

Statement of Environmental Effects
Cowal Gold Operations Accommodation Village

VOLUME 1 – APPENDIX A TO C

Prepared for Evolution Mining (Cowal) Pty Limited
April 2021

EMM
creating opportunities

Evolution
MINING



Appendix A

Architectural drawings

EMM
creating opportunities

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MINING

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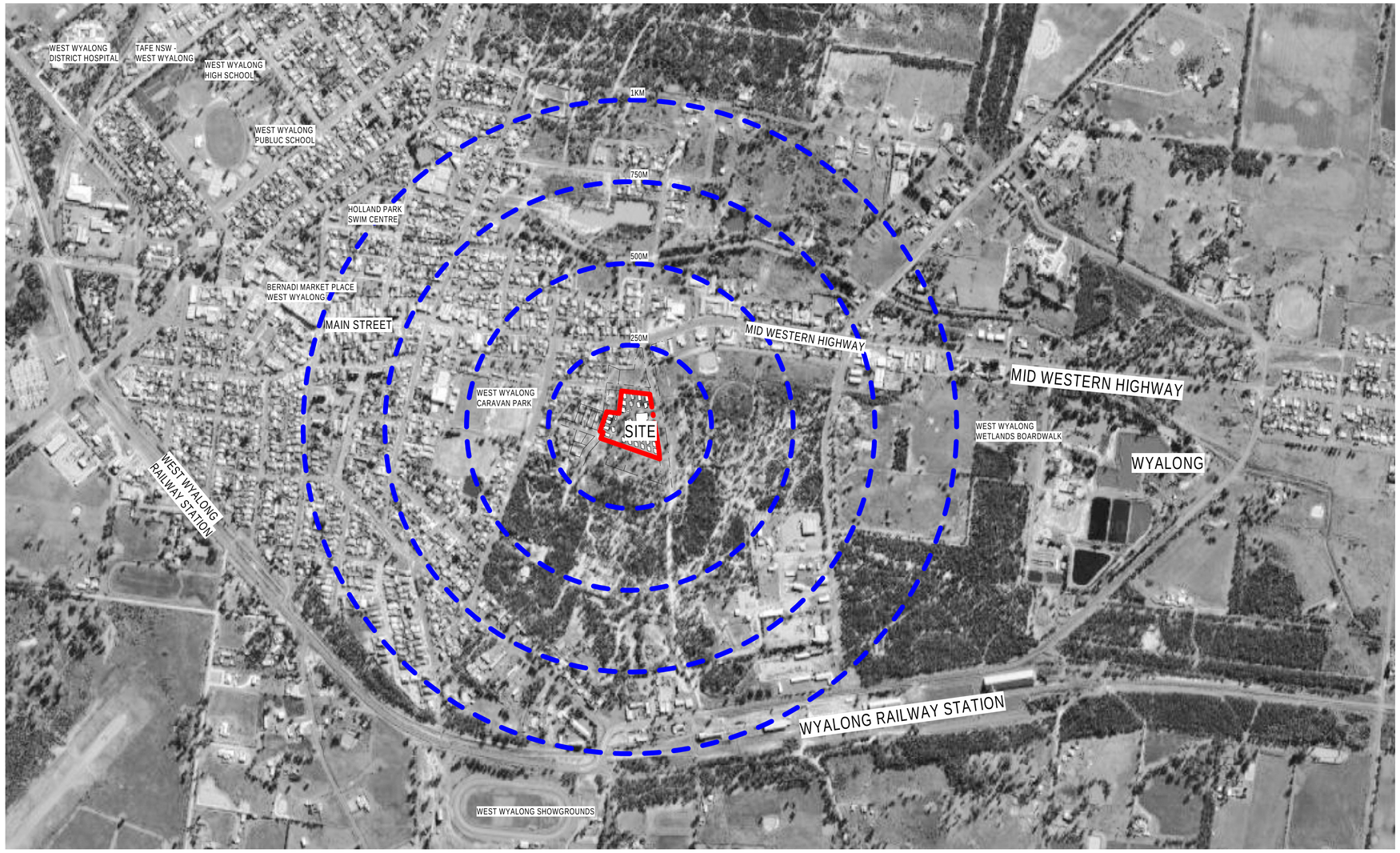

Drawing List - Development Application				
ML	No.:	SHEET NAME	DATE	REVISION
11985-	DA-0000	COVER PAGE & LOCATION PLAN & SCHEDULE OF DRAWING	26.03.21	A
11985-	DA-0111	SITE PLAN - GROUND LEVEL	14.04.21	A
11985-	DA-0112	SITE PLAN - ROOF LEVEL	14.04.21	A
11985-	DA-0113	SITE STAGING PLAN	14.04.21	A
11985-	DA-0121	SITE PLAN - EXISTING & DEMOLITION PLAN	26.03.21	A
11985-	DA-0201	SITE ELEVATION - STREET ELEVATIONS	16.04.21	A
11985-	DA-1101	COMMON BUILDINGS - GENERAL ARRANGEMENT PLAN - GROUND	26.03.21	A
11985-	DA-1102	COMMON BUILDINGS - GENERAL ARRANGEMENT PLAN - ROOF	26.03.21	A
11985-	DA-1201	COMMON BUILDINGS - ELEVATIONS - SHEET 1	14.04.21	A
11985-	DA-1202	COMMON BUILDINGS - ELEVATIONS - SHEET 2	14.04.21	A
11985-	DA-2101	OPERATIONS MODULE - STANDARD - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS	16.04.21	A
11985-	DA-2111	OPERATIONS MODULE - STANDARD - CONFIGURATION TYPE 2 - PLANS & ELEVATIONS	16.04.21	A
11985-	DA-3101	OPERATIONS MODULE - ACCESSIBLE - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS	16.04.21	A
11985-	DA-4101	CONSTRUCTION MODULE - STANDARD - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS	16.04.21	A
11985-	DA-5101	LAUNDRY MODULE - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS	14.04.21	A

The following plans/drawings have been prepared for the use of Evolution Mining and the West Wyalong Local Aboriginal Land Council.

EVOLUTION MINING WEST WYALONG

11985-DA-0000

DEVELOPMENT APPLICATION

APRIL 2021

ACCOMMODATION LEGEND

- OPERATIONS ACCOMODATION - TYPE 1
- OPERATIONS ACCOMODATION - TYPE 2
- OPERATIONS ACCESSIBLE ACCOMODATION
- CONSTRUCTION ACCOMODATION
- OUTDOOR EATING AREA
- LAUNDRY & BIN STORE MODULES
- COMMUNAL AMENITIES MODULES

ACCOMODATION SUMMARY.

CONSTRUCTION UNITS	(96)
CONSTRUCTION MODULES	(24)
OPERATIONS UNITS	(72)
OPERATIONS MODULES	(24)
OPERATIONS ACCESSIBLE UNITS	(8)
OPERATIONS ACCESSIBLE MODULES	(4)
TOTAL UNITS	(176)
TOTAL MODULES	(52)
LAUNDRY UNITS 1 PER 44 ROOMS (9 WASHING MACHINES, 9 DRYERS, 4 TUBS AND 44 STORAGE LOCKERS)	(4)
OUTDOOR EATNG 1 PER 44 ROOMS (COVERED AREA FOR 4 TABLES WITH 6 CHAIRS)	(4)

CARPAKING

STANDARD	(51)
ACCESSIBLE	(6)
VISITOR	(6)
VISITOR ACCESSIBLE	(2)
SPILLOVER	(30)
TOTAL	(95)

SYMBOL LEGEND

- EXISTING TREE (TO BE RETAINED AND PROTECTED DURING CONSTRUCTION)
- PROPOSED NEW TREES (TO LANDSCAPE ARCHITECTS DETAILS)
- PROPOSED STREET LIGHT (TO ELECTRICAL ENGINEER'S DETAILS)

1 Site Plan Ground
1 : 500

FOR DEVELOPMENT APPLICATION

Client: Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	14.04.21

Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 10000 25000

Drawing Title:
SITE PLAN - GROUND LEVEL

Author:	Checker:	Sheet Size:	Scale:
JB	GL	A1	1:500

Drawing Number: **11985-DA-0111**
Issue: **A**

nettletontribe
nettleton tribe partnership pty ltd ABN 58 161 683 122
117 Willoughby Road, Crows Nest, NSW 2065
t +61 2 9431 6431
e: sydney@nettletontribe.com.au w: nettletontribe.com.au

1 Site Plan Roof
1 : 500

FOR DEVELOPMENT APPLICATION

Client

Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	14.04.21

Project Manager

CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 10000 25000

Drawing Title:
SITE PLAN - ROOF LEVEL

Author:	Checker:	Sheet Size:	Scale:
JB	GL	A1	1:500

Drawing Number: **11985-DA-0112**

Issue: **A**

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1 Site Staging Plan
1 : 500

STAGING LEGEND

- STAGE 1
  - 42 OPERATIONS UNITS,
  - 8 ACCESSIBLE UNITS
- STAGE 2
  - 30 OPERATIONS UNITS
  - 16 CONSTRUCTIONS UNITS
- STAGE 3
  - 80 CONSTRUCTIONS UNITS
- STAGE 4
  - GYMNASIUM & MULTIPURPOSE COURT

ACCOMMODATION LEGEND

- OPERATIONS ACCOMODATION - TYPE 1
- OPERATIONS ACCOMODATION - TYPE 2
- OPERATIONS ACCESSIBLE ACCOMODATION
- CONSTRUCTION ACCOMODATION
- OUTDOOR EATING AREA
- LAUNDRY & BIN STORE MODULES
- COMMUNAL AMENITIES MODULES

FOR DEVELOPMENT APPLICATION

Client: Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	14.04.21

Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 10000 25000

Drawing Title:
SITE STAGING PLAN

Author:	Checker:	Sheet Size:	Scale:
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Drawing Number: **11985-DA-0113**
Issue: **A**

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TO BE CONFIRMED SUBJECT TO SITE VERIFICATION

BOUNDARY BASED ON MONTEATH & POWYS SURVEYORS INFORMATION

PLAN REF:
SURVEYORS REFERENCE 20/0732
VERSION 3
DATE: 03/02/2020
CAD REFERENCE : 11985_Survey_200732A_03

HYDE STREET

16 HYDE ST

14 HYDE ST
1059/DP 753135

EXISTING FILL MOUND TO BE REMOVED SHOWN DASHED TO CIVIL ENGINEER'S DETAIL

BOUNDARY

31 CEDAR ST

29 CEDAR ST

27 CEDAR ST

25 CEDAR ST

HYDE LANE

CEDAR STREET

28 CEDAR ST

26 CEDAR ST

ALEENA STREET

EXISTING FILL MOUND TO BE REMOVED SHOWN DASHED TO CIVIL ENGINEER'S DETAIL

20 CEDAR ST
1107/DP 753135

BOUNDARY STREET

DEMOLISHED TREES SHOWN DASHED

EXISTING FILL MOUND TO BE REMOVED SHOWN DASHED TO CIVIL ENGINEER'S DETAIL

DEMOLISHED TREES SHOWN DASHED

REFER TO CIVIL ENGINEER'S DETAILS FOR PROPOSED WORKS TO EXISTING INGROUND SERVICES.

EXISTING RING ROAD TO BE UPGRADED.
OUTER EDGE SHOWN DASHED TO BE DEMOLISHED

EXISTING UNSEALED INTERNAL DRIVEWAY SHOWN DASHED TO BE REMOVED

1 Demolition Plan
1 : 500

FOR DEVELOPMENT APPLICATION

Client
Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	26.03.21

Project Manager
CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 10000 25000

Drawing Title:
SITE PLAN - EXISTING & DEMOLITION PLAN

Author:	Checker:	Sheet Size:	Scale:
JB	GL	A1	1:500

Drawing Number: **11985-DA-0121**
Issue: **A**

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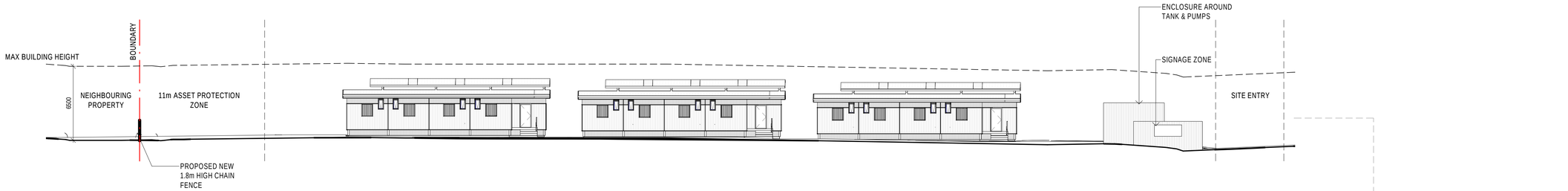
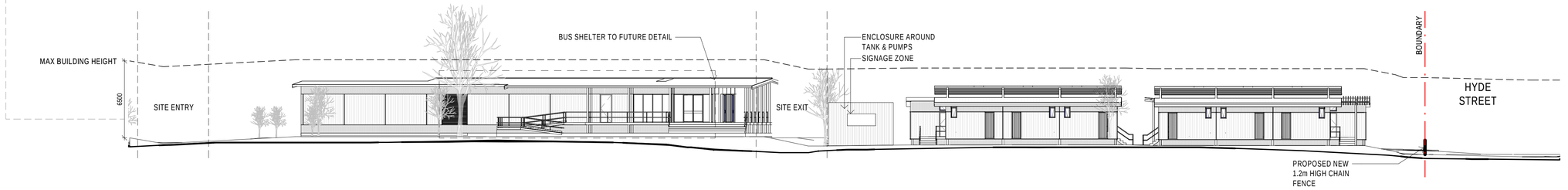
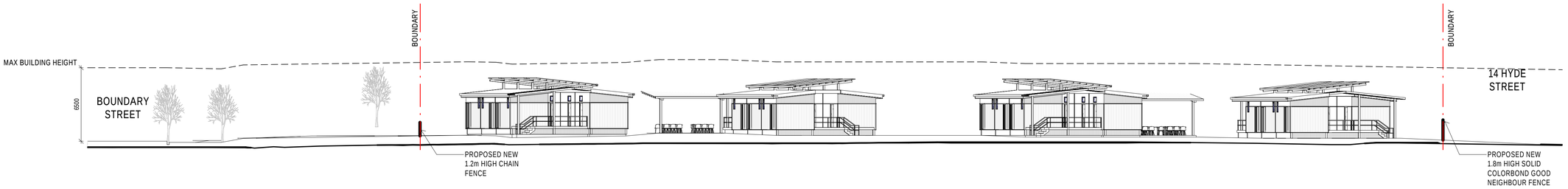
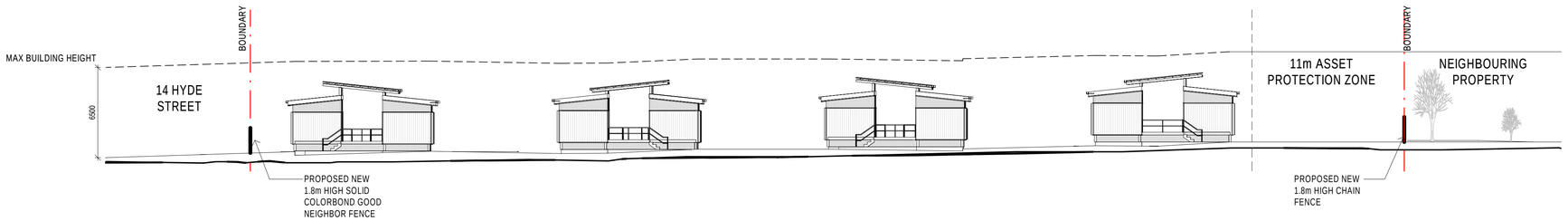


1 DA-0111 BOUNDARY STREET ELEVATION 1 : 200





2 DA-0111 HYDE STREET ELEVATION 1 : 200



3 DA-0111 HYDE LANE ELEVATION 1 : 200

FOR DEVELOPMENT APPLICATION

Client

Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	16.04.21

Project Manager

CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 4000 10000

Drawing Title:
SITE ELEVATION - STREET ELEVATIONS

Author:	Checker:	Sheet Size:	Scale:
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Drawing Number: **11985-DA-0201** Issue: **A**

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1 GENERAL ARRANGEMENT PLAN - GROUND
1 : 100

FOR DEVELOPMENT APPLICATION

Client: Evolution Mining

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	26.03.21

Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG
Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title: COMMON BUILDINGS-GENERAL ARRANGEMENT PLAN - GROUND

Author:	Checker:	Sheet Size:	Scale:
JB	GL	A1	1:100

Drawing Number: 11985-DA-1101 Issue: A

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1 GENERAL ARRANGEMENT PLAN - ROOF
1 : 100

FOR DEVELOPMENT APPLICATION

Client

Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	26.03.21

Project Manager

CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title:
COMMON BUILDINGS-GENERAL ARRANGEMENT PLAN - ROOF

Author: JB
Checker: GL
Sheet Size: A1
Scale: 1:100

Drawing Number: **11985-DA-1102**
Issue: **A**

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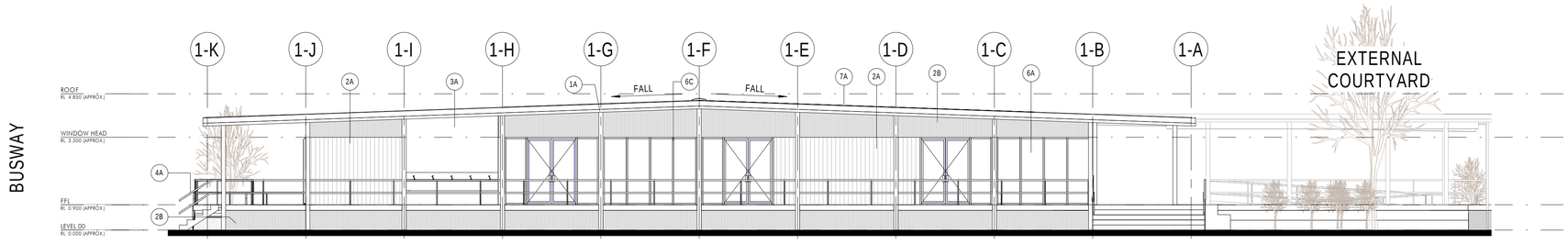
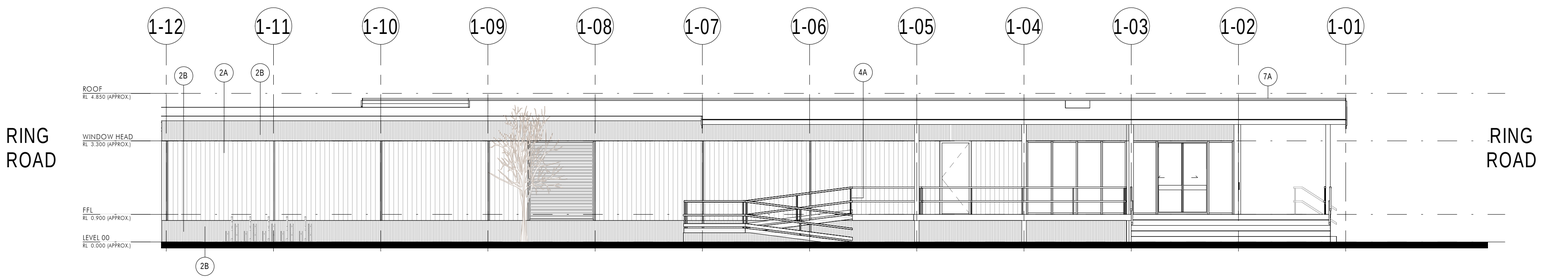
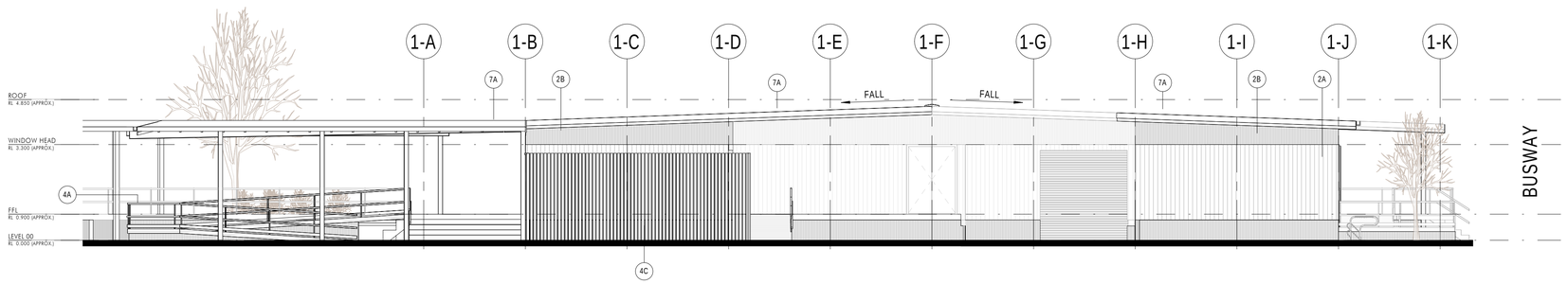


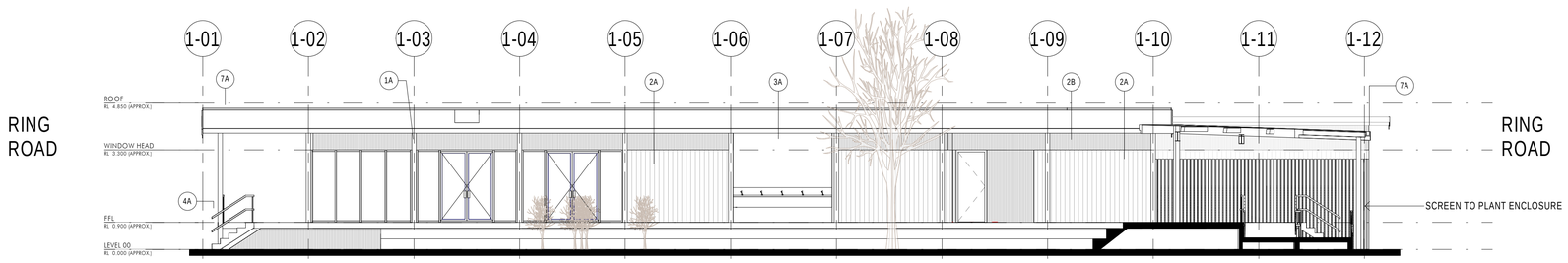
A DA-1101 BUILDING 1 NORTH ELEVATION
1 : 100



B DA-1101 BUILDING 1 EAST ELEVATION
1 : 100



C DA-1101 BUILDING 1 SOUTH ELEVATION
1 : 100



D DA-1101 BUILDING 1 WEST ELEVATION
1 : 100

FINISHES LEGEND

- 1A PAINT
- 1B PAINT
- 2A METAL CLADDING
- 2B METAL CLADDING
- 2C CAPPINGS, MOULDS & FLASHINGS
- 2D CAPPINGS, MOULDS & FLASHINGS
- 3A COMPRESSED FIBRE CEMENT WALL CLADDING
- 3B COMPRESSED FIBRE CEMENT SOFFIT CLADDING
- 4A BALUSTRADE
- 4B PRIVACY SCREEN
- 4C PRIVACY SCREEN
- 5A RENDER
- 6A GLASS
- 6B WINDOW FRAMES
- 6C WINDOW SHROUD
- 6D VERTICAL LOUVRE SUNSHADE
- 6E MECHANICAL LOUVRE
- 6F ROLLER DOOR
- 7A METAL DECK ROOF
- 7B CAPPINGS, MOULDS, FLASHINGS, GUTTERS AND DOWNPIPES
- 7D TRANSLUCENT ROOF SHEETING
- 7E PERGOLA ROOF STRUCTURE
- 8A TIMBER DECKING MATERIAL

NOTE:

1. MODULAR CONSTRUCTION TO COMPLY WITH AS3959 & BUSHFIRE REPORT

FOR DEVELOPMENT APPLICATION

Client: Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	14.04.21

Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title:
COMMON BUILDINGS - ELEVATIONS - SHEET 1

Author:	Checker:	Sheet Size:	Scale:
JB	GL	A1	1:100

Drawing Number: **11985-DA-1201**
Issue: **A**

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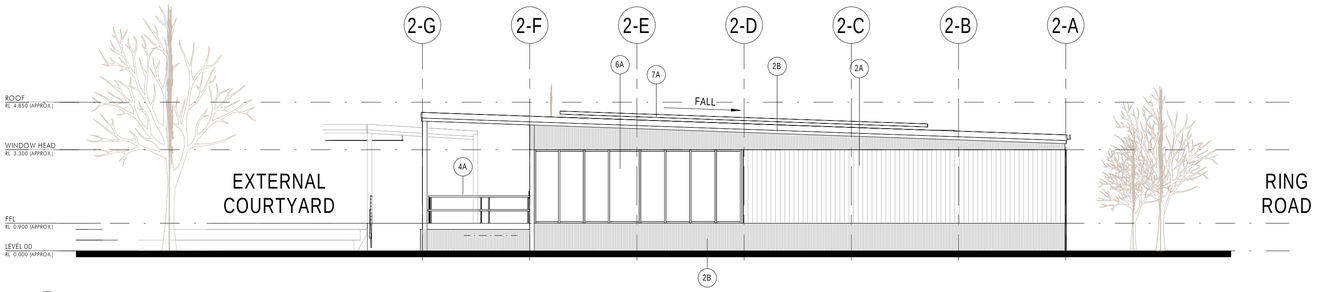
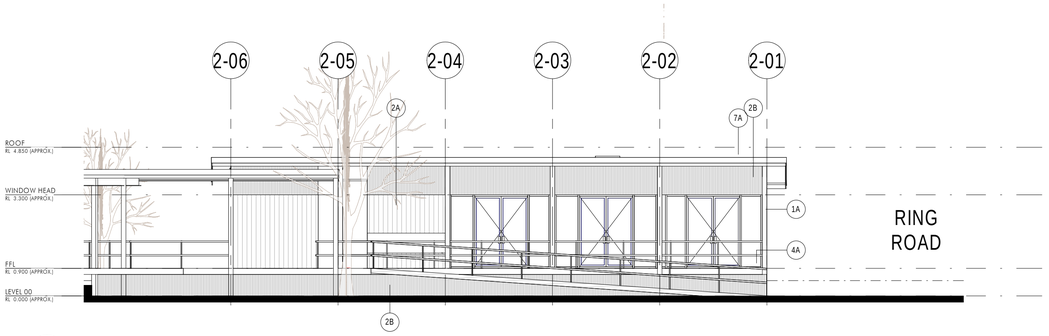
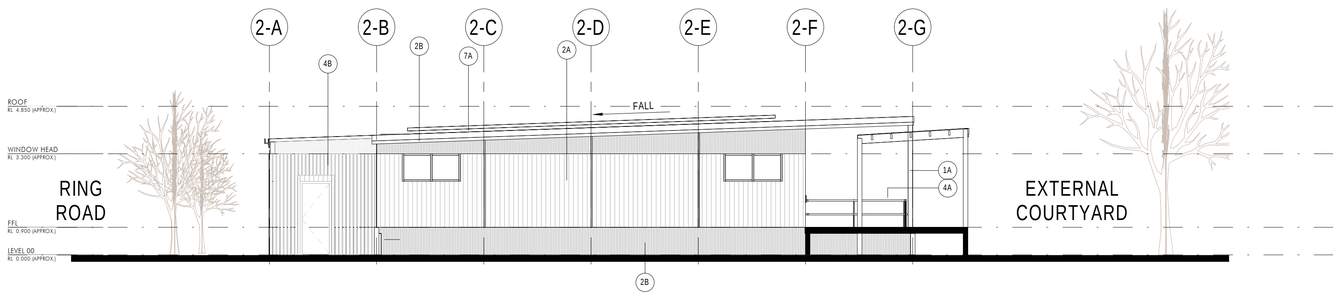


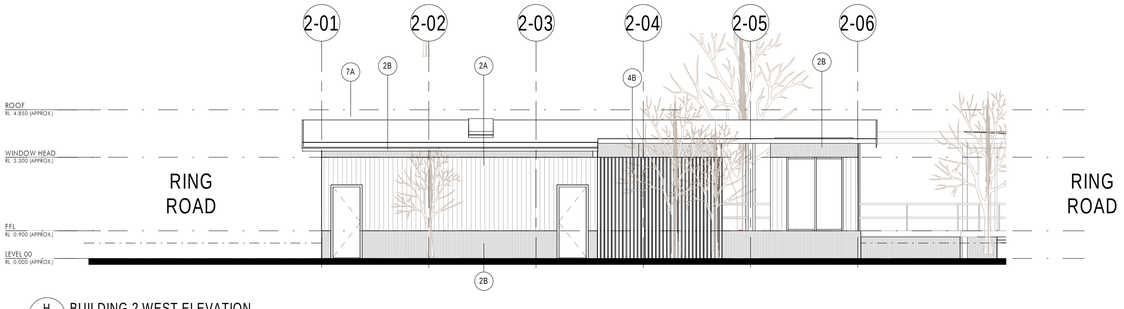
E BUILDING 2 NORTH ELEVATION
DA-1101 1 : 100



F BUILDING 2 EAST ELEVATION
DA-1101 1 : 100



G BUILDING 2 SOUTH ELEVATION
DA-1101 1 : 100



H BUILDING 2 WEST ELEVATION
DA-1101 1 : 100

FINISHES LEGEND

- 1A PAINT
- 1B PAINT
- 2A METAL CLADDING
- 2B METAL CLADDING
- 2C CAPPINGS, MOULDS & FLASHINGS
- 2D CAPPINGS, MOULDS & FLASHINGS
- 3A COMPRESSED FIBRE CEMENT WALL CLADDING
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- 8A TIMBER DECKING MATERIAL

NOTE:
1. MODULAR CONSTRUCTION TO COMPLY WITH AS3959 & BUSHFIRE REPORT

FOR DEVELOPMENT APPLICATION

Client
Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	14.04.21

Project Manager
CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title:
COMMON BUILDINGS - ELEVATIONS - SHEET 2

Author:	Checker:	Sheet Size:	Scale:
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Drawing Number: **11985-DA-1202** Issue: **A**

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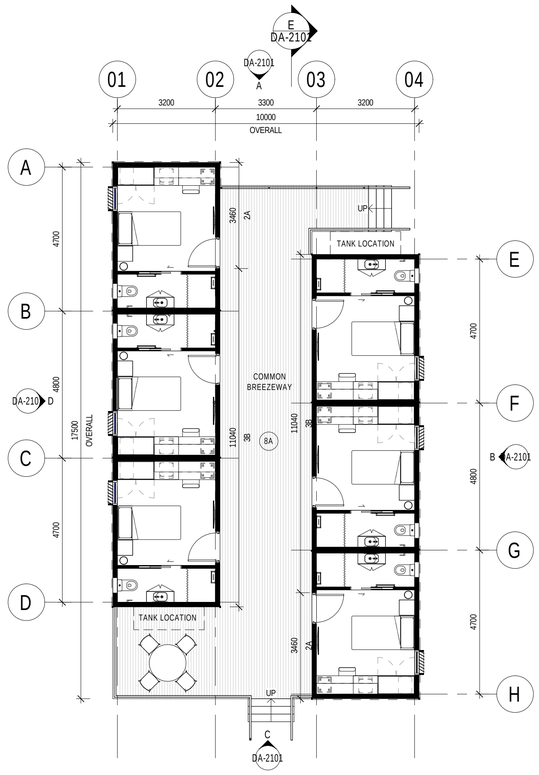
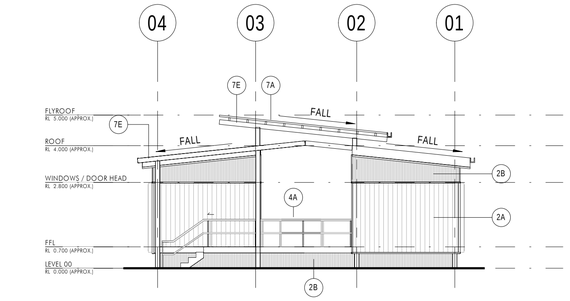
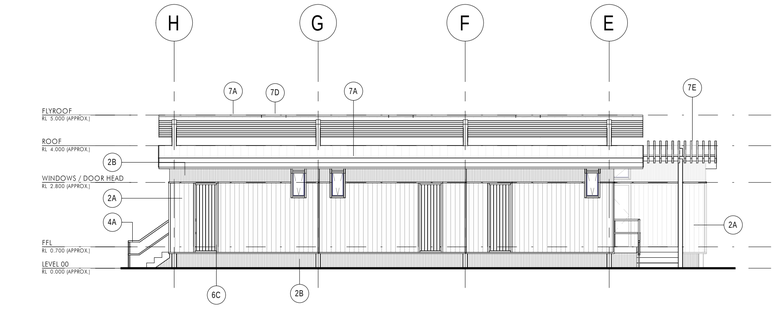


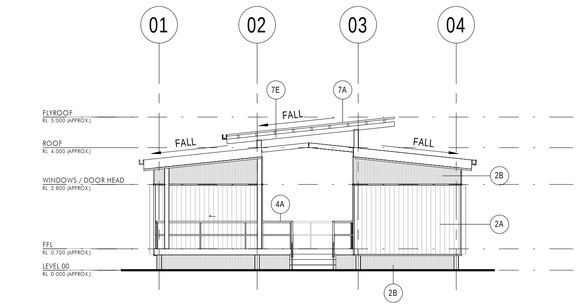
1 OPERATIONS CONFIGURATION - TYPE 1 - PLAN
1 : 100



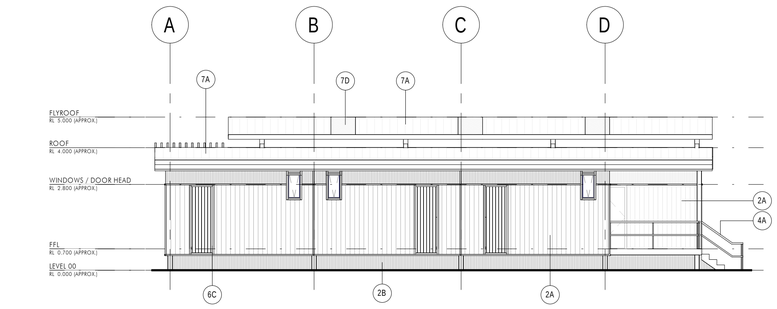
A OPERATIONS CONFIGURATION - TYPE 1 - ELEVATION A
DA-2101 1 : 100



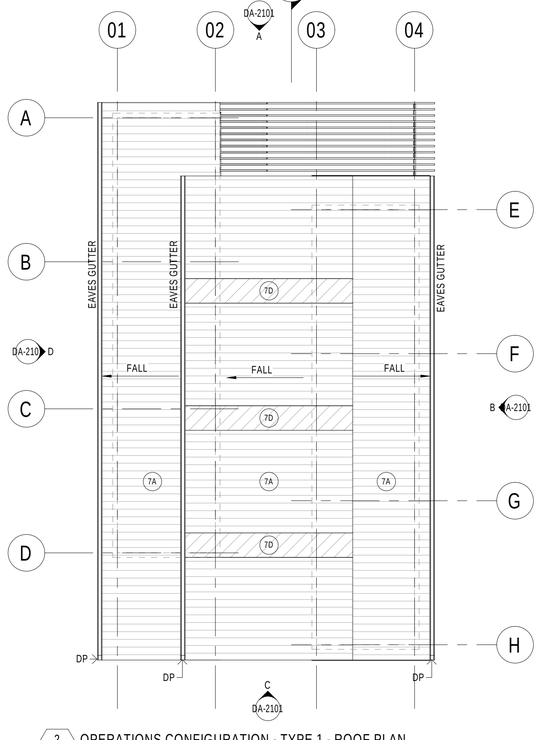
B OPERATIONS CONFIGURATION - TYPE 1 - ELEVATION B
DA-2101 1 : 100



C OPERATIONS CONFIGURATION - TYPE 1 - ELEVATION C
DA-2101 1 : 100



D OPERATIONS CONFIGURATION - TYPE 1 - ELEVATION D
DA-2101 1 : 100



2 OPERATIONS CONFIGURATION - TYPE 1 - ROOF PLAN
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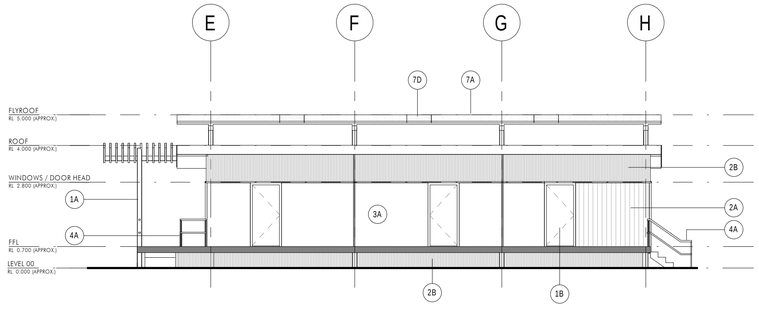

E OPERATIONS CONFIGURATION - TYPE 1 - SECTION
DA-2101 1 : 100

NOTE:

1. MODULAR CONSTRUCTION TO COMPLY WITH AS3959 & BUSHFIRE REPORT

FINISHES LEGEND

- 1A PAINT
- 1B PAINT
- 2A METAL CLADDING
- 2B METAL CLADDING
- 2C CAPPINGS, MOULDS & FLASHINGS
- 2D CAPPINGS, MOULDS & FLASHINGS
- 3A COMPRESSED FIBRE CEMENT WALL CLADDING
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- 4B PRIVACY SCREEN
- 4C PRIVACY SCREEN
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- 6F ROLLER DOOR
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- 7D TRANSLUCENT ROOF SHEETING
- 7E PERGOLA ROOF STRUCTURE
- 8A TIMBER DECKING MATERIAL

FOR DEVELOPMENT APPLICATION

Client: Evolution Mining

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	16.04.21

Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title:
OPERATIONS MODULE - STANDARD - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS

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Drawing Number: **11985-DA-2101**
Issue: **A**

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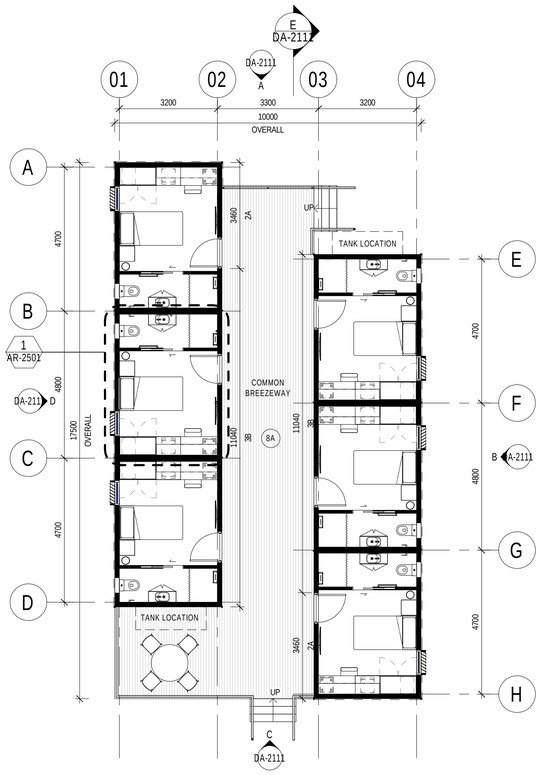

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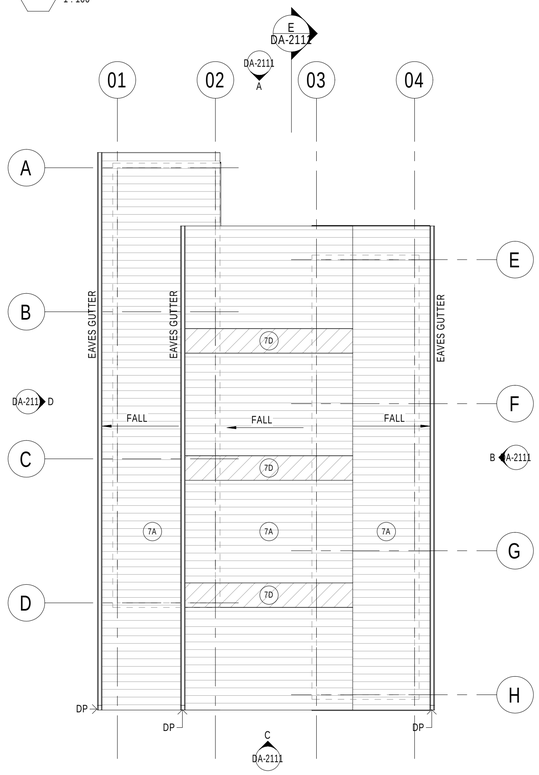

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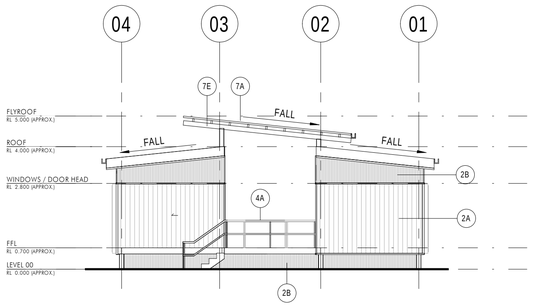

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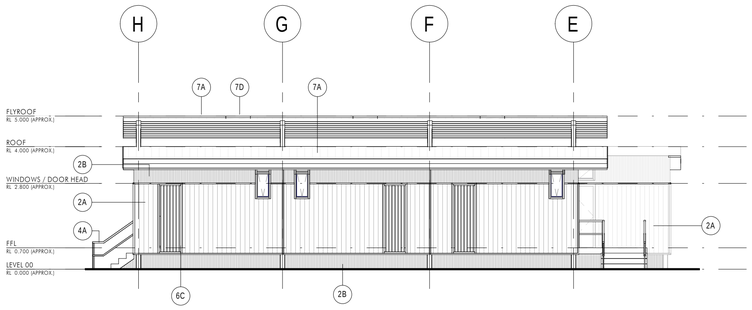

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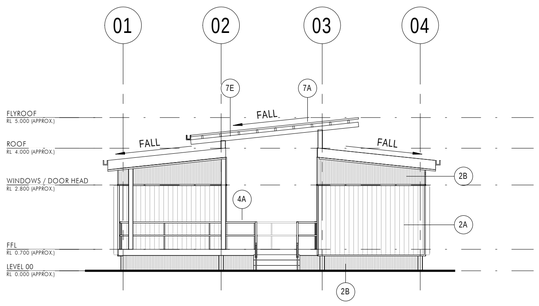

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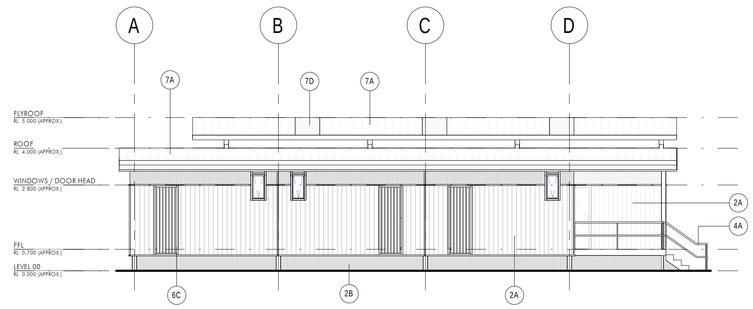

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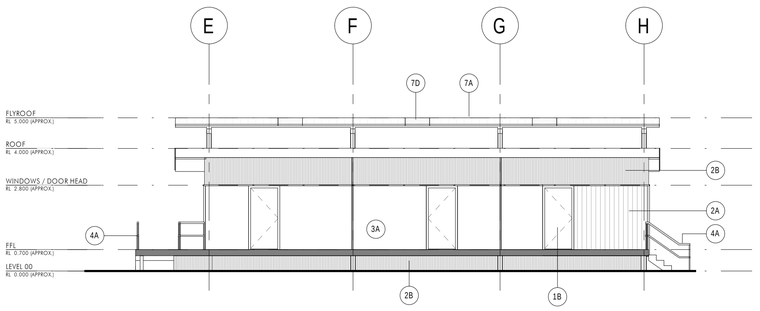

E OPERATIONS CONFIGURATION - TYPE 2 - SECTION
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NOTE:

1. MODULAR CONSTRUCTION TO COMPLY WITH AS3959 & BUSHFIRE REPORT

FINISHES LEGEND

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- 1B PAINT
- 2A METAL CLADDING
- 2B METAL CLADDING
- 2C CAPPINGS, MOULDS & FLASHINGS
- 2D CAPPINGS, MOULDS & FLASHINGS
- 3A COMPRESSED FIBRE CEMENT WALL CLADDING
- 3B COMPRESSED FIBRE CEMENT SOFFIT CLADDING
- 4A BALUSTRADE
- 4B PRIVACY SCREEN
- 4C PRIVACY SCREEN
- 5A RENDER
- 6A GLASS
- 6B WINDOW FRAMES
- 6C WINDOW SHROUD
- 6D VERTICAL LOUVRE SUNSHADE
- 6E MECHANICAL LOUVRE
- 6F ROLLER DOOR
- 7A METAL DECK ROOF
- 7B CAPPINGS, MOULDS, FLASHINGS, GUTTERS AND DOWNPIPES
- 7D TRANSLUCENT ROOF SHEETING
- 7E PERGOLA ROOF STRUCTURE
- 8A TIMBER DECKING MATERIAL

FOR DEVELOPMENT APPLICATION

Client

Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	16.04.21

Project Manager

CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title:
OPERATIONS MODULE - STANDARD - CONFIGURATION TYPE 2 - PLANS & ELEVATIONS

Author:	Checker:	Sheet Size:	Scale:
JB	GL	A1	1:100

Drawing Number: **11985-DA-2111**
Issue: **A**

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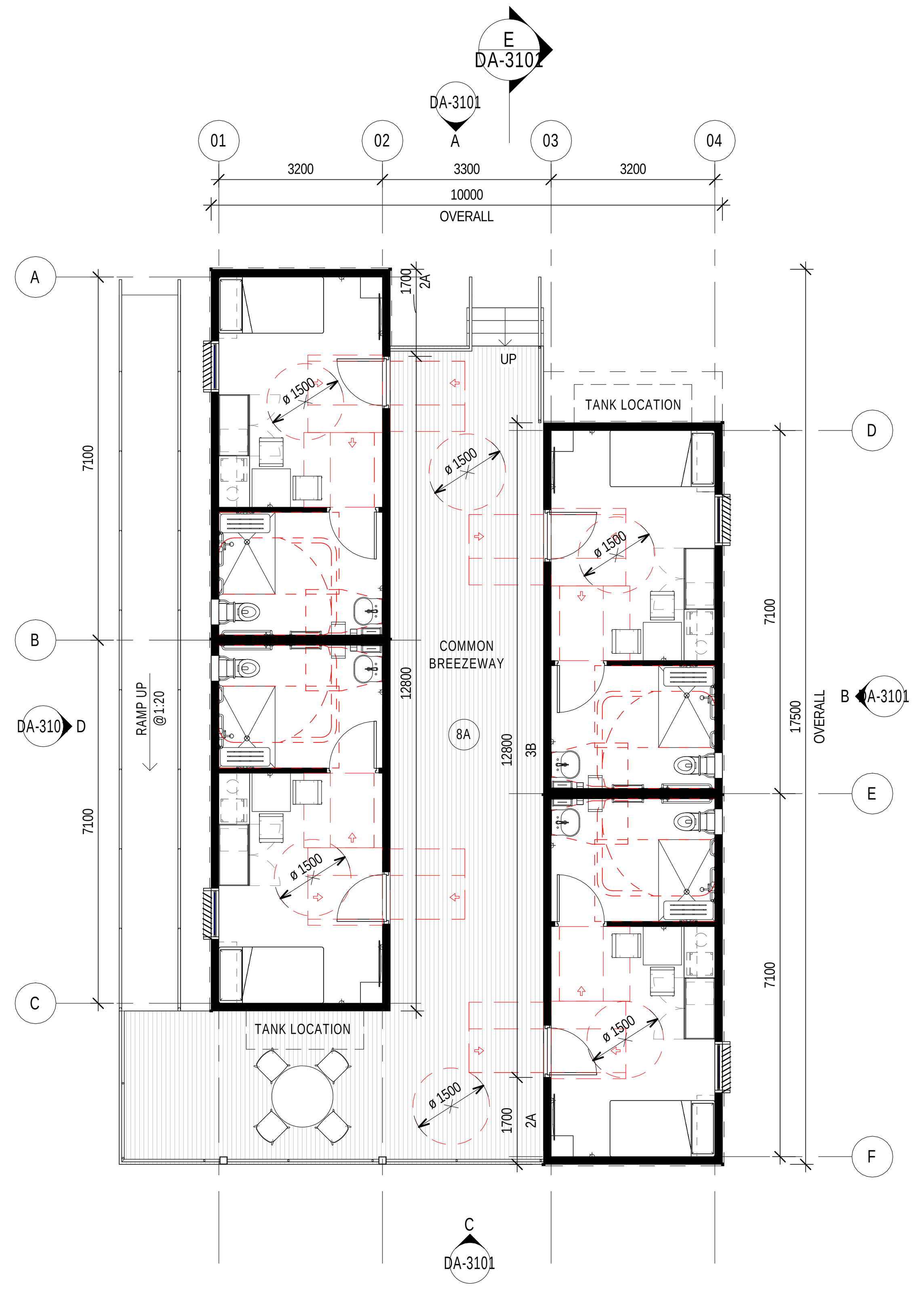

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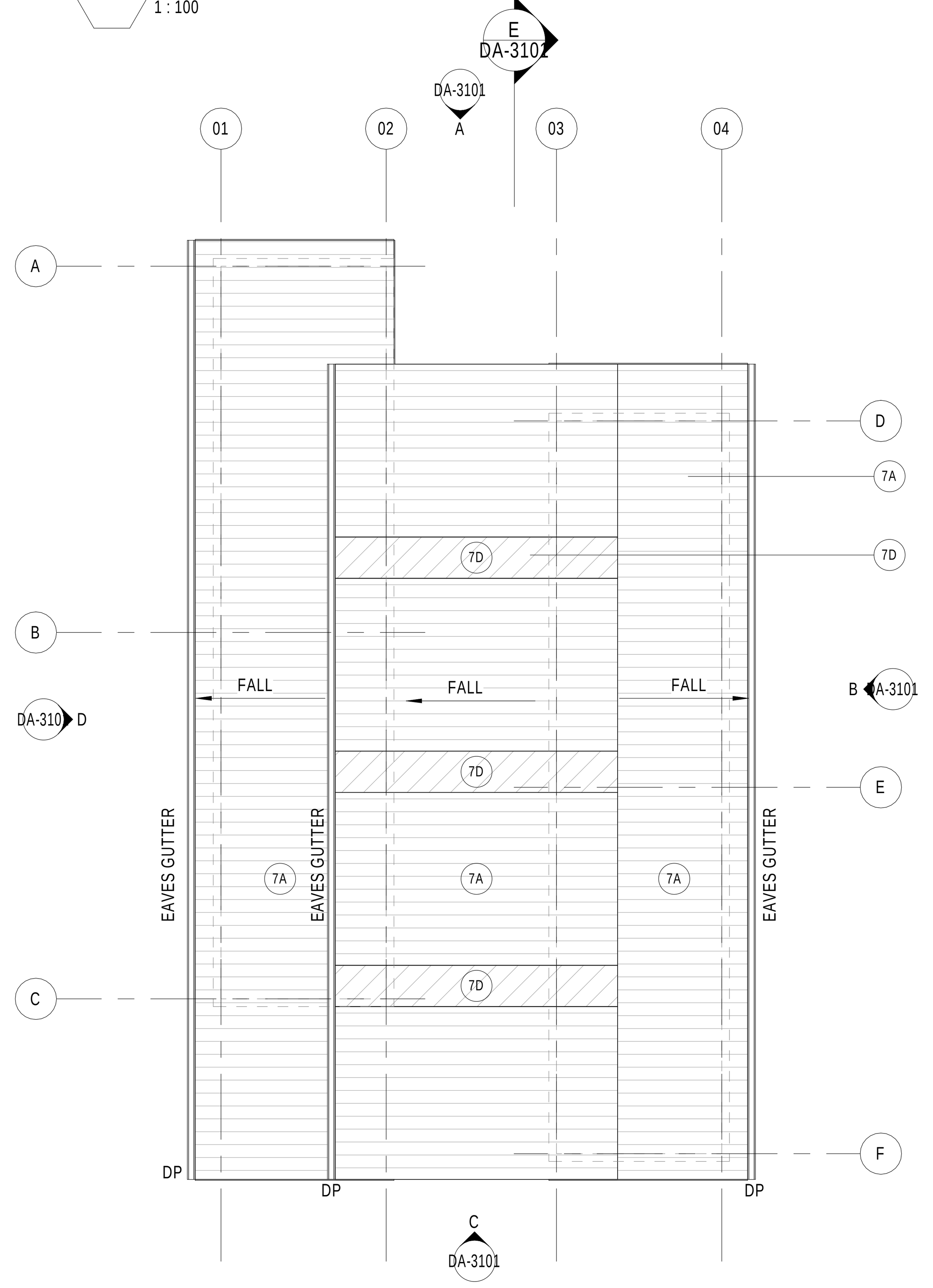

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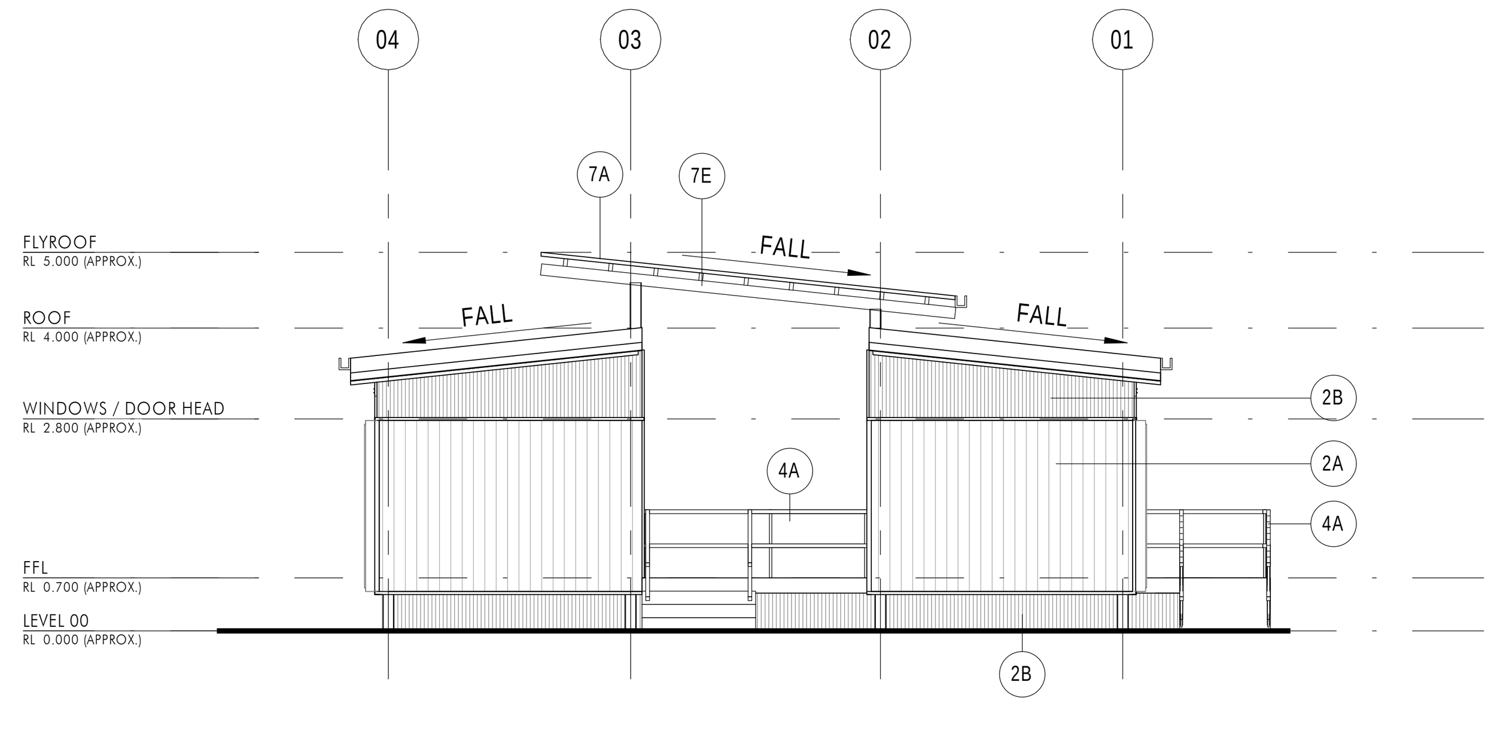

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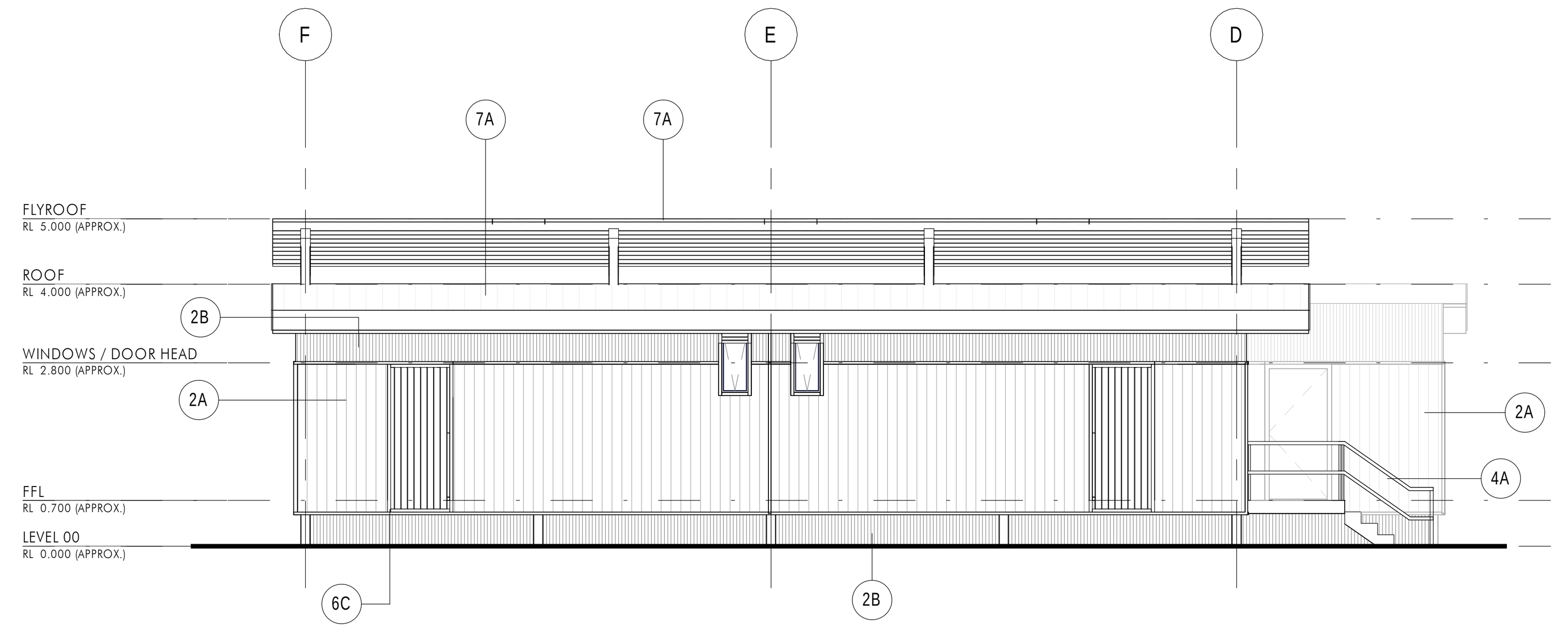

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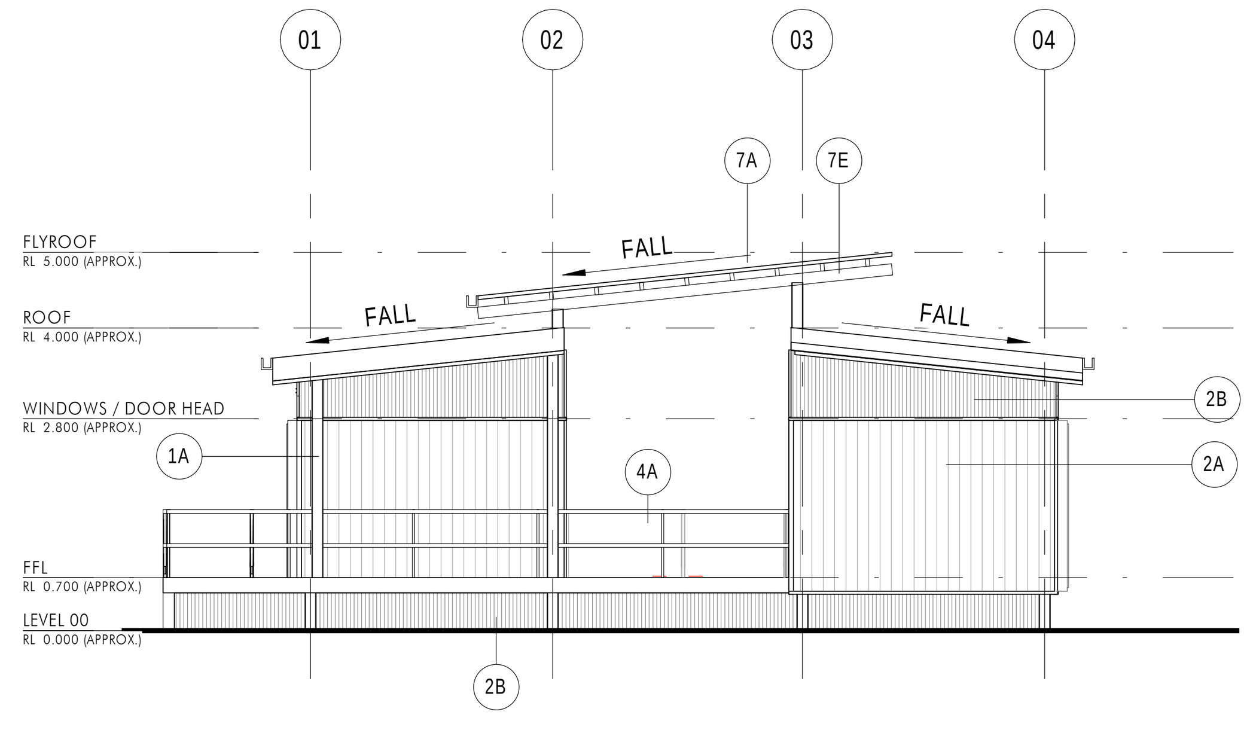

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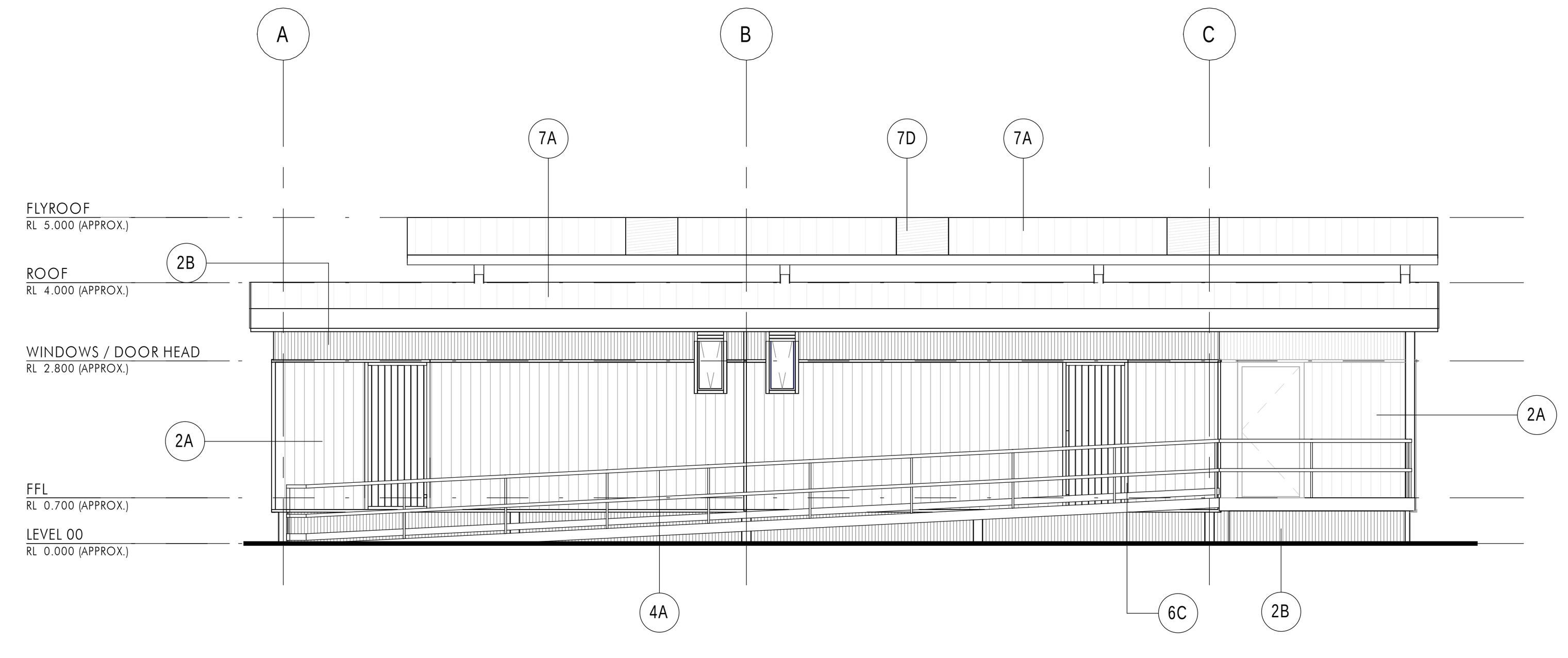

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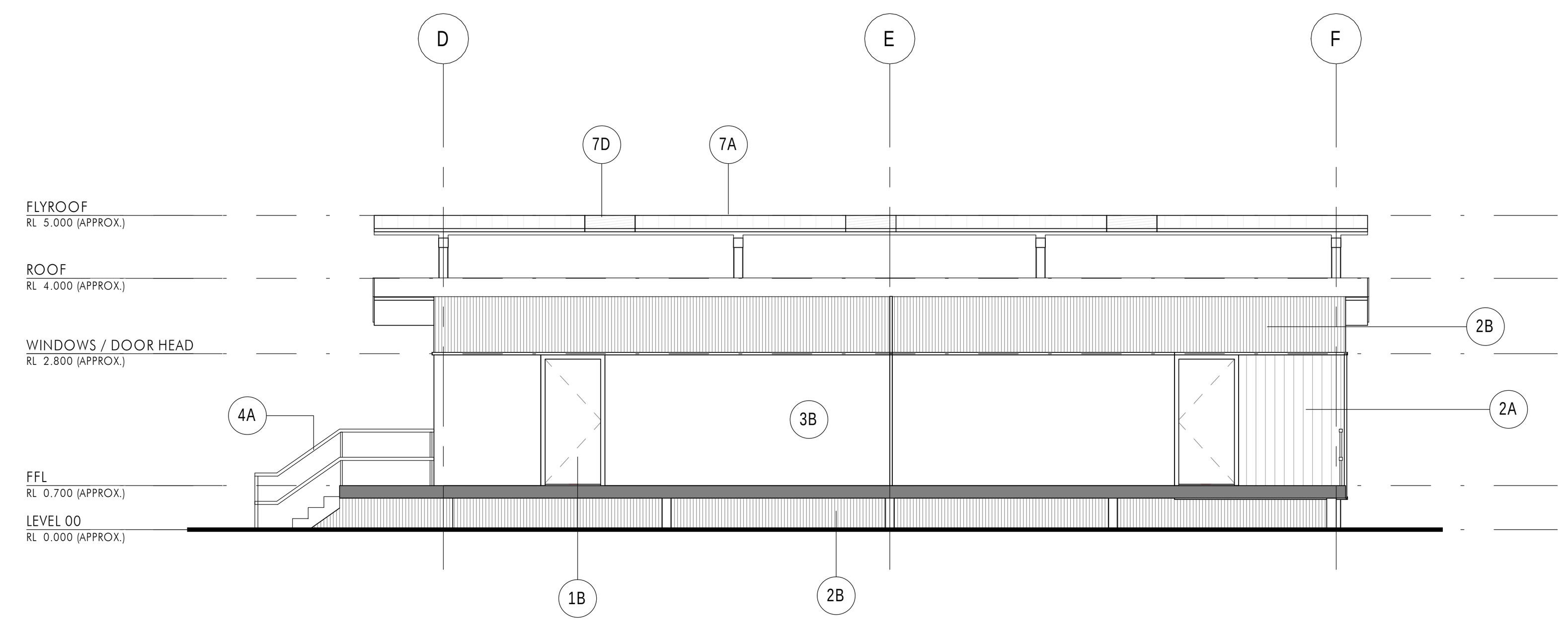

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FINISHES LEGEND

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1B	PAINT
2A	METAL CLADDING
2B	METAL CLADDING
2C	CAPPINGS, MOULDS & FLASHINGS
2D	CAPPINGS, MOULDS & FLASHINGS
3A	COMPRESSED FIBRE CEMENT WALL CLADDING
3B	COMPRESSED FIBRE CEMENT SOFFIT CLADDING
4A	BALUSTRADE
4B	PRIVACY SCREEN
4C	PRIVACY SCREEN
5A	RENDER
6A	GLASS
6B	WINDOW FRAMES
6C	WINDOW SHROUD
6D	VERTICAL LOUVRE SUNSHADE
6E	MECHANICAL LOUVRE
6F	ROLLER DOOR
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7D	TRANSLUCENT ROOF SHEETING
7E	PERGOLA ROOF STRUCTURE
8A	TIMBER DECKING MATERIAL

NOTE:
1. MODULAR CONSTRUCTION TO COMPLY WITH AS3959 & BUSHFIRE REPORT

FOR DEVELOPMENT APPLICATION

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Client: Evolution Mining

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	16.04.21

Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title:
OPERATIONS MODULE - ACCESSIBLE - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS

Author:	Checker:	Sheet Size:	Scale:
JB	GL	A1	1:100

Drawing Number: **11985-DA-3101** Issue: **A**

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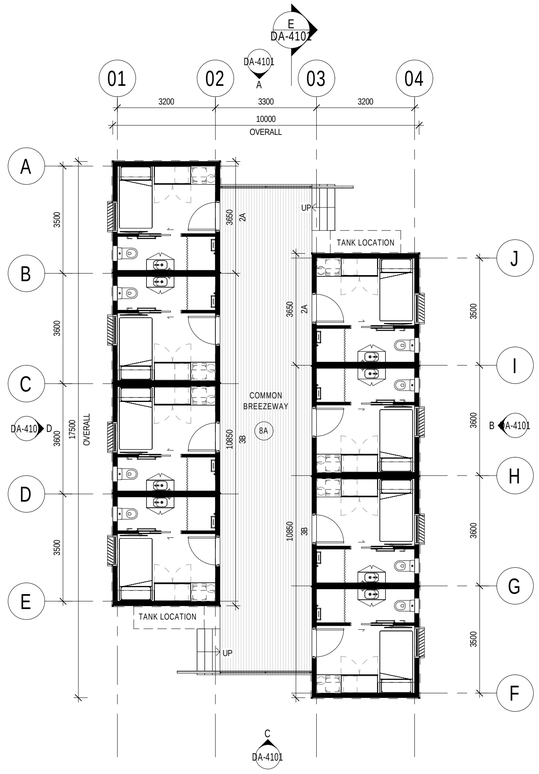

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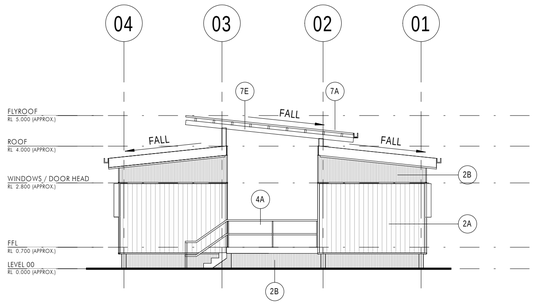

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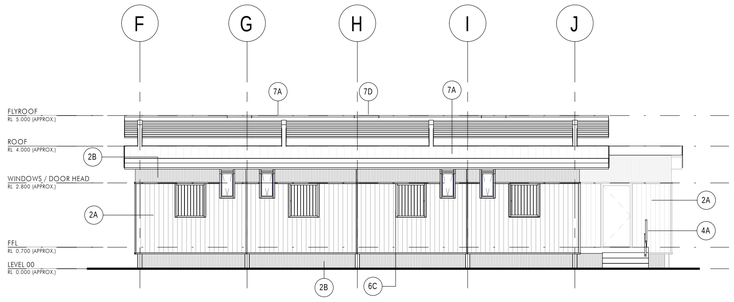

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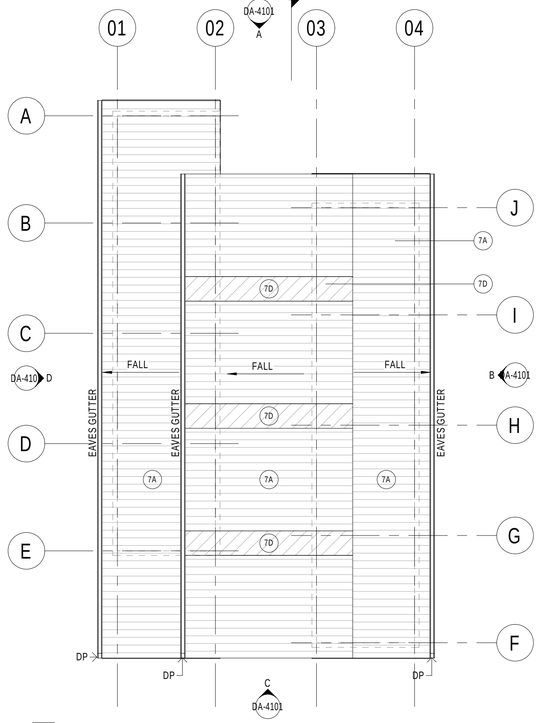

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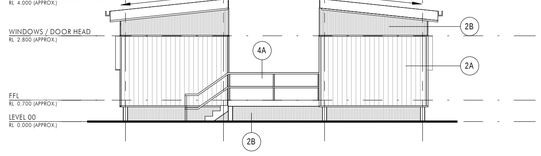

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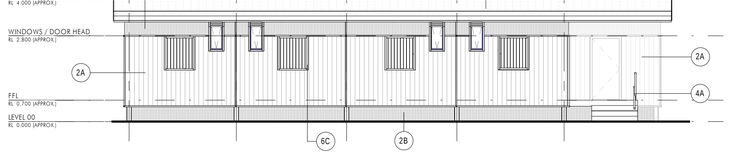

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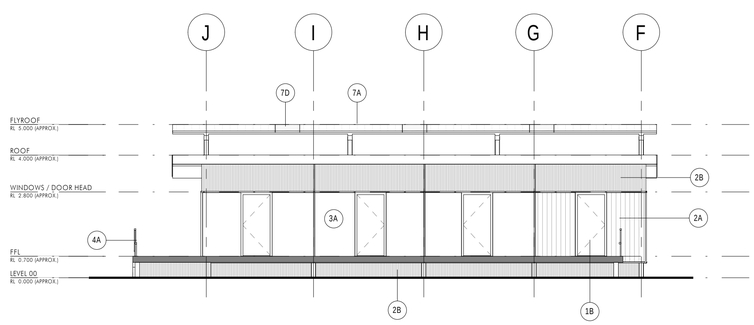

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NOTE:

1. MODULAR CONSTRUCTION TO COMPLY WITH AS3959 & BUSHFIRE REPORT

FINISHES LEGEND

1A	PAINT
1B	PAINT
2A	METAL CLADDING
2B	METAL CLADDING
2C	CAPPINGS, MOULDS & FLASHINGS
2D	CAPPINGS, MOULDS & FLASHINGS
3A	COMPRESSED FIBRE CEMENT WALL CLADDING
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8A	TIMBER DECKING MATERIAL

FOR DEVELOPMENT APPLICATION

Client
Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	16.04.21

Project Manager
CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title:
CONSTRUCTION MODULE - STANDARD - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS

Author:	Checker:	Sheet Size:	Scale:
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Drawing Number: **11985-DA-4101**
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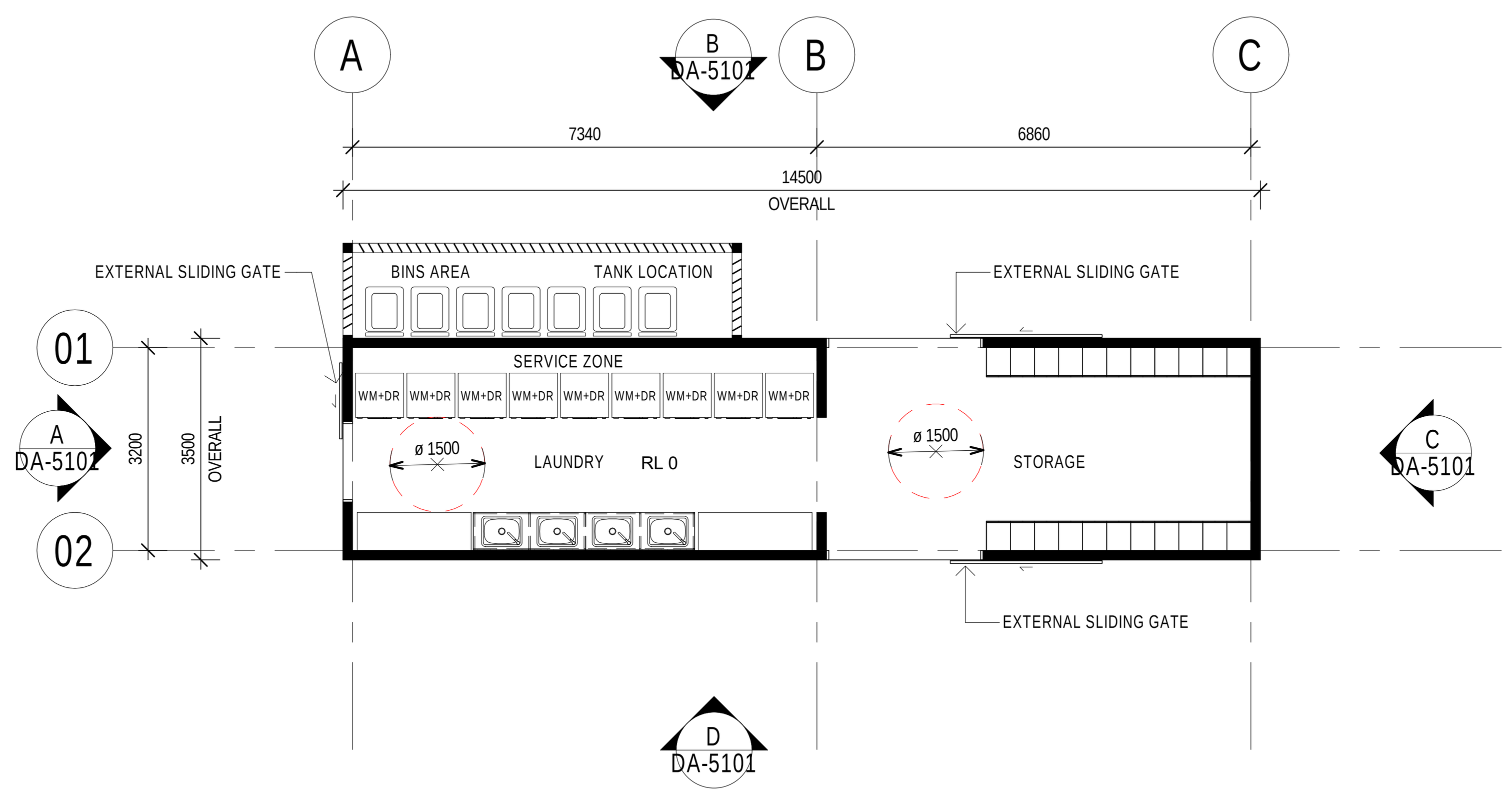

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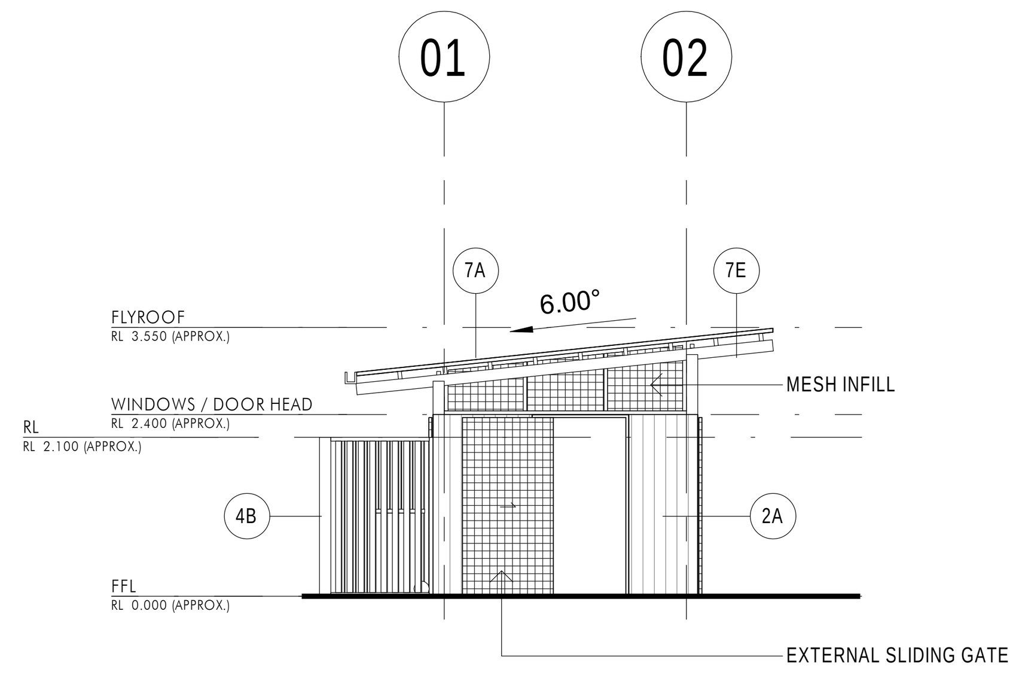

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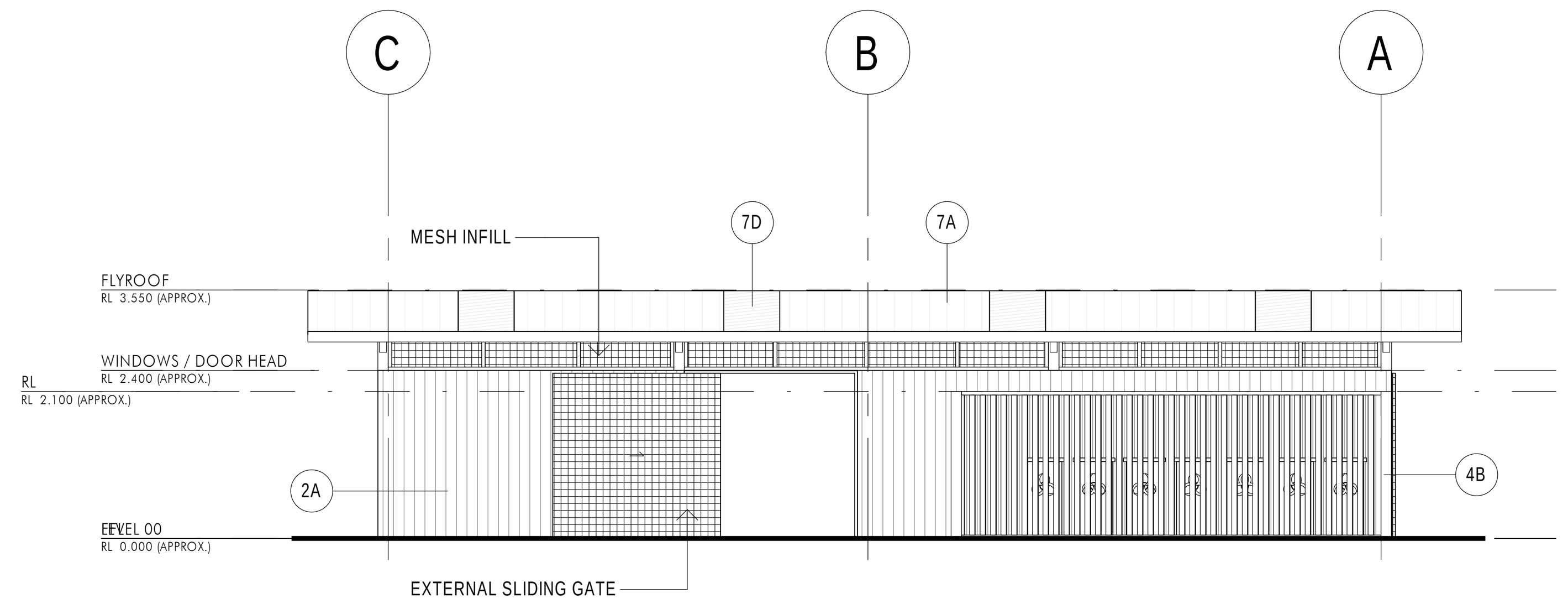

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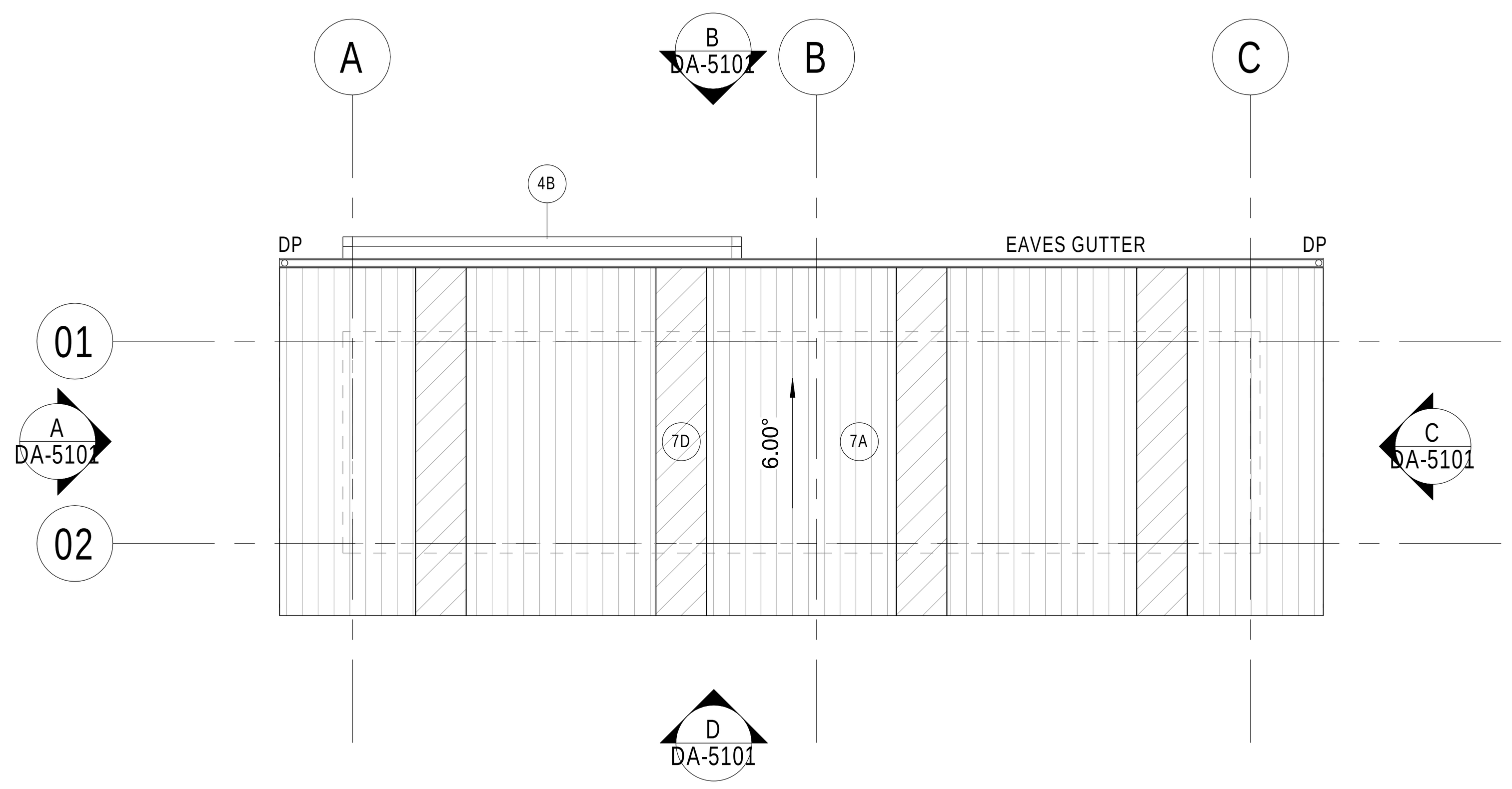

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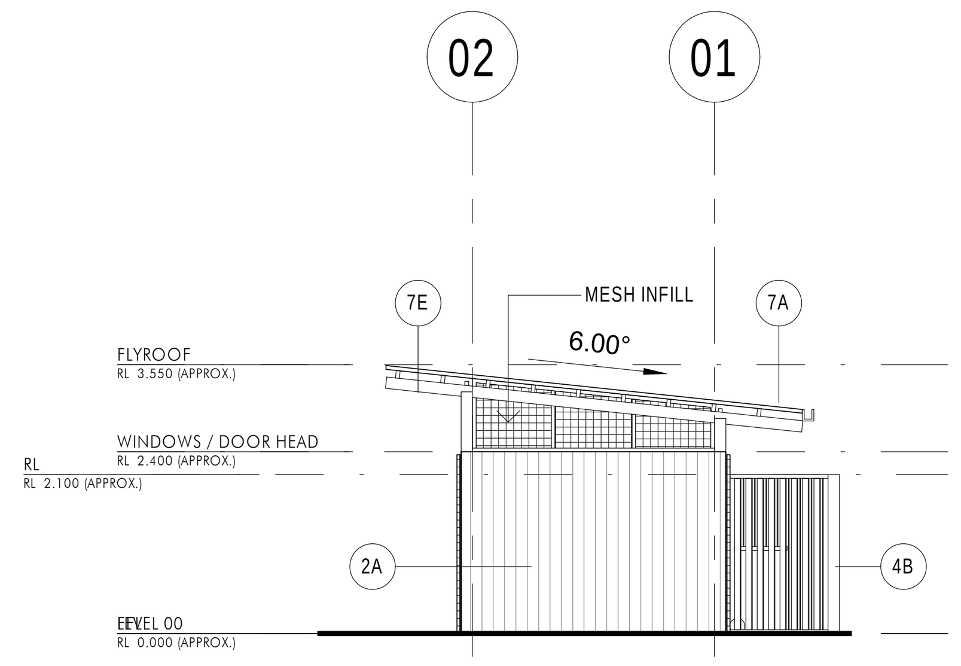

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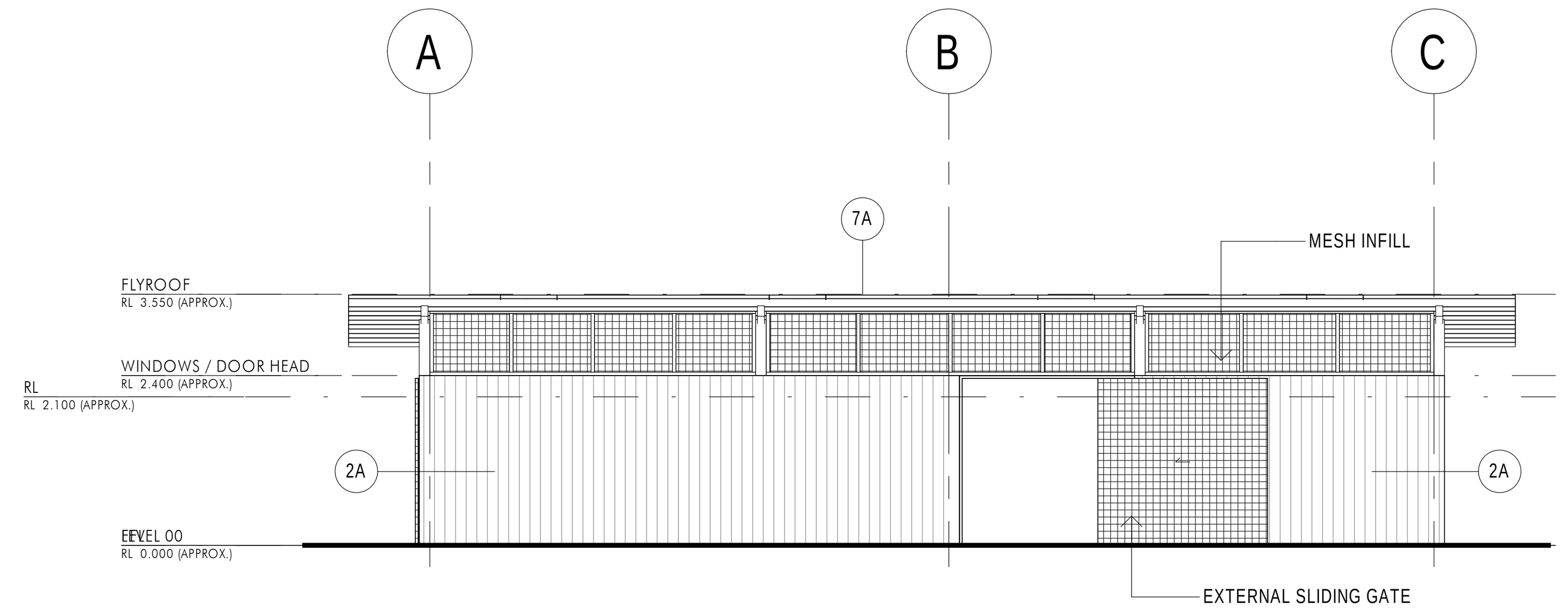

D DA-5101 LAUNDRY CONFIGURATION - TYPE 1 - ELEVATION D
1 : 100

FF&E BREAKDOWN

WASHING MACHINES (1 PER 5 PERSONS)	9
DRYERS (1 PER 5 PERSONS)	9
WASHTUBS (1 PER 11 PERSONS)	4
LOCKERS (1 PER 1 PERSON)	44
BINS (1 PER 7 PERSONS)	7

NOTE:
1. MODULAR CONSTRUCTION TO COMPLY WITH AS3959 & BUSHFIRE REPORT

FINISHES LEGEND

Code	Finish
1A	PAINT
1B	PAINT
2A	METAL CLADDING
2B	METAL CLADDING
2C	CAPPINGS, MOULDS & FLASHINGS
2D	CAPPINGS, MOULDS & FLASHINGS
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7E	PERGOLA ROOF STRUCTURE
8A	TIMBER DECKING MATERIAL

FOR DEVELOPMENT APPLICATION

Client: Evolution MINING

Issue	Description	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	14.04.21

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Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

Drawing Title: LAUNDRY MODULE - CONFIGURATION TYPE 1 - PLANS & ELEVATIONS

Author: JB | Checker: GL | Sheet Size: A1 | Scale: 1:100

Drawing Number: **11985-DA-5101** | Issue: **A**

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Appendix B

Landscape drawings

EMM
creating opportunities

Evolution MINING

ARCADIA

Cowal Gold Operations (CGO) Accommodation Village Project

Boundary Street, West Wyalong

Prepared for Evolution Mining
13 May 2021

ARCADIA

Issue D
Date 13/05/2021
Prepared By
Chris Tidswell, Principal Landscape Arcgitect
M.Land Arch M.Arch B.DesSt Dip.PM RAILA #001858
AILA National Director and Company Secretary

Prepared for the use of Evolution Mining and the West Wyalong Local Aboriginal Land Council

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Arcadia Landscape Architecture Pty Ltd
ABN 83 148 994 870

We respectfully acknowledge the Traditional Custodians of the lands where we live and work. We acknowledge their unique ability to care for Country and deep spiritual connection to it. We honour Elders past, present and emerging whose knowledge and wisdom has and will ensure the continuation of cultures and traditional practices.

Table of Contents

SECTION 1
Site Context + Analysis

Cowal Gold Operations (CGO) Accommodation Village Project Landscape Objectives

Landscape project aims and objectives

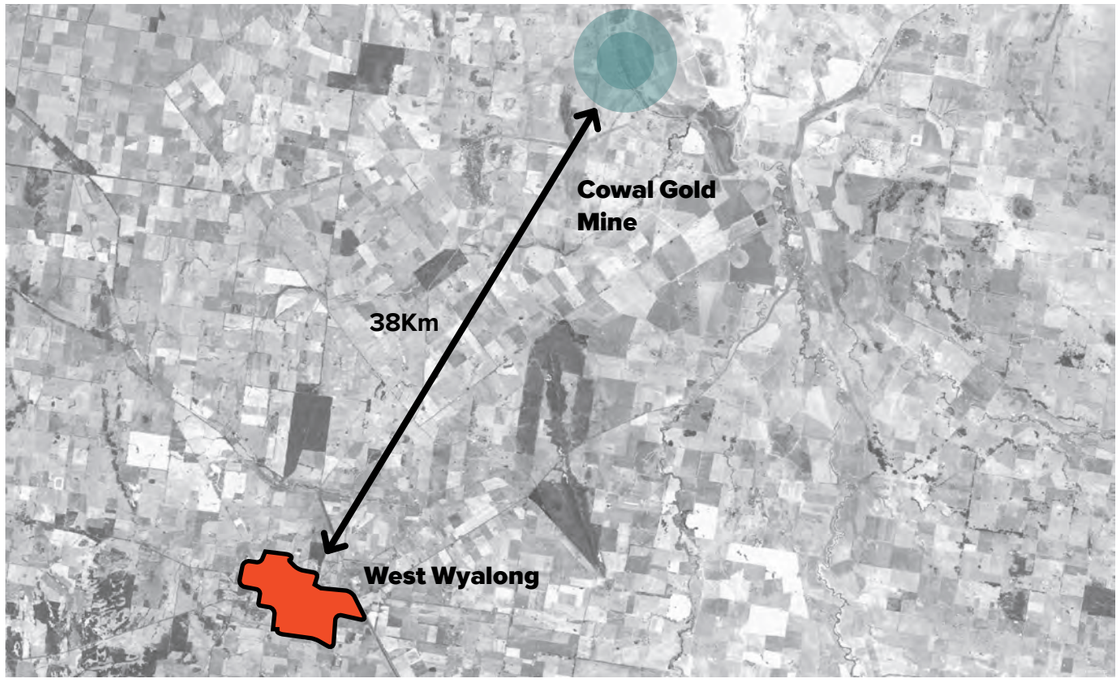
Cowal Gold Operations (CGO) Accommodation Village Project is proposed to be constructed at a site located off Boundary Street, West Wyalong.

The project supports the Cowal Gold Operations (CGO) to house employees and contractors that contribute to the Cowal Gold Operations (CGO) Mine.

The Landscape Design has three main objectives:

- To create a positive External **Experience** while living Accommodation VIllage
- To provide a **Inclusive** landscape design that encourages comfortable and safe movement around the site
- Ensure **Connections** are direct and functional between built elements

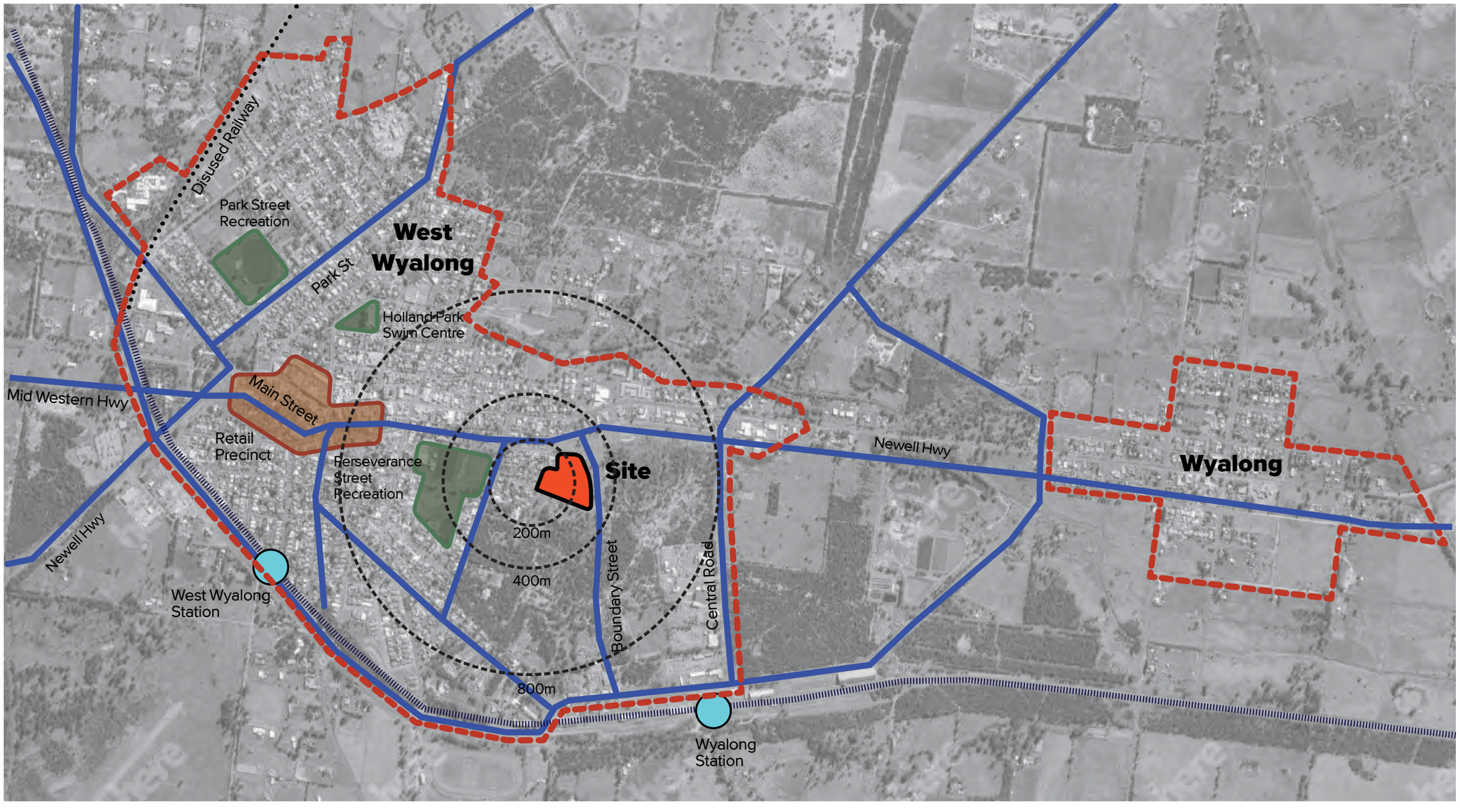
Image: Cowal Gold Operations (CGO) Mine



Local Landscape Context

Regional and local scales

Cowal Gold Operations (CGO) Accommodation VillagebProject is proposed to be constructed off Boundary Street 38km from Cowal Gold Operations (CGO) Mine and located within West Wyalong.



Local Historical Context

Regional and local scales

Indigenous History

The Wiradjuri people were the first to inhabitant this region.

Wiradjuri means “People of the three rivers” these being the Lachlan, Macquarie and Murrumbidgee rivers.

The Wiradjuri people generally moved around in small groups, using the river flats, open lands and waterways with some regularity through the seasons as indicated by debris that has accumulated in these areas.

Research shows that there was one basic language used by the Wiradjuri people, however, different smaller sub groups among Wiradjuri speakers had some words that belonged exclusively to their own clan.

Occupation of the land by the Wiradjuri can be seen by modified trees and campsite remainders. Carved trees are more commonly found around the Macquarie and Lachlan rivers. Campsites, which indicate seasonal occupation by small groups, have been found on river flats, open land and by the rivers.

Wiradjuri people moved around the country according to seasonal conditions
The Wiradjuri people cover one of the largest tribal areas in NSW from Nyngan to Albury and from Hay to Bathurst

European History

The town has a rich and colourful history despite the early assessment of explorer John Oxley when he passed through the area in 1817 and famously declared “from want of timber, grass and water, it would never be inhabited by civilised man”.

Fred Neeld’s discovery of gold in Wyalong in December 1893 soon proved Mr Oxley wrong.

As the population of Wyalong swelled, West Wyalong was gazetted and settled in 1895 around the old bullock track.

As a result, the crooked Main Street featured a number of curious kinks in the road, twists and turns which were put in place to avoid trees. It is those same original features which continue to give West Wyalong part of its character and charm.

When mining declined in the early 1900’s, West Wyalong became the main service centre for agriculture in the district.

Agriculture and mining remain the Bland Shire’s major industries today.

Gold was discovered by the Neeld brothers in 1893, when they were fencing on a selection for their brother George, over what is now the Wyalong township.

The father, Frederick, and the brothers prospected over the area and found it to be rich with gold.

By March 1894, about 12,000 people were on the field, with 12 big mines and several smaller ones operating.

At the turn of the century Wyalong produced more gold than any other field in the Colony.

Up to 1920, when the last mine closed 447,500 ounces had been won. Agriculture had by this time taken over and the Wyalong district then became one of the biggest cereal growing centres in NSW.

* Information from Bland Shire Council

Image of Indigenous Country

Example of European Heritage

5 National Australia Bank and former Bank of NSW Buildings

Monument & Tattersall’s Hotel

White Tank Hotel

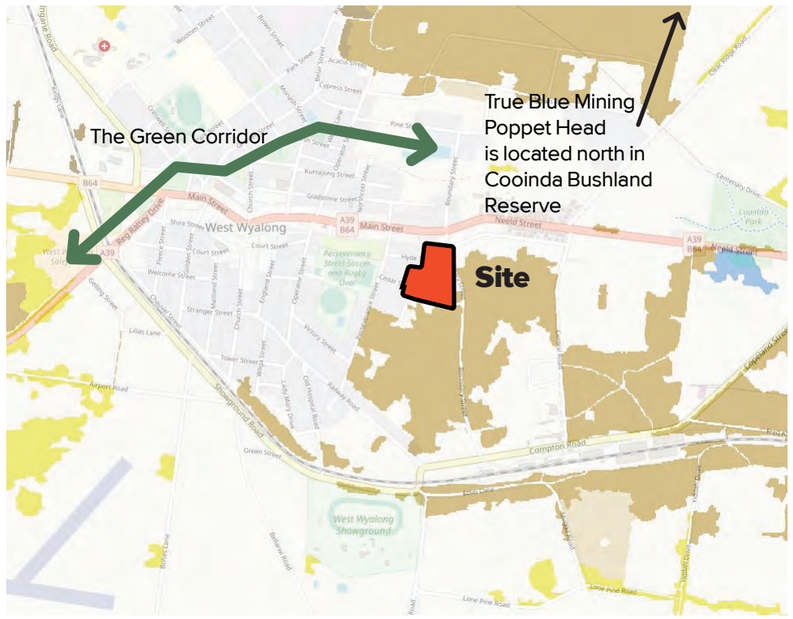
Local Landscape Character

Surroundings

The village site located on the border of West Wyalong about 3km to Wyalong. A monument to this gold mining past in the large replica True Blue Mining Poppet Head and miners hut located at a rest-stop park alongside the Newell Highway between Wyalong and West Wyalong. As a part of the council suggested heritage walking trial, The Green Corridor, a 4.4km walkway from West Wyalong to Wyalong takes visitors walking through numbers of parklands in the town. It provides the town stories from the gold mining past to the memories of the war who served to. The trees planted along West Wyalong Memorial Walk is an important part on the corridor to present the memory of the past war.

Across from the mining monument is The Wetlands, described by the local council as the Shire's best kept secret, it is a welcome sanctuary amongst a largely dry region. The Wetlands is a recognised bird watching area and there are picnic tables to sit and enjoy the surrounds.

True Blue Mining Poppet Head

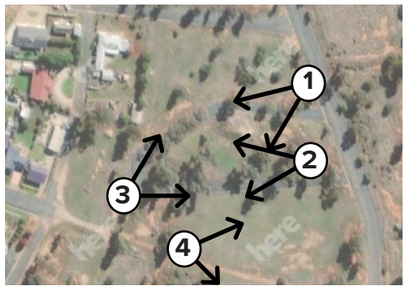


Existing Ecologies

West Wyalong (NSW South Western Slopes Bioregion) is predominantly blue mallee-bull mallee-green mallee very tall mallee shrubland
Typical Species Like (not limited too):

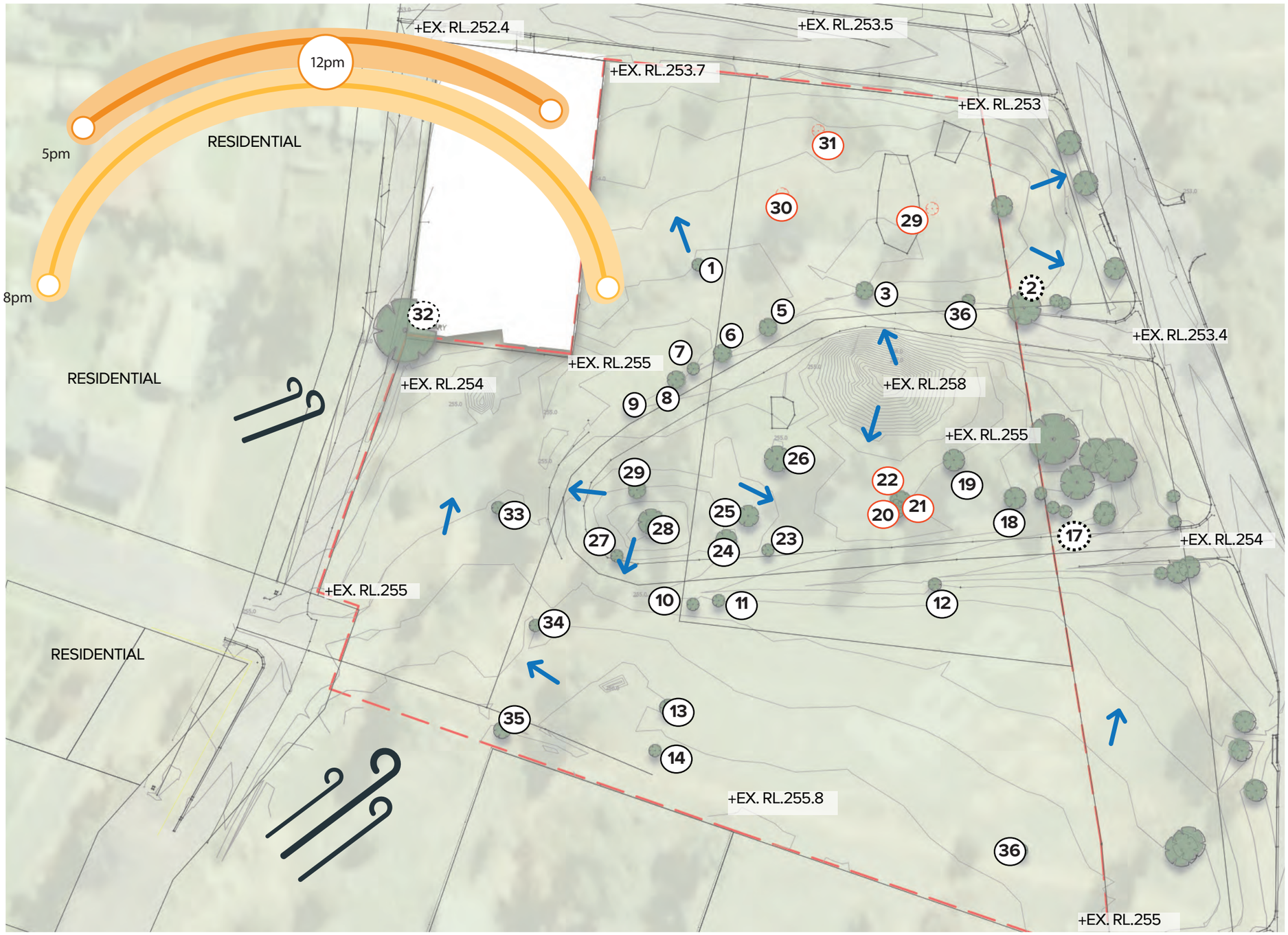
- Eucalyptus Dwyeri (Dwyer's red gum)
- Eucalyptus sideroxylon subsp. Sideroxylon
- Eucalyptus socialis
- Eucalyptus microcarpa
- Eucalyptus Viridis (Green Mallee)
- Melaleuca uncinate (Broombush)
- Kangaroo Grass (Themeda australis)

The Site



Map to illustrate where images are taken from

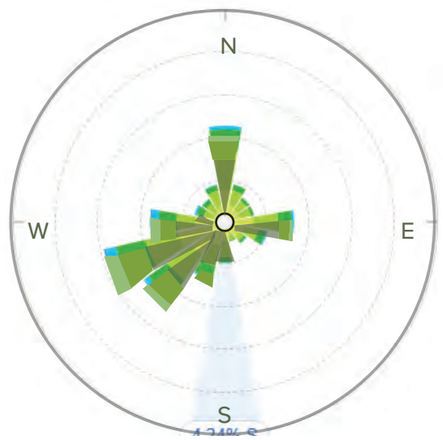
Site Analysis



Legend

- Site Boundary
- Predominant wind direction
- Summer and Winter Typical Sun path
- Overland Water flow
- 20 Trees to Remain x 34
- 20 Trees outside project boundary x 2
- 20 Trees to be Removed x 6

Wind Rose (Annual 5 year)



Calm — Strong

Masterplan + Existing Tree Identification

Legend

Site Boundary

Existing Trees Canopy 1,173 sqm

20 Trees to Remain x 34

20 Trees outside project boundary x 2

Trees to be removed Canopy 36 sqm

20 Trees to be Removed x 6

New Trees Canopy 1,025 sqm

New Trees

New Trees

Tree canopy's square meter calculations have been calculated from the survey provided and estimated tree canopy size from up to date aerial

Existing Trees To Be Retained *(Additional trees being retained, images below are a sample selection)*

Tree Number 2

Tree Number 5

Tree Number 6

Tree Number 7

Tree Number 8

Tree Number 15

Tree Number 17

Tree Number 18

Tree Number 23

Tree Number 26

Tree Number 27

Tree Number 29

SECTION 2
Vision and Concept

Landscape Design Strategies

Inclusivity

Safety

Implement design choices which encourage safety in egress and use.
- Accessible pathways
- Reduced vehicular intersection with pedestrians
- Buffering planting
-Providing Social Spaces
-Provide consistent visual permeabiliy

Connections

Arrival

Design a positive and welcoming green arrival experience
- Feature planting to entrance
- Utilising higher orders of planting/trees
- Working with existing desire lines
-Experience of enclosure and reveal

Experience

Amenity

Design amenity which is both natural and familiar through key planting and material use.
- Enusre existing trees are kept where possible and celebrated
- Comfort from the Heat and Rain
- Use of warm and familiar materials
- Places to rest, wait, and congregate
- Use of geomorphology in paving and fixtures

Landscape Experiences and Place

Legend

VillageCentre
- Dining
- Meeting
- Social
- Events
- Whole of Village Gathering
- Quandong tree with cultural signfiicance surrounded by Indigenous Planting Species
- External Visitors Areasi

Secondary Communal Open Spaces
- Dining
- Meeting
- Laundry
- Exercise On Turf

Tertiary Communal Open Spaces
- Outdoor Dining
- Smaller, Intermediate
- Reading

Accommodation Social Spaces

Site Boundary

Landscape Circulation and Access

Legend

- Primary Routes/ Running Track 2400mm wide to fit 'Light Vehicle' & 'Golf Buggy' Regularly and Wheel Chair
- Proposed Pedestrian Crossing 1800mm wide to fit 'Golf Buggy' Irregularity
- Secondary Routes
- 1800 Good Neighbor Fence Location
- 1200mm High Cyclone Fence Location
- Min. 5.5m Emergency Vehicle Path
- Shared access for cars only
- Site Boundary
- M Waste & Maintenance
- B Bus Stop
- P Parking
- B Bicycle Parking
- Authority Access Gate

Parking Table

PARKING	SPACE ALLOCATION
Facility Staff	12
Construction Workforce	33
Operations Workforce	22
Accessible Space	8
Bus Parking	2 Bays

Landscape Main Living Areas

Legend

1. Dining
2. Main Communal Open Space
   _-Quandong tree with cultural signfiicance surrounded by Indigenous Plantin Species
   _ Surround by Decking and Seating
3. Existing Road
4. Primary Routes/ Running Track
   2400mm wide to fit 'Light Vehicle' & 'Golf Buggy' Regularly and Wheelchair
5. Parking
6. Multi Purpose Function Space
7. Laundry
8. Social Deck
9. Reflective Space
10. Irrigated Turf
11. Potential Stage 4 Multiuse Court
12. Bus Pickup
13. External Bicycle Parking
14. Delivery Dock/Unloading Bay
15. Pedestrian Crossing
16. Outdoor Dining

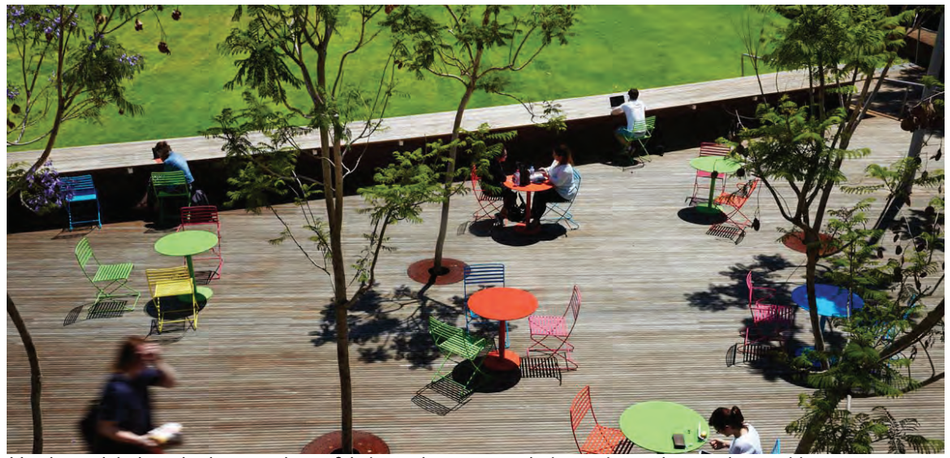
Landscape Materials

Hardscape

Below are images to reflect the materials intent for th project:

Pre- fabricated shelters to external areas

Exposed aggregate concrete primary pathways



Hardwood timber deck around pre- fabricated accommodation units and central amenities areas

Brushed concrete secondary pathways

External Stainless Steel Bicycle Racks

Permeable paving to car parking areas

Landscape Materials

Softscape

The following reflects the type of materials which may be used to landscape the site

Street Trees (same as existing species) to provide shade and legibility to internal road

Street Trees (same as existing species) to provide shade in amenity areas

Screen planting for privacy to accommodation

Site found Logs and Rocks to be placed within the landscape

Native Rushes to Stormwater Swales (WSUD)

Native Dryland Grasses to areas

Planting Palette

Example Planting Palette

Trees

Acacia doratoxylon

Acacia pendula

Eucalyptus dwyeri

Eucalyptus microcarpa

Eucalyptus sideroxylon

Eucalyptus socialis

Shrubs

Melaleuca uncinate

Acacia hakeoides

Atriplex nummularia

Dodonaea viscosa

Senna artemisioides

Dianella revoluta

Grasses and Reeds

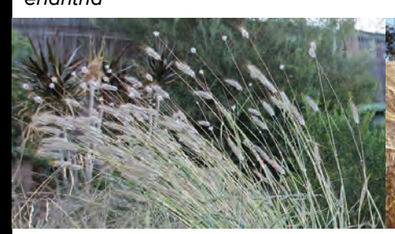
Austrodanthonia eriantha

Bothriochloa decipiens

Themeda australis

Carex appressa

Juncus usitatus



Dicanthium sericeum

Elymus scaber

Eulalia aurea

Groundcovers

Medicago polymorpha

Viola hederacea

Myoporum parvifolium

Kunzea ‘Badja Carpet’

Cultural Planting

Acacia mearnsi

Lomandra Longifolia

Xanthorrhoea

ARCADIA



Appendix C

Services strategy and drawings

EMM
creating opportunities

Evolution
MINING

Servicing Strategy Report

CGO Accommodation Village, West Wyalong – Building Services

Prepared for Evolution Mining

7 April 2021

Calibre Professional Services Pty Ltd
55 070 683 037

QUALITY ASSURANCE STATEMENT

TASK	NAME	SIGNATURE
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Approved for Issue by	Pradeep Pejavar	PP

DOCUMENT CONTROL

ISSUE	DATE	ISSUE DETAILS	AUTHOR	CHECKED	APPROVED
A	26.03.2021	Review Issue	JG/KC/CM/GS	PP	PP
B	30.03.2021	Final Issue	JG/KC/CM/GS	PP	PP
C	07.04.2021	Revised Final Issue	JG/KC/CM/GS	PP	PP

Contents

1. General

1.1 Project Description

This Servicing Strategy Report is for the services connections for the Proposed Accommodation Village for Evolution Mining at West Wyalong (approximately 38km North East of West Wyalong), NSW. This report is relative to and shall be read in conjunction with but not limited to the documentation below:

- Evolution Mining (Cowal), Accommodation Village, West Wyalong, Development and Design Brief (latest version)
- Evolution Mining - Architectural Design Package (latest version)
- Any associated engineering services documentation and drawings

1.2 Objective of the Report

The purpose of this report is to outline how the project site will be serviced for the following:

- Power
- Communications
- Water
- Sewer
- Stormwater

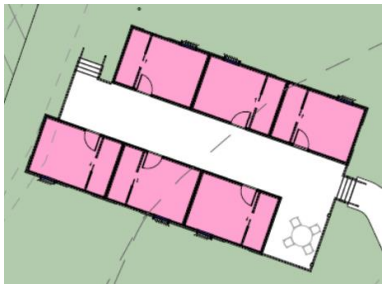
1.3 Local Service Authorities

The servicing of the Accommodation Village shall be carried out with the concerned local service authorities as follows:

- Essential Energy for power services
- NBN for communications
- Goldenfields Water for water
- Bland Shire Council for sewer
- Bland Shire Council for stormwater

1.4 Accommodation Terminology

- Cluster – generally with two accommodation modules.



- Module – In this project, modules are to be supplied with either three or four rooms (living quarters).

- Room – three or four rooms are provided in each Module

2. Electrical Services

2.1 Infrastructure Network Connections

2.1.1 Mains Power

The main power to the accommodation village shall be taken from the power network of Essential Energy via a dedicated pad mounted transformer to be installed between the village front property boundary and Boundary Street.

The design and layout of the PMT shall be carried out by an accredited Level 3 consultant (TFL Consulting and Design Services Pty Ltd) to Essential Energy requirements and design standards.

Design Information Package have already been issued by Essential Energy under reference ST-0001547 Boundary Street, West Wyalong dated 19 March 2021.

Mains power connection to the village shall be from the LV side of the PMT to the Site Main Switchboard (SMSB). The connection shall be with via copper cables in underground conduits designed to AS3000 and AS3008.

2.2 Servicing and Reticulation within the Village

2.2.1 Standards

All works shall fully comply with the Rules and Regulations of all bodies having jurisdiction over all or part of the installations.

Work shall comply with the National Construction Code of Australia, New South Wales Building Act, Workplace Health and Safety Act and all applicable and referenced Codes and Standards.

In particular, the following codes and regulations shall be complied with and provisions shall be carried out in accordance with the latest edition of:

Standard	Title
NCC	National Construction Code
AS/NZS 3000	The Wiring Rules
AS/NZS 3008.1	Electrical Installations – Selection of Cables
AS/NZS 3017	Electrical Installations –Verification Guidelines
AS/NZS 3010	Electrical installations – Generating sets
AS/NZS 61439 (1-6)	LV switchgear and controlgear assemblies
AS/NZS 60898 (1&2)	LV switchgear and controlgear assemblies
AS 60529	Degrees of protection by enclosures (IP Code)
AS/NZS 2053	Conduits and fittings for electrical installations
AS CCM	Communications Cabling Manual for Telecommunications Systems
Client Brief	Evolution Mining (Cowal) Accommodation Village, West Wyalong Development and Design Brief
Brief	All other relevant Acts and Regulations, Local Authority Requirements, Australian Standards and Codes having jurisdiction.

2.2.2 Normal Power

The normal power shall be taken from the PMT that will be available to all electrical demand of the accommodation village.

2.2.3 Emergency Power

Emergency or essential power shall be available during normal power failure through the provision of a generator set with an automatic transfer switch to be located at the Site Main Switchboard. The emergency power shall be available only to the kitchen/Dining/Admin building.

2.2.4 Site Main Switchboard (SMSB)

A Site Main Switchboard of rated capacity, form of separation, and ingress protection shall be designed to applicable Australian Standards (AS) and Essential Energy for the revenue metering system.

The supply side of SMSB shall be from the LV side of the PMT and the distribution side shall be to:

- Distribution Switchboards (DBs) of the central facilities to include DB for the Kitchen, Dining/Admin areas, and multi-purpose function space.
- Area Distribution Switchboards (ADBs).

The SMSB shall be provided with Automatic Transfer Switch (ATS) to allow transfer of power supply between normal and emergency power.

2.2.5 Area Distribution Switchboards (ADB)

Area distribution switchboards (ADBs) will be provided to distribute power to the accommodation clusters and laundry blocks.

With the accommodation village divided into three areas or zones, three ADBs will be provided.

Power to the ADBs will be from the SMSB and will be distributed to the various accommodation clusters and laundry blocks distribution switchboards.

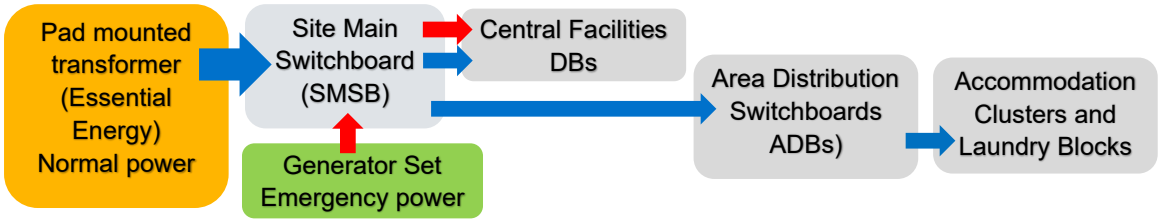
The design of the ADBs shall be carried out in the same manner as the SMSB.

2.2.6 Accommodation Cluster Distribution Switchboards

Each accommodation clusters will have two, three, or four rooms (living quarters) within. One DB per accommodation cluster will be provided for power distribution to the rooms (living quarters).

2.2.7 Reticulation Overview

Following the above, below is the indicative reticulation and distribution system within the accommodation village.



3. Communications

3.1 Infrastructure Network Connections

3.1.1 Main incoming Service

The accommodation village is currently not covered by NBN fibre services. However, NBN confirmed that their existing fibre services can be extended to the village with some customer contributions.

For this report, the main communications incoming services will be NBN fibre services.

The reticulation for the incoming fibre will be from Boundary Street (NBN pit and connection point) to the main IT Room within the Kitchen/Dining/Admin building of the accommodation village.

3.2 Servicing and Reticulation within the Village

3.2.1 Main IT Room

Main IT Room will be provided at the Kitchen/Dining/Admin building. This room will be the centre of the communications infrastructure of the entire village. As such, all communication reticulation in the village will be wired back to communications rack and hardware within this room.

3.2.2 Village Reticulation

The communication reticulation within the Kitchen/Dining/Admin building will directly be wired back to the main IT room. For the multipurpose building, accommodation clusters, and laundry blocks, fibre optic cables will be used to link their communications infrastructure back to the main IT room.

Where possible and practical, wireless technology will be considered.

3.2.3 Fibre Optic cable ring/loops

Fibre optic cable of high number of cores will be provided in a ring or loop configuration for the accommodation clusters and laundry blocks.

The village will be divided into several areas/zones and each will have its own cable rings or loops originating from the main IT Room.

3.2.4 Service to Accommodation Clusters

Each Accommodation Cluster has two Accommodation Modules. Each Accommodation Modules have two, three, or four Rooms.

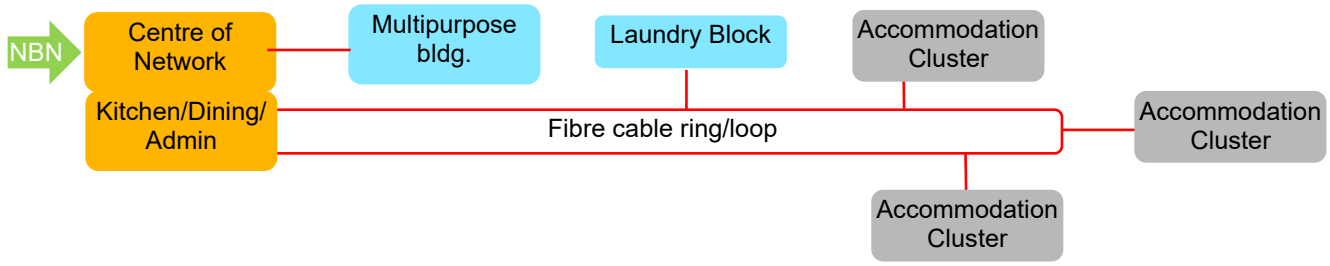
Each accommodation cluster will have a fibre optic wall enclosure (FEW). From the FEW, fibre of lesser number of cores will be connected to the fibre ring or loop.

Within the accommodation cluster and for each room, horizontal cabling will be provided with CAT6 cables.

Where possible and practical, wireless technology will be considered.

3.2.5 Reticulation Overview

Following the above, below is the indicative reticulation and distribution system within the accommodation village.



4. Water

4.1 Infrastructure Network Connections

A 100mm potable water service shall be connected to the existing 100mm water main owned by Goldenfields Water.

The in-coming supply shall feed into Goldenfields' water meter assembly comprising;

- 100mm domestic water meter assembly
- 100mm fire service testable check valve assembly.

4.2 Servicing and Reticulation within the Village

4.2.1 Potable Water Reticulation

The internal potable water supply shall be designed and constructed in accordance with the following Australian Standards;

- National Construction Code Part 3 – Plumbing Code of Australia
- AS/NZS 3500.1 – Water Services

The internal potable water supply shall be supplied via a 50,000 litre break tank, complete with a variable speed pressure boosting pump set. The break tank will serve the following purpose;

- Provision of 24 hours potable water storage during Local Authority water mains service disruptions.
- To enable peak water flow rates to be drawn without exceeding the Local Authority Mains supply capacity.

The variable speed pressure boosting pumps set will provide suitable water pressure to all buildings on-site.

The potable water service will reticulate around the site via a 100mm ring main service, with suitably sized dead leg branches feeding out each building.

Potable water shall be supplied to each building, terminating adjacent the services zone, above ground with a ball valve, ready for final connection.

4.2.2 Fire Hydrant Service

The internal fire hydrant water supply shall be designed and constructed in accordance with the following Australian Standards;

- National Construction Code Part 3 – Plumbing Code of Australia
- AS/NZS 3500.1 – Water Services
- AS 2419.1 – Fire Hydrant Installations
- AS 2941 – Fixed Fire Protection Installations – Pumpset Systems
- AS 2304 – Water Storage Tanks for Fire Protection Systems

Buildings that exceed 500sqm GFA will require fire hydrant coverage. The central Kitchen Dining

Minimum flow requirements =	1 x hydrants operating at 10L/s each.
Total flow	10L/s required at minimum pressure of 700kPa at most dis-advantaged hydrant.

The Local Authority main pressures and flows have been provided by Goldenfields Water and found to achieve a maximum flow of 11.5L/s @ 150kPa residual pressure.

The Local Authority mains has adequate supply for the fire hydrant service, but the advice given by the Local Authority is that the water mains are often subject to service disruptions and can be "unreliable". As a reliable fire water supply, in compliance with the requirements of AS 2419.1 cannot be supplied to site, it is proposed to have the total 4-hour fire hydrant service water capacity stored on-site, in fire water storage tanks.

Two 75,000 litre storage tanks are located adjacent the site boundary to provide the fire hydrant water requirements. Two diesel fire hydrant pressure boosting pumps are located adjacent the storage tanks, to provide the minimum water pressures required to the site fire hydrants.

A Fire Hydrant Booster Assembly, complete with large bore suction connection, is located adjacent the entry roadway, in order to allow NSWFR to pressurise the fire system via a fire appliance.

The fire hydrant service reticulates out to two attack fire hydrants, located adjacent the Central Kitchen/ Dining building to provide compliant fire fighting coverage. These hydrants shall be located a minimum of 10m away from the building structure in order to provide NSWFR with protection from structural collapse and radiant heat when operating the hydrants.

5. Sewer

5.1 Infrastructure Network Connections

Bland Shire Council has an existing 150mm sewer network reticulated through the site. This shall be utilised for site connections.

There are three new 150mm property connections proposed for connection of the internal sanitary drainage system. These property connections shall be connected directly to the existing 150mm pipe as boundary connections in accordance with the requirements of Bland Shire Council.

5.2 Servicing and Reticulation within the Village

5.2.1 Sanitary Drainage

The internal Sanitary Drainage system shall be designed and constructed in accordance with the following Australian Standards;

- National Construction Code Part 3 – Plumbing Code of Australia
- AS/NZS 3500.2 – Sanitary Plumbing and Drainage

Each building shall connect to a 100mm sanitary drainage connection via an inspection opening and jump-up, which shall connect to an in-ground sanitary drainage system, reticulating to each proposed property connection.

5.2.2 Trade Waste Drainage

The internal Trade Waste Drainage system shall be designed and constructed in accordance with the following Australian Standards;

- National Construction Code Part 3 – Plumbing Code of Australia
- AS/NZS 3500.2 – Sanitary Plumbing and Drainage
- Local Authority Trade Waste Requirements

The central Kitchen/ Dining trade waste service from the kitchen/ dining area will connect to an in-ground Grease Interceptor Trap (GIT). The size of the GIT will be determined by the fixtures installed within the Kitchen/ Dining area, which are connected to the trade waste system and is to be confirmed. At this stage a 2,000L GIT is proposed.

The Central Laundry Facility shall have sanitary drainage discharge from commercial washing machines discharging to drain via a suitably sized Cooling pit with lint trap. The size of the trap shall be confirmed during detailed design phase.

6. Stormwater

6.1 Infrastructure Network Connections

All stormwater drainage from the site shall discharge into the existing public stormwater drainage system owned by Bland Shire Council.

The existing stormwater drainage system around the site is limited to kerb and gutters along both sides of Boundary Street and Hyde Street and an informal swale along the western side of Hyde Lane. Dish crossings were found across the intersections between Boundary St and the loop road. These gutters drain into a shallow open pit and pipe culvert that crosses Boundary Street to the north and south of the loop road discharging into bushland to the east of Boundary Street.

6.2 Servicing and Reticulation within the Village

Stormwater drainage for the site will be designed generally in accordance with:

- Bland Shire Council's "West Wyalong Stormwater Management Plan";
- The Institution of Engineers' "Australian Rainfall and Runoff" (2016);
- The relevant Australian Standards; and
- Accepted engineering practice.

it is proposed to drain all roofs into above ground detention and retention tanks which drains and overflows into vegetated gravel lined swales. These swales then drain into bioretention swales/basins before draining out as either sheet flow or distributed pipe connections into the nearest road gutter or swale.

6.2.1 Central Facilities Building - Rainwater Harvesting & Re-Use

The internal Rainwater Harvesting and Re-use system shall be designed and constructed in accordance with the following Australian Standards;

- National Construction Code Part 3 – Plumbing Code of Australia
- AS/NZS 3500.1 – Water Services

The Central Facilities building shall have roof water collected via rainwater harvesting tanks, which shall be re-used on-site for toilet flushing, external washdown and irrigation.

A 50,000 litre rainwater harvesting tank shall be positioned adjacent the building and all downpipes connected via an in-ground roof water drainage "wet" system.

Re-use water shall be reticulated via a pressure boosting pump, complete with automatic backwash, cartridge and UV filtration located adjacent the rainwater tank.

A mains water by-pass top up facility shall be provided to supply mains water to the re-use system when the rainwater tank is empty.

Appendix A Engineering Concept Layouts


LEGEND
ELECTRICAL CONDUIT (MAJOR RUN). SIZE AND QUANTITY TBC.
ELECTRICAL CONDUIT (MINOR RUN) TYPICALLY 40mm NOM. DIA.
ELECTRICAL PIT. SIZE AND TYPE TBC. EX INDICATES REFERENCE NUMBER
DB AT ACCOMMODATION AND LAUNDRY BLOCKS
DB WITHIN BUILDING WITH DB REFERENCE/ DESIGNATION
COMMS CONDUIT (MAJOR RUN). SIZE AND QUANTITY TBC.
COMMS CONDUIT (MINOR RUN) TYPICALLY 40mm NOM. DIA.
COMMS PIT. SIZE AND TYPE TBC. CX INDICATES REFERENCE NUMBER
FIBRE OPTIC WALL ENCLOSURE (FWE)
EXISTING UNDERGROUND WATER LINE TO REMAIN
EXISTING UNDERGROUND SEWER LINE TO REMAIN
EXISTING UNDERGROUND POWER RETICULATION TO BE MADE REDUNDANT AND SAFE. ASSOCIATED CONNECTION PILLARS TO BE REMOVED AND UNDERGROUND CABLES TO REMAIN AND DOCUMENTED AT AS-BUILT DRAWINGS.
EXISTING UNDERGROUND COMMS RETICULATION TO BE MADE REDUNDANT AND SAFE. ASSOCIATED CONNECTION POINTS TO BE REMOVED AND UNDERGROUND CABLES TO REMAIN AND DOCUMENTED AT AS-BUILT DRAWINGS
HYDE STREET
BOUNDARY STREET
CEDAR STREET
HYDE LANE
ALEENA STREET
16 HYDE ST
14 HYDE ST 1059/DP 753135
31 CEDAR ST
29 CEDAR ST
27 CEDAR ST
25 CEDAR ST
28 CEDAR ST
26 CEDAR ST
20 CEDAR ST 1107/DP 753135
3m SECONDARY STREET SETBACK
AREA DISTRIBUTION SWITCHBOARD - 1 (ADB-1)
BOARD RATING AND IP RATING = 400 AMPS NOMINAL, IP 56
1500 WIDE (2-TIER/CABLE SECTION), 550 DEEP, 2100 HIGH ON 1500x1800 CONCRETE PAD
AREA TO BE SERVED BY ADB-1
EXISTING POWER UNDERGROUND LINES TO BE MADE REDUNDANT. REFER TO LEGEND
EXISTING COMMS UNDERGROUND LINES TO BE MADE REDUNDANT. REFER TO LEGEND
AREA DISTRIBUTION SWITCHBOARD - 2 (ADB-2)
BOARD RATING AND IP RATING = 400 AMPS NOMINAL, IP 56
1500 WIDE (2-TIER/CABLE SECTION), 550 DEEP, 2100 HIGH ON 1500x1800 CONCRETE PAD
AREA TO BE SERVED BY ADB-2
NBN INCOMER CONDUITS TO PROPERTY BOUNDARY
SITE MAIN SWITCHBOARD (SMSB)
BOARD RATING AND IP RATING = 1,600 AMPS NOMINAL, IP 56
4000 WIDE WITH 5 TIERS, 600 DEEP, 2100 HIGH ON CONCRETE PAD = 4000x1800
POSSIBLE LOCATION OF PAD MOUNTED TRANSFORMER ON EASEMENT WITH DIRECT ACCESS TO THE STREET. HV RETICULATION TO HV CONNECTION POINT TO BE DETERMINED.
FOOTPRINT 4.0m FRONTAGE AND 7.0m DEEP
KITCHEN / DINING / ADMIN
MULTI PURPOSE FUNCTION SPACE
BIKE STORE
PLANT
LOADING
SCREEN
BUS WAY
4 VISITOR
EXIT
ENTRY
UN-METERED MAINS CABLE AND CONDUIT. TBC.
HV RETICULATION
NEW HV CABLE RETICULATION TO BE CONNECTED TO EXISTING HV LINES (ESSENTIAL ENERGY) ACROSS THE ROAD.
METERED MAINS CABLE AND CONDUIT. TBC.
GENERATOR SET
ENCLOSED UNIT. FOOTPRINT = 1300 WIDE, 4000 LONG, 2300 HIGH
EXISTING SEWER UNDERGROUND LINES TO REMAIN
EXISTING WATER UNDERGROUND LINES TO REMAIN
AREA TO BE SERVED BY ADB-3
AREA DISTRIBUTION SWITCHBOARD - 3 (ADB-3)
BOARD RATING AND IP RATING = 400 AMPS NOMINAL, IP 56
1500 WIDE (2-TIER/CABLE SECTION), 550 DEEP, 2100 HIGH ON 1500x1800 CONCRETE PAD
SPILL OVER CARPARK SHOWN DASHED
5.5m WIDE EMERGENCY ACCESS
11m ASSET PROTECTION ZONE SHOWN HATCHED
STAGE 4 GYMNASIUM & MULTI PURPOSE COURT SHOWN DASHED
DEMOLISHED TREES SHOWN DASHED
2.6m HIGH SCREEN SHOWN DASHED
POTABLE WATER STORAGE TANKS TO HYDRAULIC ENGINEER'S DETAILS
BUS SHELTER FOR PEDESTRIAN AND VEHICLE WEATHER PROTECTION SHOWN DASHED
LP GAS BOTTLE TO HYDRAULIC ENGINEER'S DETAILS
STORAGE TANKS, FIRE HYDRANT BOOSTER ASSEMBLY, PUMPS AND WATER METER TO HYDRAULIC ENGINEER'S DETAIL
5m PRIMARY STREET SETBACK
LANDSCAPED PEDESTRIAN WALKWAYS TO LANDSCAPE ARCHITECTS DETAIL
GATED ACCESS FOR EMERGENCY VEHICLES ONLY
ACCOMMODATION LEGEND
OPERATIONS ACCOMODATION - TYPE 1
OPERATIONS ACCOMODATION - TYPE 2
OPERATIONS ACCESSIBLE ACCOMODATION
CONSTRUCTION ACCOMODATION
OUTDOOR EATING AREA
LAUNDRY & BIN STORE MODULES
COMMUNAL AMENITIES MODULES
ACCOMODATION SUMMARY.
CONSTRUCTION UNITS (96)
CONSTRUCTION MODULES (24)
OPERATIONS UNITS (72)
OPERATIONS MODULES (24)
OPERATIONS ACCESSIBLE UNITS (8)
OPERATIONS ACCESSIBLE MODULES (4)
TOTAL UNITS (176)
TOTAL MODULES (52)
LAUNDRY UNITS 1 PER 44 ROOMS (9 WASHING MACHINES, 9 DRYERS, 4 TUBS AND 44 STORAGE LOCKERS) (4)
OUTDOOR EATNG 1 PER 44 ROOMS (COVERED AREA FOR 4 TABLES WITH 6 CHAIRS) (4)
CARPAKING
STANDARD (51)
ACCESSIBLE (6)
VISITOR (6)
VISITOR ACCESSIBLE (2)
SPILLOVER (30)
TOTAL (95)
TREE TYPES
EXISTING TREE (TO BE RETAINED AND PROTECTED DURING CONSTRUCTION)
EXTERNAL LIGHTING LEGEND
Symbol | Description | Image
1X Wall light
2X Street light mounted on 6m galvanised steel pole
3X 1000mm high bollard
5X 1200mm exterior batten
6X hand rail light
7X IP66 post top LED with 360 deg distribution pattern. 3000K
calibre
SKETCH NO. ESK-09
PROJECT: 21-000050.02
BY: JG
CHECKED:
DATE: 31.03.21
REMARKS: PRELIMINARY EXTERNAL RETICULATION

NOTES

1. TYPICAL TO ALL WALL MOUNTED TYPE 1X AT KITCHEN/DINING/ADMIN/ BUILDING. WALL MOUNTED LUMINAIRE INDICATIVELY SHOWN. THESE LUMINAIRES SHALL BE SUPPLIED AS PART OF THE MODULAR BUILDING AS PER PROJECT ENGINEERING BRIEF SECTION 2.7.4.
2. LIGHTING FOR THE COMMON AREA TO BE PROVIDED AS PART OF THE ACCOMMODATION UNIT EXTERIOR LIGHTING AS PER PROJECT ENGINEERING BRIEF SECTION 2.8.2.

1 Site Plan Ground
1 : 500

Client: Evolution Mining

Issue	Description	Date
7	ISSUED FOR TENDER	23.03.21
6	ISSUED FOR INFORMATION	19.03.21
5	ISSUED FOR INFORMATION	12.03.21
4	ISSUED FOR INFORMATION	12.03.21
3	ISSUED FOR INFORMATION	11.03.21
2	ISSUED FOR INFORMATION	10.03.21
1	ISSUED FOR INFORMATION	01.03.21

Project Manager: CURRAJONG PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 10000 25000

Drawing Title: SITE PLAN - GROUND LEVEL

Author: JB | Checker: GL | Sheet Size: A1 | Scale: 1:500

Drawing Number: 11985-AR-0111 | Issue: 7

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WATER RETICULATION LEGEND

SYMBOL	IMAGE	ABB.	DESCRIPTION
		BLV	PROPOSED BALANCING VALVE
		BUV	PROPOSED BUTTERFLY VALVE
		BV	PROPOSED ISOLATION VALVE / BALL VALVE
		CHV	PROPOSED CHECK VALVE ASSEMBLY
		CP	PROPOSED CIRCULATING PUMP
		CVP	PROPOSED CONTROL VALVE IN PATHBOX
		CV	PROPOSED CONTROL VALVE
		DCHV	PROPOSED DOUBLE CHECK VALVE ASSEMBLY
		DCHV	PROPOSED DUAL CHECK VALVE ASSEMBLY
		HC	PROPOSED HOSE COCK DROPPER
		HC	PROPOSED HOSE COCK RISER
		HWU	PROPOSED HOT WATER UNIT
		PP	PROPOSED PRESSURE/BOOSTER PUMP
		PRV	PROPOSED PRESSURE REDUCTION VALVE
		WM	PROPOSED PROPERTY WATER METER ASSEMBLY
		RPZD	PROPOSED REDUCED PRESSURE ZONE DEVICE ASSEMBLY
	-	-	PROPOSED PIPE DROPPING UNDER
	-	-	PROPOSED PIPE DROPPING
	-	-	PROPOSED PIPE RISING
		SV	PROPOSED SLUICE VALVE
		SLV	PROPOSED SOLENOID VALVE
		SWM	PROPOSED SUB-WATER METER ASSEMBLY
		TV	PROPOSED TEMPERING VALVE
T		TMV	PROPOSED THERMOSTATIC MIXING VALVE
F		WF	PROPOSED WATER FILTER
	-	-	PROPOSED WATER FLOW DIRECTION ARROW
		FHR	FIRE HOSE REEL

LINETYPES LOCAL AUTHORITY

LINETYPE	DESCRIPTION
S S S S S	EXISTING SEWERAGE
TW TW TW TW TW	EXISTING TRADE WASTE
SW SW SW SW SW	EXISTING STORMWATER DRAINAGE
W W W W W	EXISTING WATER MAIN
	EXISTING GAS MAIN
X X X X X	EXISTING PIPEWORK TO BE ABANDONED / DEMOLISHED

SANITARY, STORMWATER & TRADE WASTE

SYMBOL	DESCRIPTION
	PROPOSED BLIND FLOOR WASTE GULLY
	PROPOSED CAPPED SERVICE
	PROPOSED FLOOR WASTE GULLY [ROUND]
	PROPOSED FLOOR WASTE GULLY [SQUARE]
	PROPOSED FLOOR WASTE GULLY WITH BASKET TRAP
I.O.S.	PROPOSED INSPECTION OPENING TO SURFACE
I.O.	PROPOSED INSPECTION OPENING
	PROPOSED OVERFLOW RELIEF GULLY
SD SW ST	PROPOSED SANITARY INSPECTION CHAMBER PROPOSED SEWER MAINTENANCE HOLE [ROUND] PROPOSED STORMWATER MAINTENANCE HOLE [ROUND]
	PROPOSED SANITARY INSPECTION CLEAR-OUT
SW ST	PROPOSED SANITARY PUMP WELL PROPOSED STORMWATER PUMP WELL
	PROPOSED SEPTIC TREATMENT PLANT
SW ST	PROPOSED SEWER MAINTENANCE HOLE [SQUARE] PROPOSED STORMWATER MAINTENANCE HOLE [SQUARE]
TTD TD	PROPOSED TRAPPED TUNDISH DRAIN PROPOSED TUNDISH DRAIN
ST	PROPOSED 450 x 450 STORMWATER GRATED SUMP WITH DOWNPIPE
ST	PROPOSED STORMWATER GRATED SUMP
ST	PROPOSED STORMWATER INSPECTION CHAMBER
	PROPOSED GREASE INTERCEPTOR TRAP

WATER & GAS PIPING

3D	SINGLE LINE EXISTING	DESCRIPTION
BLUE		COLD WATER SUPPLY
RED		HOT WATER SUPPLY
RED		HOT WATER RETURN
226-163-029		TEMPERED WATER SUPPLY
000-128-000		NON POTABLE WATER SUPPLY
255-080-080		FIRE HYDRANT SYSTEM
MAGENTA		NATURAL GAS

DRAWINGS SHOULD BE REPRODUCED IN COLOUR FOR THE PURPOSE OF CLEAR REPRESENTATION.

SANITARY DRAINAGE PIPING

3D	SINGLE LINE EXISTING	DESCRIPTION
128-064-000		SANITARY DRAINAGE/ PLUMBING
GREEN		SANITARY DRAINAGE/ PLUMBING VENT
255-128-255		STORMWATER DRAINAGE
000-128-128		TRADE WASTE
128-128-192		TRADE WASTE VENT
128-064-000		PIPEWORK CAST IN SLAB

DRAWINGS SHOULD BE REPRODUCED IN COLOUR FOR THE PURPOSE OF CLEAR REPRESENTATION.

TAG & SYMBOL

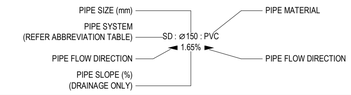
SYMBOL	DESCRIPTION
01 CW 50	SERVICE RISING PIPE RISER OR STACK IDENTIFIER SERVICE TYPE (REFER TO SYSTEM ABBREVIATION) SERVICE PIPE SIZE SERVICE DROPPING
H???	REFER TO DRAWING No..... FOR CONTINUATION
	PLUMBING FIXTURES WATER SUPPLY POINT (IF ISOLATION VALVE NOT SPECIFIED)

PIPE SYSTEMS

SANITARY DRAINAGE & PLUMBING

ABBREVIATION	DESCRIPTION
SD	SANITARY DRAINAGE
SS	SANITARY STACK
SV	SANITARY VENT
RV	RELIEF VENT
SW	STORMWATER
TW	TRADE WASTE
TWV	TRADE WASTE VENT
TMRV	TRADE WASTE RELIEF VENT
CD	CONDENSATE
SY	SYPHONIC
SYOF	SYPHONIC OVERFLOW
SSD	SUB SOIL DRAINAGE
EPD	ELEVATED PIPE DRAIN

DRAINAGE & PLUMBING PIPE TAG



WATER RETICULATION

ABBREVIATION	DESCRIPTION
CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RETURN
WW	WARM WATER
NPCW	NON POTABLE COLD WATER
FH	FIRE HYDRANT
FHTD	FIRE HYDRANT TEST DRAIN

WATER & HYDRANT PIPE TAG

ABBREVIATIONS - GENERAL

ABBREVIATION	DESCRIPTION
AAV	AIR ADMITTANCE VALVE
BT	BUCKET TRAP
BV	BALL VALVE
BUV	BUTTERFLY VALVE
BLV	BALANCING VALVE
CD	CONDENSATE DRAIN
CDD	CONDENSATE DRAIN DROPPER
C/O	CLEAR OUT
CW	COLD WATER
DG	DISCONNECTOR GULLY
DP	DOWNPIPE
DFH	DUAL OUTLET FIRE HYDRANT
EPD	ELEVATED PIPEWORK DROPPER
FH	FIRE HYDRANT
FHR	FIRE HOSE REEL
FS	FIRE SERVICE
FWG	FLOOR WASTE GULLY
FW/BT	FLOOR WASTE GULLY WITH BASKET TRAP
GD	GRATED DRAIN
GIT	GREASE INTERCEPTOR TRAP
GS	GRATED SUMP
GV	GATE VALVE
HC	HOSE COCK
HW	HOT WATER
IO	INSPECTION OPENING
IOS	INSPECTION OPENING TO SURFACE
IV	ISOLATION VALVE
NRV	NON-RETURN VALVE
ORG	OVERFLOW RELIEF GULLY
PBD	PLANTER BED DRAIN
PLV	PRESSURE LIMITING VALVE
RPZD	REDUCED PRESSURE ZONE DEVICE
RV	RELIEF VENT
SD	SANITARY DRAINAGE
SIC	SEWER INSPECTION CHAMBER
SS	SOIL STACK
SLV	SOLENOID VALVE
SV	SLUICE VALVE
SDO	SPOON DRAIN OUTLET
SSDO	SUB SOIL DRAINAGE OUTLET
SW	STORMWATER
SWGS	STORMWATER GRATED SUMP
SWIC	STORMWATER INSPECTION CHAMBER
TD	TUNDISH
TMV	THERMOSTATIC MIXING VALVE
TTD	TRAPPED TUNDISH
TV	TEMPERING VALVE (RMC MODEL TVA50HP or EQUAL)
TWV	TRADE WASTE VENT
VJU	VERTICAL JUMP UP
VP	VENT PIPE
WM	WATER METER

ABBREVIATIONS - FIXTURES

ABBREVIATION	DESCRIPTION
BSN	BASIN
BWU	BOILING WATER UNIT
CLSK	CLEANERS SINK
CM	COFFEE MACHINE
DF	DRINKING FOUNTAIN
DW	DISHWASHER
FLSK	FLUSHING SINK
HWU/HWS	HOT WATER UNIT / HOT WATER SYSTEM
IM	ICE MACHINE
LS	LAB SINK
SHR	SHOWER
SK	SINK
UR	URINAL
WC	WATER CLOSET

ABBREVIATIONS - MATERIALS

ABBREVIATION	DESCRIPTION
BR	BRASS
C.I.	CAST IRON
Cu	COPPER
DICL	DUCTILE IRON CEMENT LINED
FRC	FIBRE REINFORCED CONCRETE
GMS	GALVANISED MILD STEEL
HDPE	HIGH DENSITY POLYETHYLENE
MDPE	MEDIUM DENSITY POLYETHYLENE
S/S	STAINLESS STEEL
uPVC	UNPLASTISED POLYVINYLCHLORIDE
VCP	VITRIFIED CLAY PIPE
LD	LIGHT DUTY
MD	MEDIUM DUTY
HD	HEAVY DUTY

ABBREVIATIONS - LEVELS

ABBREVIATION	DESCRIPTION
FFL	FINISH FLOOR LEVEL
FSL	FINISH SURFACE LEVEL
GL	GRATE LEVEL (ORG)
IL	INVERT LEVEL
RL	REDUCED LEVEL

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
A	30.03.21	DA ISSUE	CM	JC	CM

STATUS: **PRELIMINARY** — NOT FOR CONSTRUCTION

SCALE:

CLIENT: Evolution MINING

PROJECT: **CGO ACCOMODATION VILLAGE** — **WEST WYALONG, NSW**

DRAWING TITLE: **LEGEND, LINETYPES AND ABBREVIATIONS**

PROJECT No.	DRAWING No.	REVISION
21-000050.02	BR-H5501	A

A1

NOTES - GENERAL HYDRAULIC

NUMBER	DESCRIPTION
G1	ALL INSTALLATIONS TO BE STRICTLY IN ACCORDANCE WITH THE DRAWINGS & SPECIFICATION. BEFORE COMMENCEMENT OF WORK CONTACT THE HYDRAULIC SERVICES DESIGN CONSULTANT.
G2	ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE PLUMBING & DRAINAGE ACT: 2018, NCC VOLUME 3, RELEVANT AUTHORITY REQUIREMENTS, ARCHITECTS APPROVAL, AS/NZS.3500 (ALL PARTS) & THE HYDRAULIC SERVICES SPECIFICATION.
G3	THIS PLAN TO BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL & LANDSCAPE PLANS & SPECIFICATIONS.
G4	DRAINS TO BE SUPPORTED ON, OR FROM SOLID GROUND. LOCATION & DEPTH/INVERT LEVEL OF BRANCH TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK.
G5	DRAINS UNDER BUILDINGS TO BE RETESTED WHERE DIRECTED BY THE MANAGING CONTRACTOR.
G6	ALL SIZES NOMINATED ON DRAWINGS ARE INSIDE DIAMETER.
G7	INSPECTION OPENINGS ARE TO BE PROVIDED AT : • THE PROPERTY BOUNDARY • ON EACH WC OR BRANCH • AT 30m (MAXIMUM) INTERCALS SPREAD EQUIDISTANT WHERE POSSIBLE • IMMEDIATELY UPSTREAM & DOWNSTREAM OF ALL JUMP-UPS • AS REQUIRED BY THE AUTHORITY FOR INSPECTION & MAINTENANCE
G8	EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA. THE CONSULTANT DOES NOT GUARANTEE THEIR ACCURACY & IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF ANY WORK. CLEARANCES ARE TO BE OBTAINED FROM THE RELEVANT AUTHORITIES.
G9	THE TRADE CONTRACTOR IS TO ARRANGE ALL SURVEY SETOUT BY A REGISTERED SURVEYOR.
G10	ALL SERVICES THAT CROSS PAVEMENTS,FOOTINGS ETC. ARE TO BE BACKFILLED WITH GRANULAR MATERIAL TO SUBGRADE LEVEL & COMPACTED TO 98% M.M.D.D.
G11	ON COMPLETION OF PIPE INSTALLATION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL CONDITION INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AREAS, GRASSED AREAS & ROAD PAVEMENTS.
G12	TRENCHES THROUGH EXISTING ROAD & CONCRETE AREAS ARE TO BE SAWCUT TO FULL DEPTH OF CONCRETE & 50mm (MINIMUM) OF BITUMINOUS PAVING. REINSTATE WITH ADDITIONAL REINFORCEMENT & DOWLING AS REQUIRED BY STRUCTURAL ENGINEERS.
G13	WHERE NEW WORK ABUTS EXISTING, THE TRADE CONTRACTOR IS TO ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
G14	CARE SHALL BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATION SHALL BE TAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES. EXCAVATE BY HAND IN THESE AREAS.
G15	ALL PIPE PENETRATIONS AT RETAINING WALLS TO BE FITTED WITH A PUDDLE FLANGE & MADE WATERTIGHT.
G16	ALL SUSPENDED SLAB PENETRATIONS ARE TO BE FORMED BY PATENT "SLABSEAL" OR OTHER APPROVED FIRE ISOLATING CAST IN PENETRATION & APPROVED BY THE SUPERINTENDENT IN WRITING. THIS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THEIR LOCATION & SIZE.
G17	ALL SUSPENDED SLAB PENETRATIONS ARE TO BE FORMED CLEAR OF ALL EXISTING STEEL SLAB SUPPORT BEAMS & CORING THROUGH SUSPENDED SLAB. JACK HAMMERS SHALL NOT BE USED TO MAKE SUSPENDED SLAB PENETRATIONS.
G18	TRADE CONTRACTOR IS TO GAIN AUTHORITY APPROVALS & PAY ALL FEES.
G19	THE TRADE CONTRACTOR TO ALLOW FOR ALL TIMBERING, SHORING & SHUTTERING AS NECESSARY TO CONSTRUCT PIPEWORK, INCLUDING THE REMOVAL OF SAME UPON COMPLETION OF PIPEWORK CONSTRUCTION.
G20	PROVIDE 80mm COMPRESSIBLE MATERIAL OVER PIPEWORK WHERE CLEARANCE TO UNDERSIDE OF FOOTING IS LESS THAN 150mm, UNLESS NOTED OTHERWISE.
G21	ON COMPLETION OF WORK, THE TRADE CONTRACTOR IS TO SUPPLY A FULL SET OF "AS CONSTRUCTED" DRAWINGS IN AUTOCAD FORMAT OR EQUAL TO THE DESIGN STANDARDS OF THESE DRAWINGS. THE CONTRACTOR IS TO PAY FOR ALL DRAFTING OF "AS CONSTRUCTED" DRAWINGS & PAY ALL RELEVANT AUTHORITY FEES.
G22	ON COMPLETION OF THE WORKS, THE TRADE CONTRACTOR IS TO SUPPLY AN 'OPERATIONS & MAINTENANCE MANUAL', IN AN A4 RING BINDER FORMAT, INCORPORATING THE FOLLOWING: • PLUMBING CONTRACTOR CONTACT DETAILS • SCOPE OF SERVICES INSTALLED • SERVICE & MAINTENANCE REQUIREMENTS • MANUFACTURER'S LITERATURE • LOCAL AUTHORITY APPROVALS • COMPLIANCE CERTIFICATES • 'AS CONSTRUCTED' DRAWINGS (A3 SIZED)
G23	REFER TO ARCHITECTURAL PLAN FOR SET-OUT. HYDRAULIC PLANS SHOW PIPE POSITIONS ONLY.
G24	THE LAYOUTS INDICATE THE GENERAL LAYOUT OF PLUMBING WORK. ALLOW FOR MINOR ALTERATIONS AS REQUIRED TO COMPLETE THE WORKS.

NOTES - STORMWATER DRAINAGE

NUMBER	DESCRIPTION
SW1	ALL ROOFWATER/STORMWATER DRAINAGE PIPES ARE TO BE uPVC WITH SOLVENT WELD JOINTS, UNLESS OTHERWISE NOTED.
SW2	ALL PIPE JUNCTIONS UP TO & INCLUDING 300mm & TAPERS ARE TO BE VIA PURPOSE MADE FITTINGS.
SW3	MINIMUM GRADE TO STORMWATER LINES TO BE 1%, UNLESS OTHERWISE NOTED.
SW4	CONTRACTOR TO SUPPLY & INSTALL ALL FITTINGS & SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
SW5	ALL CONNECTIONS TO EXISTING DRAINAGE PITS TO BE MADE IN A TRADESMAN-LIKE MANNER & THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY TO BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
SW6	ALL PITS SHALL BE PRE-CAST CONCRETE OR HPDE.
SW7	WHERE TRENCHES ARE IN ROCK, THE PIPE IS TO BE BEDDED ON A 50mm (MINIMUM) CONCRETE BED, OR 75mm THICK BED OF 12mm BLUE METAL UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT IS TO BEAR ON THE ROCK. IN OTHER THAN ROCK, PIPES ARE TO BE LAID ON A 75mm THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200mm ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150mm LAYERS TO 98% STANDARD MAXIMUM DRY DENSITY.
SW8	BEDDING SHALL BE TYPE H1, IN ACCORDANCE WITH CURRENT RELEVANT S.A.A. CODES, UNLESS OTHERWISE NOTED.
SW9	WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
SW10	WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS & VEHICULAR PAVEMENTS UNSLOTTED uPVC SEWER GRADE PIPE TO BE USED.
SW11	REFER TO ARCHITECTS PLANS FOR LOCATION OF DOWNPIPES
SW12	ALL CONNECTIONS BETWEEN DOWNPIPES AND DRAINAGE LINES SHALL BE SEALED WITH SOLVENT WELD JOINTS OR FERNCO RUBBER DRAINAGE COUPLINGS.

NOTES - SANITARY DRAINAGE

NUMBER	DESCRIPTION
SD1	TRADE CONTRACTOR TO ALLOW FOR ADDITIONAL EXCAVATION, BACKFILL OF PIPES, FITTINGS & ALL JUMP UPS AS REQUIRED BY THE WATER SUPPLY & SEWERAGE REGULATIONS & IN ACCORDANCE WITH AS/NZS.3500.
SD2	ALL SANITARY DRAINAGE PIPEWORK IS TO BE UNPLASTICISED POLYVINYL CHLORIDE (uPVC) WITH SOLVENT WELDED JOINTS UNLESS OTHERWISE NOTED.
SD3	ALL TRADE WASTE DRAINAGE PIPEWORK IS TO BE HIGH DENSITY POLYETHYLENE (HDPE) WITH ELECTRO-FUSION WELDED JOINTS UNLESS OTHERWISE NOTED.
SD4	ALL BRANCH LINES TO BE GRADED AND/OR LOWERED TO AVOID PENETRATING FOOTING BEAMS UNLESS SHOWN OTHERWISE. THE TRADE CONTRACTOR IS TO ALLOW FOR ADDITIONAL PIPE LENGTHS & WORK INCLUDING CONSTRUCTION OF ADDITIONAL INSPECTION OPENINGS AS REQUIRED BY THE LOCAL AUTHORITY.
SD5	COORDINATE WITH STRUCTURAL DRAWINGS. NO STEEL REINFORCING BARS TO BE CUT WITHOUT PRIOR WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.
SD6	ALL SUSPENDED CONDENSATE DRAINAGE PIPEWORK IS TO BE INSULATED WITH 10mm 'ABELFLEX', OR APPROVED EQUAL.
SD7	ALL SUSPENDED DRAINAGE LOCATED OVER OFFICES, LABORATORIES, BEDROOMS OR OTHER ACOUSTICALLY SENSITIVE AREAS IS TO BE WRAPPED WITH 'SOUNDLAG 42/45C', OR APPROVED EQUAL.
SD8	THE OVERFLOW RELIEF GULLY (ORG) IS TO COMPLY WITH AS/NZS.3500.2, SANITARY PLUMBING & DRAINAGE - SECTION 4.6.6. GRATE LEVEL: 150mm BELOW FINISHED FLOOR LEVEL. FINISHED SURFACE LEVEL: 75mm BELOW GRATE OR GRADED AWAY.
SD9	ALL IN GROUND AND/OR UNDER SLAB DRAINAGE TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE, EXCEPT FOR DRAINAGE CONNECTING FROM FIXTURES TO FLOOR WASTE GULLIES (FWG), TRAPS, OVERFLOW RELIEF GULLIES (ORG), ETC., WHICH ARE TO BE SIZED AS FOLLOWS: • BASIN (BSN) - 40mm • CLEANER'S SINK (CS) - 50mm • SHOWER (SHR) - 50mm • SINK (SK) - 50mm • TUNDISH (TD) - 50mm
SD10	PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE INVERT LEVEL OF ALL EXISTING CONNECTION POINTS. FAILURE TO IDENTIFY THE CONNECTION POINTS PRIOR TO COMMENCEMENT OF CONSTRUCTION WILL BE THE CONTRACTORS RESPONSIBILITY AND ANY COSTS ASSOCIATED WITH RECTIFICATION.
SD11	ALL DRAINAGE LINES ARE TO BE FLUSHED CLEAN OF DEBRIS PRIOR TO HANDOVER OF WORKS.
SD12	SANITARY DRAINS LAYED IN REACTIVE SOIL SHALL HAVE THE APPROPRIATE MOVEMENT/EXPANSION JOINTS INSTALLED - REFER TO DETAIL SHEET IF APPLICABLE.

NOTES - SANITARY PLUMBING

NUMBER	DESCRIPTION
SP1	ALL SANITARY DRAINAGE PLUMBING IS TO BE UNPLASTICISED POLYVINYL CHLORIDE (uPVC) WITH SOLVENT WELDED JOINTS UNLESS OTHERWISE NOTED.
SP2	ALL TRADE WASTE DRAINAGE PIPEWORK IS TO BE HIGH DENSITY POLYETHYLENE (HDPE) WITH BUTT WELDED JOINTS UNLESS OTHERWISE NOTED.
SP3	ALL BRANCH LINES TO BE GRADED AND/OR LOWERED TO AVOID PENETRATING EXISTING STEEL BEAMS. THE TRADE CONTRACTOR SHALL ALLOW FOR ADDITIONAL PIPE LENGTHS & WORK INCLUDING CONSTRUCTION OF ADDITIONAL INSPECTION OPENINGS AS REQUIRED BY THE LOCAL AUTHORITY.
SP4	COORDINATE WITH STRUCTURAL DRAWINGS. NO STEEL REINFORCING BARS TO BE CUT WITHOUT PRIOR WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.
SP5	ALL ROOF PENETRATIONS TO BE FLASHED WITH 'DEKTITE' FLASHING, COLOURED TO MATCH ROOF. ALL VENTS SHALL BE OFFSET IN ROOF SPACE MINIMUM 600mm FROM EAVES & AS SHOWN ON ARCHITECTURAL DRAWINGS.
SP6	EXPOSED INTERNAL PIPEWORK SHALL BE CHROME PLATED.

NOTES - GAS SERVICE

NUMBER	DESCRIPTION
GAS1	GAS INSTALLATION IS TO BE CARRIED OUT IN ACCORDANCE WITH AS/NZS.5601 & AS/NZS. 1596 (FOR LP GAS) & THE REQUIREMENTS OF THE REGULATORY AUTHORITY.
GAS2	IN GROUND GAS SERVICE IS TO BE INSTALLED IN POLYETHYLENE PIPE PE80 PN12.5, WITH ELECTRO-FUSION WELDED JOINTS. LAY DETECTABLE MARKER TAPE IN TRENCH, 300mm ABOVE THE OBVERT OF THE PIPE.
GAS3	INSTALL PIPEWORK SO IT IS CONCEALED WITHIN DUCTS OR NON-HABITABLE ENCLOSED SPACES & DOES NOT APPEAR ON EXTERNAL WALLS.
GAS4	LOCATE PIPE FITTING THAT REQUIRE PERIODIC SERVICING OR MAINTENANCE, INCLUDING CONTROL VALVES & JOINTS DESIGNED TO ENABLE THE REMOVAL OF PIPES IN ACCESSIBLE POSITIONS WITH ADEQUATE CLEARANCE & VENTILATION.

NOTES - FIRE SERVICES

NUMBER	DESCRIPTION
FS1	IN GROUND FIRE SERVICE IS TO BE CONSTRUCTED OF MEDIUM DENSITY POLYETHYLENE (MDPE) PE100 PN16 WITH ELECTRO-FUSION WELDED JOINTS. THE INSTALLATION IS TO BE IN ACCORDANCE WITH AS.2033, AS.2419 & THE MANUFACTURER'S RECOMMENDATIONS.
FS2	IN GROUND FIRE SERVICE IS TO BE CONSTRUCTED OF CLASS 16 HIGH PRESSURE HEAVY DUTY UNPLASTICISED POLYVINYL CHLORIDE (uPVC), WITH DUCTILE IRON PRESSURE FITTINGS. THE INSTALLATION IS TO BE IN ACCORDANCE WITH AS.2033, AS.2419 & THE MANUFACTURER'S RECOMMENDATIONS.
FS3	ABOVE GROUND/INTERNAL FIRE SERVICES ARE TO BE OF GALVANISED MILD STEEL (MEDIUM DUTY) PIPEWORK WITH VICTAULIC JOINTS. THE INSTALLATION IS TO BE IN ACCORDANCE WITH AS.2033, AS.2419 & THE MANUFACTURER'S RECOMMENDATIONS.
FS4	FIRE HOSE REELS ARE TO BE 36m IN LENGTH & IN ACCORDANCE WITH AS.1221, AS.2441 & THE BUILDING CODE OF AUSTRALIA.
FS5	FIRE HYDRANT SYSTEM TO COMPLY WITH AS.2419 & THE BUILDING CODE OF AUSTRALIA.
FS6	FIRE SERVICE PIPEWORK TO BE IDENTIFIED IN ACCORDANCE WITH AS.1345.
FS7	SYSTEM ISOLATION VALVES TO BE METAL STRAPPED, PADLOCKED OPEN & LABELLED WITH A NON-FERROUS METAL TAG WITH 8mm UPPER CASE WORDING: "FIRE SERVICE VALVE: CLOSE ONLY TO SERVICE FH/FHR SYSTEM"
FS8	SLUICE VALVES TO BE RESILIENT SEATED EPOXY COATED IN CONCRETE VALVE CHAMBER IN COMPLIANCE WITH AS.2419.
FS9	INSTALL CONCRETE THRUST BLOCKS TO ALL TEES, BENDS & DEAD LEGS OF ALL IN GROUND SERVICES.

NOTES - WATER SERVICES

NUMBER	DESCRIPTION
WS1	ALL PIPEWORK UNDER BUILDINGS IS TO BE POLYETHYLENE PIPE & IS TO BE INSTALLED IN SUCH A MANNER SO AS TO BE FULLY RETRIEVABLE.
WS2	ALL PIPEWORK ABOVE GROUND IS TO BE COPPER PIPE, IN ACCORDANCE WITH AS.1432 - 1990 TABLE 2, TYPE "B" TUBES.
WS3	IN GROUND WATER SERVICES ARE TO BE MEDIUM DENSITY POLYETHYLENE (MDPE) PE100 PN16 WITH ELECTRO-FUSION WELDED FITTINGS. TO CONFORM WITH AS/NZS 4131.
WS4	DUCTILE IRON PIPES TO BE IN ACCORDANCE WITH AS.2280 - 1998.
WS5	INSTALL CONCRETE THRUST BLOCKS TO ALL TEES, BENDS & DEAD ENDS OF ALL IN GROUND SERVICES OF Ø100 & ABOVE.
WS6	HOT WATER PIPEWORK IS TO BE INSULATED WITH PREFORMED SECTIONED FOAM WITH FACTORY APPLIED REINFORCED ALUMINIUM COVERING - 'THERMOTEC 4-ZERO', OR APPROVED EQUAL. THE MINIMUM INSULATION THICKNESS IS TO BE: • 25mm FOR PIPES LESS THAN 50mm DIAMETER • 38mm FOR PIPES EQUAL OR GREATER THAN 50mm DIAMETER
WS7	HOT WATER PIPEWORK IN PLANTROOMS & EXTERNALLY EXPOSED IS TO HAVE PROTECTIVE METAL SHEATHING INSTALLED.
WS8	PIPEWORK IS NOT TO BE ENCASED IN WALLS. HOWEVER, WHERE THIS IS UNAVOIDABLE, THE PIPEWORK IS TO BE INSTALLED WITH 'KEMLAG' INSULATION.
WS9	CONNECTIONS TO EXISTING WATER MAINS ARE TO BE CARRIED OUT BY RELEVANT AUTHORITY AT THE TRADE CONTRACTOR'S EXPENSE.
WS10	ALL HOSE COCKS SHALL BE INSTALLED WITH VACUUM BREAKERS IN ACCORDANCE WITH AS/NZS.3500.
WS11	ALL CONTROL VALVES IN CEILING SPACES & DUCTS SHALL BE LABELLED WITH CIRCULAR BRASS DISCS, STAMPED WITH LETTERING PUNCHES FOR THEIR RESPECTIVE FUNCTION & FIXED TO SPINDLE USING BRASS CHAIN.
WS12	EXPOSED INTERNAL PIPE WORK SHALL BE CHROME PLATED COPPER.
WS13	ALL PIPEWORK SHALL BE CONCEALED WHERE POSSIBLE.
WS14	ALLOW FOR EXPANSION & CONTRACTION ON ALL PIPEWORK IN ACCORDANCE WITH AS/NZS.3500.
WS15	WATER SUPPLY SHALL BE LIMITED TO 500 kPA IN ACCORDANCE WITH AS/NZS.3500, SECTION 3, CLAUSE 3.3.4.
WS16	ALL COLD WATER PIPES TO A SINGLE FIXTURE SHALL BE 15m FOR A MAXIMUM OF 3000mm.

NOTES - RAINWATER REUSE

NUMBER	DESCRIPTION
RR1	ALL COMPONENTS OF A WATER SUPPLY SYSTEM INTENDED FOR RAINWATER TANK APPLICATIONS MUST COMPLY WITH THE PLUMBING & DRAINAGE 2002 (Act) & PUBLIC REQUIREMENTS.
RR2	INTERNAL FIXTURES SUPPLIED FROM A RAINWATER TANK MUST INCORPORATE ACCEPTABLE MEASURES TO PREVENT WATER FROM THE RAINWATER TANK ENTERING THE RETICULATED WATER SUPPLY NETWORK.
RR3	ALL DOWNPIPES CONNECTED TO THE RAINWATER TANK MUST BE PROVIDED WITH A MESHED RAINHEAD HAVING OPENINGS NO SMALLER THAT 4mm & NO LONGER THAN 6mm & SHALL BE DESIGNED TO PREVENT LEAVES FROM ENTERING THE DOWNPIPE.
RR4	GREEN COLOURED IDENTIFICATION TAPE MARKED "CAUTION RAINWATER LINE BURIED BELOW" SHOULD BE USED TO IDENTIFY: • UNDERGROUND STORMWATER PIPES TO THE TANK. • UNDERGROUND WATER SUPPLY PIPES FROM THE TANK. • IDENTIFICATION TAPE IS TO BE LAID ABOVE THE PIPES & WITHIN THE TRENCH. • IDENTIFICATION MARKINGS SHOULD COMPLY WITH AS.1345. THE WASHING MACHINE COLD WATER OUTLET SHOULD BEIDENTIFIED AS RAINWATER WITH ONE OF THE FOLLOWING: - A TAP BUTTON - A GREEN COLOURED INDICATOR WITH THE LETTERS "RW" - A SIGN SIMILAR TO THAT SPECIFIED FOR OUT DOOR OUTLETS
RR5	RAIN WATER HARVESTING SYSTEM SHOULD BE CONSTRUCTED & PROPERLY MAINTAINED TO PREVENT ENTRY & BREEDING OF MOSQUITOES & OTHER VERMIN. REQUIREMENTS INCLUDE THE INSTALLATION OF MOSQUITO PROOF SCREENS ON OPENINGS MADE FROM BRASS, COPPER, ALUMINIUM OR STAINLESS STEEL. THE NETTING OF THE SCREEN SHOULD BE 1mm OR FINER. VERMIN TRAPS ARE ALSO REQUIRED TO PREVENT ENTRY OF VERMIN . MATERIALS USED FOR MOSQUITO & VERMIN CONTROL SHOULD BE MADE FROM MATERIALS COMPATIBLE WITH THE MATERIALS USED ON THE OPENING TO PREVENT TANK DETERIORATION.
RR6	RAINWATER TANK OPENING SHOULD HAVE SUITABLE CONSTRUCTED BARRIERS THAT PREVENT ENTRY OF CHILDREN, ANIMALS, INSECTS & RUBBISH. ALL TANKS ARE TO BE CONSTRUCTED IN A MANNER THAT PREVENTS ENTRY OF SURFACE WATER, STORMWATER & GROUND WATER.

REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
A	30.03.21	DA ISSUE	CM	JC	CM

STATUS: **PRELIMINARY** — NOT FOR CONSTRUCTION

SCALE:

CLIENT: Evolution MINING

PROJECT: **CGO ACCOMODATION VILLAGE** — WEST WYALONG, NSW

DRAWING TITLE: **DRAWING NOTES**

PROJECT No.	DRAWING No.	REVISION
21-000050.02	BR-H5502	A

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1 No. 50,000L POTABLE WATER STORAGE BREAK TANK. 5m DIA. x 2.5m HIGH. TO PROVIDE 24 HOURS SUPPLY IN CASE OF LOCAL AUTHORITY DISRUPTION. POTABLE WATER PRESSURE BOOSTING PUMP-SET TO BE LOCATED IN WEATHER PROOF ENCLOSURE. SPATIAL = 2m LONG x 2m WIDE x 2.1m HIGH

LOCAL AUTHORITY SEWER MAIN 150mm

CONNECT NEW SANITARY DRAINAGE TO NEW SEWER PROPERTY CONNECTION STUBS INSTALLED ON EXISTING SEWER.

CONNECT NEW SANITARY DRAINAGE TO NEW SEWER PROPERTY CONNECTION STUBS INSTALLED ON EXISTING SEWER.

LOCAL AUTHORITY SEWER MAIN 150mm

H5511

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REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
A	30.03.21	DA ISSUE	CM	JC	CM

STATUS

PRELIMINARY

NOT FOR CONSTRUCTION

SCALE

CLIENT

Evolution MINING

PROJECT

CGO ACCOMODATION VILLAGE

WEST WYALONG, NSW

DRAWING TITLE

HYDRAULICS SITE PLAN NORTH

PROJECT No.	DRAWING No.	REVISION
21-000050.02	BR-H5510	A

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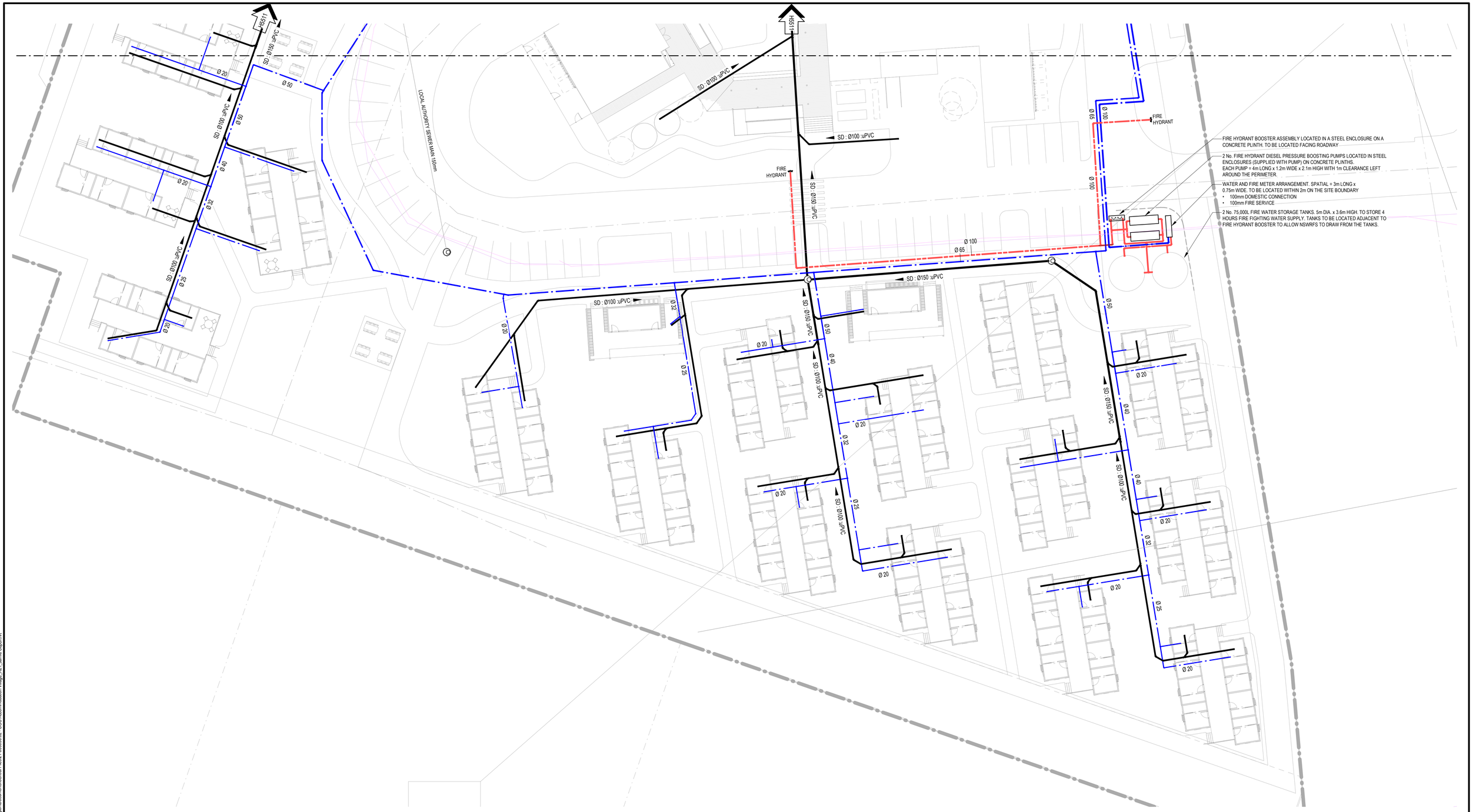

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REVISION	DATE	ISSUE DETAILS	DESIGN	DRAWN	CHECK
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STATUS

PRELIMINARY

NOT FOR CONSTRUCTION

SCALE

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SCALE: 1:100

CLIENT

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PROJECT

CGO ACCOMODATION VILLAGE

WEST WYALONG, NSW

DRAWING TITLE

HYDRAULICS SITE PLAN SOUTH

PROJECT No.	DRAWING No.	REVISION
21-000050.02	BR-H5511	A

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1-18
BUS WAY
RING ROAD
2-A
2-B
2-C
2-D
2-E
2-F
2-G
2-01
2-02
2-03
2-04
2-05
2-06
ELEVATED DECK
HAND WASH STATION
AIRLOCK
11.42 m²
DINING AREA
OFFICE RECEPTION
44.61 m²
COMPUTER NOOK
BREATH LYSER
MAIL
3.65 m²
FIP/EDB
SECURITY OFFICE
8.10 m²
TREATMENT
12.76 m²
COMMERCIAL KITCHEN & SERVERY
FINAL LAYOUT SUBJECT TO DESIGN DEVELOPMENT AND DETAILED ADVICE FROM KITCHEN CONSULTANT
ACC
5.67 m²
CLEANERS
7.70 m²
FEMALE
12.39 m²
ACC
5.27 m²
MALE
12.23 m²
COMMERCIAL LAUNDRY
46.15 m²
COLD/COOL ROOM
19.10 m²
REFUSE ROOM
19.09 m²
DRY STORE
19.60 m²
ON GRADE REFUSE
19.60 m²
ROLLER DOOR
COMMS
16.77 m²
NURSING
16.57 m²
HEAT PUMP & TANKS TO HYD ENGINEER'S DETAIL
LOUVRE
TANK
HEAT PUMP
Min. CLEARANCE REQUIREMETS
HEAT PUMP HOT WATER UNIT WITH 3 No. STORAGE TANKS. HEAT PUMP UNIT LOCATED ADJACENT LOURVED VENTILATION SCREEN
MECH
SUSPENDED LOADING DOCK
MAINTENANCE
93.96 m²
SMSB
MSSB
GENSET
LOADING BAY
800
1000
1025
1300
21X EXTERNAL BICYCLE PARKING
3 X LP GAS BOTTLES
TREES TO BE DEMOLISHED SHOWN DASHED
1,000 LITRE IN-GROUND COOLING/LINT TRAP WITH HEAVY DUTY ACCESS LIDS. SIZE TO BE CONFIRMED ONCE LAUNDRY FIXTURES ARE CONFIRMED.
2,000 LITRE IN-GROUND GREASE INTERCEPTOR TRAP WITH HEAVY DUTY ACCESS LIDS. SIZE TO BE CONFIRMED ONCE KITCHEN FIXTURES ARE CONFIRMED.
3.5m HIGH PRIVACY SCREEN TO PLANT ENCLOSURE SHOWN DASHED
2A & 2B EXTERNAL FINISHES TO ALL EXTERNAL WALLS UNLESS NOTED OTHERWISE WALL TYPE CONSTRUCTION TO COMPLY WITH SECTION J REQUIREMENTS.
HANDRAILS TO ALL ELEVATED RAMPS AS SPECIFIED
FULL HEIGHT ALUMINIUM FRAMED WINDOWS TO COMPLY WITH SECTION J - NCC2019
ALLOW FOR TGSI TO ALL STAIRS AND RAMPS TO COMPLY WITH AS1428.1
QUANDONG TREE CLUSTER TO BE RETAINED AND PROTECTED
EXTERNAL COURTYARD
ALL EXISTING TREES TO BE RETAINED AND PROTECTED DURING CONSTRUCTION UNLESS NOTED OTHERWISE
MULTIFUNCTION ROOM
141.02 m²
BIKE STORE
28.92 m²
DRY BAR / KITCHENETTE
FEMALE
7.56 m²
MALE
7.56 m²
ACC
6.72 m²
MECH + HYD
13.87 m²
QUIET ROOM
23.22 m²
PRAYER ROOM
11.76 m²
FUTURE TANK
TANK
4000
3600
315L ELECTRIC HEAT PUMP HOT WATER UNIT ON WEATHER PROOF BASE.
2 No. 23,000L RAINWATER HARVESTING TANKS. 3.8m DIAMETER x 2.4m HIGH. ALLOW AT LEAST 600mm AROUND THE PERIMETER FOR ACCESS.
THE PRESSURE BOOSTING PUMP AND BACKWASH FILTER WILL NEED TO BE POSITIONED IN A WEATHER PROOF LOCKABLE ENCLOSURE POSITIONED NEAR THE TANKS. ENCLOSURE SIZE = 1.5m WIDE x 0.7m DEEP AND 1.5m HIGH.
WATER HARVESTING TANKS SHOWN DASHED TO HYDRAULIC ENG. DETAIL
AR-1201
AR-1202
UP

1 GENERAL ARRANGEMENT PLAN - GROUND
AR-1201 1 : 100

Client

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Builder and/or subcontractors shall verify all project dimensions before commencing on-site work or off-site fabrication. Figured dimensions shall take precedence over scaled dimensions. This drawing is copyright and cannot be reproduced in whole or in part by any medium without the written permission of Nettleton Tribe Partnership Pty Ltd.

Project Manager

CURRAJONG
PLANNING, PROPERTY + PROJECT MANAGEMENT

Project Name
ACCOMMODATION VILLAGE, WEST WYALONG

Project Address
West Wyalong

Key Plan
0 2000 5000

calibre

SKETCH NO.	21-000050.02-H-SK02 [B]
PROJECT:	CGO ACCOMMODATION VILLAGE
BY : CJM	CHECKED :	DATE : 29.03.2021

REMARKS:
CONCEPT SKETCH - CENTRAL BUILDING
PLANT SPATIAL REQUIREMENTS
HYDRAULIC SERVICES

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