submitted Construction Masterplan drawing (ref. 40-ARI-WS-7100-CI-18-01005)

Please also refers to the appended photomontage in terms of views of these buildings / structures from the B1416.

3) It is understood from recent discussion that further illustrative material to demonstrate the appearance of the MTS temporary headframe structure may be available. It would be helpful if this could be provided, together with clarification of any external lighting requirements (other than low level temporary lighting).

The following scaled drawings are attached in response to q. 3:

Building / Structure	Drawing Numbers
MTS Headframe	<ul style="list-style-type: none"> • 40-DMC-WS-1310-AR-31-00002 • 40-DMC-WS-1310-AR-31-00001

External lighting will be limited to low level temporary lighting that accords with the lighting strategy contained within Appendix 11 of the Supplementary ES (June 2017)

4) Siltbuster building – please confirm whether any external lighting is proposed in association with this structure.

There will be limited lighting associated with the Siltbuster building, to allow safe access and egress at night. The levels of light will be no greater than currently installed in the (uncovered) Siltbuster area.

5) Paragraph 3.7.1 of the Construction Method Statement provides information on expected volumes of extractive material expected to arise in association with foreshaft construction and main shaft construction down to the -120m level, for both the service and production shafts. Equivalent information is also provided on drawing 40-ARI-WS-7100-CI-18-01011. Whilst the volumes for the service shaft as shown in these two sources are closely aligned, there is a significant discrepancy in foreshaft and main shaft volumes for the production shaft. Please could you clarify the expected volume of arisings for this latter shaft.

We can confirm that the expected volumes provided on drawing 40-ARI-WS-7100-CI-18-01011 are the correct volumes to be referred to for the Phase 7 works.

6) Drawing 40-ARI-WS-7100-CI-18-01006 shows a proposed minor realignment of the internal haul road linking the main internal haul road with the northern drainage ponds area. Please could the reasoning for be clarified.

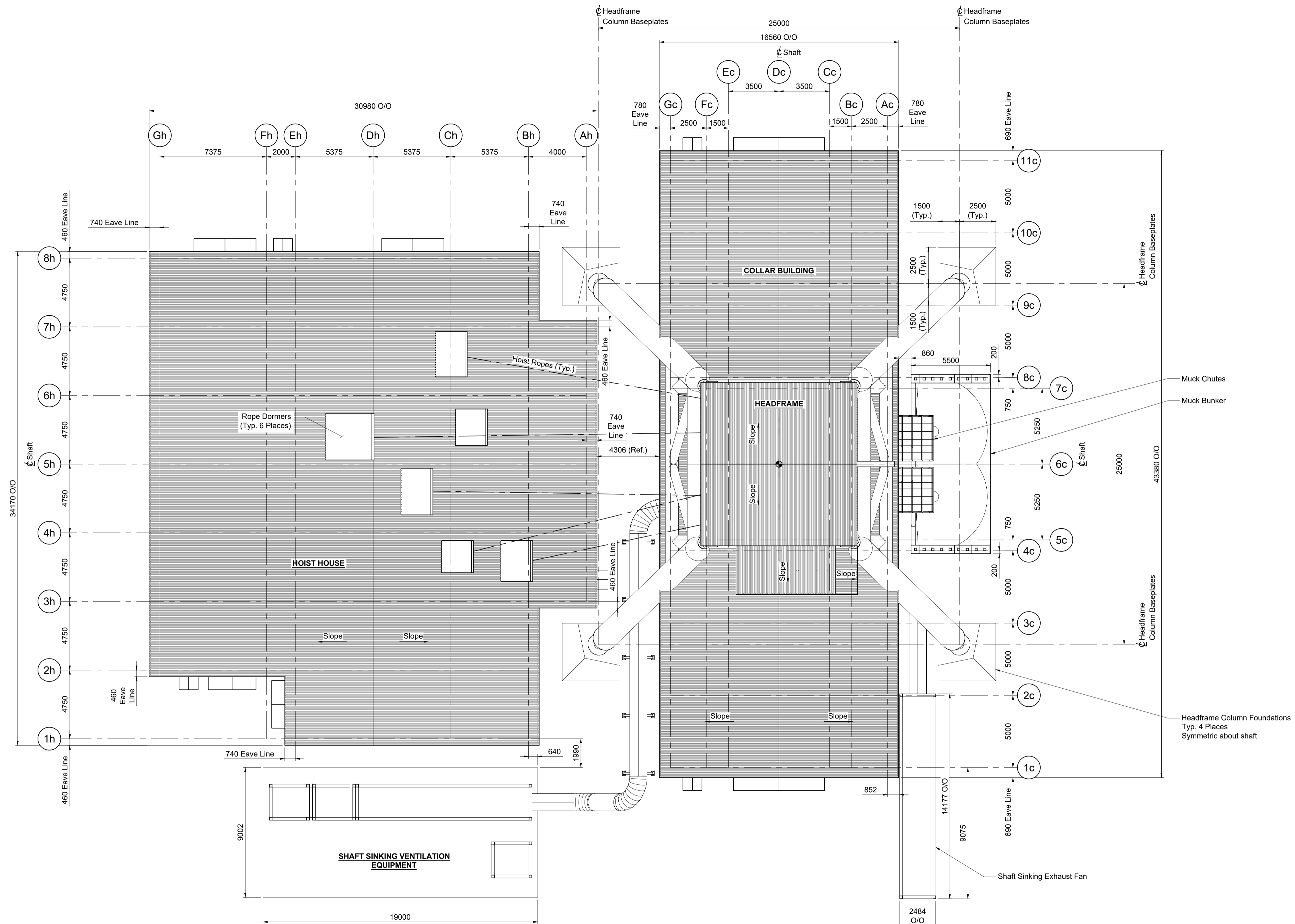
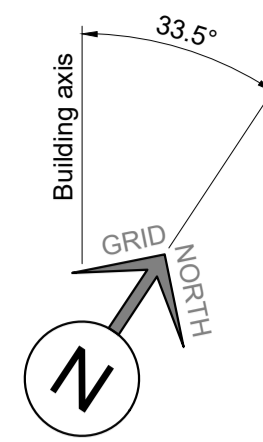
The realignment is necessary to facilitate the construction of the full MTS shaft platform. If the road was to stay on its current alignment, it would bisect the platform, which is not optimal for safe use.

7) Paragraph 2.2 of the Scheme for Prior Notification of Blasting indicates that Sirius will contact every resident within a 1.5km radius of the Woodsmith Mine site and invite them to be notified. For the avoidance of doubt it would be helpful if it could be confirmed that such contact will also include local businesses within the same radius.

The scheme also indicates that notifications to registered parties will be sent out via email or text message prior to each blast. It would be helpful if the scheme could also confirm that, exceptionally, and in circumstances where email/text notification is not practicable, other means of communication of individual blasts will be given where possible.

It would also be helpful if the scheme could indicate that the approach to communication and notification of blasting arrangements will be kept under review and revised as necessary in discussion with the National Park Authority in the light of experience of implementation.

An updated scheme, including all aspects raised in the request, will be submitted to you under separate cover.



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Notes / Key

1. All dimensions in millimeters, all elevations in meters AOD unless noted otherwise.
2. Building axis aligned with Collar Building.

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

Revision Description				
A1	04/10/2018	CMR	HLM	EGB
Issued for internal review				
REV	DATE	BY	CHKD	APPD



Drawing Title: North Yorkshire Polyhalite Project
Woodsmith Site - MTS Shaft
Sinking Mode Surface Facilities Plan
SCALE: As Noted

CONT No: 40-DMC-WS-1310-DWG-A0040
719-1862080100-DWG-A0040
DMC MINING SERVICES (UK) LTD
Telephone: (905) 780-1980
Facsimile: (905) 780-1990
www.dmcmining.com

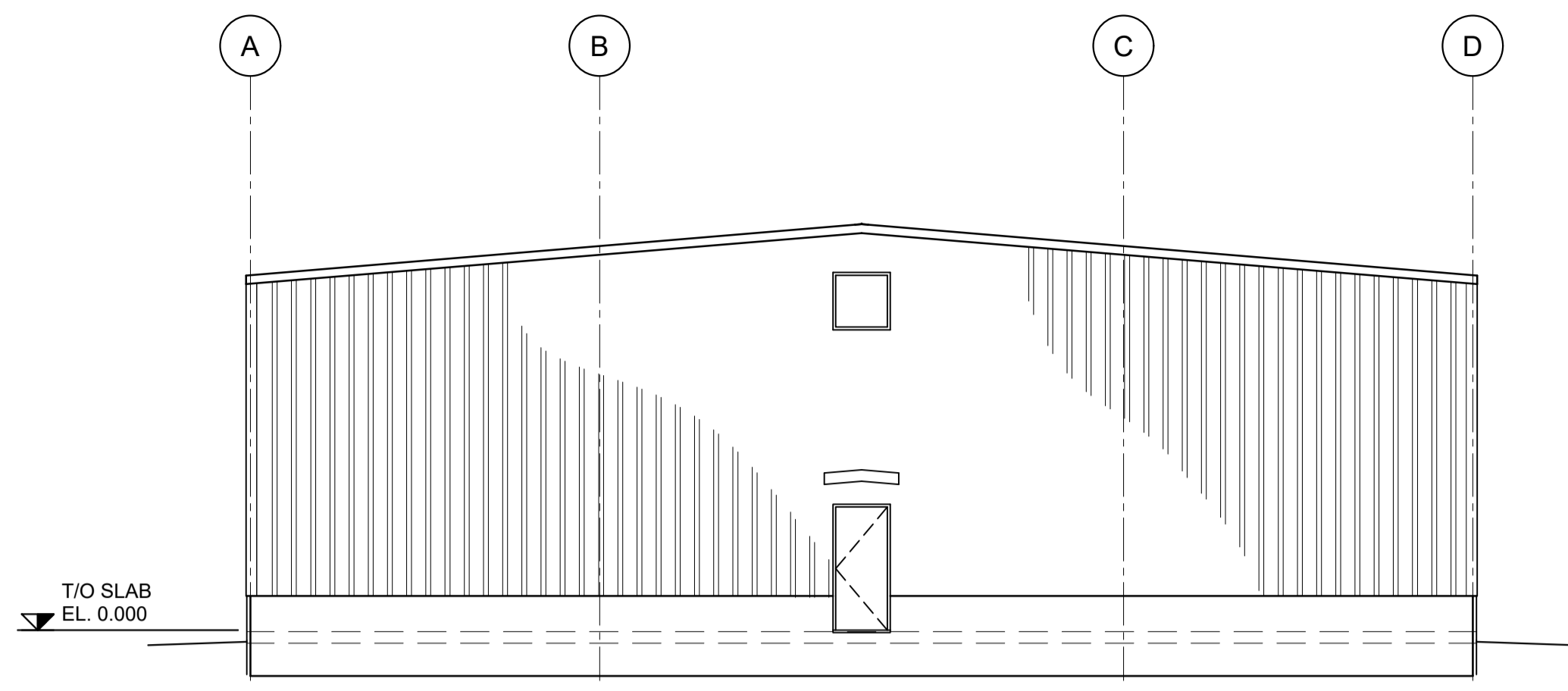
Woodsmith MTS Shaft - Sinking Mode Surface Facilities - Plan
1 : 150



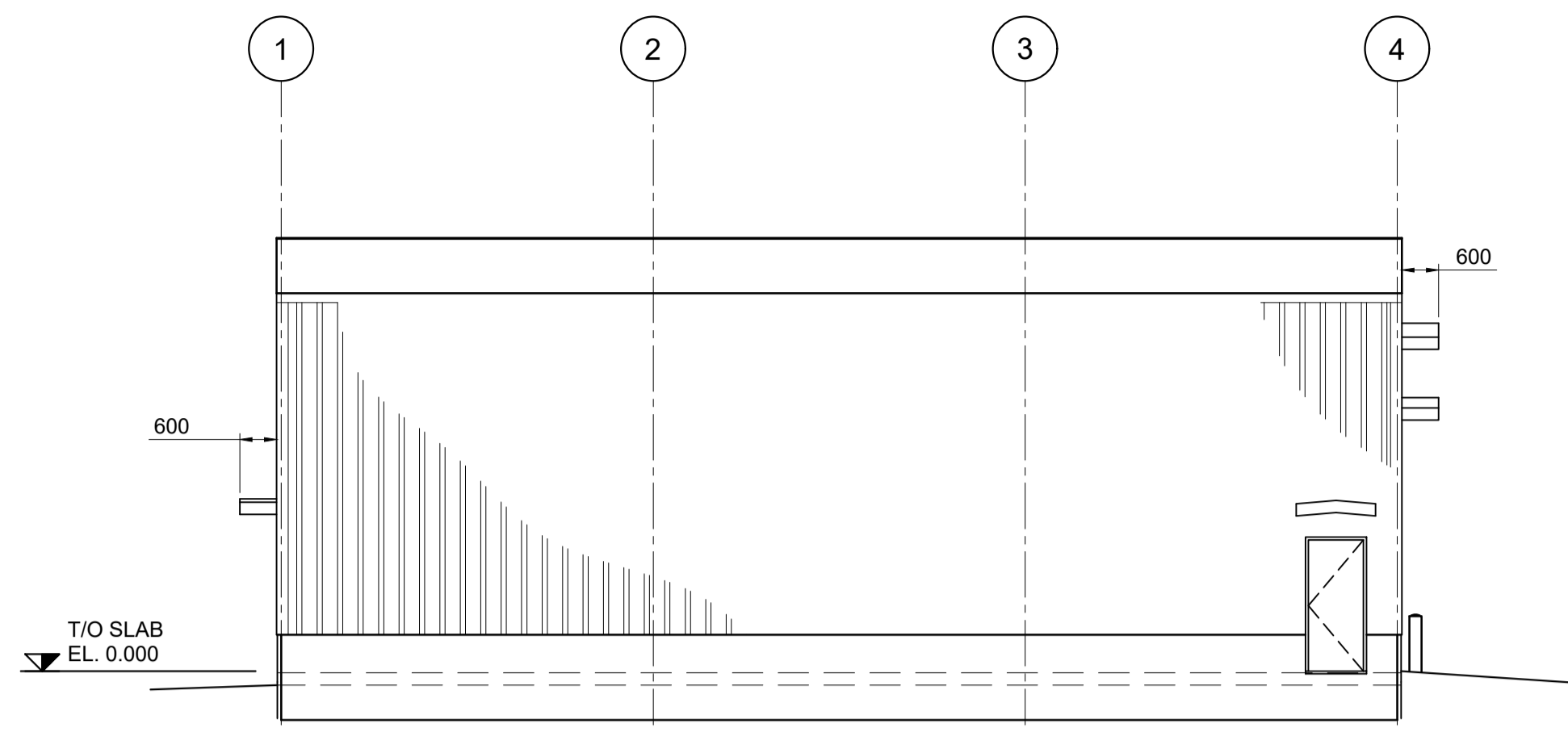
DOCUMENT CERTIFICATION

40-DMC-WS-1310-AR-31-00002	Woodsmith Site - MTS Shaft Sinking Mode Surface Facilities South Elevation		
Drawing Number	Reference Drawings	Drawing Number	Reference Drawings

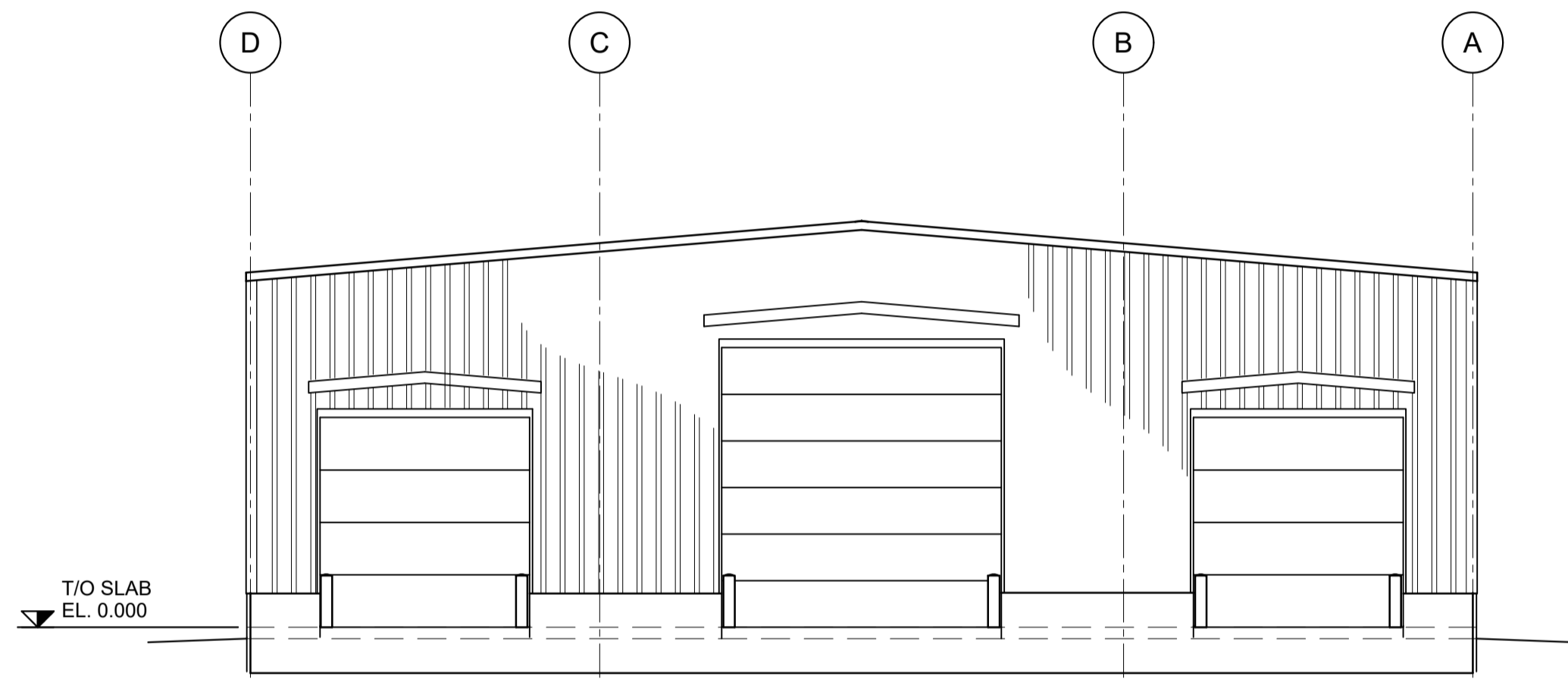
Notes / Key
 1. FOR GENERAL NOTES REFER TO DRG. No. 40-DMC-WS-7219-ST-72-00001



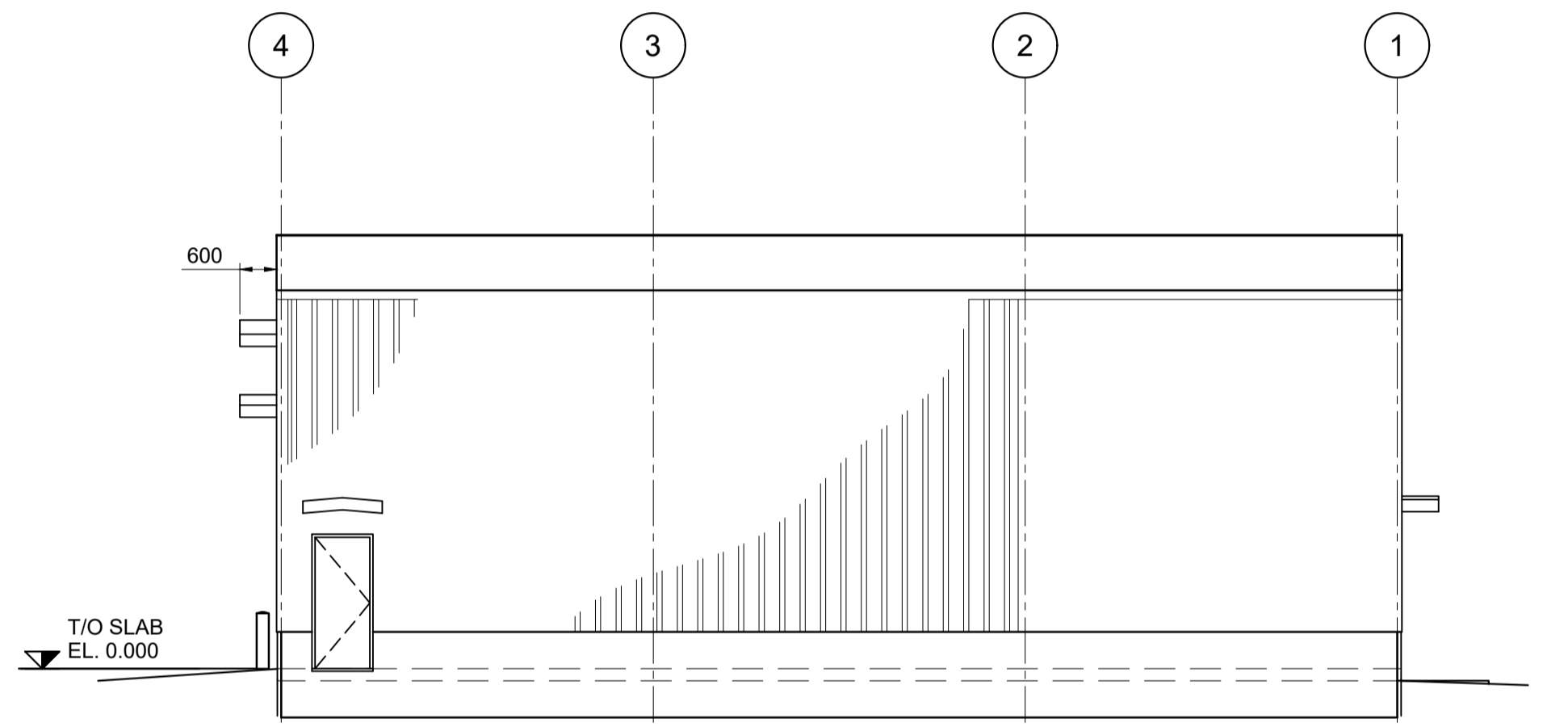
West Elevation
1: 100



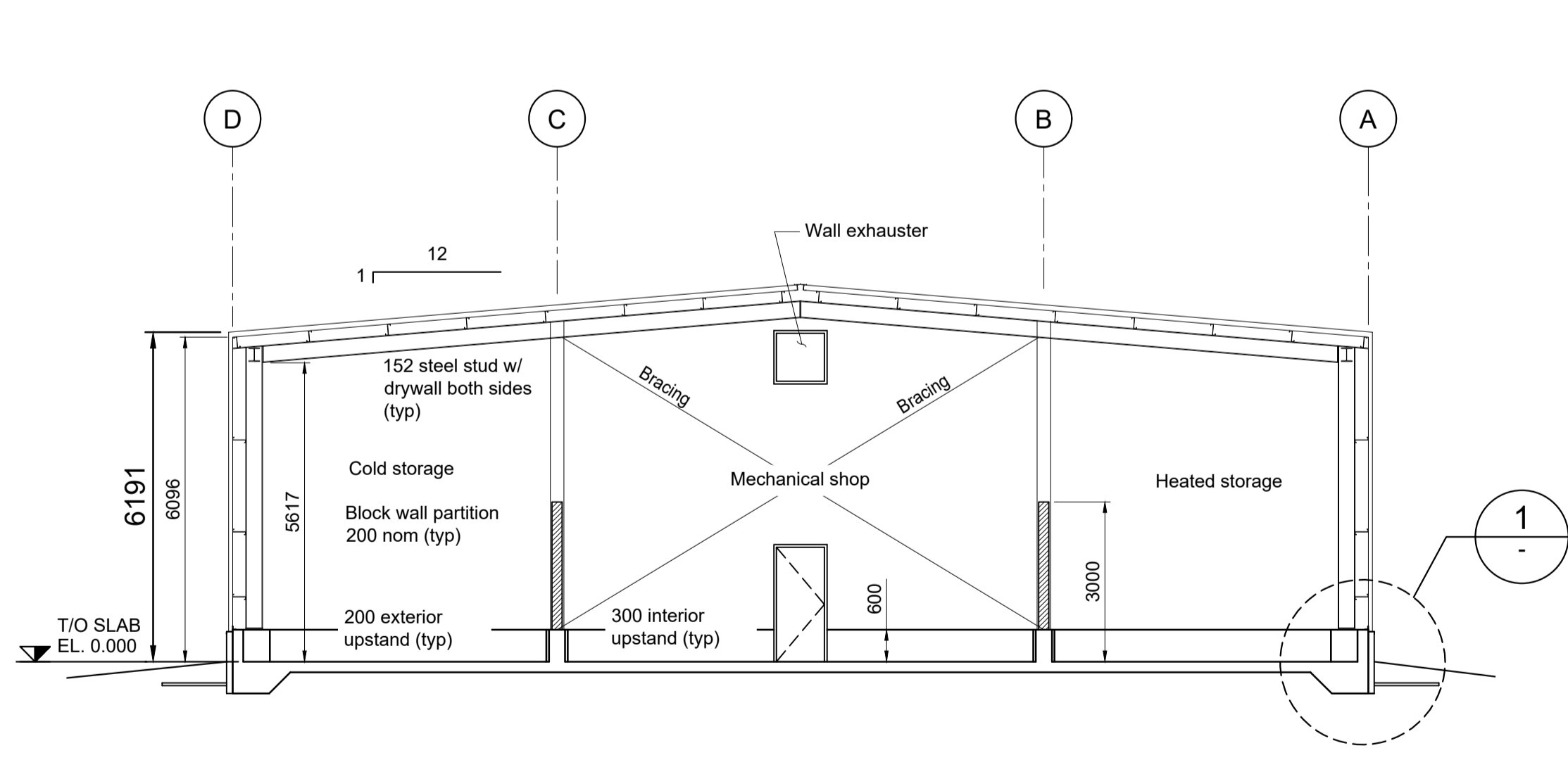
South Elevation
1: 100



East Elevation
1: 100



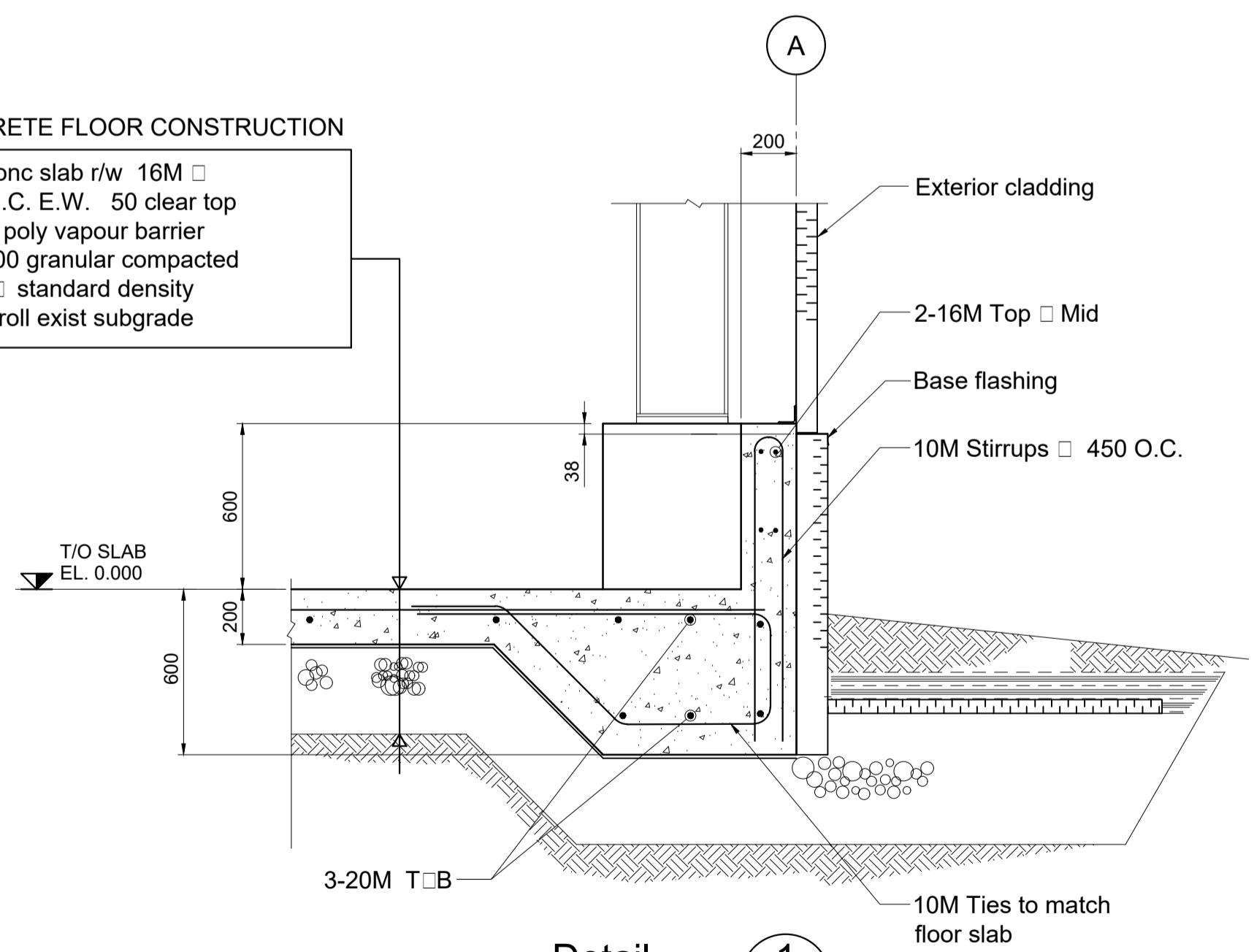
North Elevation
1: 100



Section A
1: 100

CONCRETE FLOOR CONSTRUCTION

- 200 conc slab r/w 16M \square 450 O.C. E.W. 50 clear top
- 10 Mil poly vapour barrier
- Min 200 granular compacted to 98 \square standard density
- Proof roll exist subgrade



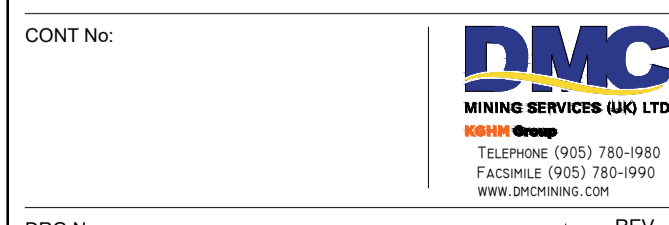
Detail 1
1: 20

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

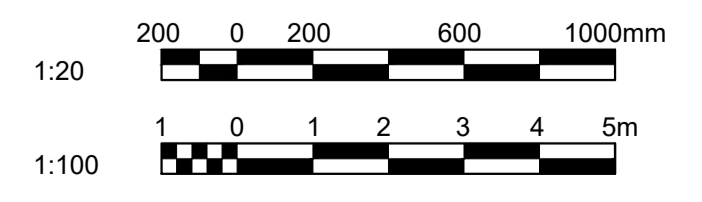
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Revision Description: ISSUED FOR TENDER				
A	06.11.2018	HA	SS	SS
Revision Description: ISSUED FOR REVIEW				
REV	DATE	BY	CHKD	APPD



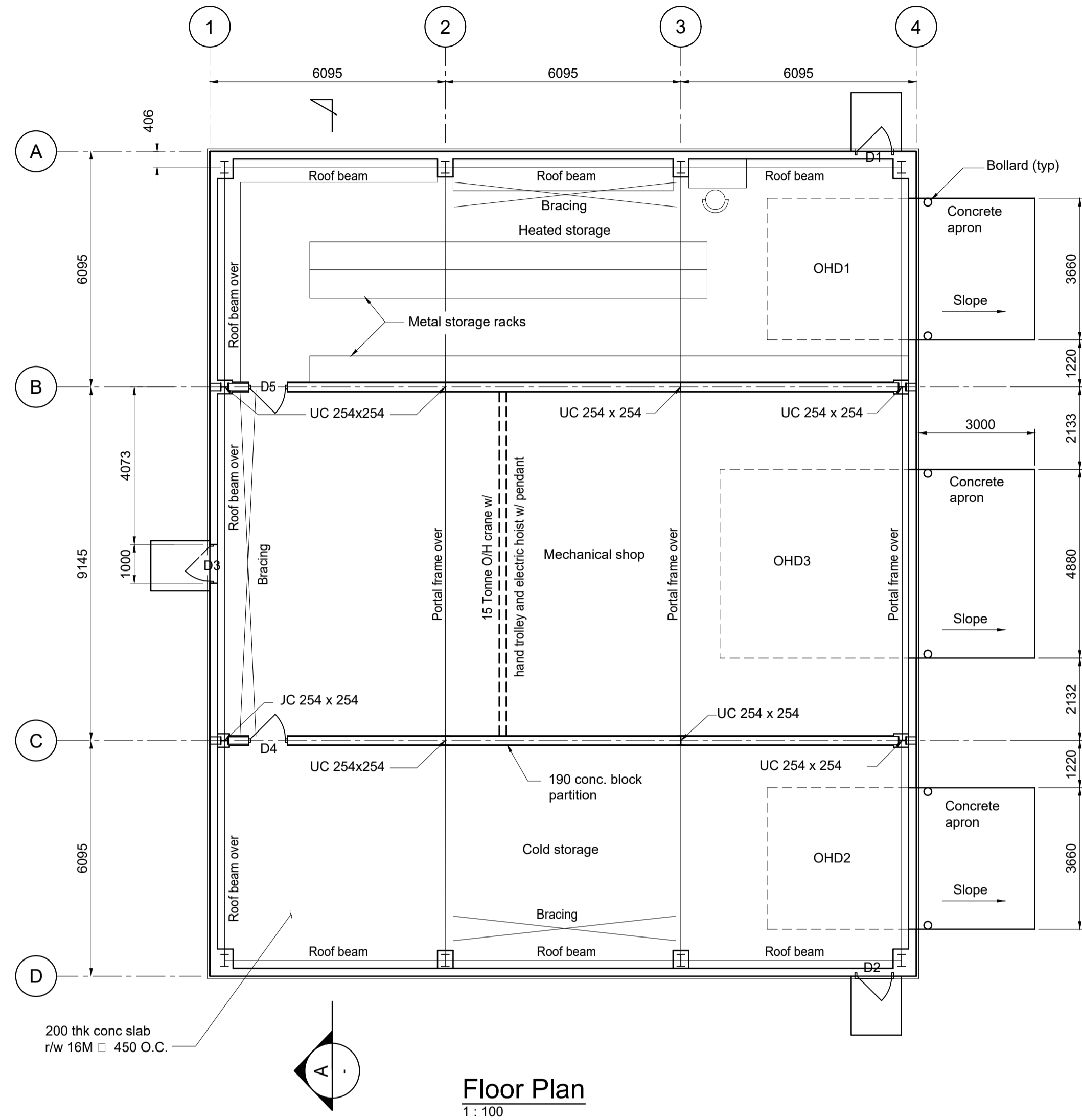
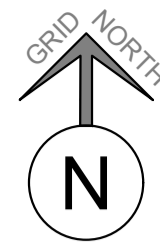
Drawing Title: WOODSMITH SHAFT SINKING SET UP Warehouse/Shops Elevations, Section and Detail
 SCALE: 1: 100



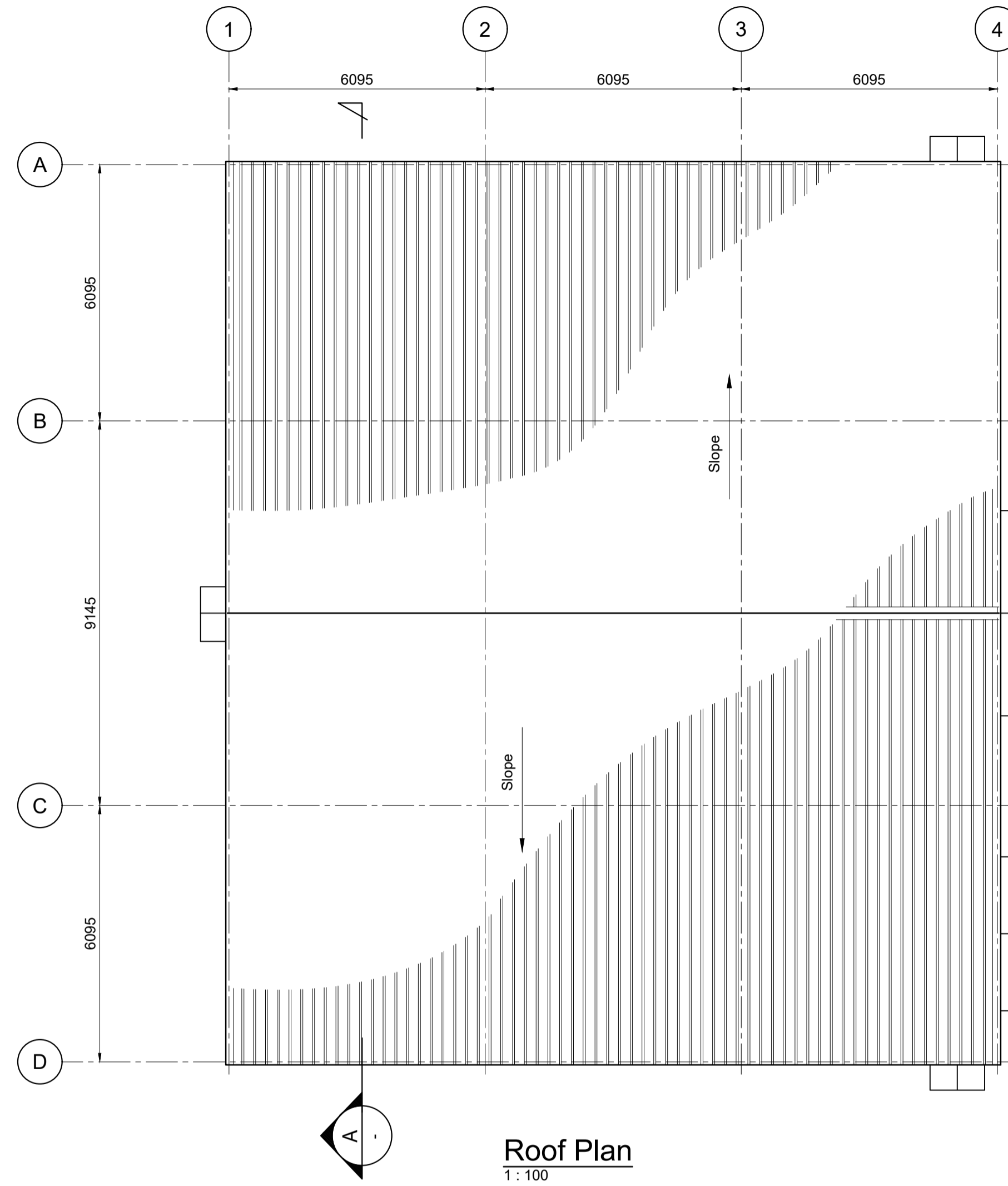
DRG No: 40-DMC-WS-7219-AR-15-00001
 REV B



DOCUMENT CERTIFICATION		
	Drawing Number	Reference Drawings



Floor Plan
1:100



Roof Plan
1:100

Door Schedule						
No	Size W x H	Mat	Fin	Hardware	Handed	Remarks
D1	900 x 2150	MET	PT	Entrance locks	LH	Steel frame
D2	900 x 2150	MET	PT	Entrance locks	RH	Steel frame
D3	900 x 2150	MET	PT	Entrance locks	RH	Steel frame
D4	900 x 2150	MET	PT	Entrance locks	LH	Steel frame
D5	900 x 2150	MET	PT	Entrance locks	RH	Steel frame
OHD1	3660 x 3660	MET	PT	Lock	OH	Electric motor
OHD2	4880 x 4880	MET	PT	Lock	OH	Electric motor
OHD3	3660 x 3660	MET	PT	Lock	OH	Electric motor

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Notes / Key

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**PRELIMINARY
DRAWING**

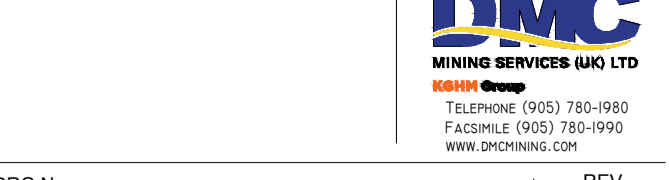
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CONSTRUCTION

B	07.27.2018	HA	SS	KF
Revision Description ISSUED FOR TENDER				
A	06.15.2018	HA	SS	SS
Revision Description ISSUED FOR REVIEW				
REV	DATE	BY	CHKD	APPD

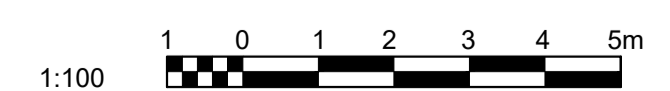


Drawing Title: WOODSMITH
SHAFT SINKING SET UP
Warehouse/Shops
Floor and Roof Plans

SCALE: 1:100

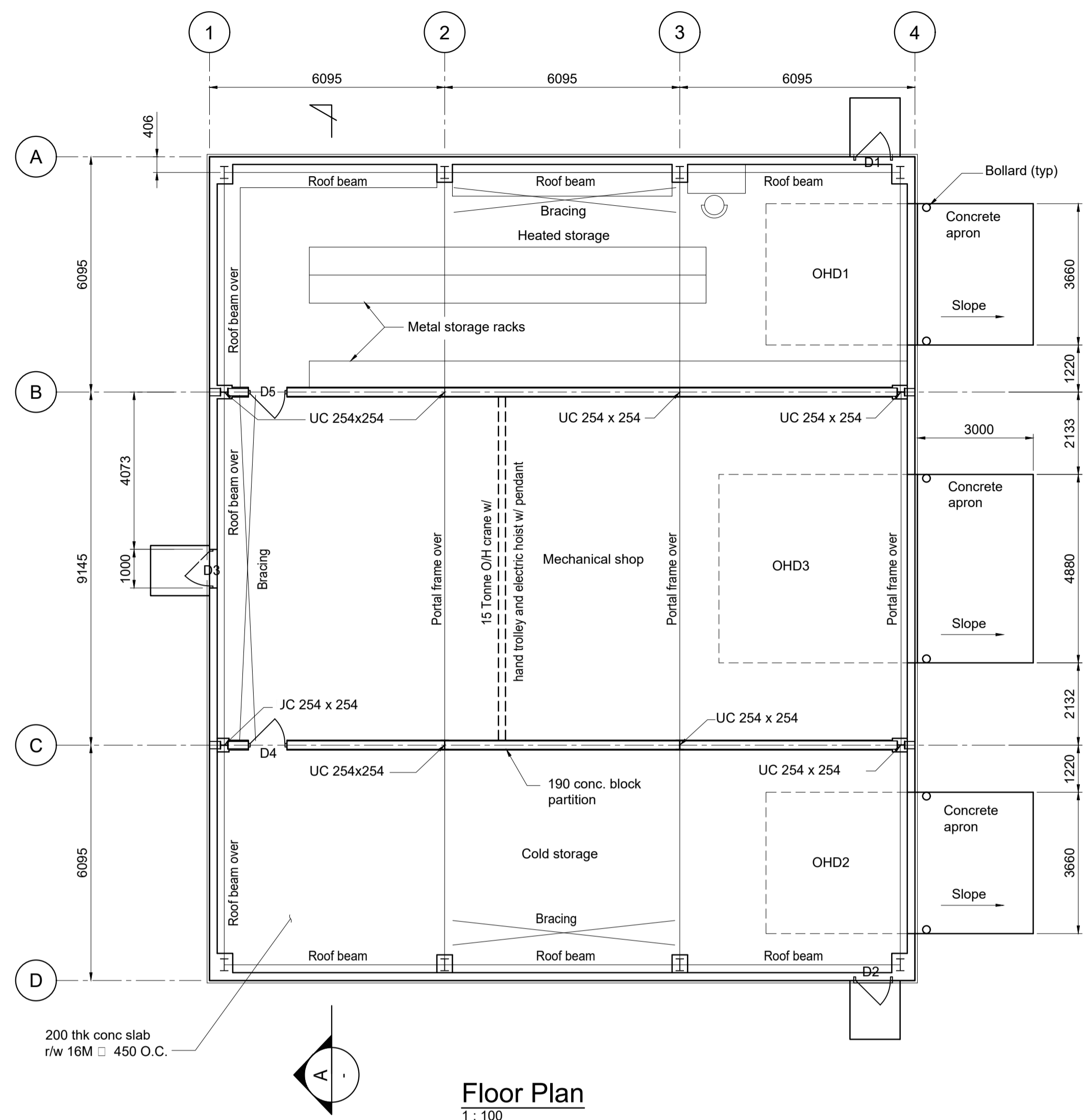
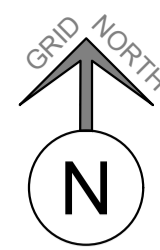


DRG No: 40-DMC-WS-7219-GN-18-00001
REV: B

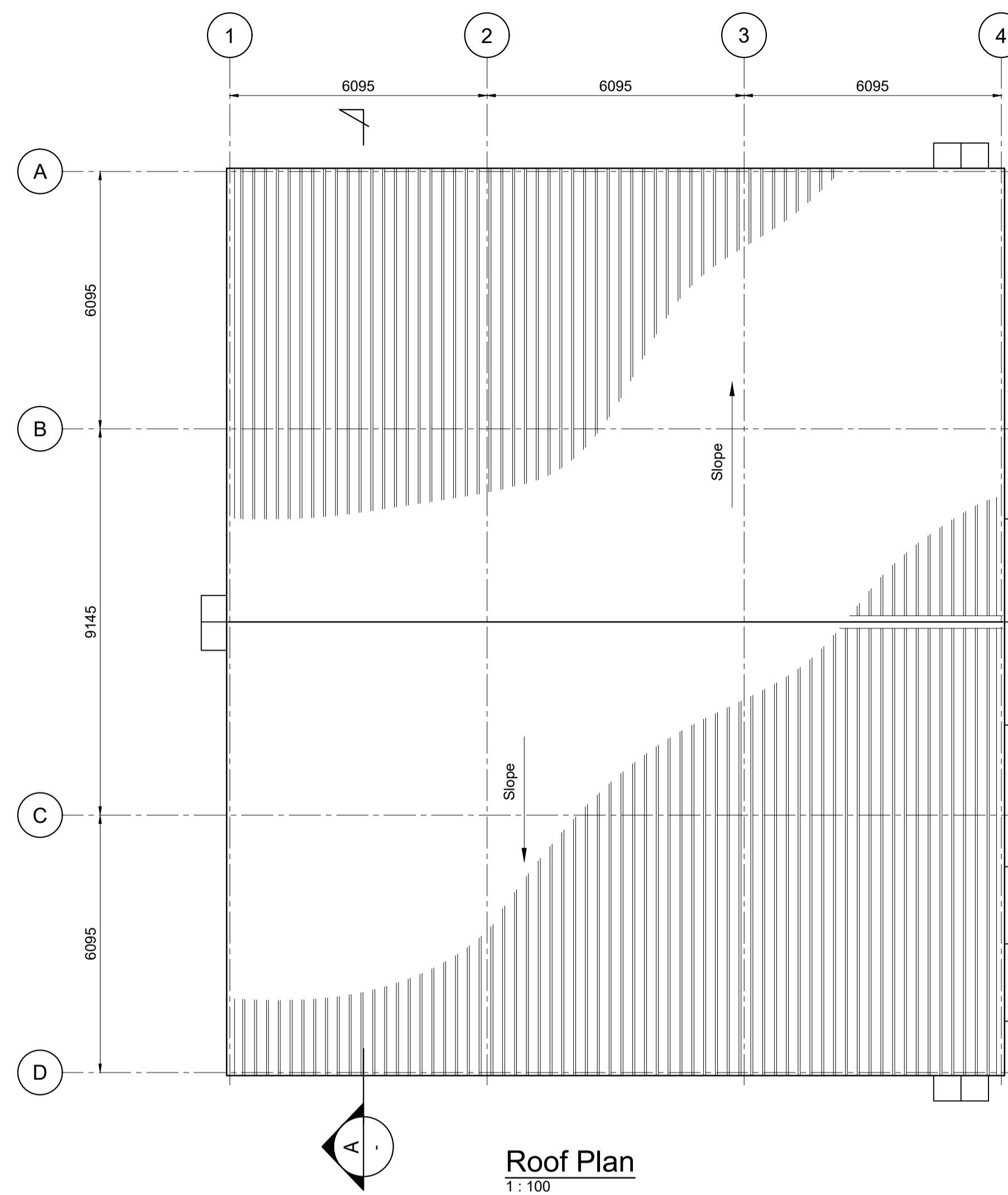


DOCUMENT CERTIFICATION

Drawing Number	Reference Drawings



Floor Plan
1:100



Roof Plan
1:100

Door Schedule						
No	Size W x H	Mat	Fin	Hardware	Handed	Remarks
D1	900 x 2150	MET	PT	Entrance locks	LH	Steel frame
D2	900 x 2150	MET	PT	Entrance locks	RH	Steel frame
D3	900 x 2150	MET	PT	Entrance locks	RH	Steel frame
D4	900 x 2150	MET	PT	Entrance locks	LH	Steel frame
D5	900 x 2150	MET	PT	Entrance locks	RH	Steel frame
OHD1	3660 x 3660	MET	PT	Lock	OH	Electric motor
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OHD3	3660 x 3660	MET	PT	Lock	OH	Electric motor

Notes / Key

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**PRELIMINARY
DRAWING**

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B	07.27.2018	HA	SS	KF
Revision Description ISSUED FOR TENDER				
A	06.15.2018	HA	SS	SS
Revision Description ISSUED FOR REVIEW				
REV	DATE	BY	CHKD	APPD



Drawing Title: WOODSMITH
SHAFT SINKING SET UP
Warehouse/Shops
Floor and Roof Plans

SCALE: 1:100

CONT No:



DRG No: 40-DMC-WS-7219-GN-18-00001

REV B

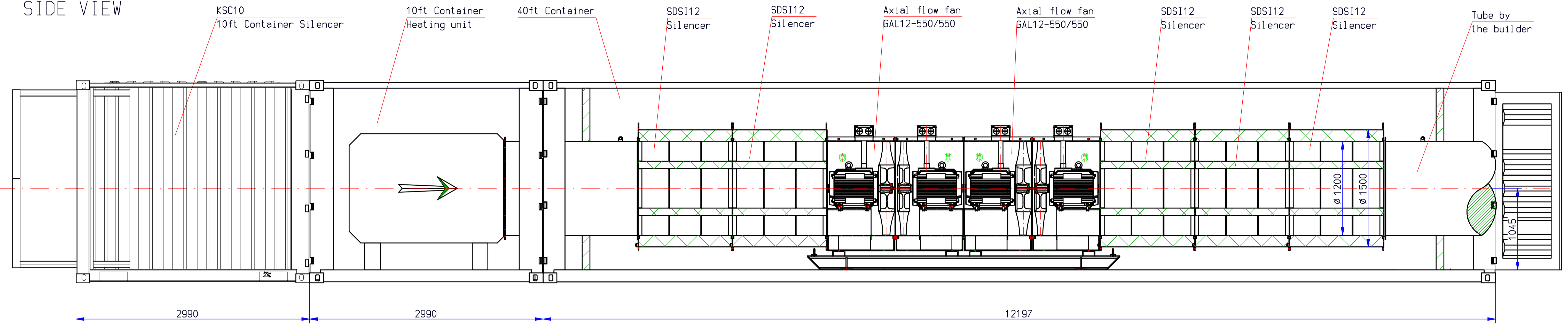
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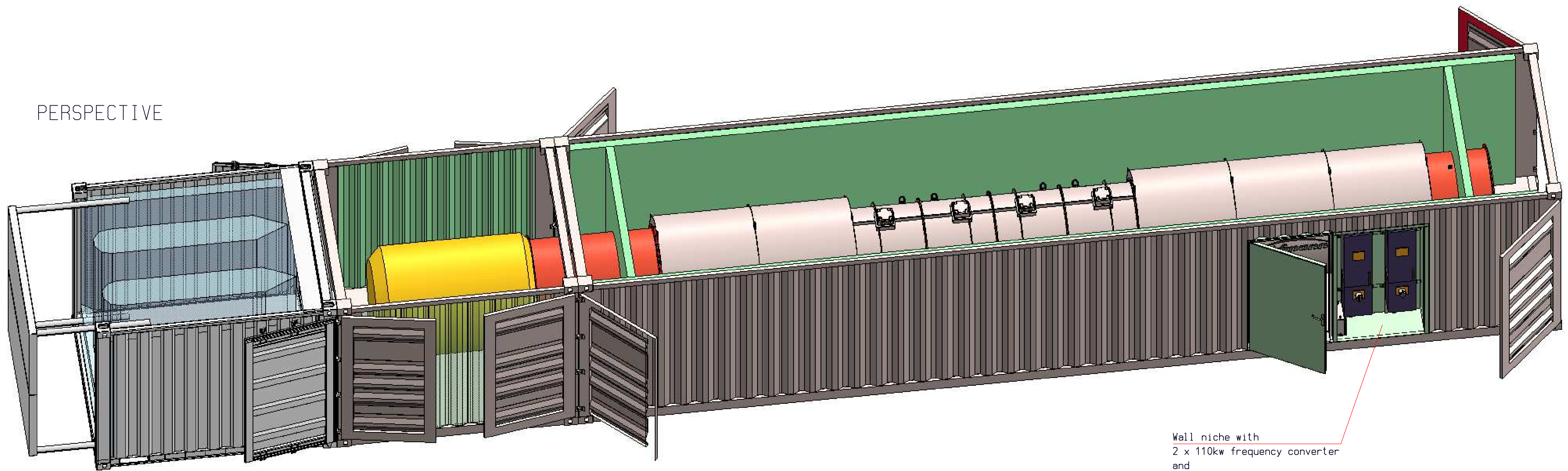


1:100

SIDE VIEW



PERSPECTIVE



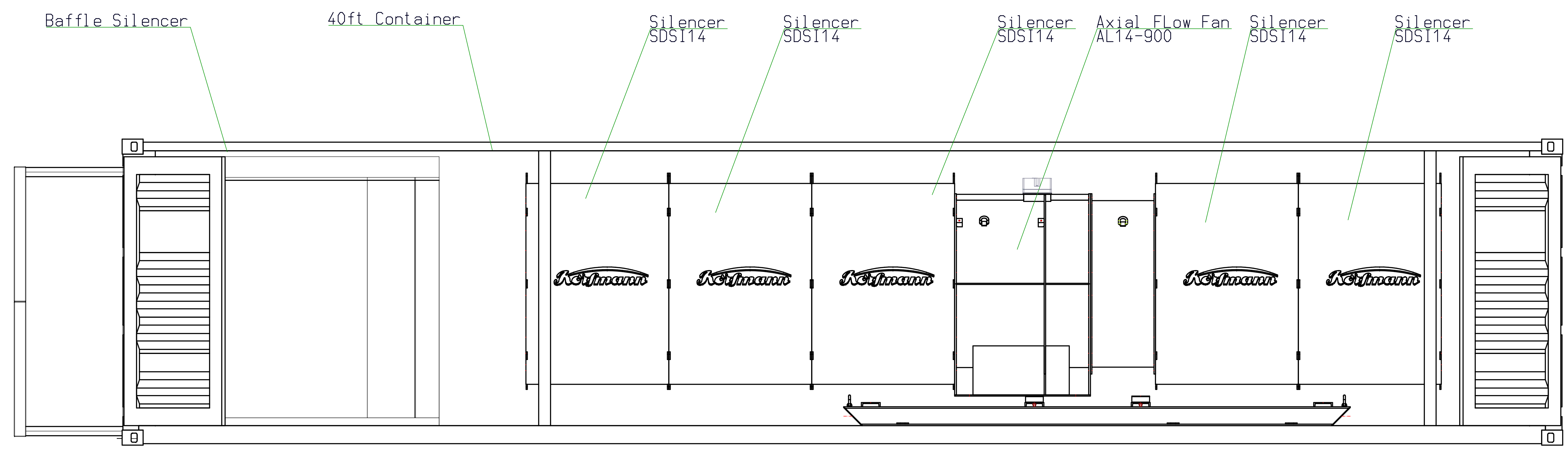
Wall niche with
 2 x 110kw frequency converter
 and
 maintenance door

Quotation drawing! Design may vary.
 Offertzeichnung! Darstellung kann abweichen.

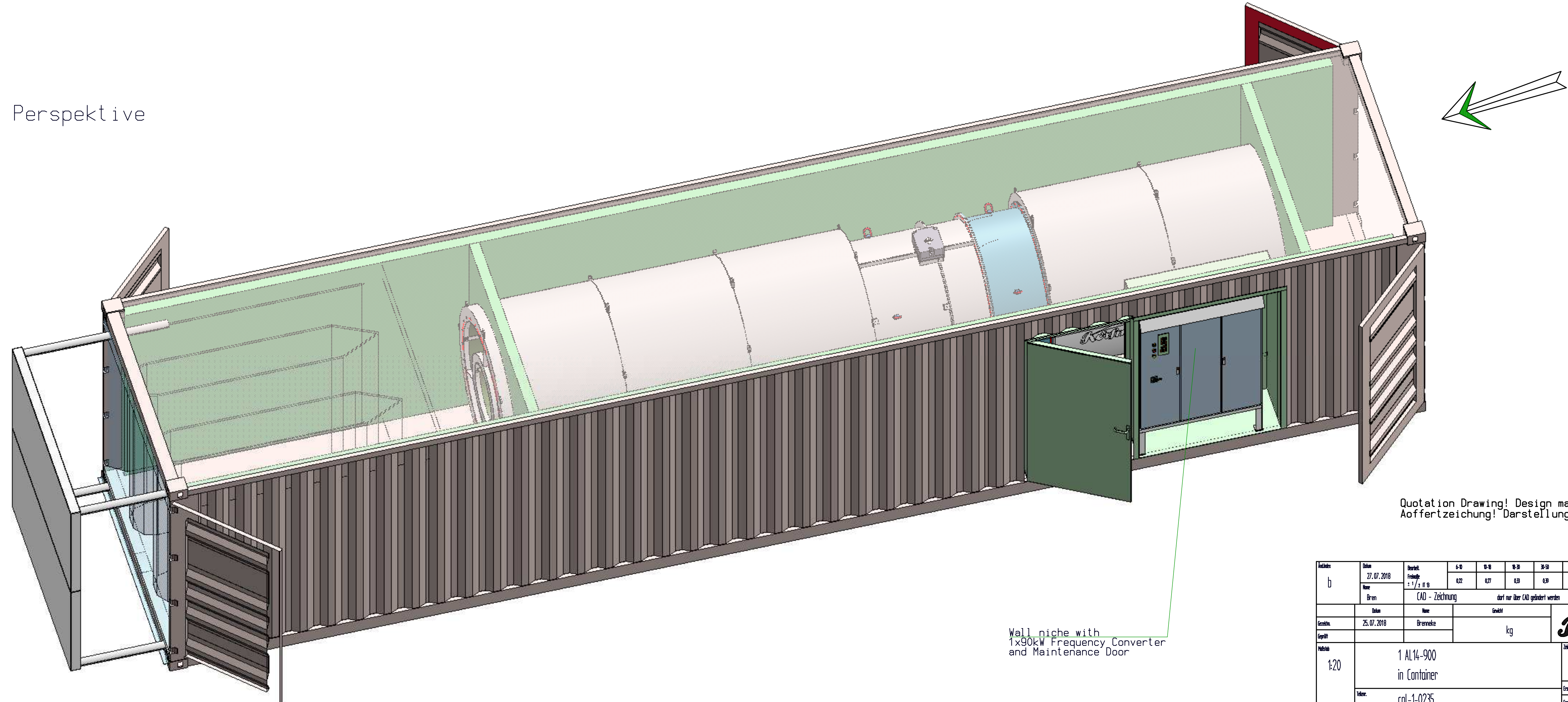
Anzahl	Datum	27.07.2018	Verfasser										
	Name	Bren	Titel	0-0	0-1	0-2	0-3	0-4	0-5	0-6	0-7	0-8	0-9
Gezeichnet	Datum	24.07.2018	Name										
	Geprüft		Klasse										
Menge	Gewicht												
	kg												
1:25	Zählmenge												
	2 GAL12-550/550 in Container			COL-1-0233									
Mater. COL-1-0233			Erstellt durch										



Side View



Perspektive



Quotation Drawing! Design may vary.
 Aoffertzeichnung! Darstellung kann Abweichen

b	Datum	27.07.2018	Druck	1:1	1:2	1:5	1:10	1:20	1:50	1:100	1:200	1:500	1:1000
	Erstellt	25.07.2018	Erstellt	022	027	039	039	046	054	060	072	081	
CAD - Zeichnung		dort nur über CAD geändert werden											
Name		Gewicht		kg									
Erstellt		Erreichte		kg									
1:20	1 AL14-900 in Container		col-1-0235										
	col-1-0235		Erstellt durch										



Scheme for Prior Notification of Blasting – NYMNPA 33

Document Number: 40-SMP-WS-1000-PA-PL-00001

Document Verification					
Revision	Date	Prepared by	Checked by	Approved by	Reason for Issue
A	21/08/2018	JC	MP		Issued for Use
B	26/10/2018	JC	N/A		Feedback from NYMNPA

Scheme for Prior Notification of Blasting – NYMNPA 33

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Scheme for Prior Notification of Blasting – NYMNPA 33

1 Introduction

1.1 The Purpose of this document

This document forms the Scheme for the Prior Notification of Blasting in relation to the Woodsmith Mine. This Scheme is required to fully discharge Condition 33 of the North York Moors National Park Authority (NYMNPA) planning permission NYM/2014/0676/MEIA (as subsequently varied by NYM/2017/0505/MEIA).

1.2 Compliance with Condition NYMNPA 33

The wording of planning Condition 33, and where the necessary material has been provided within this document is set out in Table 1.

Table 1 : Details of NYMNPA Planning Condition 33

NYMNPA Condition 33	Compliance
A scheme for prior notification of blasting for any of the chamber creations and shaft sinking shall be submitted to the MPA for approval prior to the shaft chamber sinking phases of the development. Such a scheme shall involve the regular provision of a schedule of proposed blasts.	This document.
The notification shall include the following: Location of the blast site; Approximate times of blasting; and Details of any warnings to be given prior to the blasting.	Section 2.
Blasting operations shall be carried out in accordance with the blasting schedule. Any changes to the schedule arising through exceptional circumstances must be notified in writing with the MPA.	Section 2.1.

2 Scheme for the Prior Notification of Blasting

2.1 Schedule of Proposed Blasts

At least two weeks prior to the undertaking of any blasting associated with an approved phase of works, Sirius Minerals will publish a blasting schedule on their website (www.siriusminerals.com) providing details of;

- The location of the blast site;

- The approximate times of blasting; and
- Details of any warnings to be given prior to the blasting.

In accordance with Condition 33, the MPA will be notified in writing of any changes to the blasting schedule arising from exceptional circumstances.

The timing of any blasting will also accord with the requirements of NYMNPA Planning Condition 24 that precludes any blasting outside the period 07:00 until 22:00 unless agreed in advance in writing by the MPA and it can be demonstrated that there will be no significant adverse noise effect on residents.

2.2 Notification of Proposed Blasts

Prior to the undertaking of first blasting, Sirius Minerals will contact every resident and local business within a 1.5km radius of the Woodsmith mine site and invite them to be notified – via email, text message or both – of any blasting activity. Other residents and interested parties located outside of the 1.5km catchment area will also have opportunity to register for these same notifications via the Sirius Minerals website.

Email / text message notifications will then be sent out to registered parties 30 minutes before each individual blast. Exceptionally, and in circumstances where email / text notification is not practicable, other means of communication of individual blasts will be given where possible.

The approach to communication and notification of blasting arrangements will be kept under review and revised as necessary in discussion with NYMNPA in light of experience of implementation.