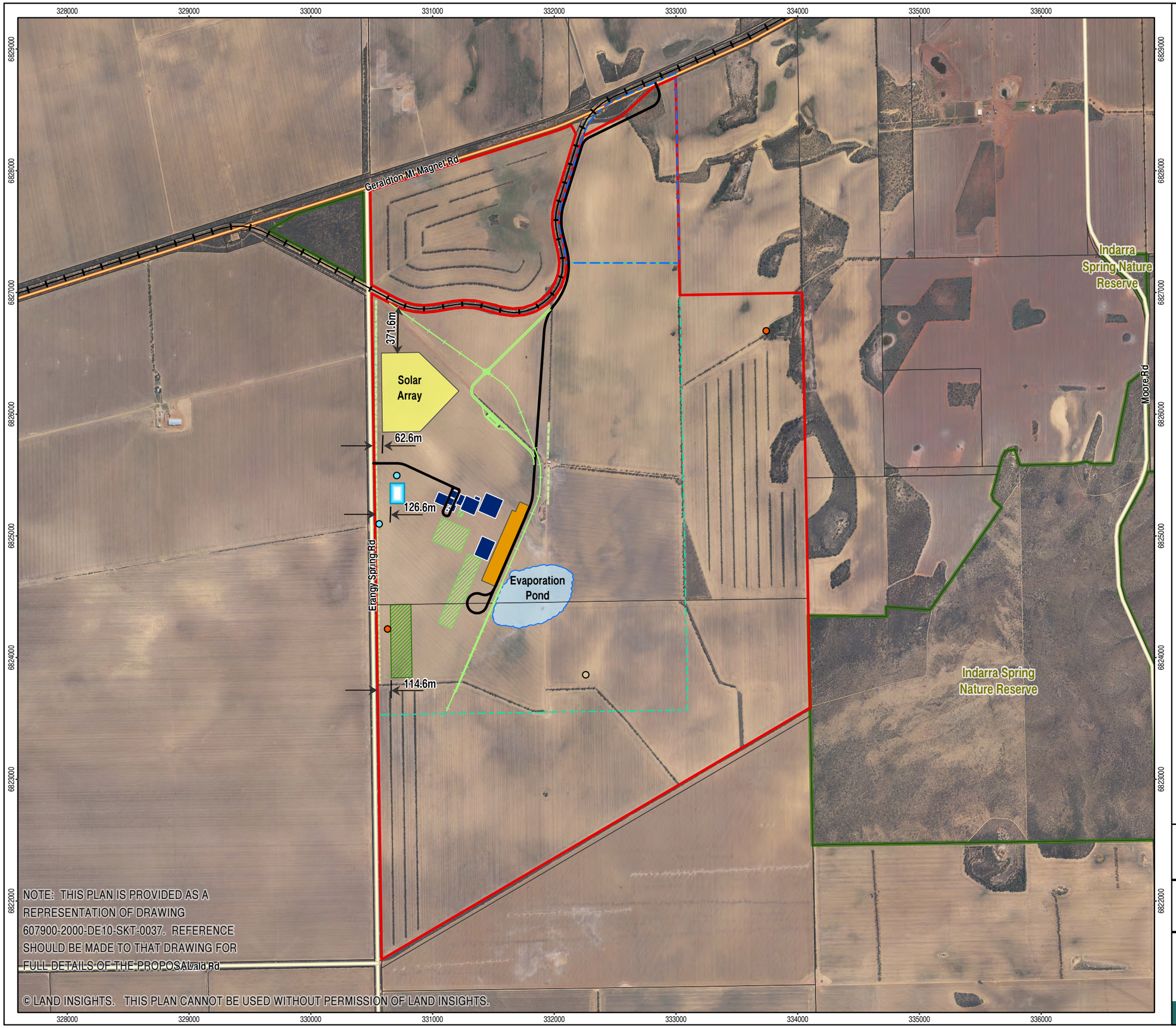
DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2024
FILE SDAU-053-21

appendix b

Site Plans & Elevations



NOTE: THIS PLAN IS PROVIDED AS A REPRESENTATION OF DRAWING 607900-2000-DE10-SKT-0037. REFERENCE SHOULD BE MADE TO THAT DRAWING FOR FULL DETAILS OF THE PROPOSAL

© LAND INSIGHTS. THIS PLAN CANNOT BE USED WITHOUT PERMISSION OF LAND INSIGHTS.

- Communication Tower
- Monitoring Bore
- Production Bore
- State Road
- Local Road
- Processing Plant Roads
- Rail Line
- Site Location
- Cadastre
- DBCA - Legislated Lands and Waters (DBCA-011)
- Construction Camp
- Evaporation Pond
- Haul Road Development Envelope
- Leach Pad
- Processing Plant
- Processing Plant Development Envelope
- Solar Array
- Stormwater Pond
- Treeline

Possible Future Development

- Future Road and Rail
- Future Processing Area

DEPARTMENT OF PLANNING, LANDS AND HERITAGE	
DATE 13-Feb-2024	FILE SDAU-053-21

0 500 1,000 1,500

Metres

1:30,000 @ A3

NOTE: AREAS AND DISTANCES SUBJECT TO SURVEY

Project: 1089
Projection: GDA2020 MGA Zone 50
Date Exported: 5/12/2023 4:10 PM
Layout Name: AVL 1089-002-01-03 Processing Plant Site

landinsights
PLANNING DESIGN ENVIRONMENT
PO Box 289 Mt Lawley WA 6929
Ph: 9271 8506
admin@landinsights.com.au
landinsights.com.au

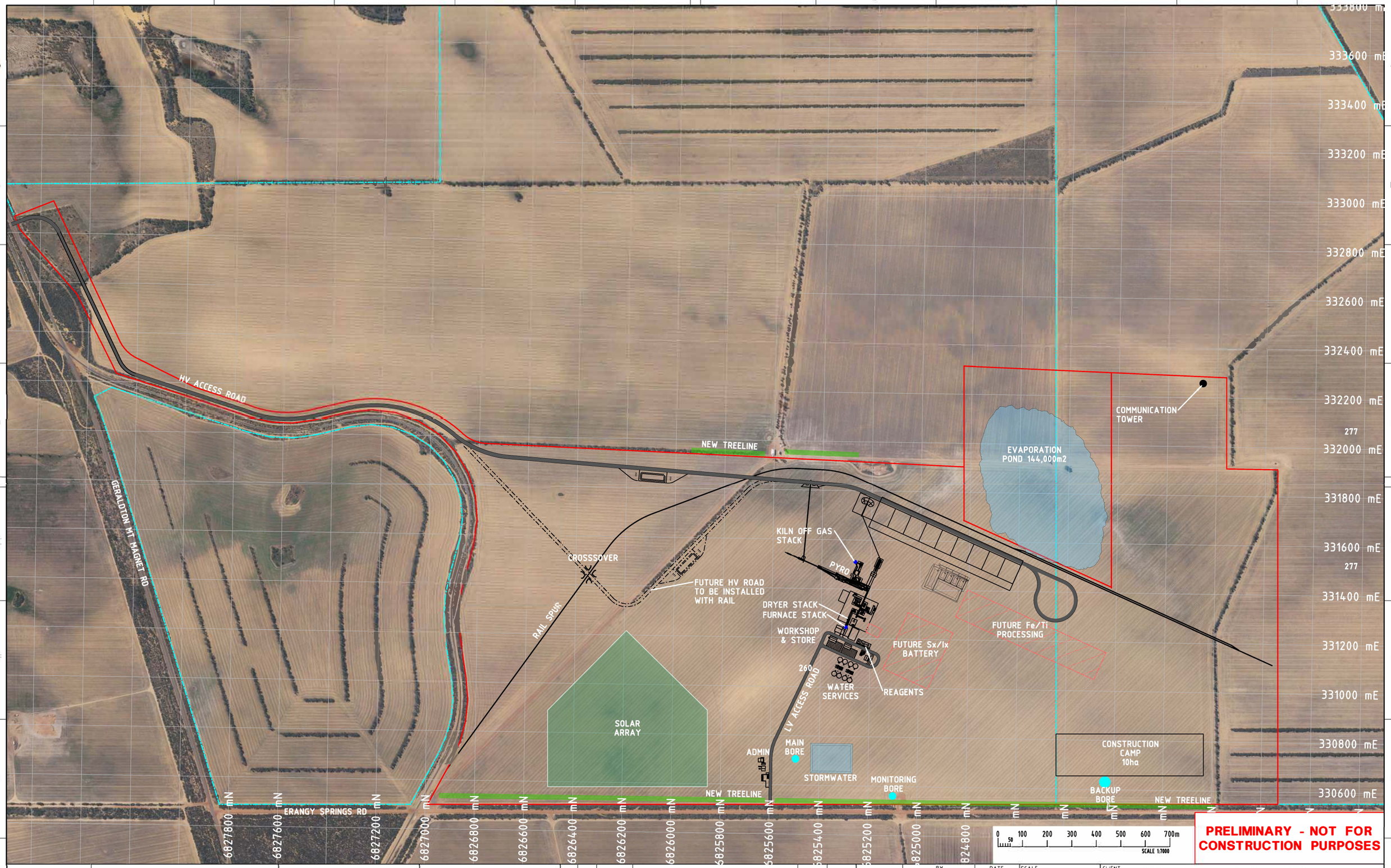
Processing Plant Preliminary Site Plan

VANADIUM PROCESSING FACILITY

Lots 40 & 41 Geraldton-Mt Magnet Road, Tenindewa

AUSTRALIAN VANADIUM LTD

Path: C:\Users\ShirleyMcIntyre\OneDrive - Land Insights\Drafting Jobs\1089 AVL\1089 AVL\1089 AVL.aprx



PRELIMINARY - NOT FOR CONSTRUCTION PURPOSES

DEPARTMENT OF PLANNING, LANDS AND HERITAGE

DATE	FILE
13-Feb-2024	SDAU-053-21

wood.

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CLIENT: Australian VANADIUM LIMITED

No.	BY	DATE	REVISION	CHECKED	APPROV.
A	SD	17.0 2022	IN PROGRESS		

	BY	DATE
PROJECT APPR.		
DESIGN APPR.		
DESIGNED		
CHECKED		
DRAWN	S.DENNISON	14.08.2023

SCALE

PROJECT No. | DRG SIZE A1

CLIENT AUSTRALIAN VANADIUM LIMITED

TITLE AUSTRALIAN VANADIUM PROJECT
VANADIUM PROCESSING PLANT
PRELIMINARY SITEPLAN

DRAWING No. 607920-2000-DE10-SKT-0037

REV No. A

ISSUE #:

DRAWING No. | REFERENCE DRAWINGS

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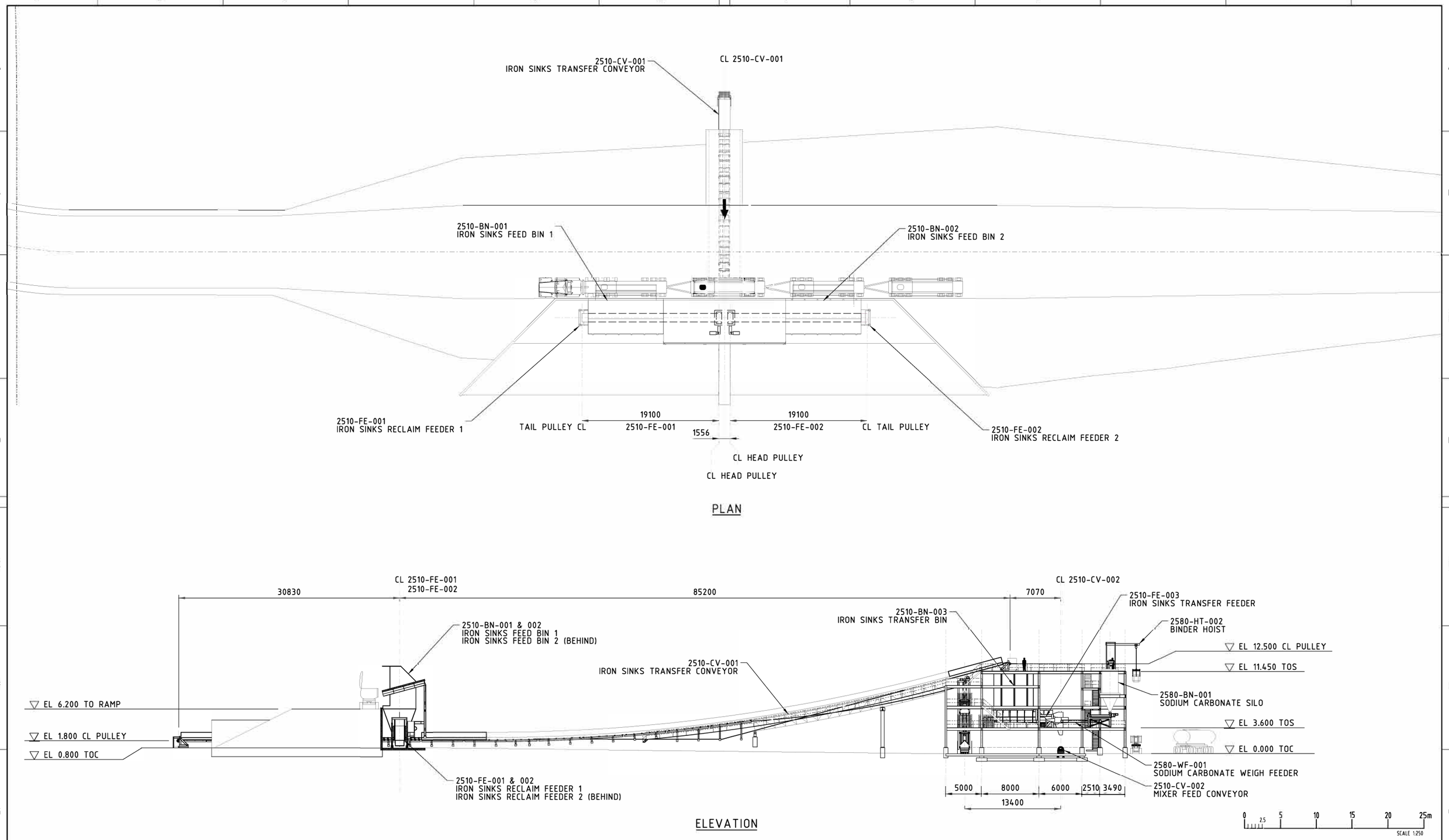

PRELIMINARY - NOT FOR CONSTRUCTION PURPOSES

DEPARTMENT OF PLANNING, LANDS AND HERITAGE

DATE	FILE
13-Feb-2024	SDAU-053-21

DRAWING No.	REFERENCE DRAWINGS
607920-2500-DE10-GAD-0013	PROCESSING PLANT PLAN

wood.

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CLIENT: Australian VANADIUM LIMITED

No.	BY	DATE	REVISION	CHECKED	APPROV.
B	ABS	01.07.2022	ISSUED FOR STUDY	SD	BM
A	VP	20.12.2021	ISSUED FOR INTERNAL REVIEW		

	BY	DATE
PROJECT APPR.	B.MCNAB	
DESIGN APPR.	B.MCNAB	
DESIGNED	D.CORBOY	
CHECKED	S.DENNISON	
DRAWN	A.SHEPHERD	

SCALE 1:250

MGA94z50

PROJECT No. 607920 | DRG SIZE A1

CLIENT AUSTRALIAN VANADIUM LIMITED

TITLE AUSTRALIAN VANADIUM PROJECT DFS
VANADIUM PROCESSING PLANT
IRON SINKS UNLOADING
GENERAL ARRANGEMENT

DRAWING No. 607920-2500-DE10-GAD-0016

REV No. B

ISSUE #.

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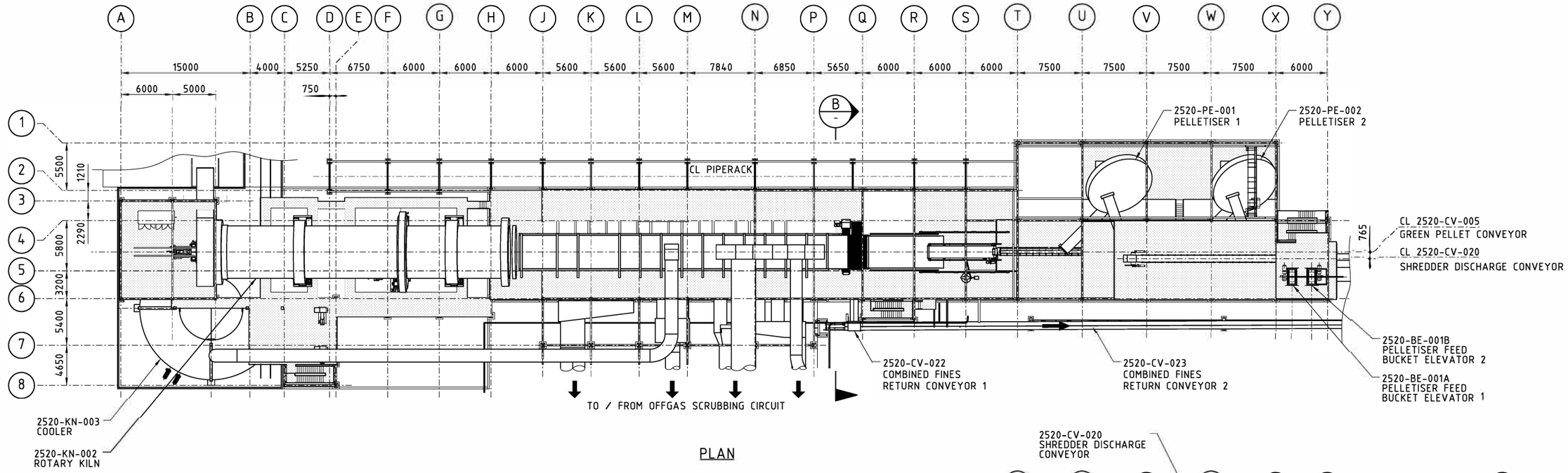
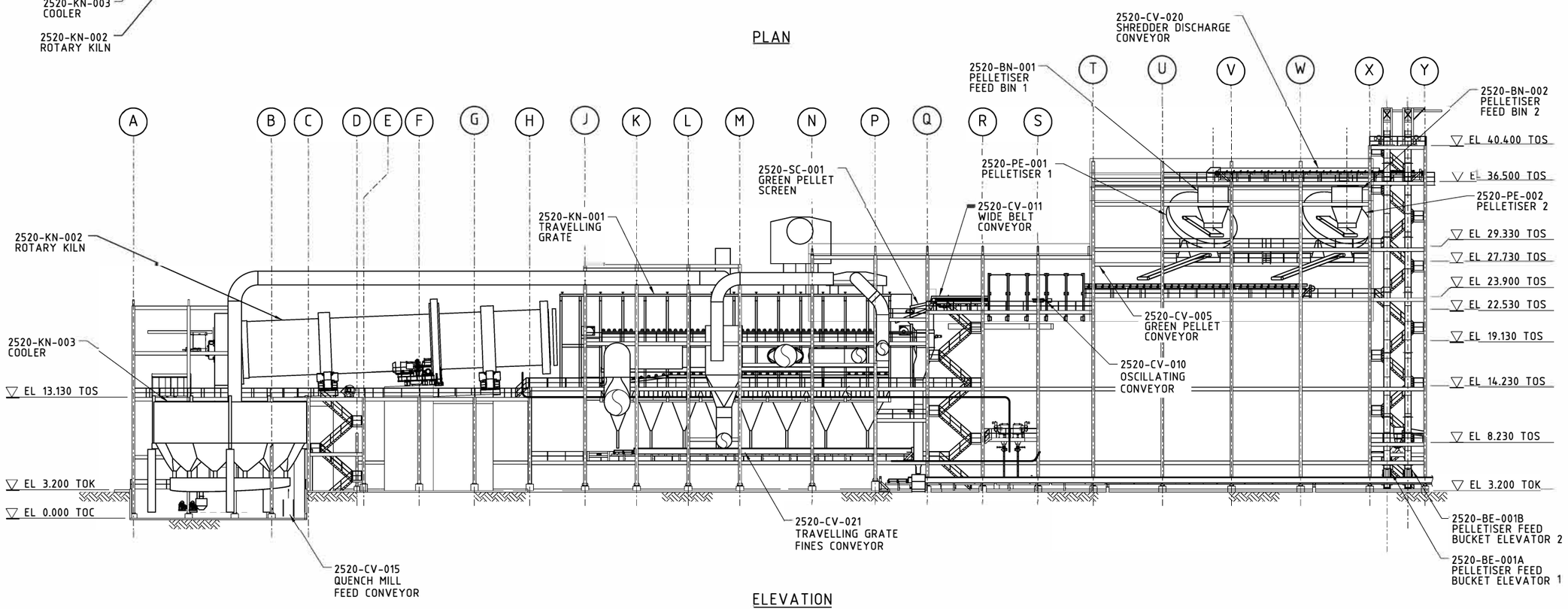


PLAN



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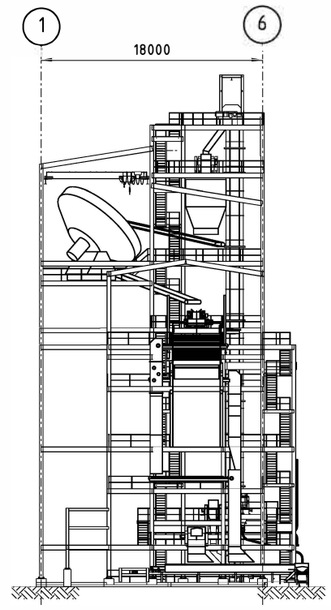

SECTION B

0 2.5 5 10 15 20 25m
SCALE 1:250

PRELIMINARY - NOT FOR CONSTRUCTION PURPOSES

DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2024 FILE SDAU-053-21

607920-2500-DE10-GAD-0003 | CONCENTRATOR PLAN
DRAWING No. | REFERENCE DRAWINGS

wood.

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CLIENT: Australian VANADIUM LIMITED

No.	BY	DATE	REVISION	CHECKED	APPROV
B	ABS	01.07.2022	ISSUED FOR STUDY	SD	BM
A	VP	17.12.2021	ISSUED FOR INTERNAL REVIEW		

	BY	DATE
PROJECT APPR.	B.MCNAB	
DESIGN APPR.	B.MCNAB	
DESIGNED	D.CORBOY	
CHECKED	S.DENNISON	
DRAWN	A.SHEPHERD	

SCALE 1:250
MGA94z50
PROJECT No. 607920 | DRG SIZE A1

CLIENT AUSTRALIAN VANADIUM LIMITED

TITLE AUSTRALIAN VANADIUM PROJECT DFS
VANADIUM PROCESSING PLANT
PELLETISING AND ROASTING
GENERAL ARRANGEMENT

DRAWING No. 607920-2500-DE10-GAD-0017 | REV No. B | ISSUE #:

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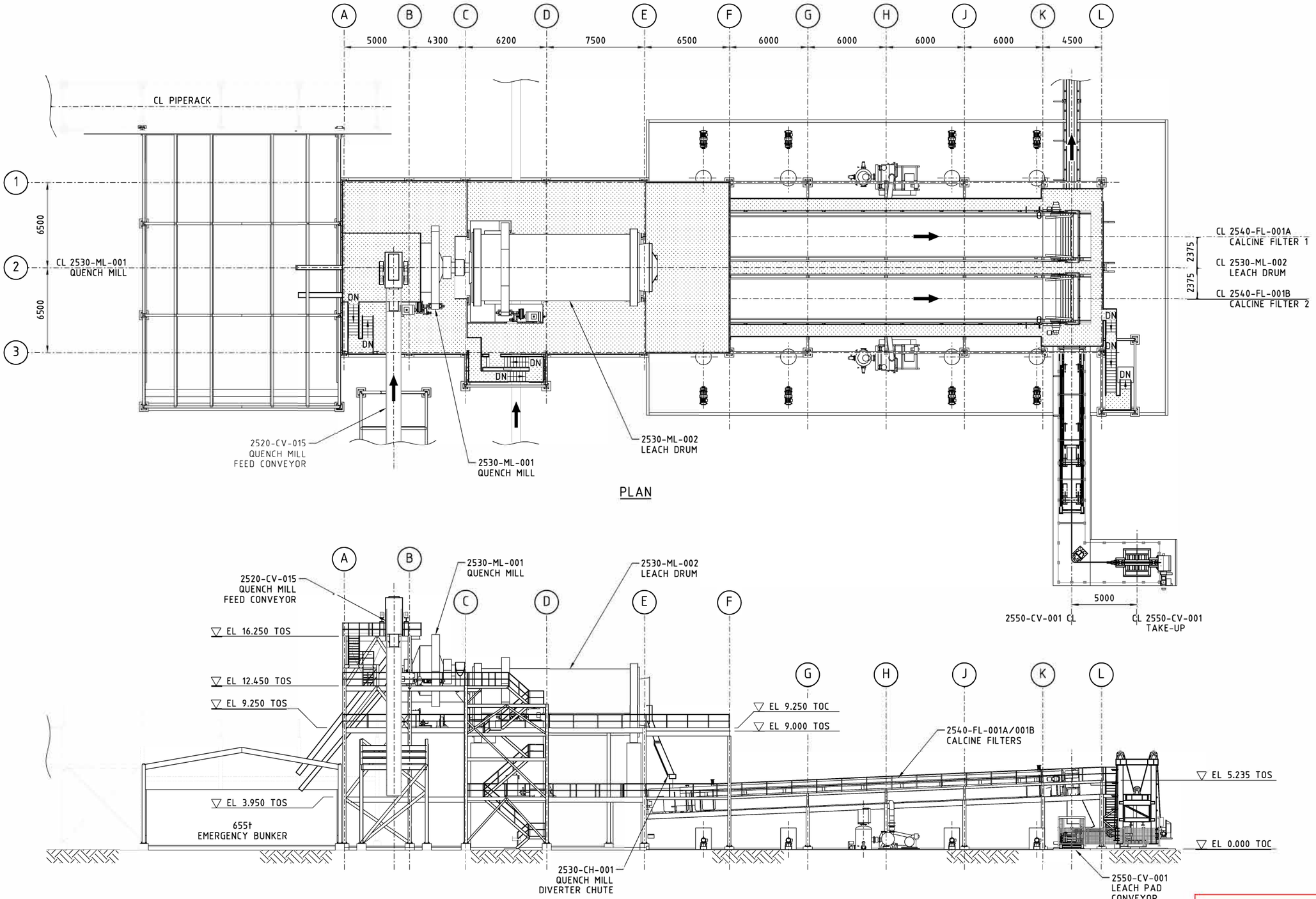

PRELIMINARY - NOT FOR CONSTRUCTION PURPOSES

DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2024 FILE SDAU-053-21

DRAWING No.	REFERENCE DRAWINGS
607920-2500-DE10-GAD-0013	PROCESSING PLANT PLAN

wood.

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CLIENT: Australian VANADIUM LIMITED

No.	BY	DATE	REVISION	CHECKED	APPROV.
B	ABS	01.07.2022	ISSUED FOR STUDY	SD	BM
A	VP	17.12.2021	ISSUED FOR INTERNAL REVIEW		

	BY	DATE
PROJECT APPR.	B.MCNAB	
DESIGN APPR.	B.MCNAB	
DESIGNED	D.CORBOY	
CHECKED	S.DENNISON	
DRAWN	A.SHEPHERD	

SCALE 1:150
MGA94z50
PROJECT No. 607920
DRG SIZE A1

CLIENT AUSTRALIAN VANADIUM LIMITED

TITLE AUSTRALIAN VANADIUM PROJECT DFS
VANADIUM PROCESSING PLANT
MECHANICAL LEACHING AND FILTRATION
GENERAL ARRANGEMENT

DRAWING No. 607920-2500-DE10-GAD-0018
REV No. B
ISSUE #.

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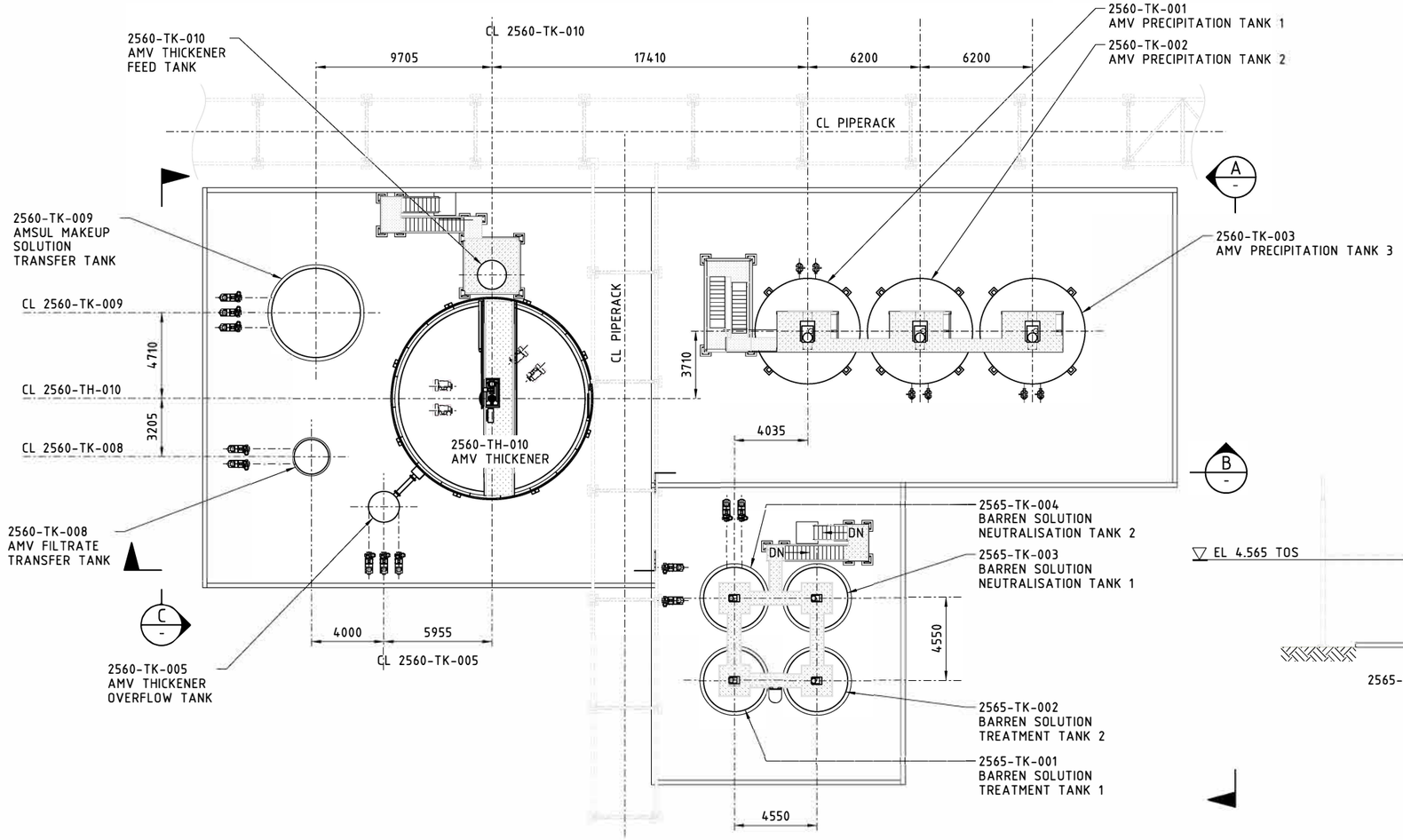
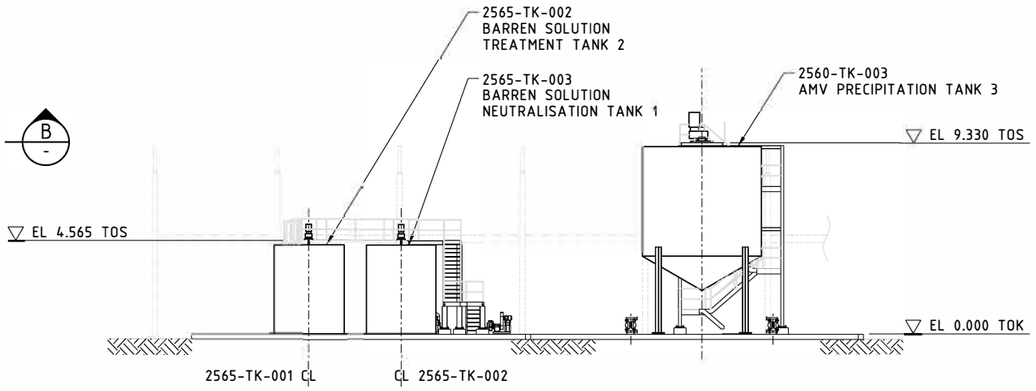
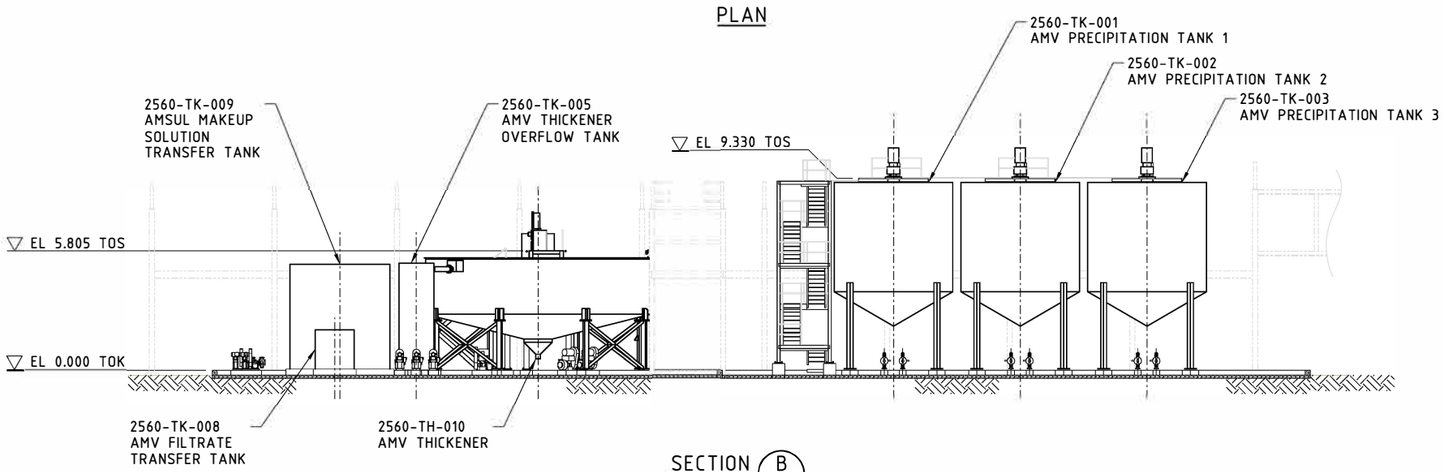


PLAN



SECTION A



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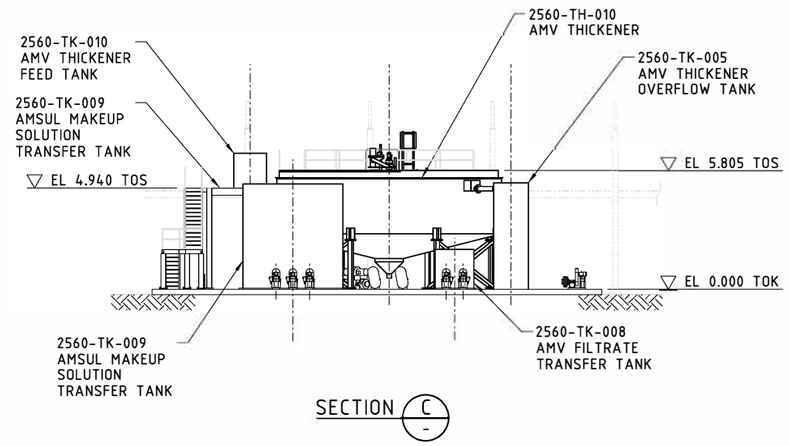

SECTION C

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SCALE 1:150

PRELIMINARY - NOT FOR CONSTRUCTION PURPOSES

DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2024 FILE SDAU-053-21

607920-2500-DE10-GAD-0013 | PROCESSING PLANT PLAN
DRAWING No. | REFERENCE DRAWINGS

wood.

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CLIENT: Australian VANADIUM LIMITED

No.	BY	DATE	REVISION	CHECKED	APPROV.
B	ABS	01.07.2022	ISSUED FOR STUDY	SD	BM
A	VP	17.12.2021	ISSUED FOR INTERNAL REVIEW		

	BY	DATE
PROJECT APPR.	B.MCNAB	
DESIGN APPR.	B.MCNAB	
DESIGNED	D.CORBOY	
CHECKED	S.DENNISON	
DRAWN	A.SHEPHERD	

SCALE 1:150
MGA94z50
PROJECT No. 607920 | DRG SIZE A1

CLIENT AUSTRALIAN VANADIUM LIMITED

TITLE AUSTRALIAN VANADIUM PROJECT DFS
VANADIUM PROCESSING PLANT
DESILICATION, PRECIPITATION & THICKENING
GENERAL ARRANGEMENT

DRAWING No. 607920-2500-DE10-GAD-0019 | REV No. B | ISSUE #:

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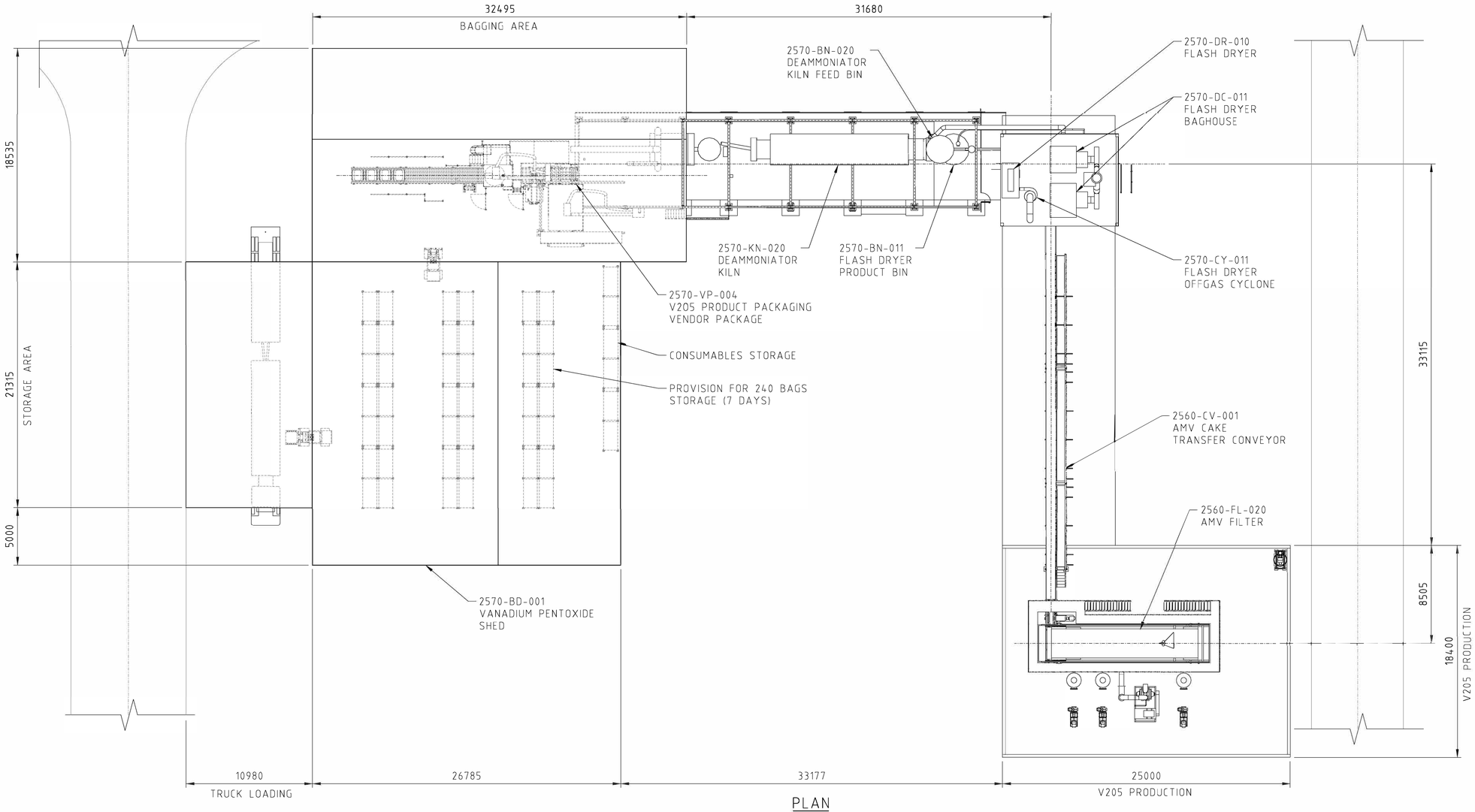

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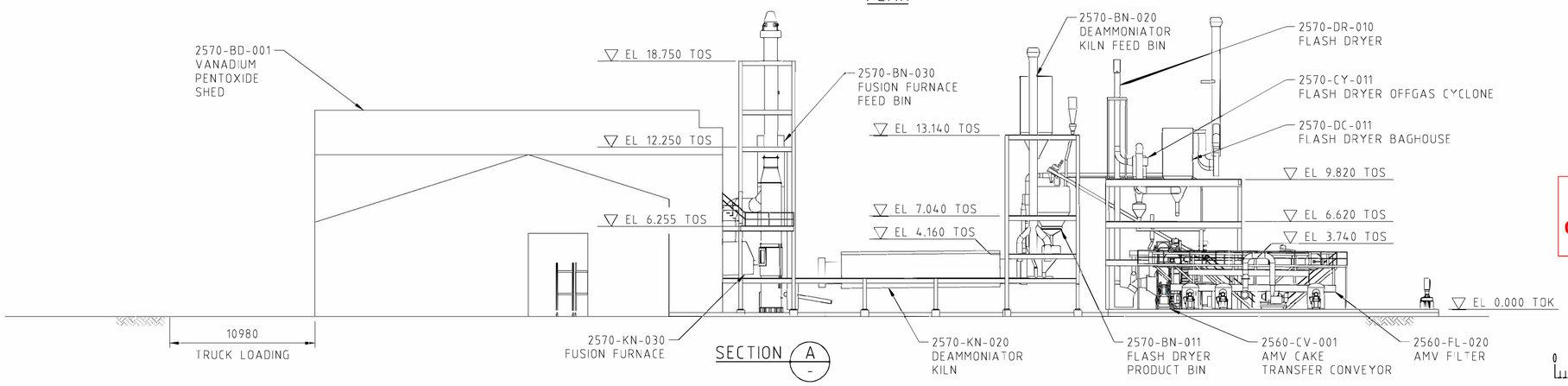

SECTION A

PRELIMINARY - NOT FOR CONSTRUCTION PURPOSES

0 1.5 3 6 9.5 12 15m
SCALE 1:150

DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2024 FILE SDAU-053-21

DRAWING No.	REFERENCE DRAWINGS
607920-2500-DE10-GAD-0013	PROCESSING PLANT PLAN

wood.

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CLIENT: Australian VANADIUM LIMITED

No.	BY	DATE	REVISION	CHECKED	APPROV.
C	ABS	01.07.2022	REISSUED FOR STUDY	SM	BM
B	SD	23.12.2021	ISSUED FOR STUDY	NH	SM
A	VP	17.12.2021	ISSUED FOR INTERNAL REVIEW		

	BY	DATE
PROJECT APPR.	B.MCNAB	
DESIGN APPR.	B.MCNAB	
DESIGNED	D.CORBOY	
CHECKED	S.DENNISON	
DRAWN	A.SHEPHERD	

SCALE 1:200
MGA94z50
PROJECT No. 607920
DRG SIZE A1

CLIENT AUSTRALIAN VANADIUM LIMITED

TITLE AUSTRALIAN VANADIUM PROJECT DFS
VANADIUM PROCESSING PLANT
V205 BAGGING AND STORAGE
GENERAL ARRANGEMENT

DRAWING No. 607920-2500-DE10-GAD-0020
REV No. C
ISSUE #:

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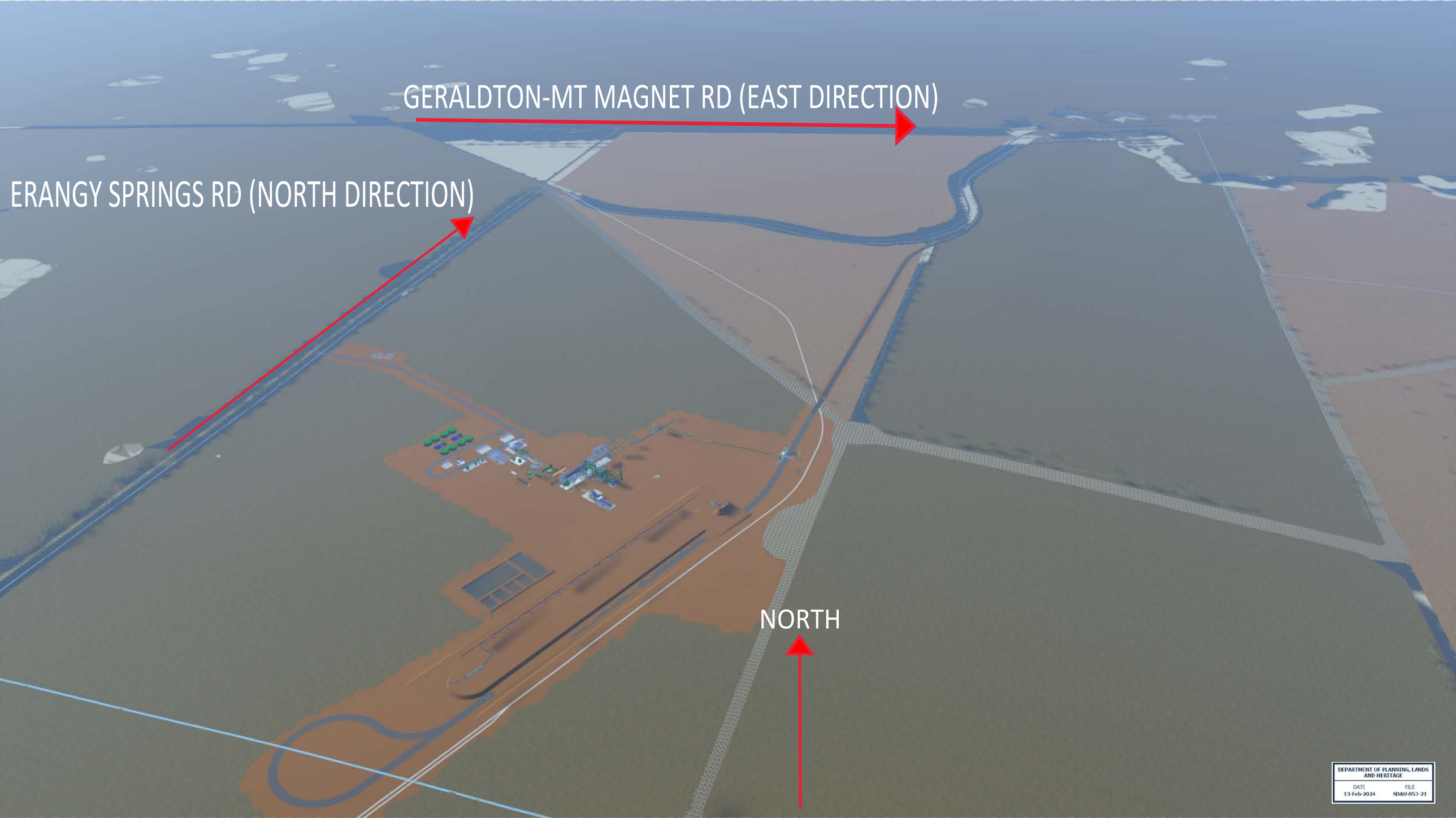
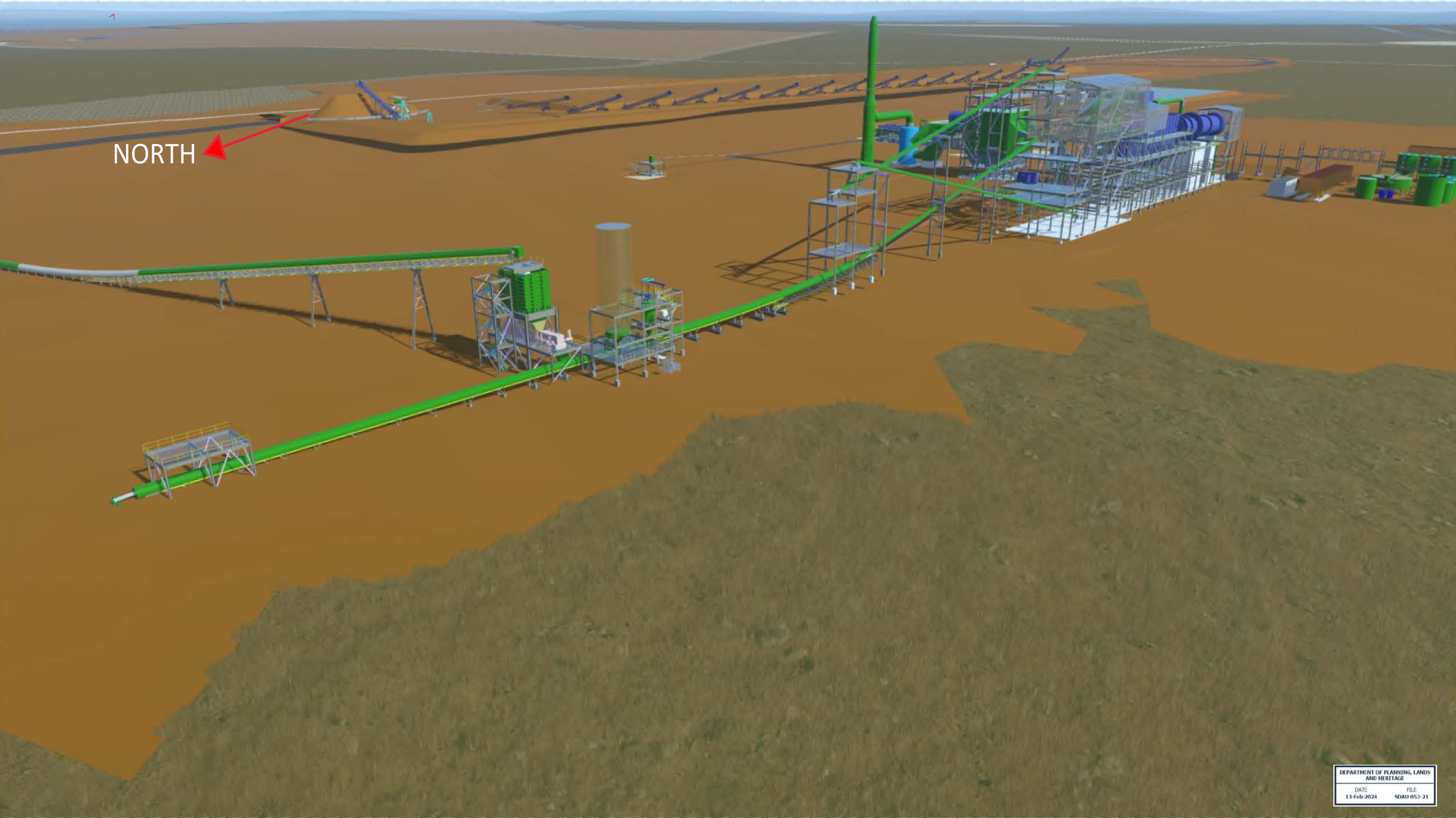
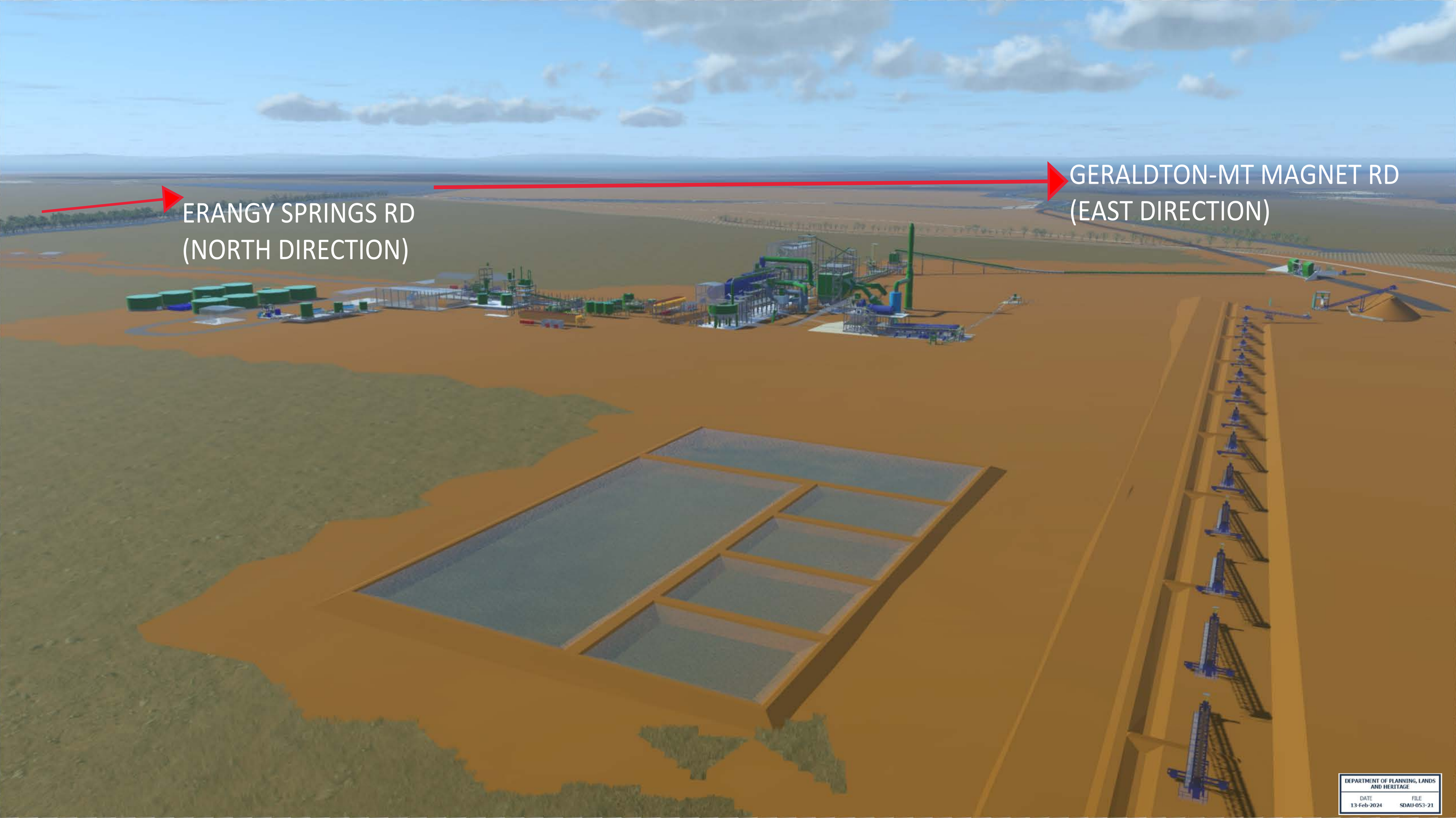
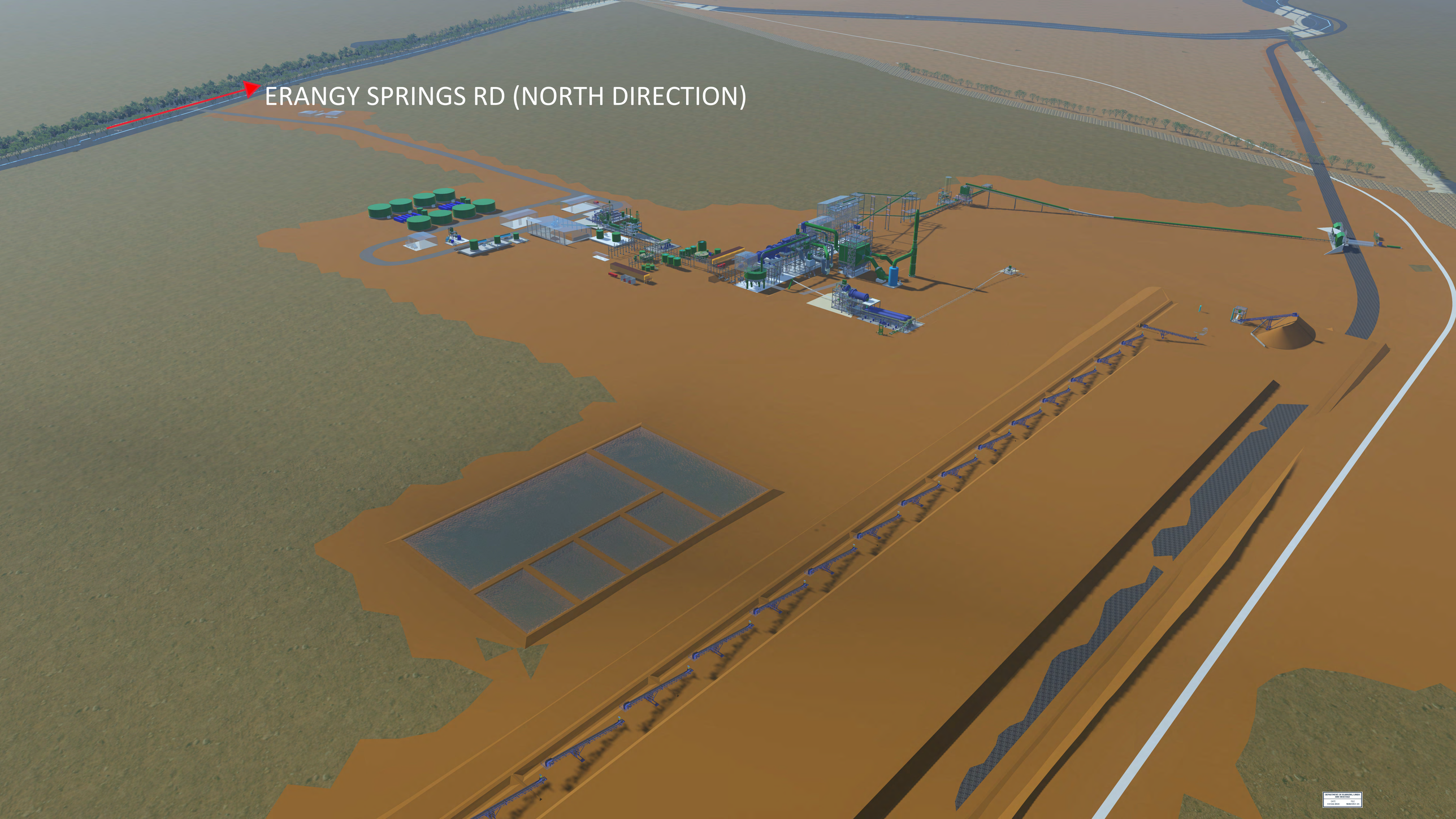

GERALDTON-MT MAGNET RD (EAST DIRECTION)
ERANGY SPRINGS RD (NORTH DIRECTION)
NORTH
DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE
13-Feb-2024
FILE
SDAU-053-21



DEPARTMENT OF PLANNING, LANDS AND HERITAGE

DATE	FILE
13-Feb-2024	SDAU-053-21


ERANGY SPRINGS RD
(NORTH DIRECTION)
GERALDTON-MT MAGNET RD
(EAST DIRECTION)
DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE
13-Feb-2024
FILE
SDAU-053-21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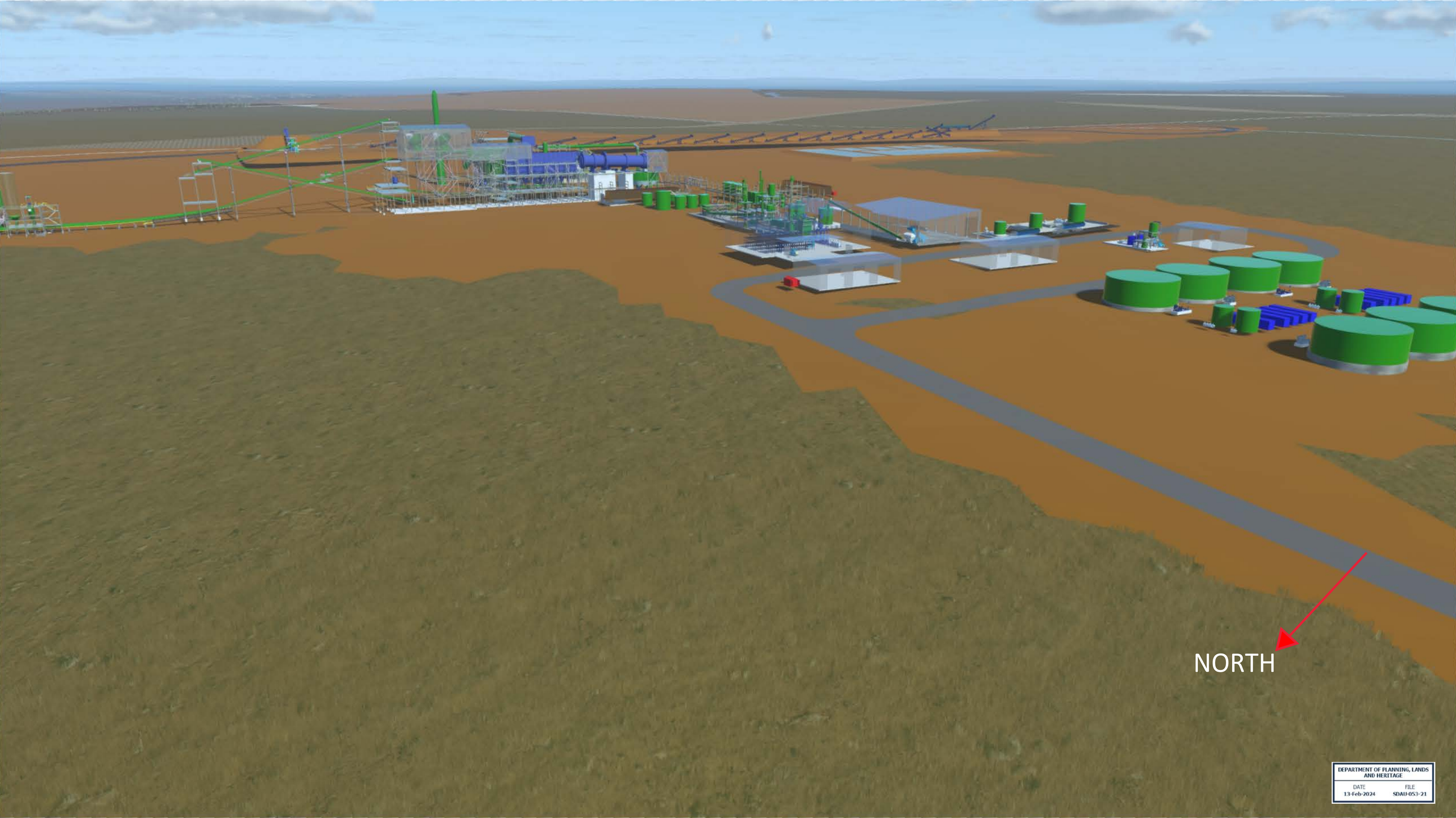
DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2020
FILE MARVEL01-01

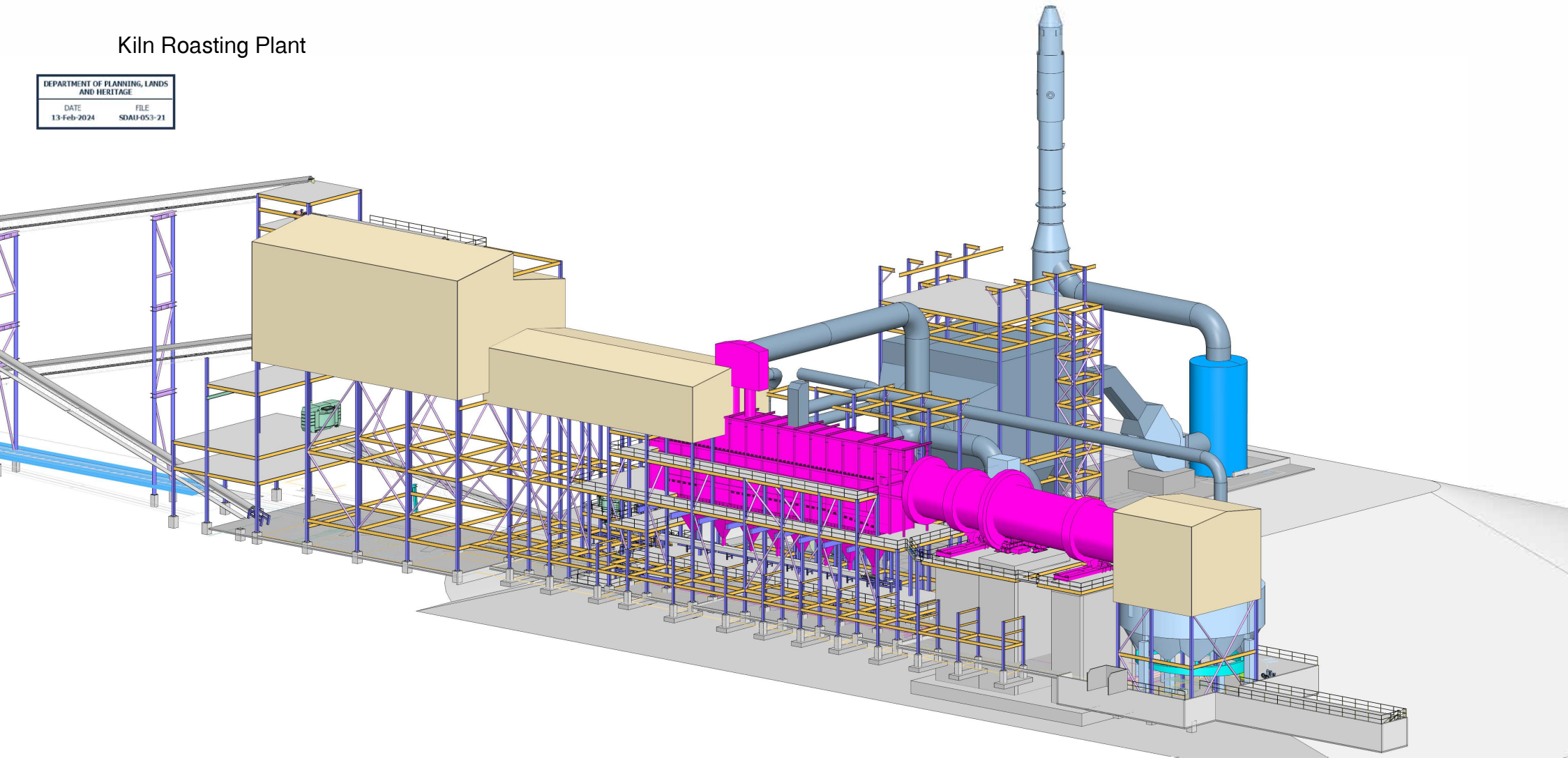


DEPARTMENT OF PLANNING, LANDS AND HERITAGE

DATE	FILE
13-Feb-2024	SDAU-053-21

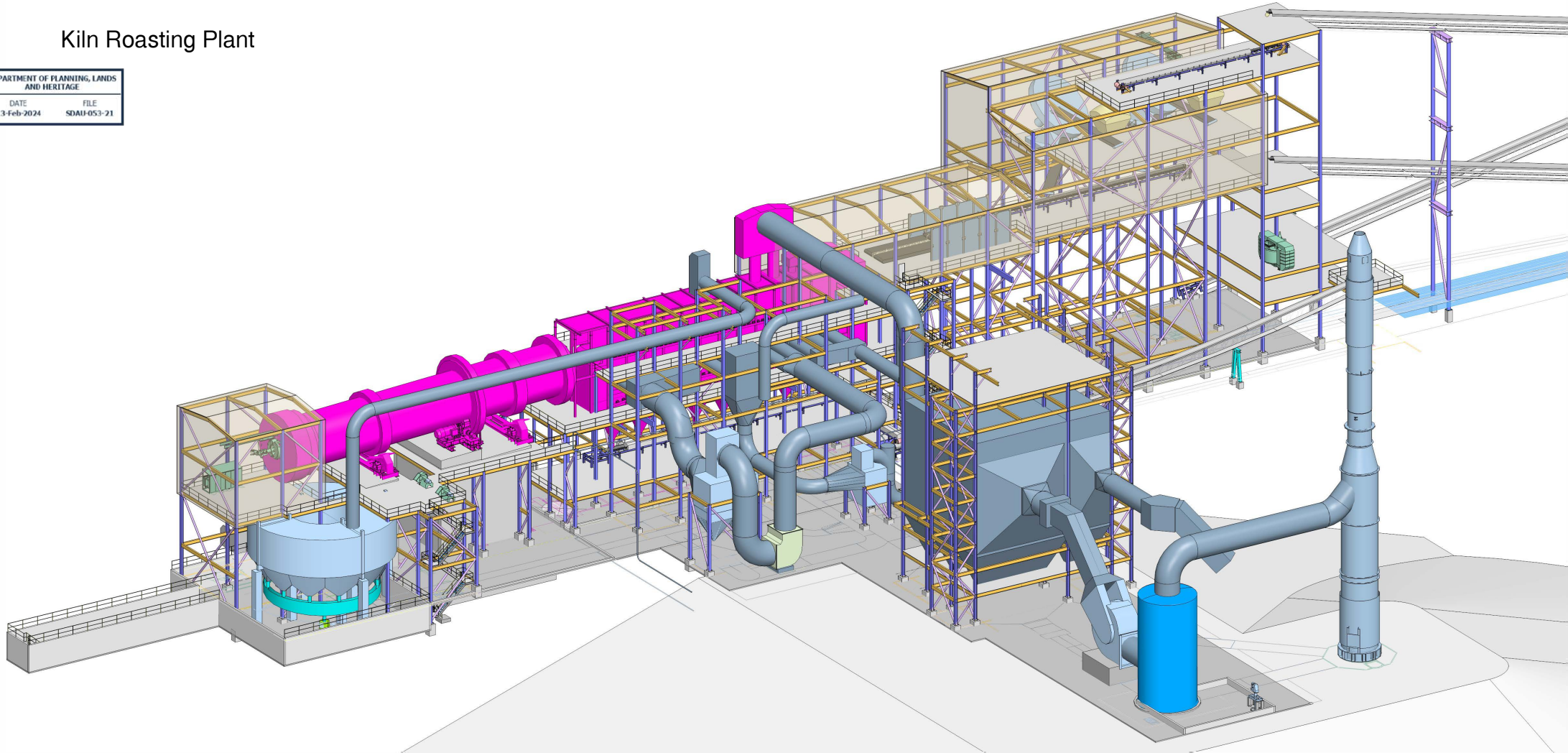
Kiln Roasting Plant

DEPARTMENT OF PLANNING, LANDS AND HERITAGE	
DATE	FILE
13-Feb-2024	SDAU-053-21



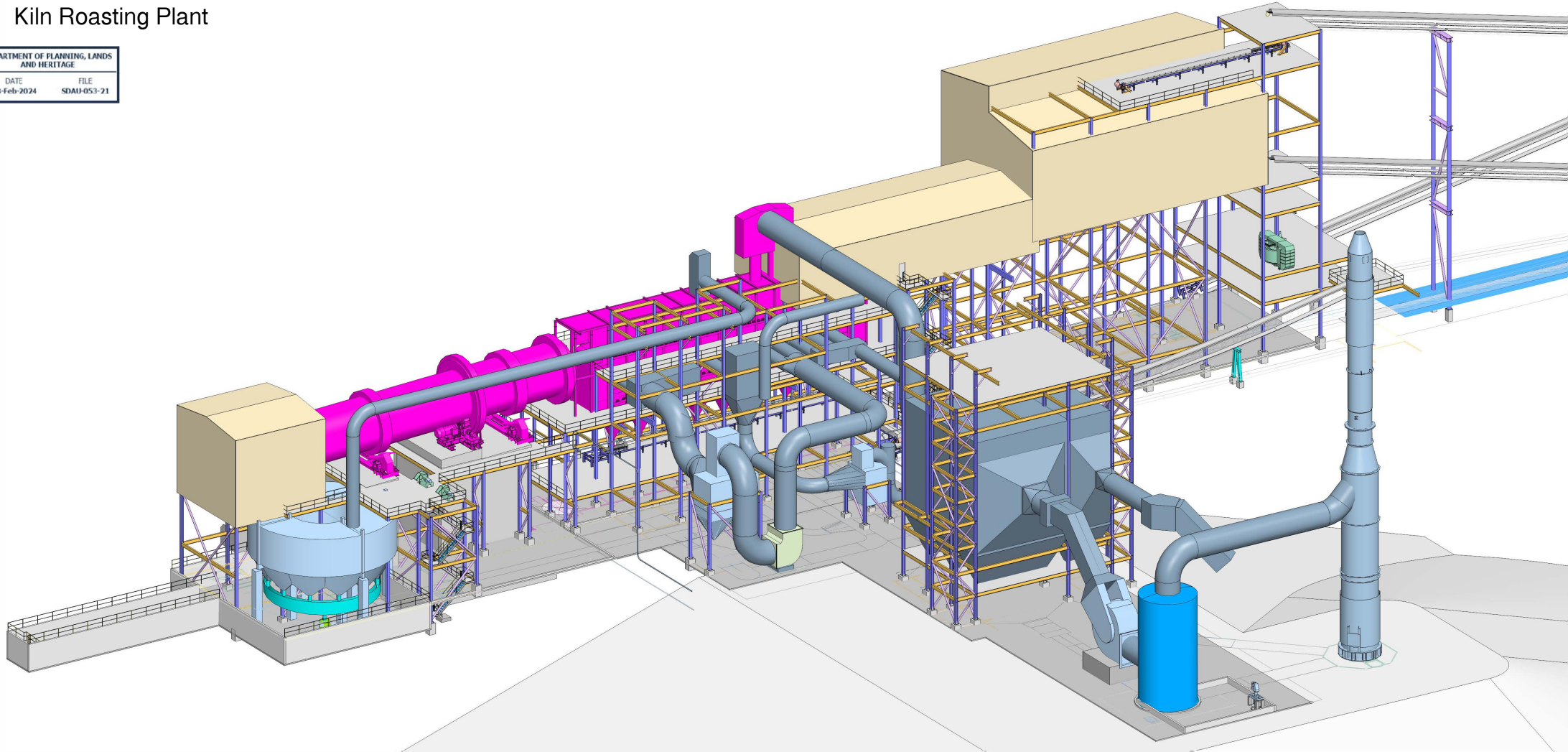
Kiln Roasting Plant

DEPARTMENT OF PLANNING, LANDS AND HERITAGE	
DATE	FILE
13-Feb-2024	SDAU-053-21



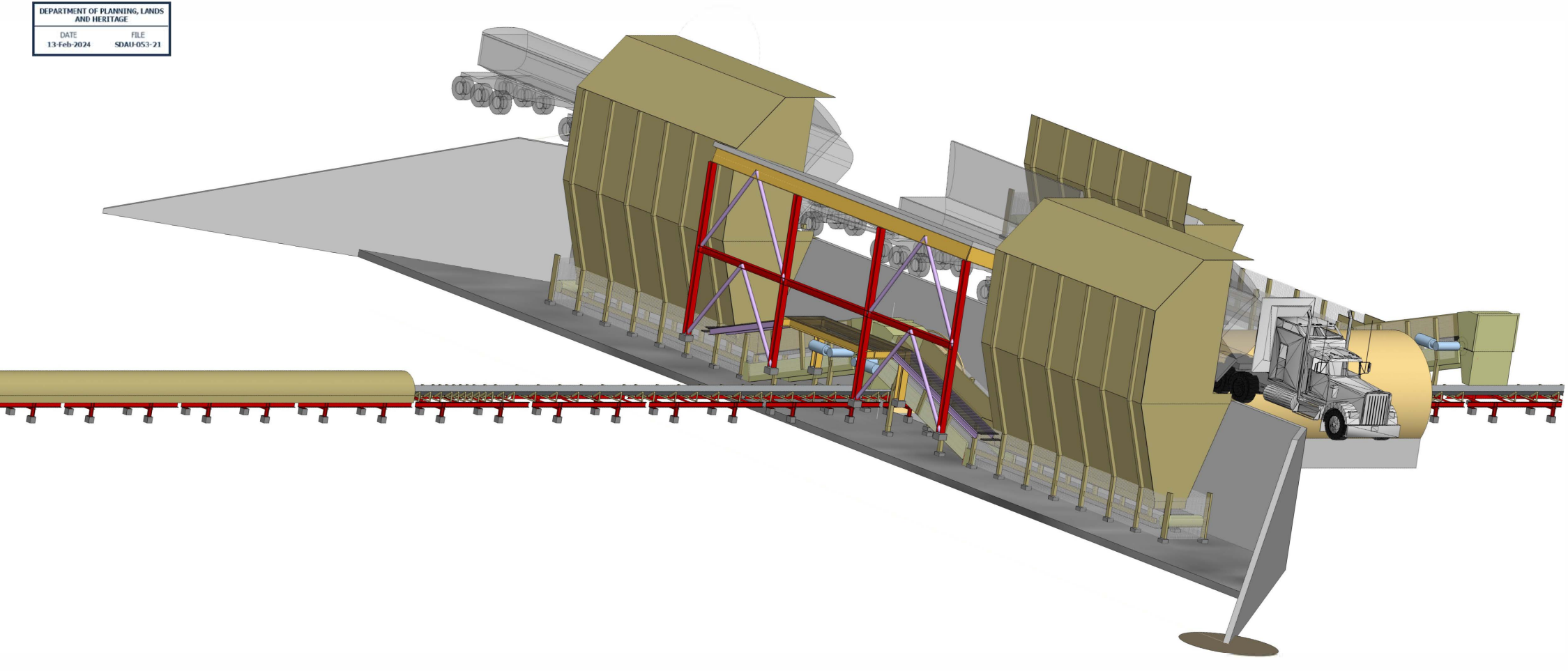
Kiln Roasting Plant

DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2024
FILE SDAU-053-21



Materials Receiving and Handling

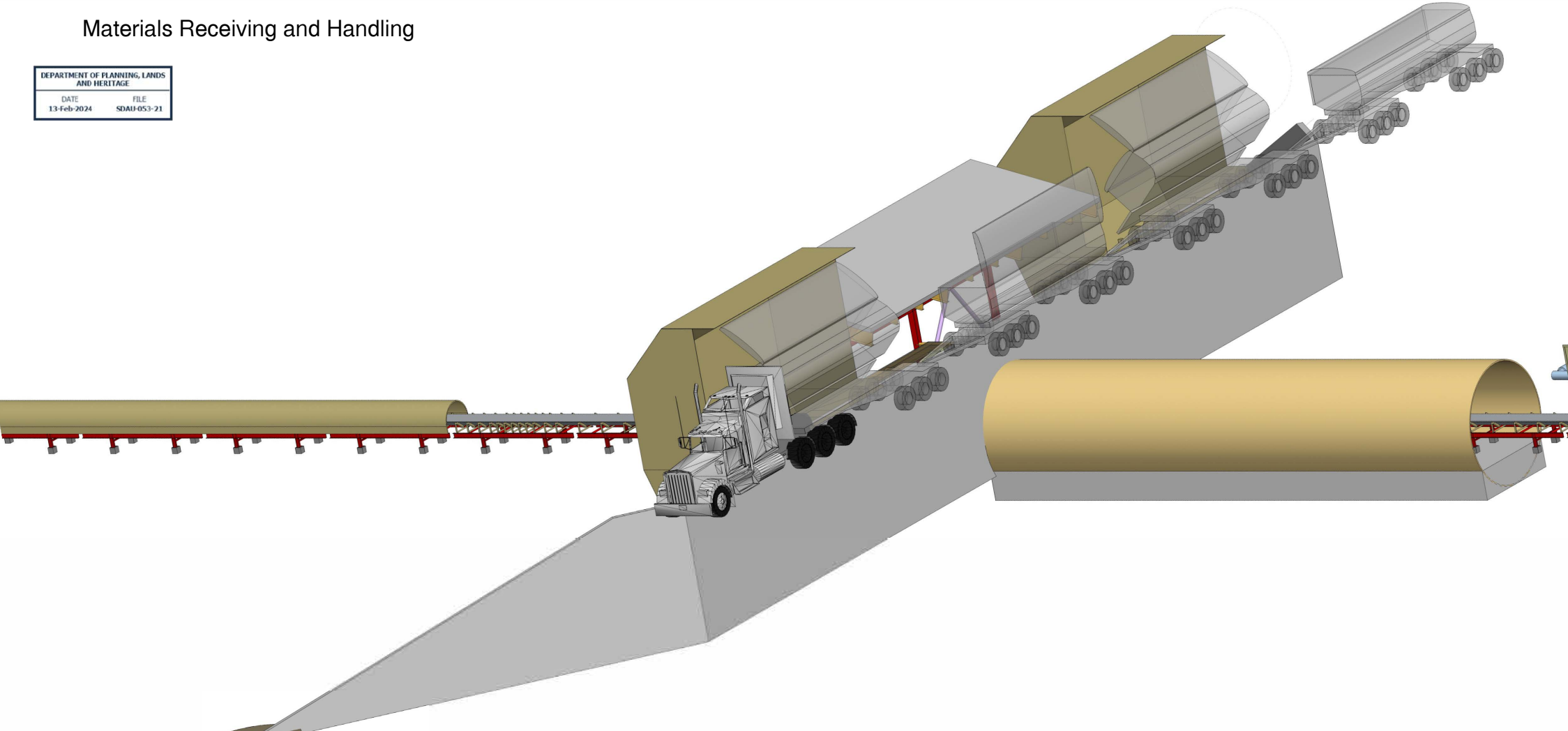
DEPARTMENT OF PLANNING, LANDS AND HERITAGE
DATE 13-Feb-2024
FILE SDAU-053-21



Materials Receiving and Handling

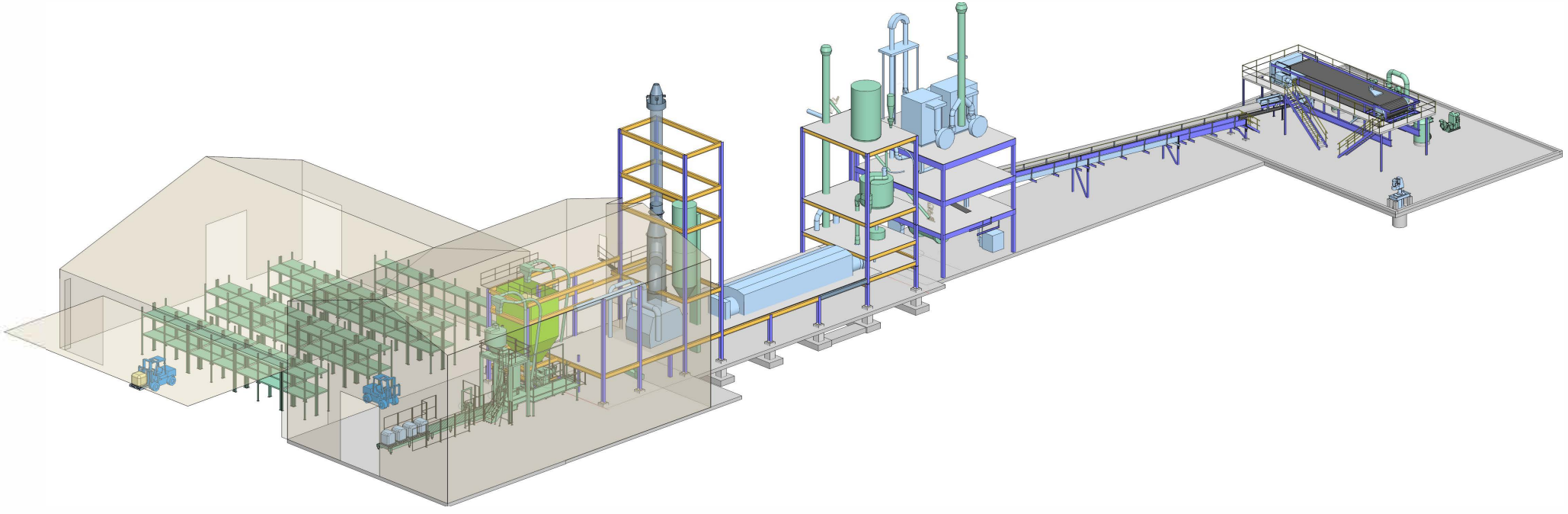
DEPARTMENT OF PLANNING, LANDS AND HERITAGE

DATE	FILE
13-Feb-2024	SDAU-053-21



Vanadium Precipitation Flake Production

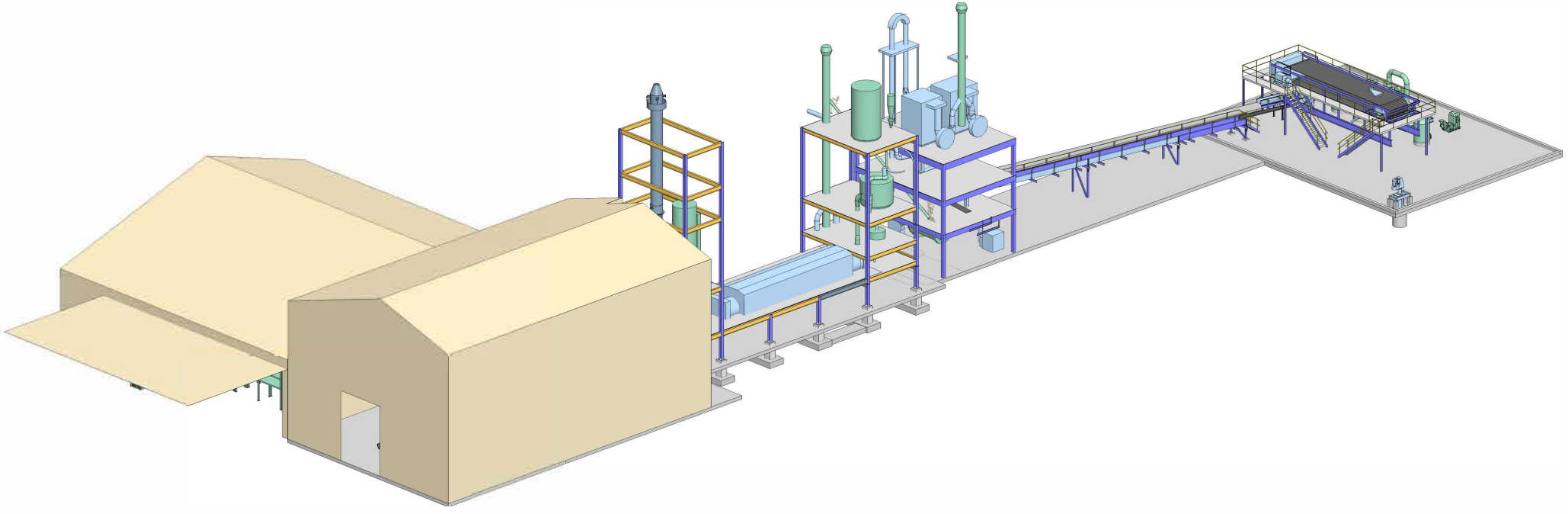
DEPARTMENT OF PLANNING, LANDS AND HERITAGE	
DATE	FILE
13-Feb-2024	SDAU-053-21



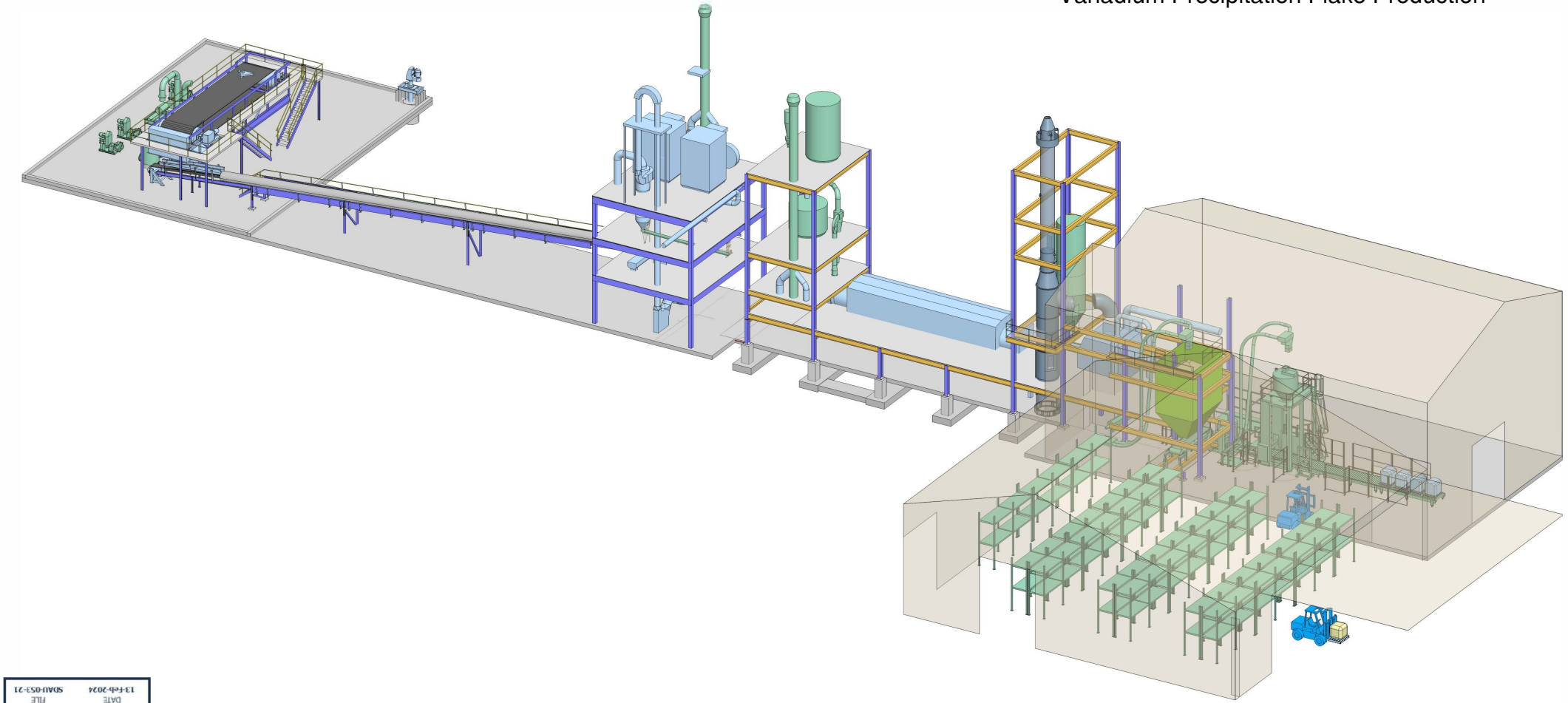
Vanadium Precipitation Flake Production

DEPARTMENT OF PLANNING, LANDS AND HERITAGE

DATE	FILE
13-Feb-2024	SDAU-053-21



Vanadium Precipitation Flake Production

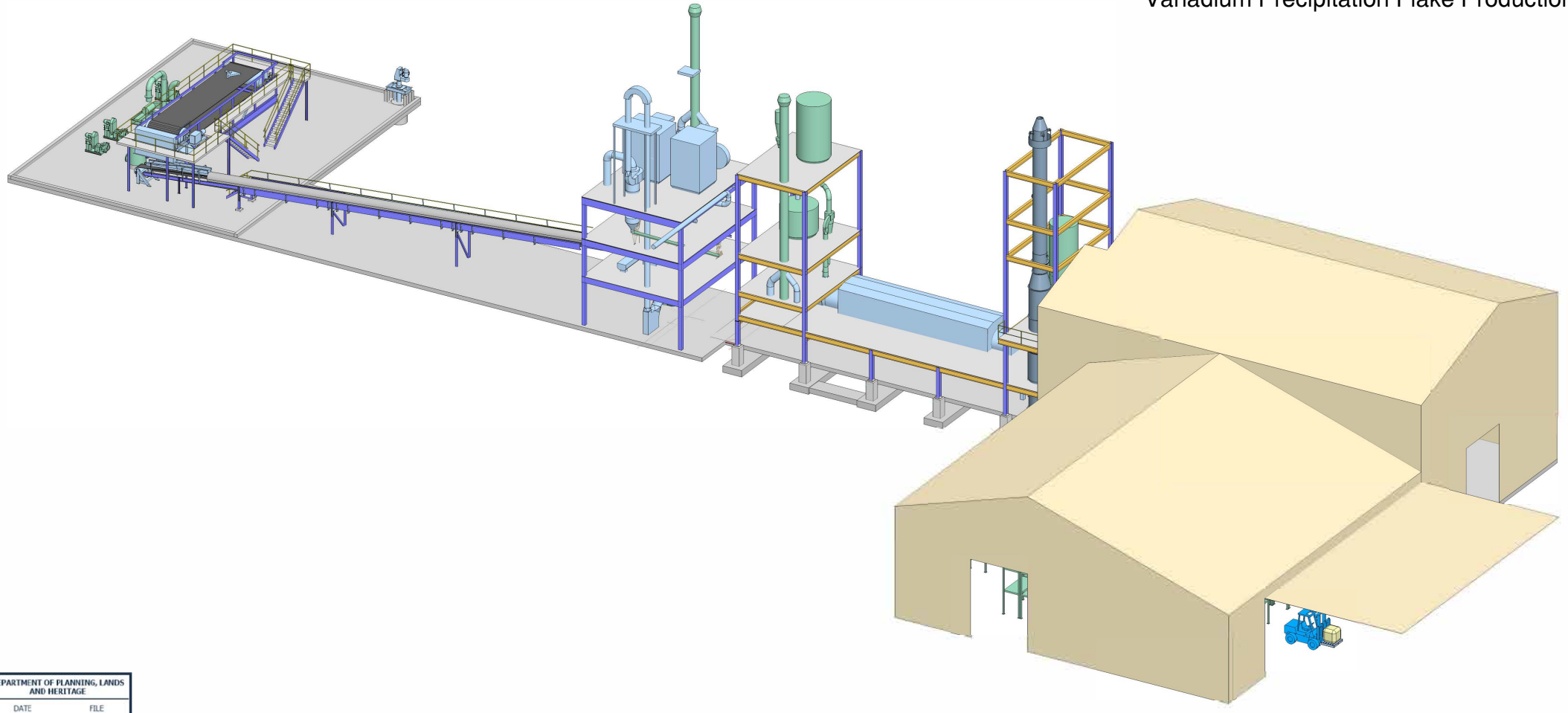


DEPARTMENT OF PLANNING, LANDS AND HERITAGE

DATE 13-Feb-2024

FILE SDAU-053-21

Vanadium Precipitation Flake Production



DEPARTMENT OF PLANNING, LANDS AND HERITAGE	
DATE	FILE
13-Feb-2024	SDAU-053-21