

REV.	DESCRIPTION	DATE	BY
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0	ISSUED FOR PRINT	11/12/23	TGM

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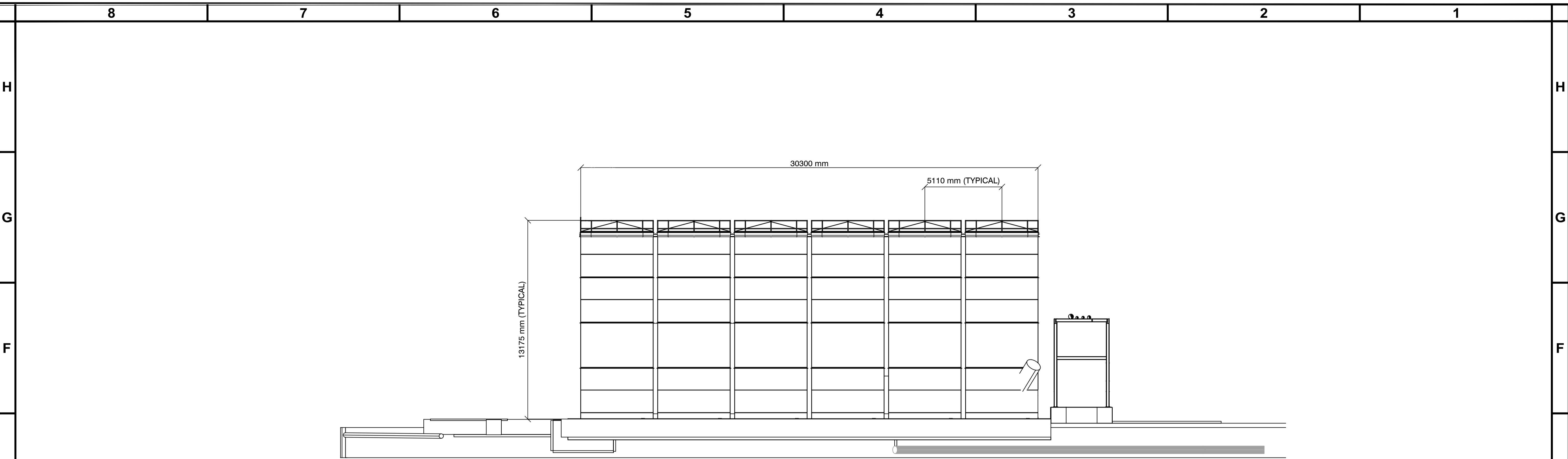
UPPER CONSULTING, INC.

MSM Milling

CANOLA PROCESSING FACILITY

**ELEVATION VIEWS
MEAT STORAGE, MAIN SWITCHROOM & CANOLA TANKS**

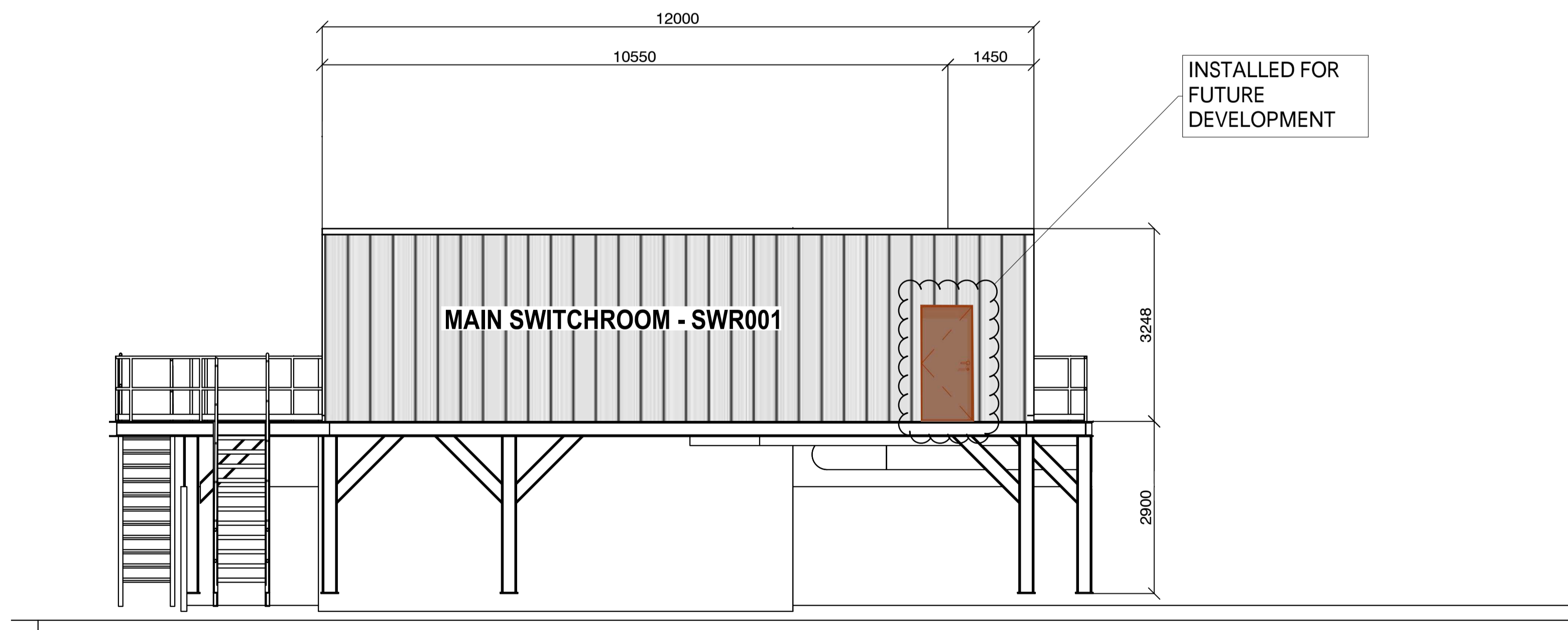
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SCALE 1:192	SHEET		8 OF 10



CANOLA TANKS

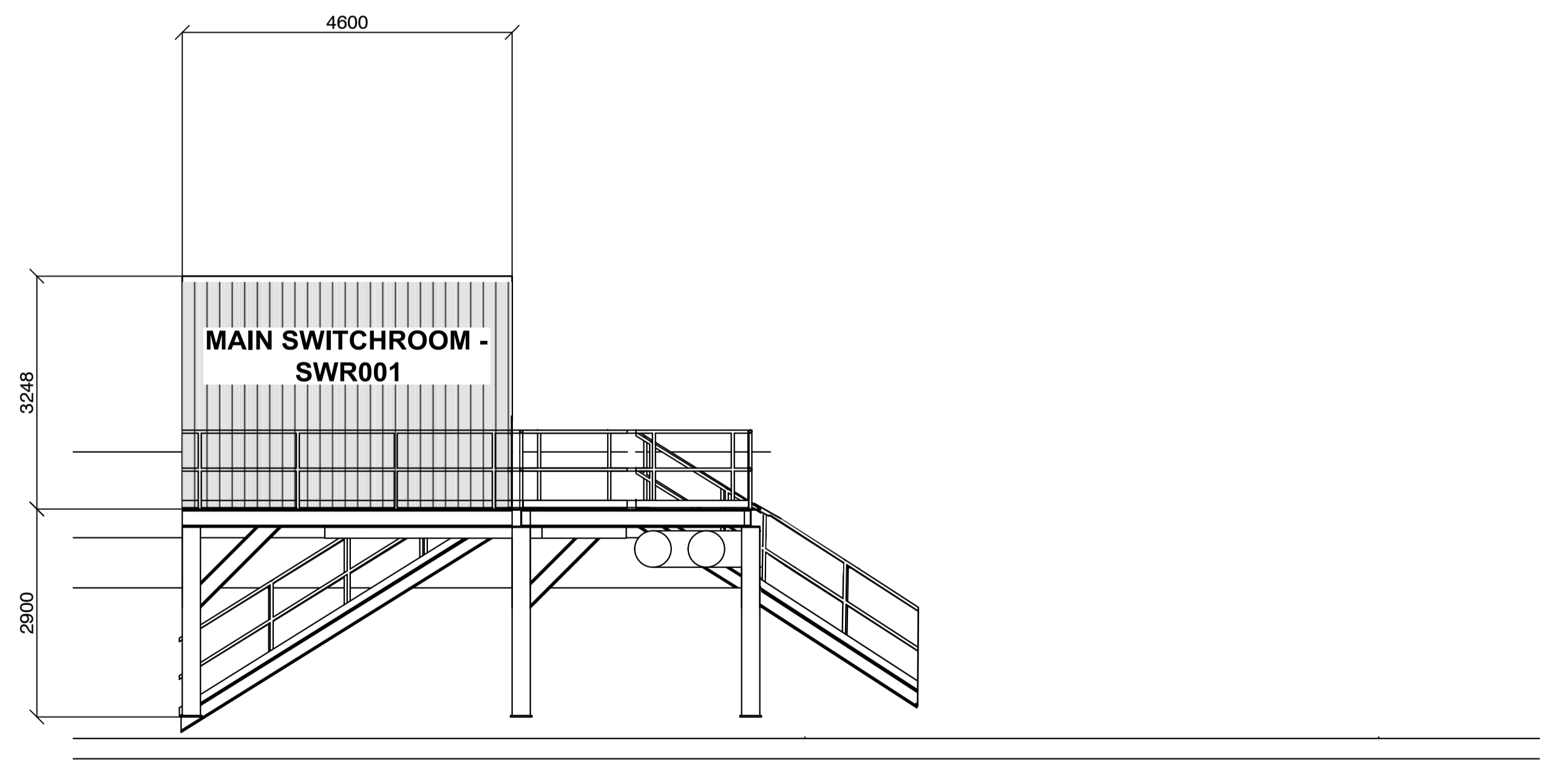
EAST ELEVATION LOOKING WEST

SCALE: 1:128



SOUTH ELEVATION LOOKING NORTH

SCALE: 1:64



EAST ELEVATION LOOKING WEST

SCALE: 1:64

REV.	DESCRIPTION	DATE	BY
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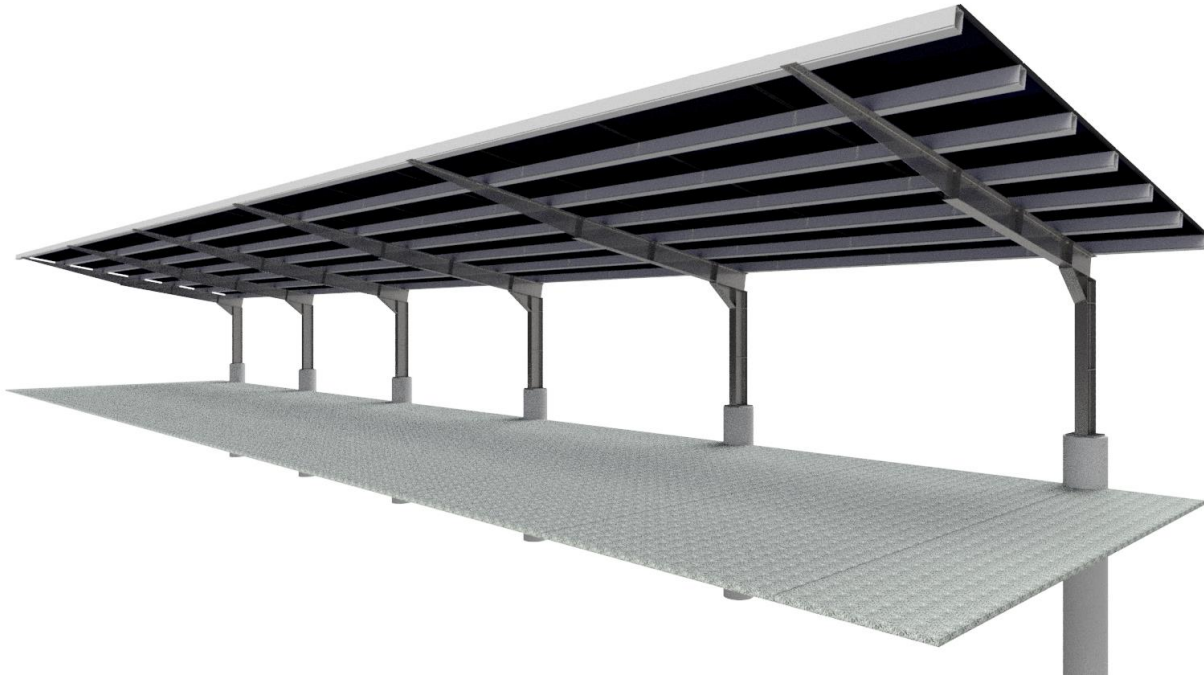
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CANOLA PROCESSING FACILITY

**ELEVATION VIEWS
MAIN SWITCHROOM & CANOLA TANKS**

SIZE A1	FSCMNO	DWG NO GA-109	REV 0
SCALE NOTED	SHEET		9 OF 10



S-Rack Carport System

Effective Space Usage

The S-Rack Carport System is an intelligent solution for solar energy generation that takes advantage of a carport's intended function as a car shade.

Maximum Durability

All components are made of high-quality galvanized steel, marine-grade aluminum with stainless steel fasteners. This guarantees pleasing aesthetics, excellent corrosion resistance and maximum durability.

Customised Solutions

Our carport systems are customised to suit site-specific designs, ensuring space utilization is maximised.

Significant Cost Savings

The smart structural design of our carport system enables quick and easy assembly, maximizing construction efficiency.



Open terrain



Framed Module



Unframed Module

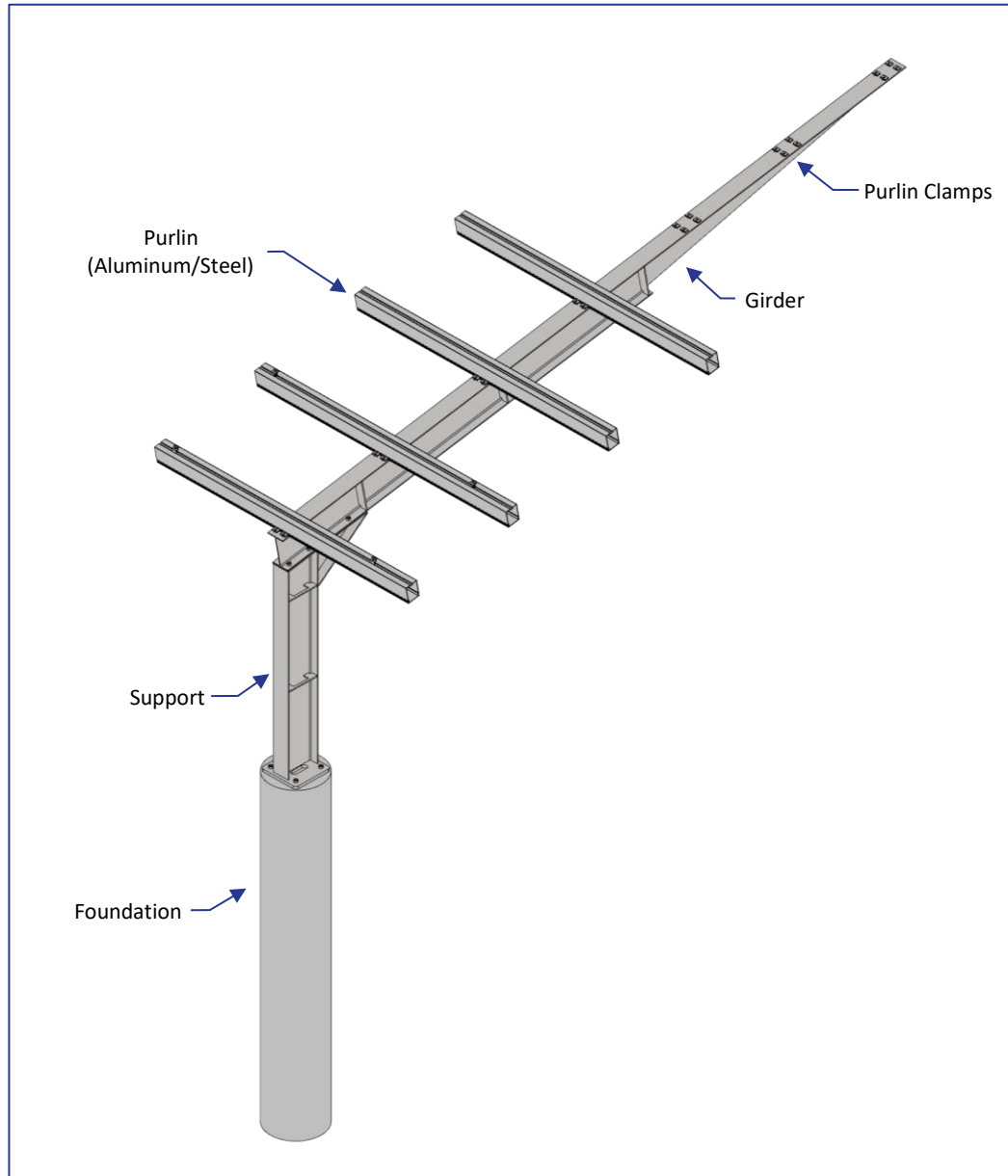


Orientation Portrait



Orientation Landscape



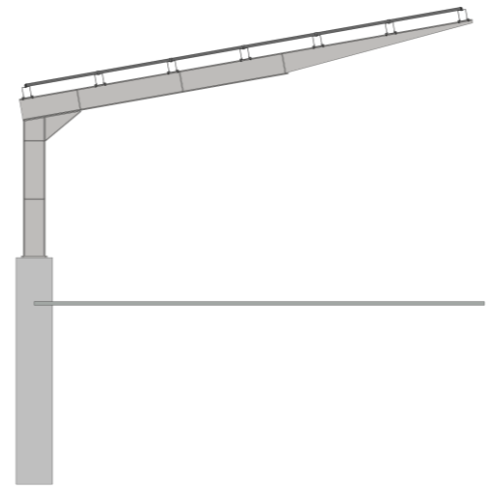
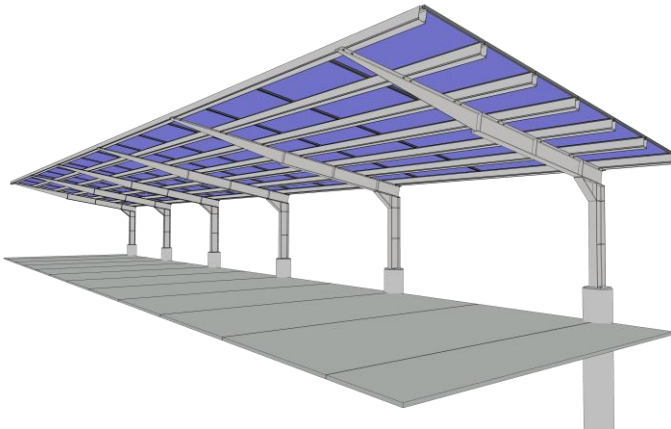


Application	<i>Carport Mount</i>
PV modules	<i>Framed / Frameless</i>
Module layout	<i>As per site requirements</i>
Module orientation	<i>Portrait / Landscape</i>
Module Tilt	<i>10 degrees (standard)*</i>
Ground clearance	<i>2.4m (standard)*</i>
Support spacing	<i>7.5m (standard)*</i>
Standards	<i>AS/NZS 1170, AS/NZS 4100, AS/NZS 4680, AS/NZS 4600</i>
Components	<i>Hot-dipped galvanized Steel Anodized/Mill Aluminum Stainless Steel bolts and fasteners (optional)</i>
Warranty	<i>10 years**</i>

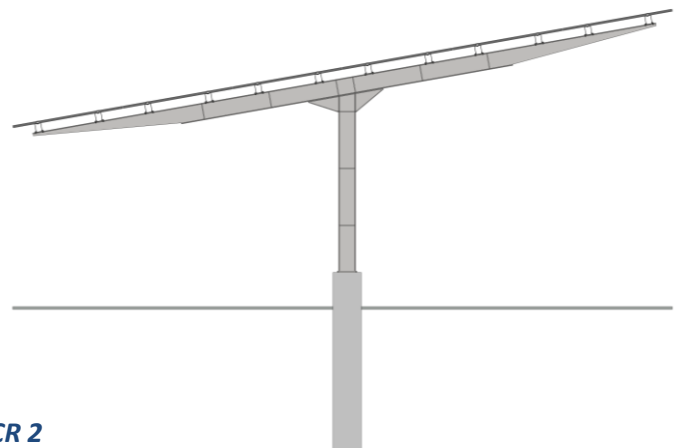
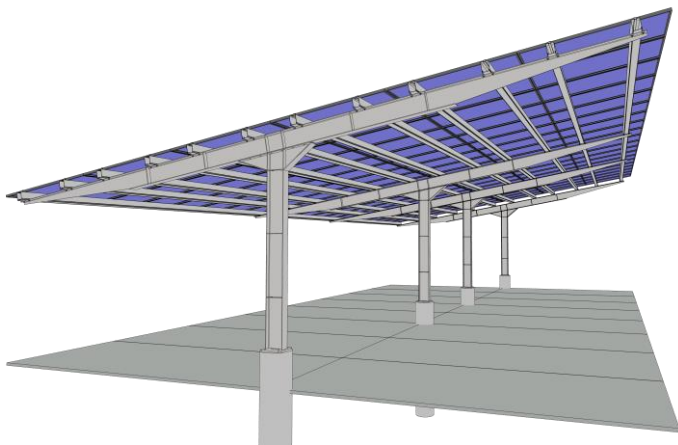
**For other values, please consult with S-Rack*

*** Refer to S-Rack Australia Pty Ltd Terms and Conditions*

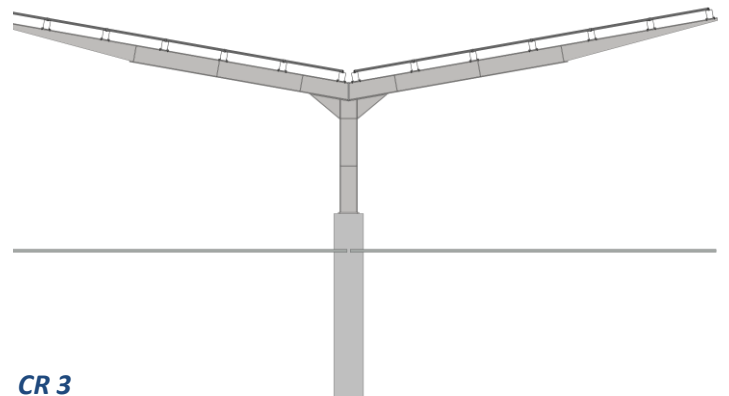
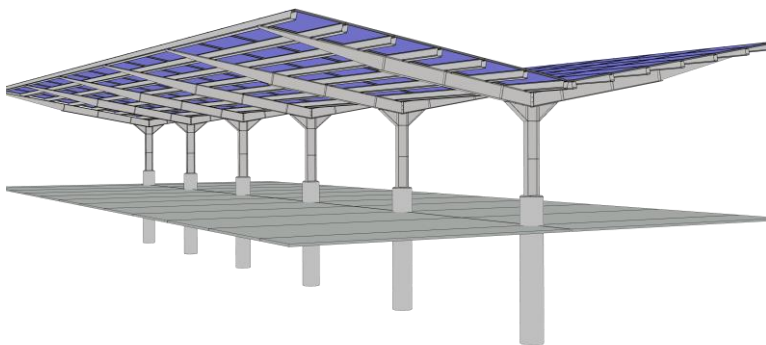
S-Rack Carport System Designs



CR 1



CR 2



CR 3

For further information: www.s-rack.com

Subject to technical alterations.

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Latest Ver. Date: 28/05/2019

PROPOSED MEAL STORAGE

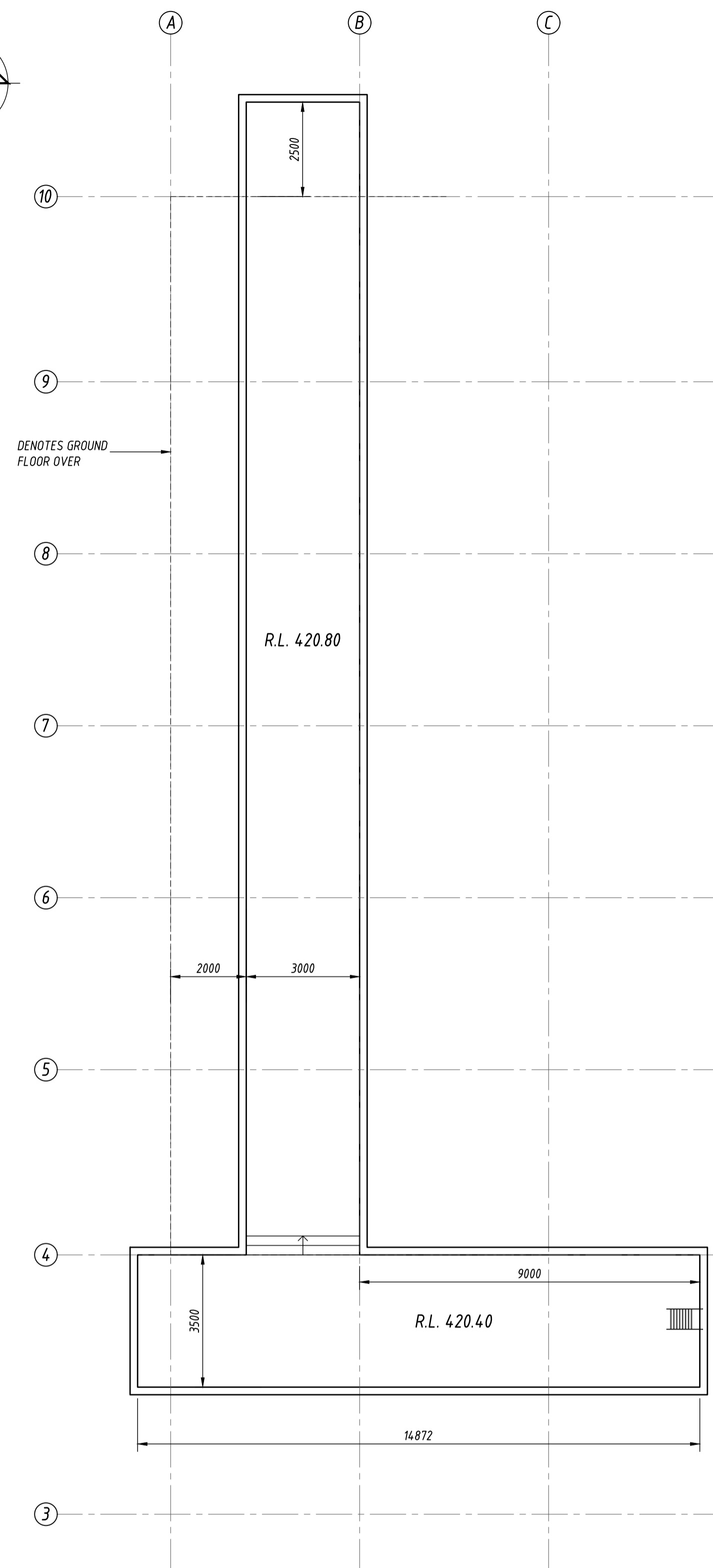
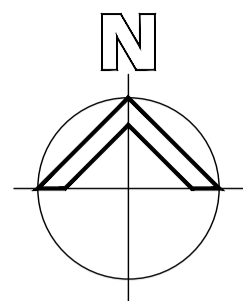
NO. 18-22 DEDERANG STREET, MANILDRA

MSM MILLING Pty Ltd

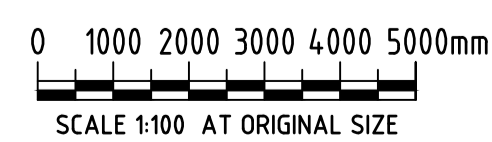
DRAWING REGISTER

220502-A.00	COVER & DRAWING REGISTER
220502-A.01	BASEMENT PLAN
220502-A.02	GROUND FLOOR PLAN
220502-A.03	R.L. 427.3 & R.L. 429.8 PLANS
220502-A.04	R.L. 432.3 & R.L. 434.8 PLANS
220502-A.05	R.L. 441.4 PLAN
220502-A.06	NORTHERN ELEVATION
220502-A.07	EASTERN ELEVATION
220502-A.08	SOUTHERN ELEVATION
220502-A.09	WESTERN ELEVATION

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				P 02 6360 2561 E OFFICE@COOKANDROE.COM.AU		COOKANDROE.COM.AU		Scale - Date DECEMBER '23'		Job No: 220502 Dwg No: A.00	
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BASEMENT PLAN



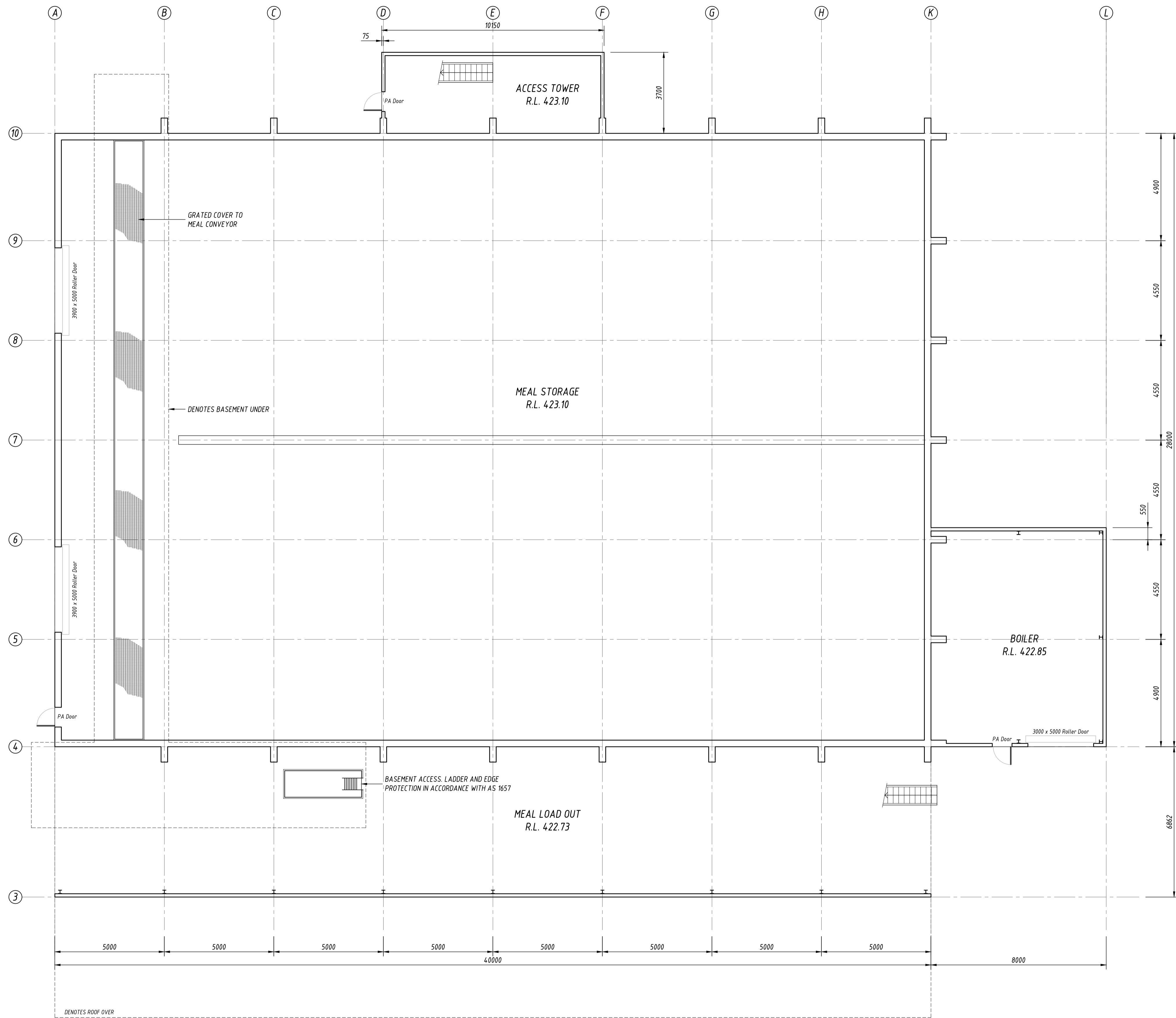
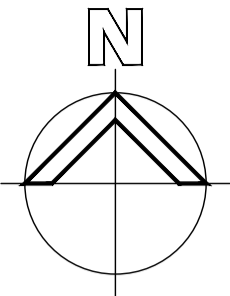
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 NO. 18-22 DEDERANG STREET, MANILDRA**
 Title **BASEMENT PLAN**

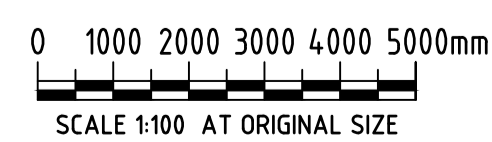
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GROUND FLOOR PLAN

Rev	Revision Description	Drawn	Approved	Date
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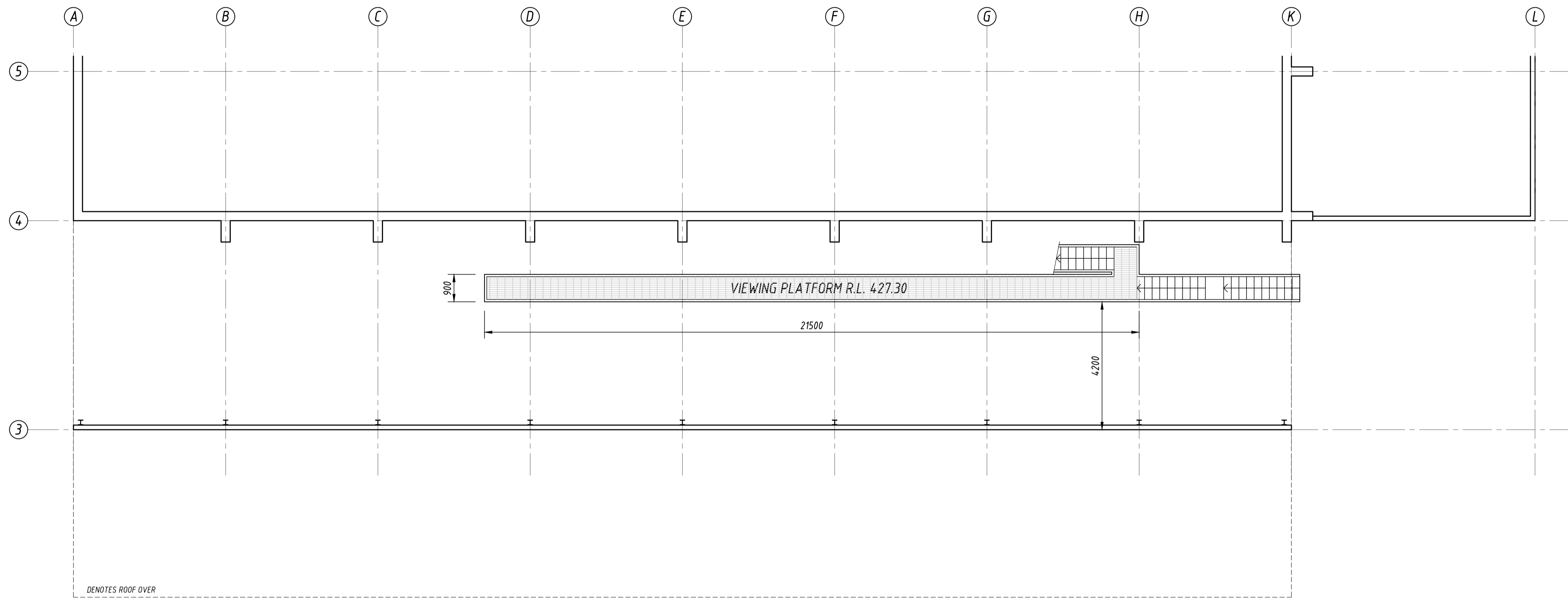
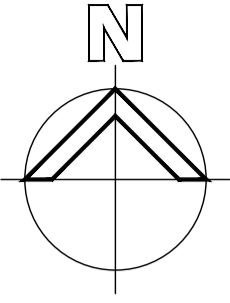


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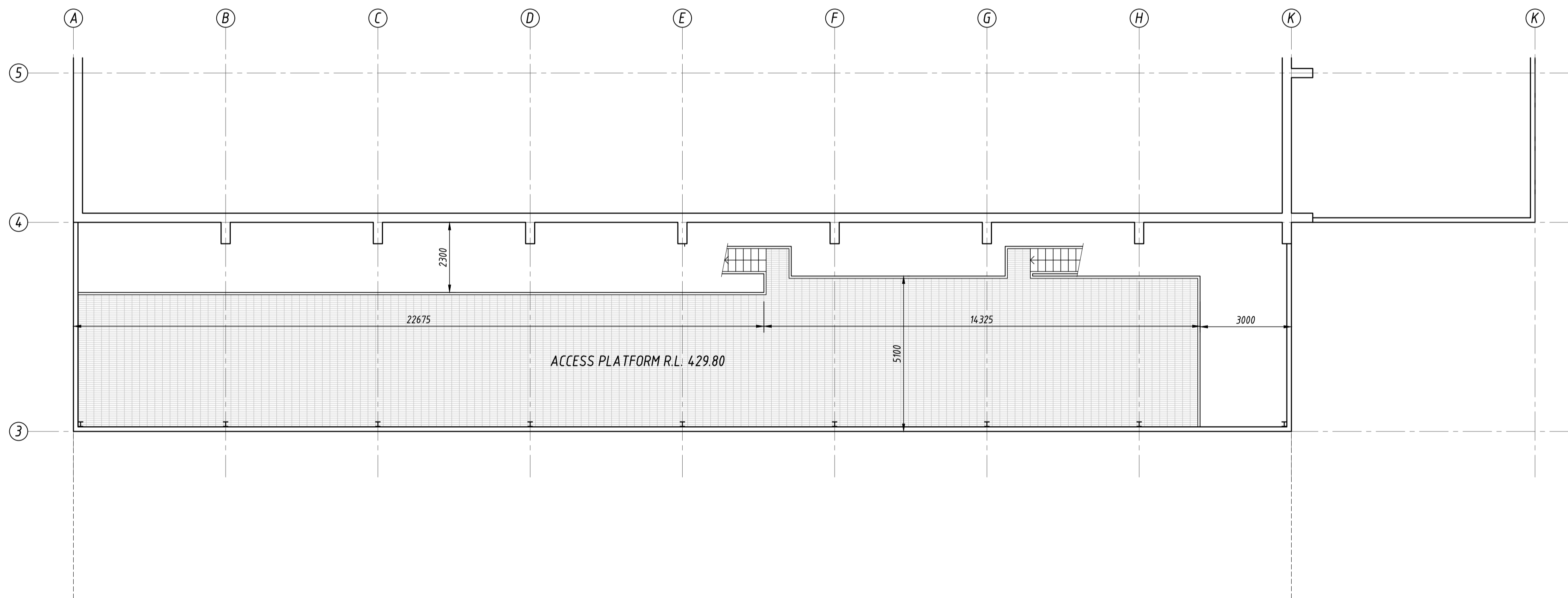


Project	PROPOSED MEAL STORAGE NO. 18-22 DEDERANG STREET, MANILDRA	
Title	GROUND FLOOR PLAN	

Client	MSM MILLING Pty Ltd		
Drawn	JTB	Designed	Approved
Scale	1:100	Date	DECEMBER '23'
Job No:	220502	Dwg No:	A.02
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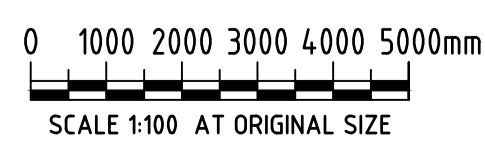


R.L. 427.30 PLAN



R.L. 429.80 PLAN

Rev	Revision Description	Drawn	Approved	Date
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Project

**PROPOSED MEAL STORAGE
NO. 18-22 DEDERANG STREET, MANILDRA**

Title

R.L. 427.3 & R.L. 429.80 PLANS

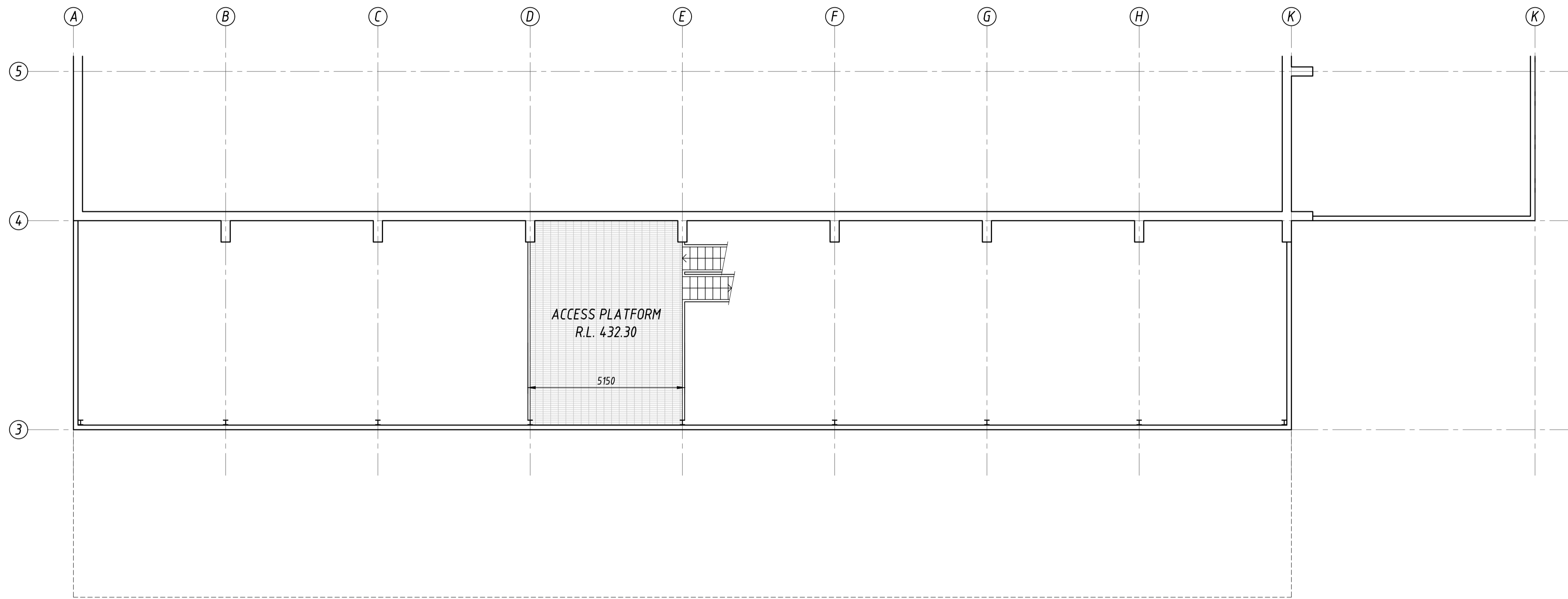
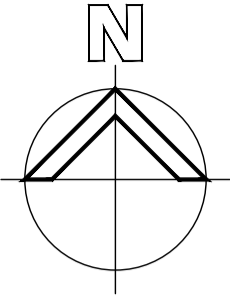
Client **MSM MILLING Pty Ltd**

Drawn JTB Designed Approved

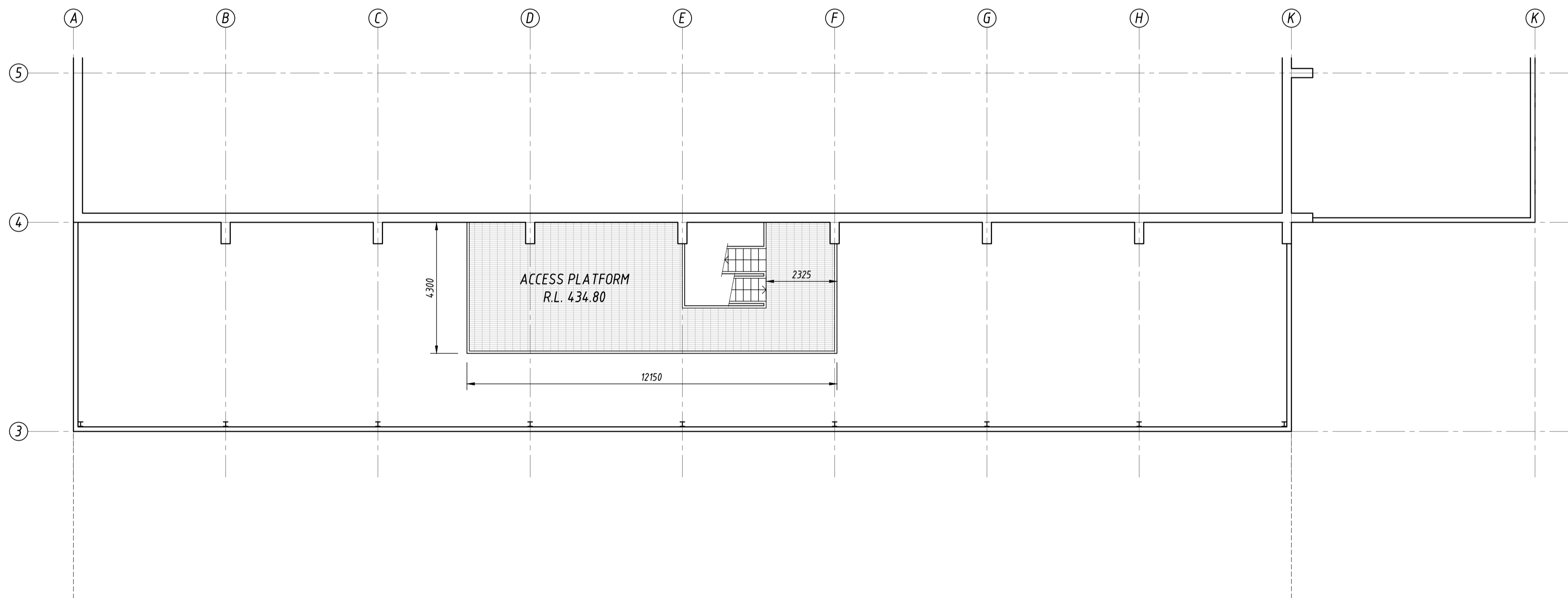
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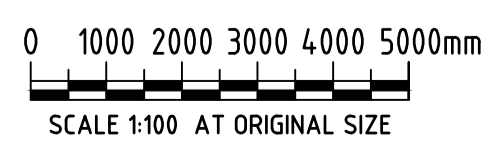
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R.L. 432.30 PLAN



R.L. 434.80 PLAN



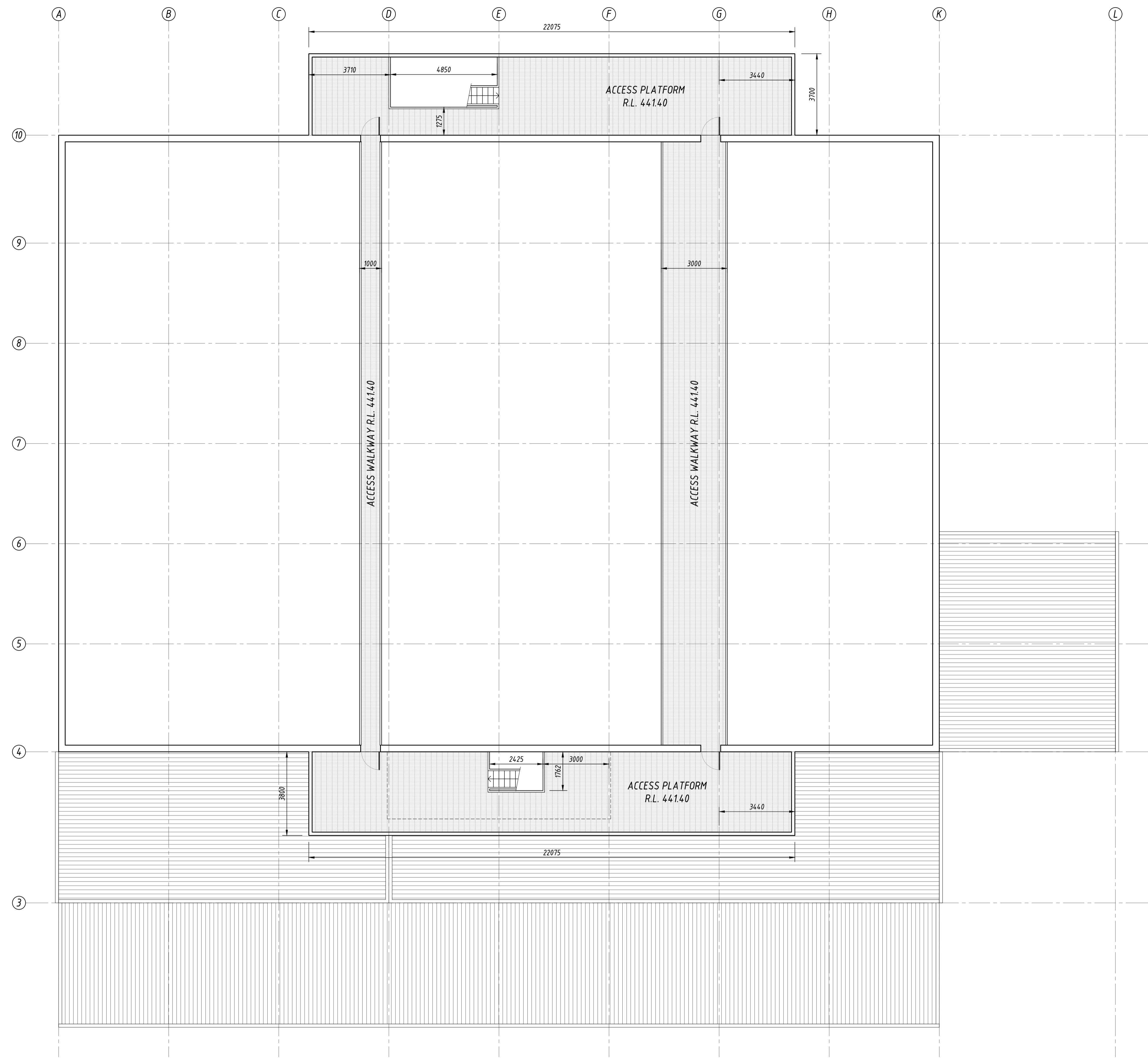
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 NO. 18-22 DEDERANG STREET, MANILDRA**
 Title **R.L. 432.3 & R.L. 434.8 PLANS**

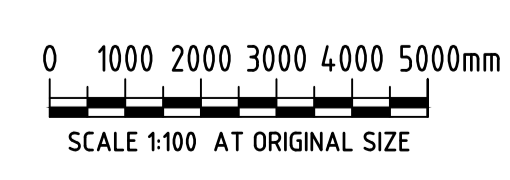
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Rev	Revision Description	Drawn	Approved	Date
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R.L. 441.40 PLAN

Rev	Revision Description	Drawn	Approved	Date
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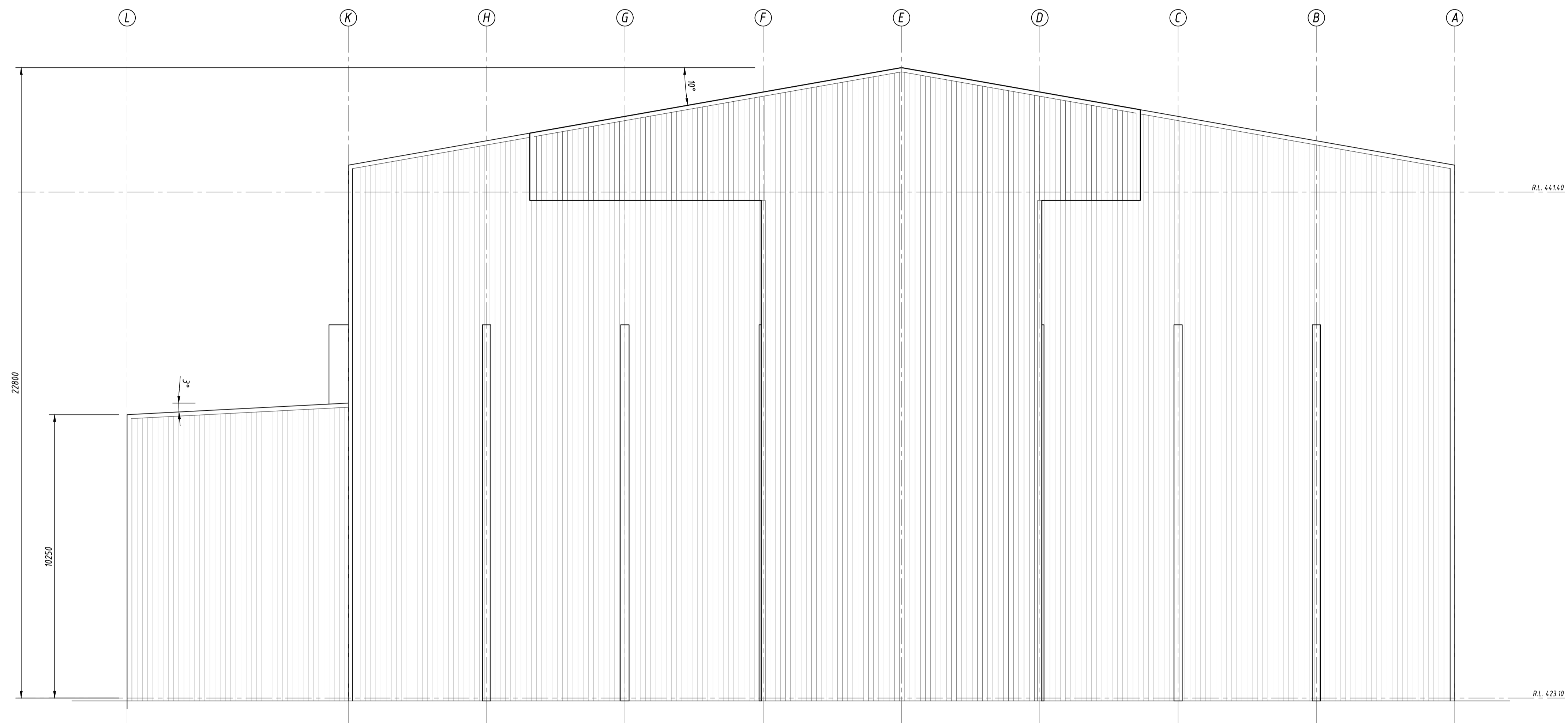


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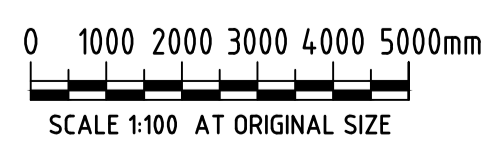
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 NO. 18-22 DEDERANG STREET, MANILDRA**
 Title **R.L. 441.4 PLAN**

Client MSM MILLING Pty Ltd			
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Scale 1:100	Date DECEMBER '23'		
Job No: 220502	Dwg No: A.05	This Drawing must not be used for Construction unless signed as Approved	Original Size A1



NORTHERN ELEVATION

Rev	Revision Description	Drawn	Approved	Date
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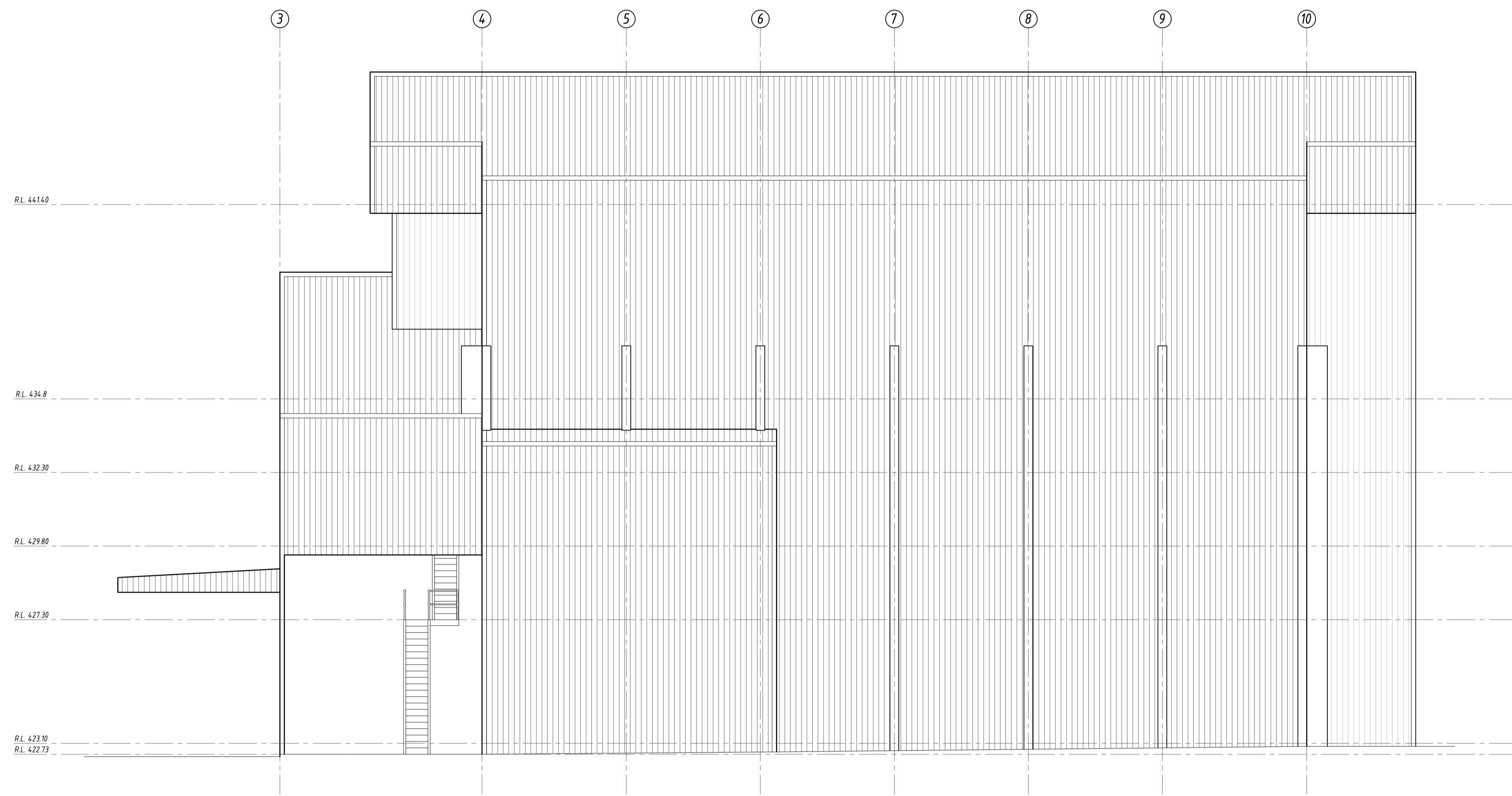


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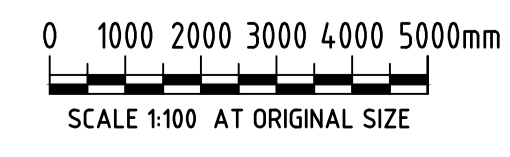
Project **PROPOSED MEAL STORAGE
 NO. 18-22 DEDERANG STREET, MANILDRA**
 Title **NORTHERN ELEVATION**

Client MSM MILLING Pty Ltd			
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Scale 1:100	Date DECEMBER '23'		
Job No: 220502	Dwg No: A.06	This Drawing must not be used for Construction unless signed as Approved	Original Size A1



EASTERN ELEVATION

Rev	Revision Description	Drawn	Approved	Date
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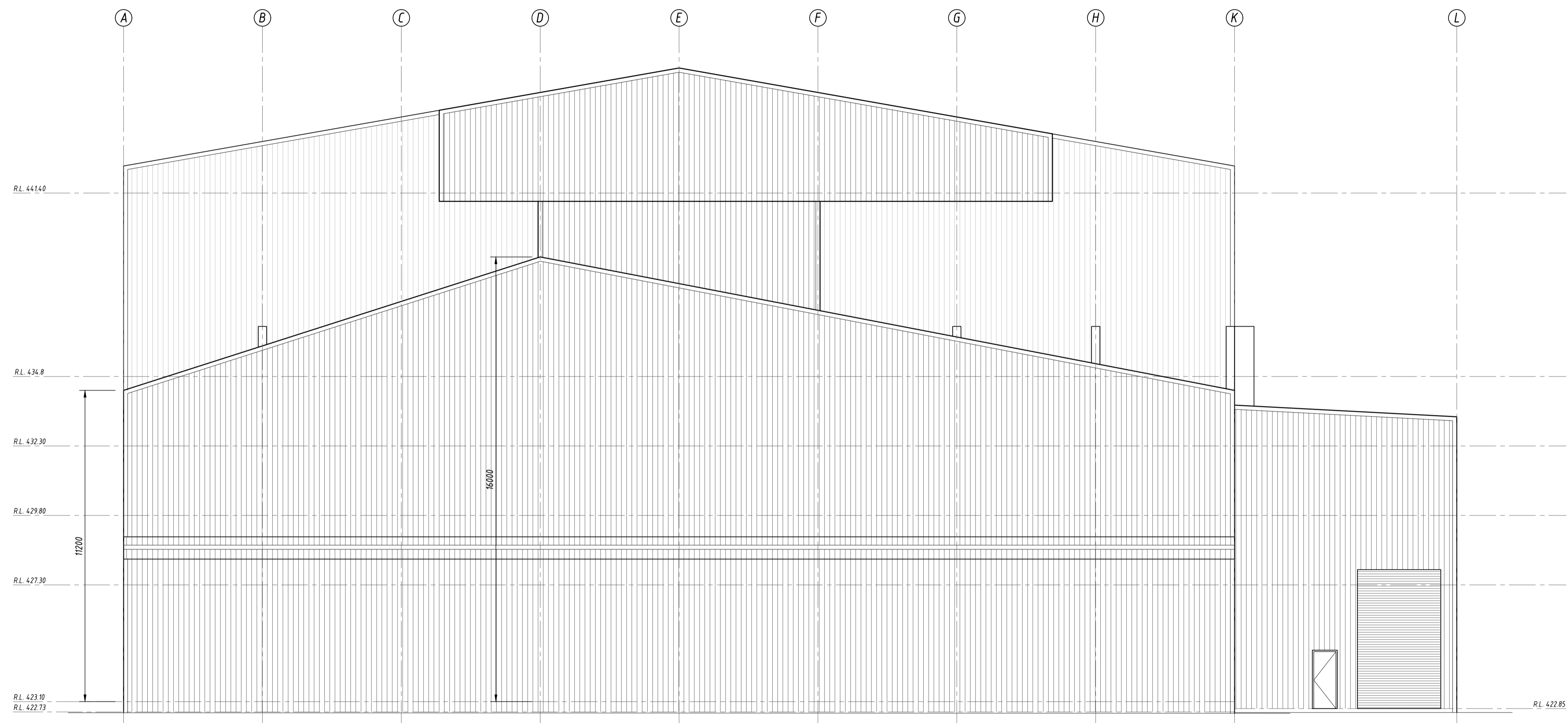


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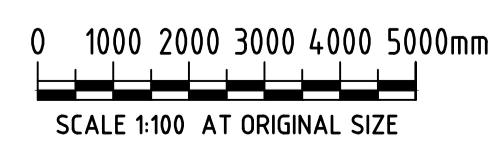
Project **PROPOSED MEAL STORAGE
 NO. 18-22 DEDERANG STREET, MANILDRA**
 Title **EASTERN ELEVATION**

Client MSM MILLING Pty Ltd			
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Scale	1:100	Date	DECEMBER '23'
Job No:	220502	Dwg No:	A.07
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SOUTHERN ELEVATION

Rev	Revision Description	Drawn	Approved	Date
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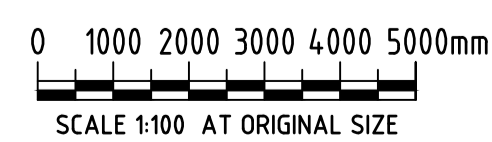
Project
PROPOSED MEAL STORAGE
NO. 18-22 DEDERANG STREET, MANILDRA
 Title
SOUTHERN ELEVATION

Client MSM MILLING Pty Ltd			
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Scale	1:100	Date	DECEMBER '23'
Job No:	220502	Dwg No:	A.08
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WESTERN ELEVATION

Rev	Revision Description	Drawn	Approved	Date
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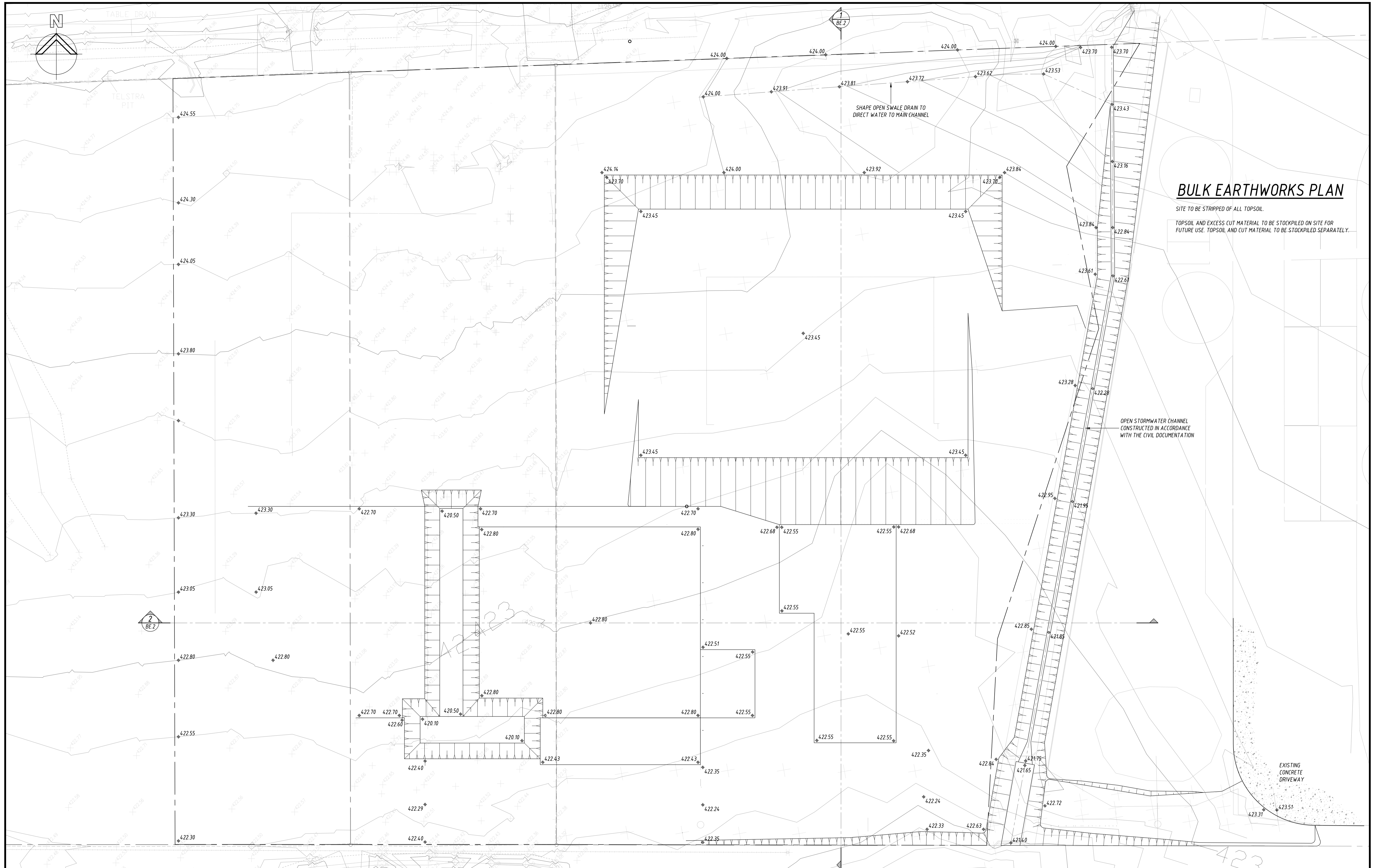


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Project
PROPOSED MEAL STORAGE
NO. 18-22 DEDERANG STREET, MANILDRA
 Title
WESTERN ELEVATION

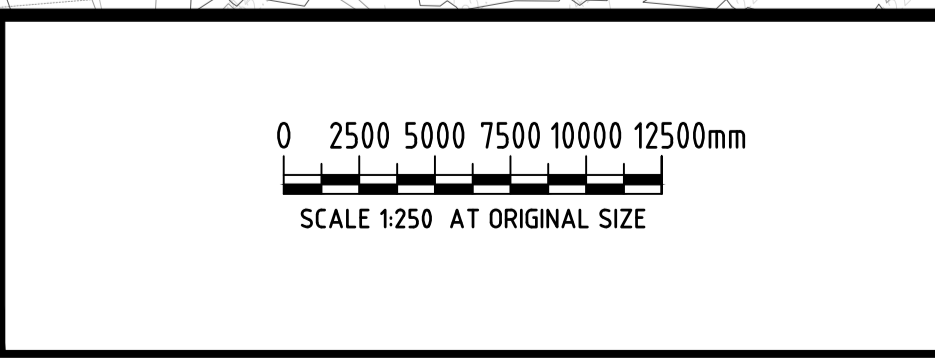
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Scale	1:100	Date	DECEMBER '23'
Job No:	220502	Dwg No:	A.09
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BULK EARTHWORKS PLAN

SITE TO BE STRIPPED OF ALL TOPSOIL.
 TOPSOIL AND EXCESS CUT MATERIAL TO BE STOCKPILED ON SITE FOR FUTURE USE. TOPSOIL AND CUT MATERIAL TO BE STOCKPILED SEPARATELY.

Rev	Revision Description	Drawn	Approved	Date
A	ISSUED FOR INFORMATION	JTB	-	21.12.23

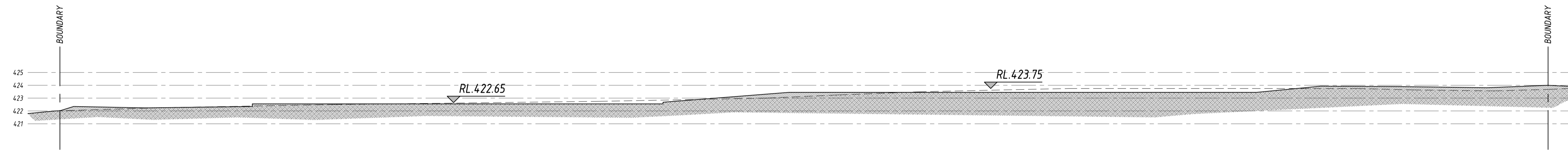


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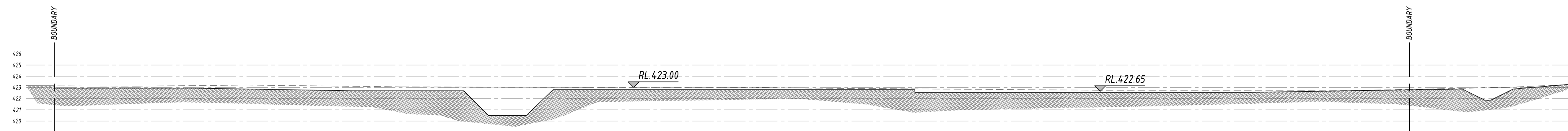
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Project **MSM MILLING PLANT EXPANSION**
NO. 18-22 DEDERANG STREET, MANILDRA
 Title **BULK EARTHWORKS PLAN**

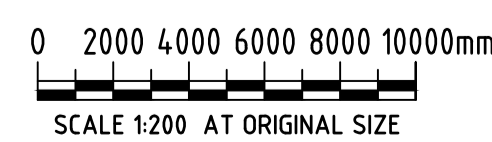
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SECTION 1
BE.1



SECTION 2
BE.1



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Project **MSM MILLING PLANT EXPANSION
NO. 18-22 DEDERANG STREET, MANILDRA**

Title **BULK EARTHWORK SECTIONS '1'**

Client **MSM MILLING Pty Ltd**

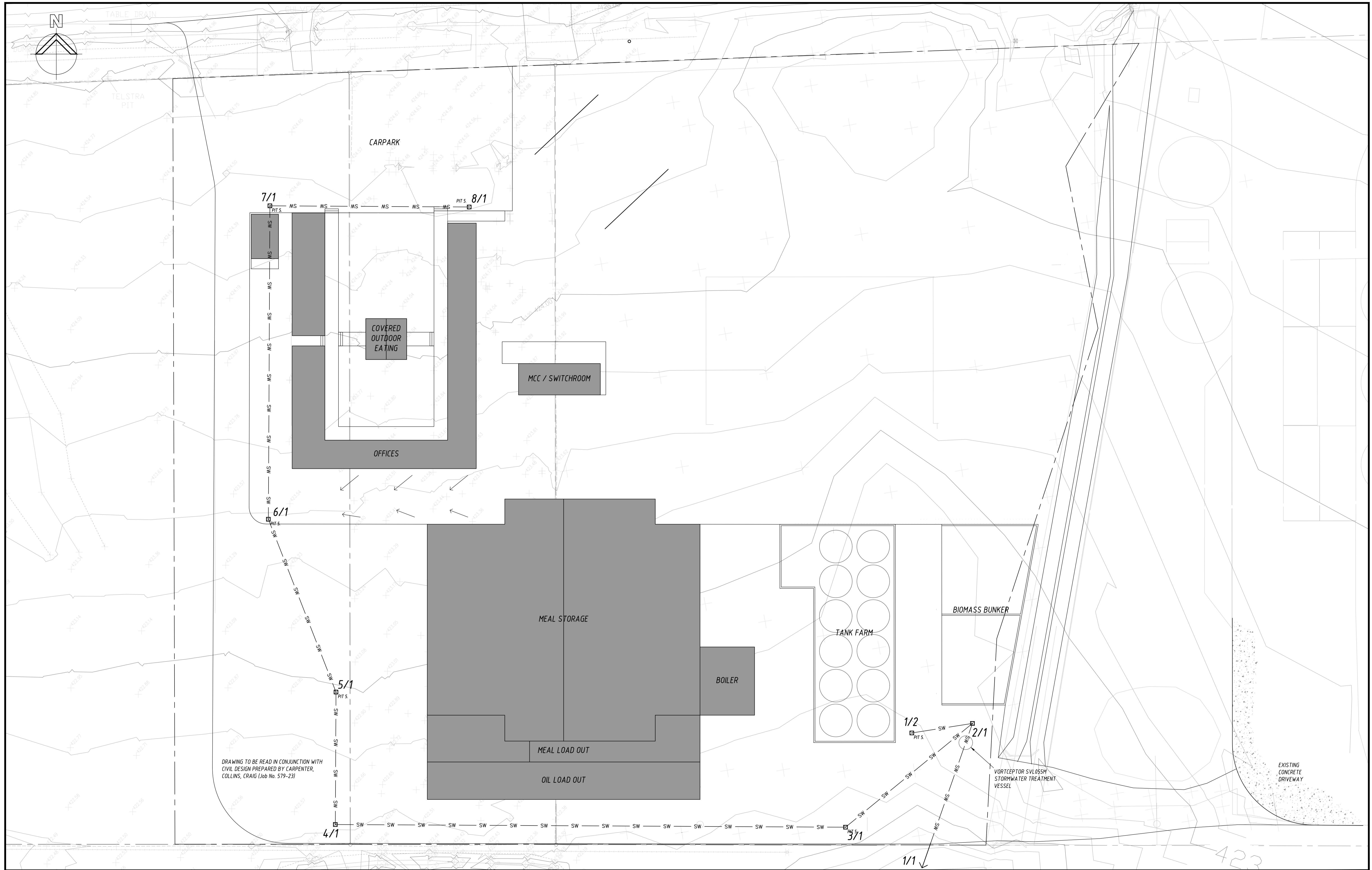
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Scale **1:200** Date **DECEMBER '23'**

Job No: **220502** Dwg No: **BE.02**

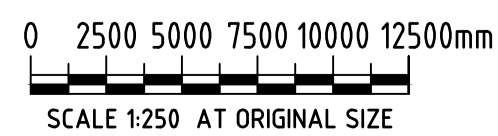
This Drawing must not be used for Construction unless signed as Approved
Original Size **A1**

Rev	Revision Description	Drawn	Approved	Date
A	ISSUED FOR INFORMATION	JTB	-	21.12.23



DRAWING TO BE READ IN CONJUNCTION WITH CIVIL DESIGN PREPARED BY CARPENTER, COLLINS, CRAIG (Job No. 579-23)

Rev	Revision Description	Drawn	Approved	Date
A	ISSUED FOR INFORMATION	JTB	-	21.12.23

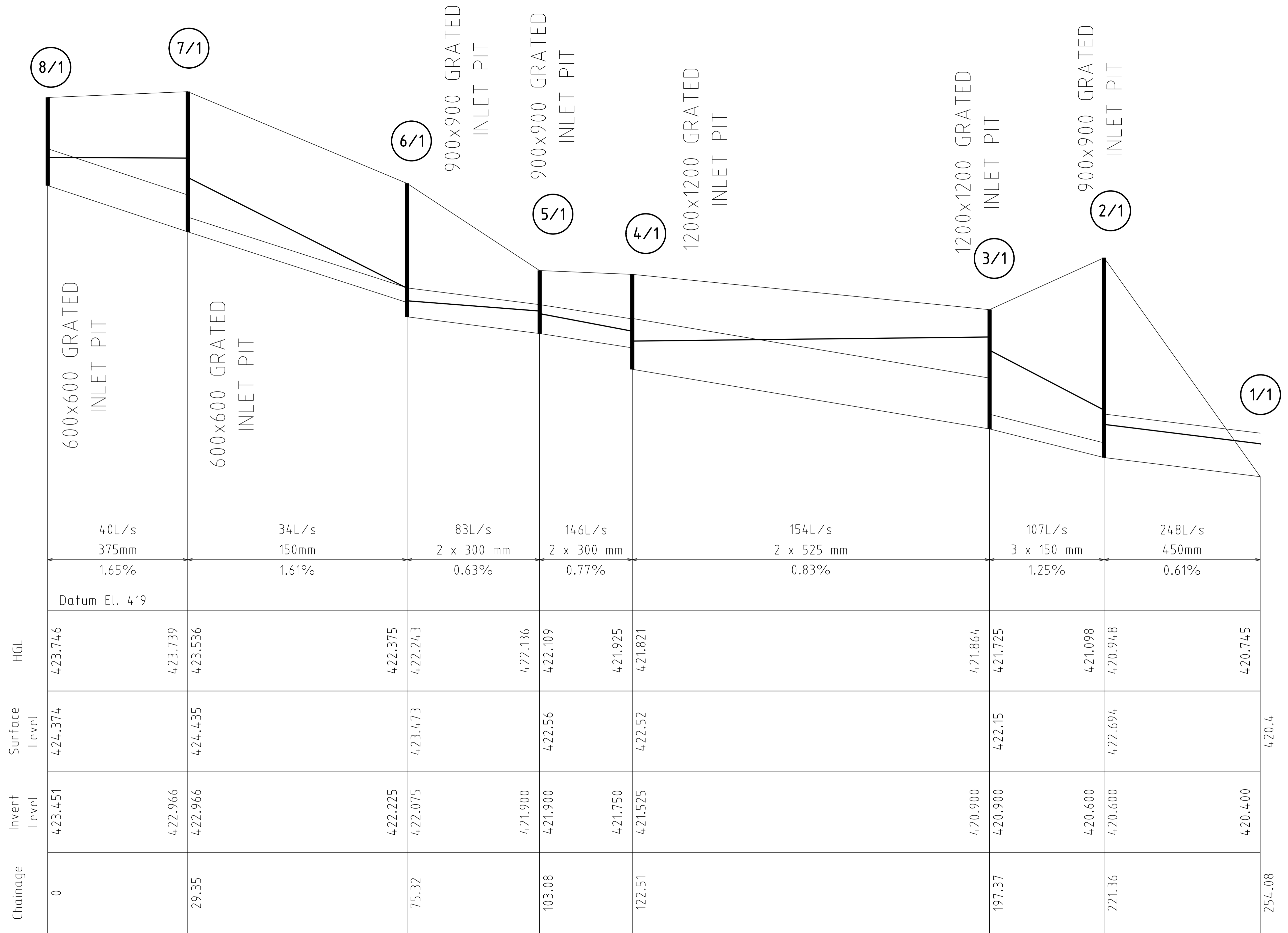


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COOK ROE
 STRUCTURAL ENGINEERS
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 COOKANDROE.COM.AU

Project **MSM MILLING PLANT EXPANSION**
NO. 18-22 DEDERANG STREET, MANILDRA
 Title **STORMWATER LAYOUT PLAN**

Client MSM MILLING Pty Ltd			
Drawn JTB	Designed	Approved	
Scale 1:250	Date DECEMBER '23'		
Job No: 220502	Dwg No: C.1	This Drawing must not be used for Construction unless signed as Approved	Original Size A1

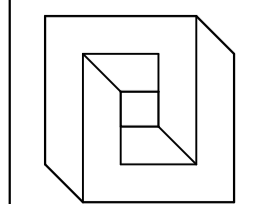


DRAINAGE LONGITUNDINAL SECTION FOR LINE 1

DISCHARGE NEAR EXISTING CULVERT

NO.	DESCRIPTION	DRAWN	DATE	APP.

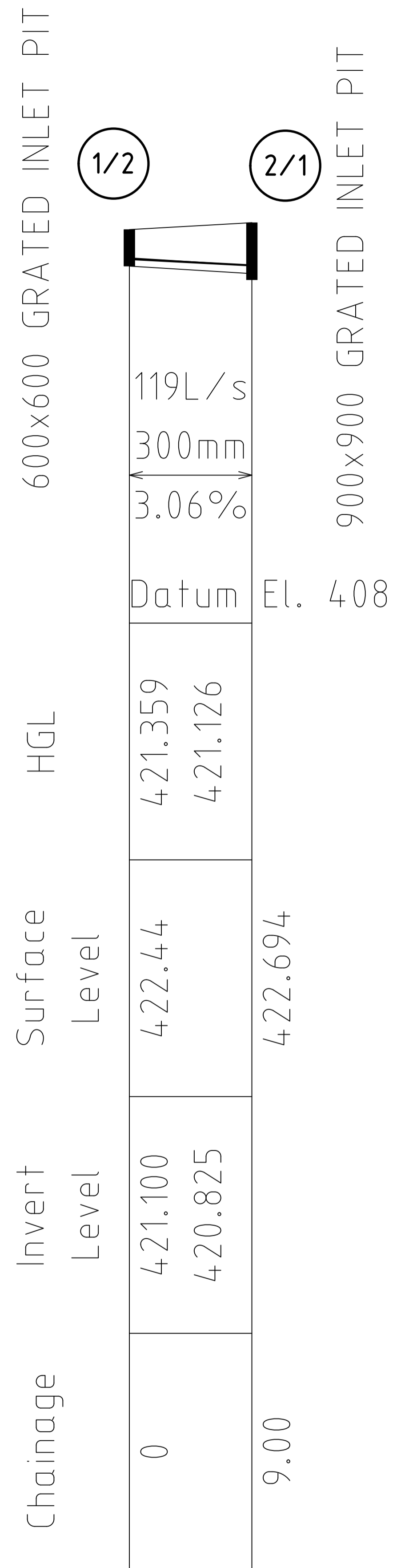
CLIENT: _____
 ADDRESS: _____



CARPENTER, COLLINS, CRAIG
 CONSULTING SURVEYORS, ENGINEERS, SUBDIVISION DESIGN & MANAGEMENT
 11 McNamara Street
 P.O. Box 685, Orange, NSW 2800
 Telephone: (02) 6363 1111
 email: admin@cccsurvey.com.au

SURVEYOR:	CCC	DATE:	25/07/2023
HEIGHT DATUM:	AHD	DRAWN:	A.S.
HORIZ. DATUM:	MGA	DESIGNED:	A.S.
ORIGIN:		CHECKED:	CIVIL ENGINEER
ROT'N ANG:		APPROVED:	
SCALE:	1 : 200 A1		

DRAINAGE LONG SECTIONS			
SHEET 1			
LINE 1			
DO NOT SCALE	JOB No. 579-23	DWG No. 579-23ENG	REV. A
SHEET 2 OF 4			A1



TOTAL PEAK FLOW FROM SITE:

ANALYSIS BY 'DRAINS' SOFTWARE USING ILL CL METHOD WITH ARR 2019 PARAMETERS.

PRE DEVELOPMENT LOT PEAK FLOW:

ORIGINAL SITE TOTAL;

10% AEP = 361 L/S
1% AEP = 651 L/S

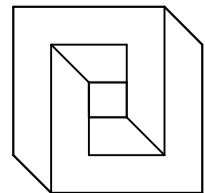
DEVELOPED LOT PEAK FLOWS.

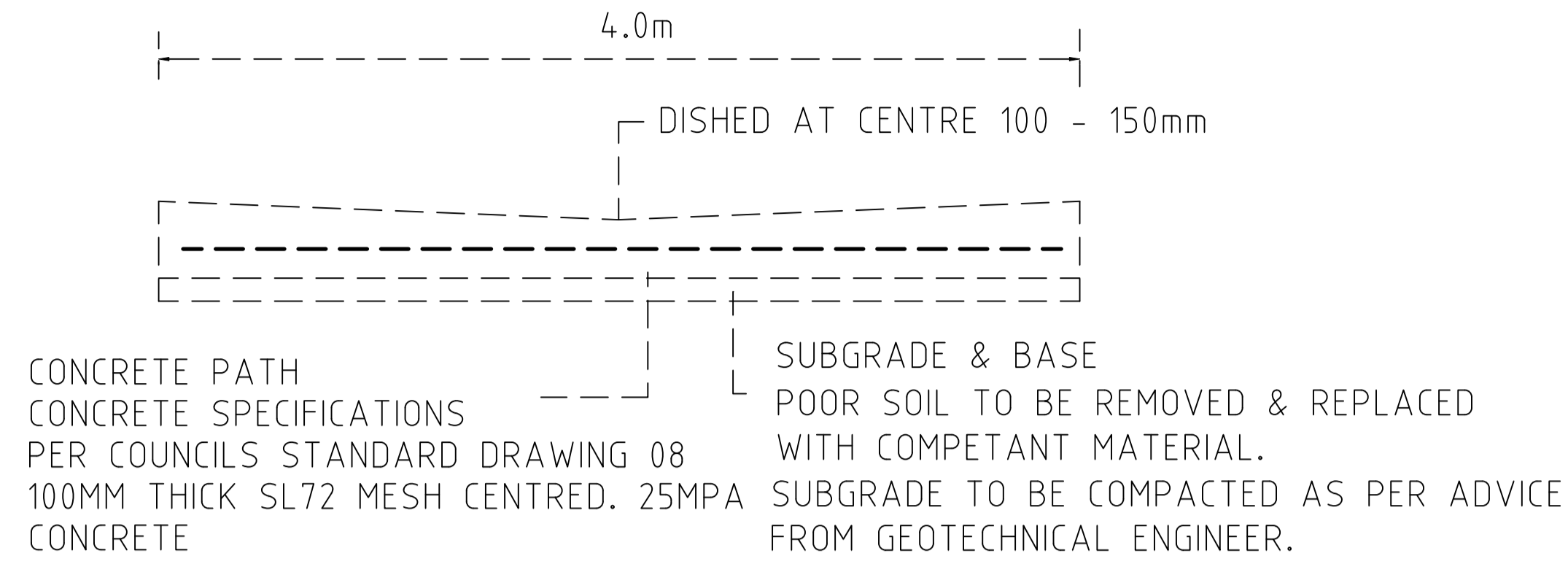
10% AEP
TOTAL = 327 L/S

1% AEP
TOTAL = 637 L/S

THESE CALCULATIONS ASSUMED THE 100,000L RAINWATER TANK WAS AT MAXIMUM RESTING CAPACITY (APPROX 3/4 FULL) AND THE OFFICE RAINWATER TANK WAS AT MAXIMUM CAPACITY. THE INVERT OF THE 375mm OVERFLOW PIPE FOR THE 100,000L TANK SHOULD BE 525mm BELOW THE TOP OF THE TANK TO ALLOW ENOUGH CAPACITY FOR LARGE RAIN EVENTS WITHOUT OVERFILLING THE TANK.

DRAINAGE LONGITUDINAL SECTION FOR LINE 2

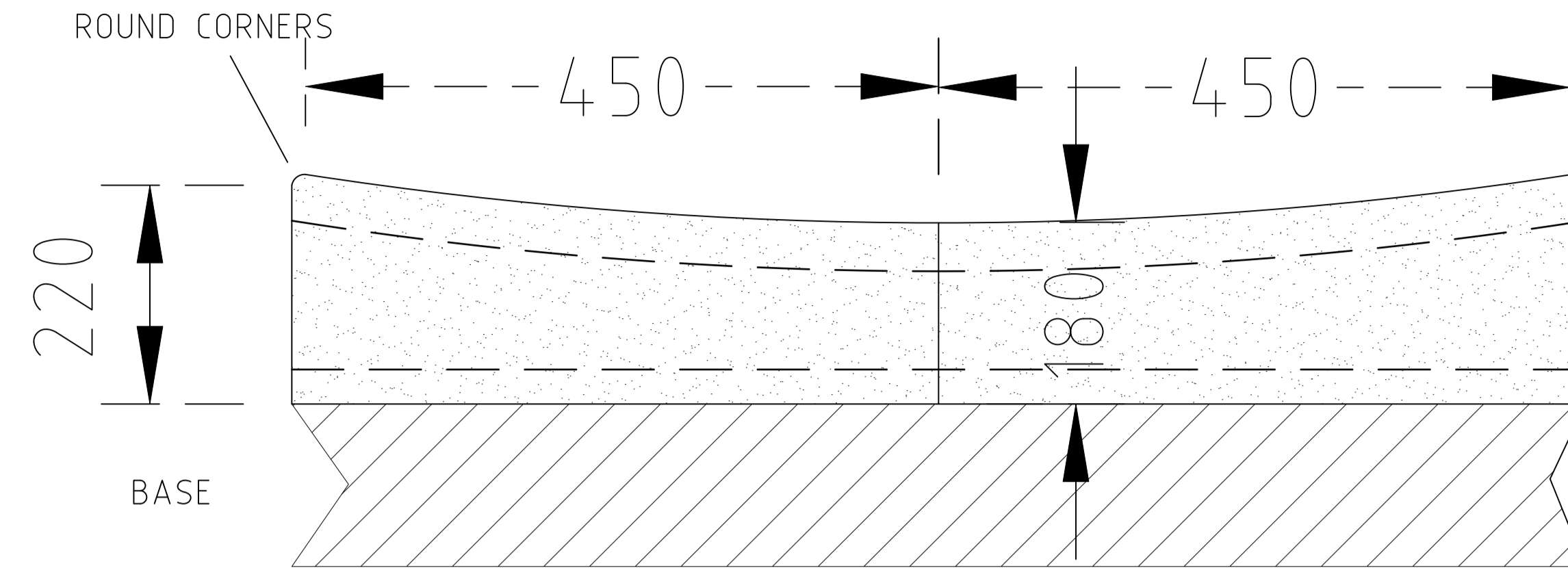
REV. NO.	ISSUED FOR APPROVAL			AS	DATE	APP.	CLIENT:	ADDRESS:	 <p>CARPENTER, COLLINS, CRAIG CONSULTING SURVEYORS, ENGINEERS, SUBDIVISION DESIGN & MANAGEMENT 11 McNamara Street, P.O. Box 685, Orange, NSW 2800 Telephone: (02) 6363 1111 email: admin@cccsurvey.com.au</p>	SURVEYOR: CCC	DATE: 25/07/2023	<p align="center">DRAINAGE LONG SECTIONS SHEET 2 LINE 2 & STORMWATER NOTES</p>	REV.		
															HEIGHT DATUM: AHD
							HORIZ. DATUM: MGA	DESIGNED: A.S.	CHECKED:						
								ORIGIN:	APPROVED:	SCALE: 1 : 200 A1					



OVERLAND FLOW PATH CROSS SECTION

NOT TO SCALE

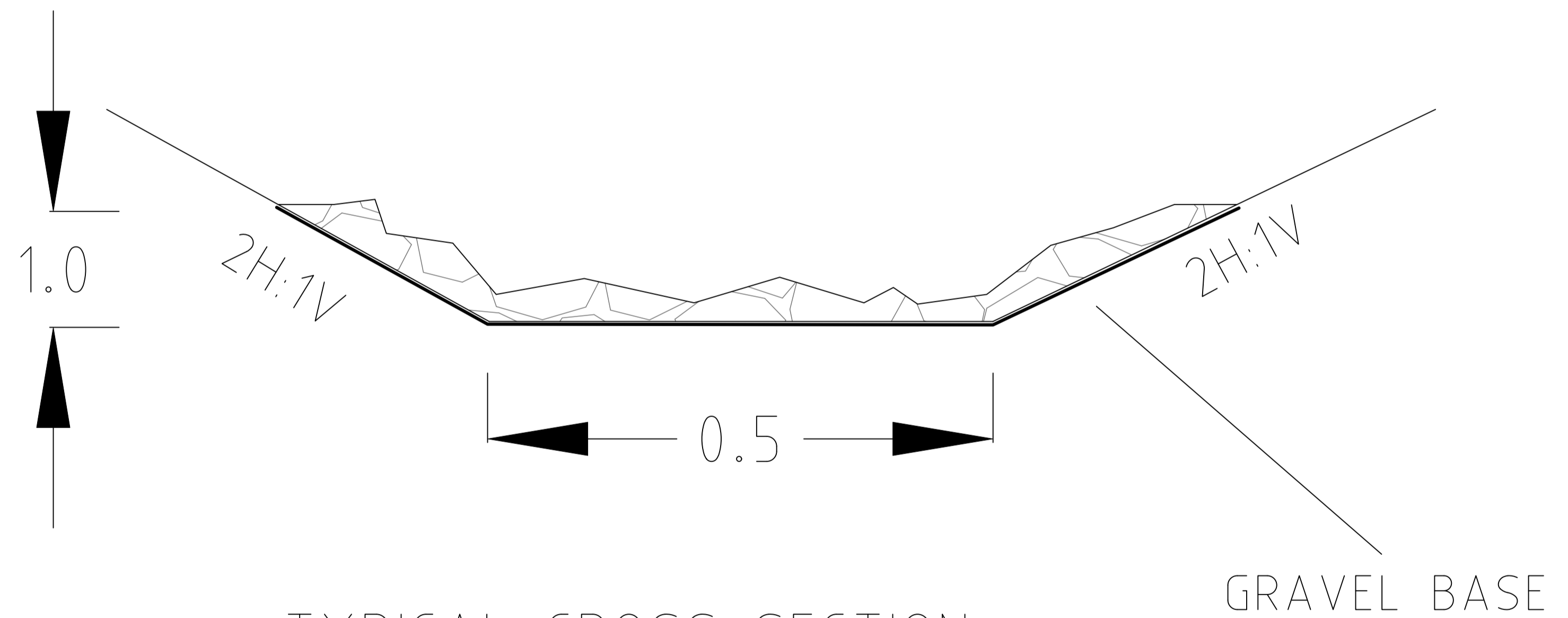
THIS DESIGN IS FOR OVERLAND FLOW
PATHS IN THE RESTRICTED ZONES
AROUND THE PLANT TO DIRECT WATER
FLOWS TO PITS OUTSIDE THE AREA.



SL82 MESH
40mm COVER TOP AND BASE
N 32 MPA STRENGTH CONCRETE.
BASE MINIMUM 150MM THICK DGB20 COMPACTED

DETAIL OF DISH GUTTER.

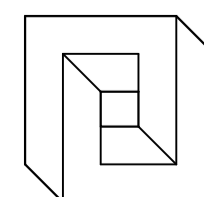
NOT TO SCALE



TYPICAL CROSS SECTION
OPEN STORMWATER CHANNEL
APPROX GRADE 3%

NO.	DESCRIPTION	DRAWN	DATE	APP.
A	ISSUED FOR APPROVAL	AS		

CLIENT:
ADDRESS:



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email: admin@cccsurvey.com.au

SURVEYOR:	CCC	DATE:	25/07/2023
HEIGHT DATUM:	AHD	DRAWN:	A.S.
HORIZ. DATUM:	MGA	DESIGNED:	A.S.
ORIGIN:		CHECKED:	CIVIL ENGINEER
ROT'N ANG:		APPROVED:	
SCALE:	AS SHOWN		

**CHANNEL SECTIONS
DISH DRAIN SECTIONS**

DO NOT SCALE JOB No. 579-23 DWG No. 579-23ENG SHEET 4 OF 4 A1

REV.
A