

MELBOURNE ENERGY & RESOURCE CENTRE

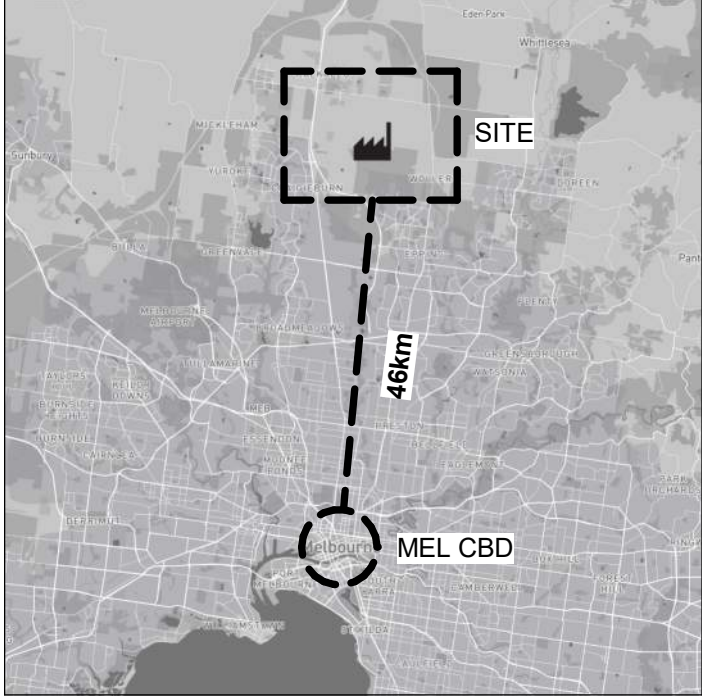
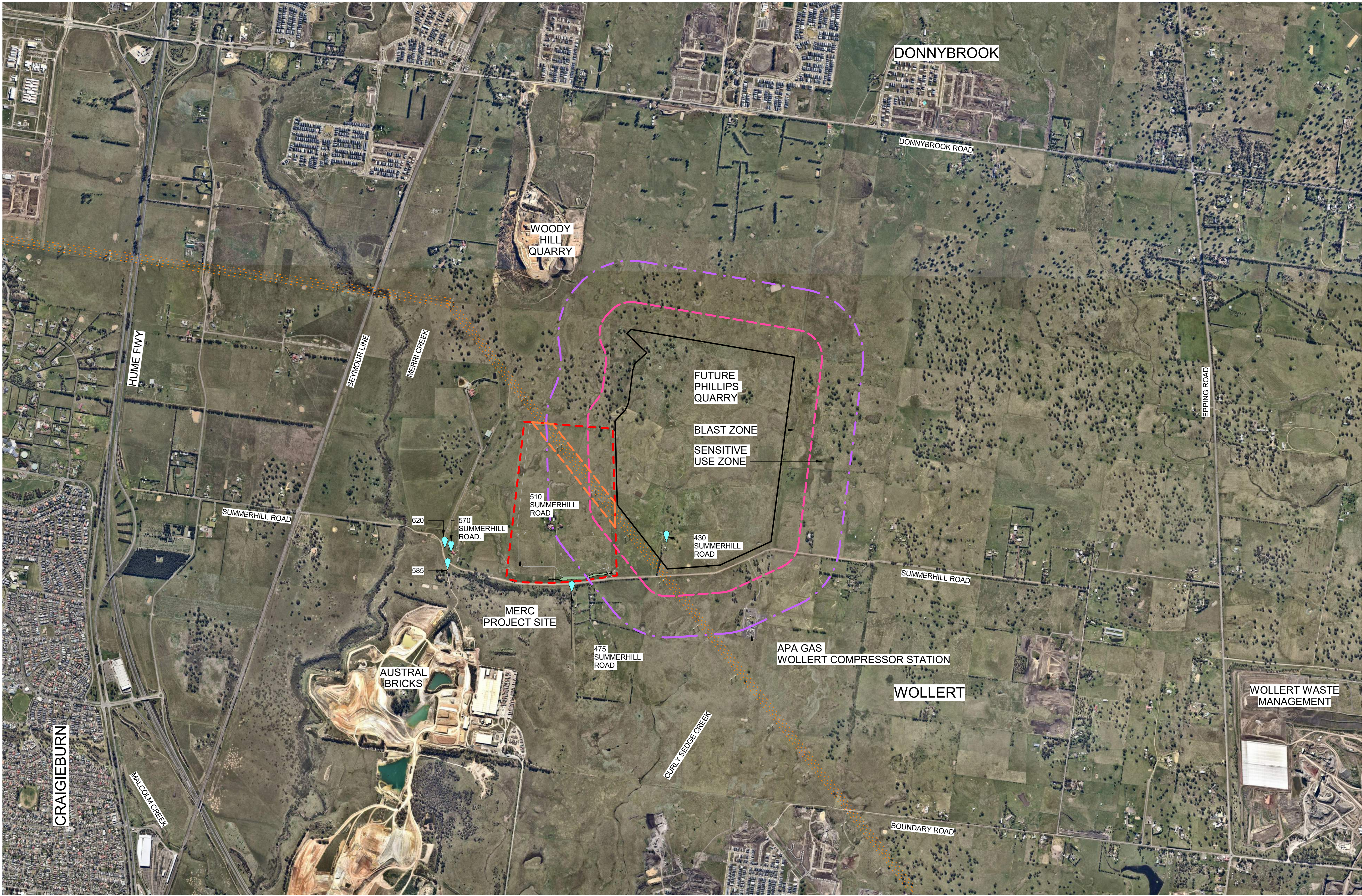
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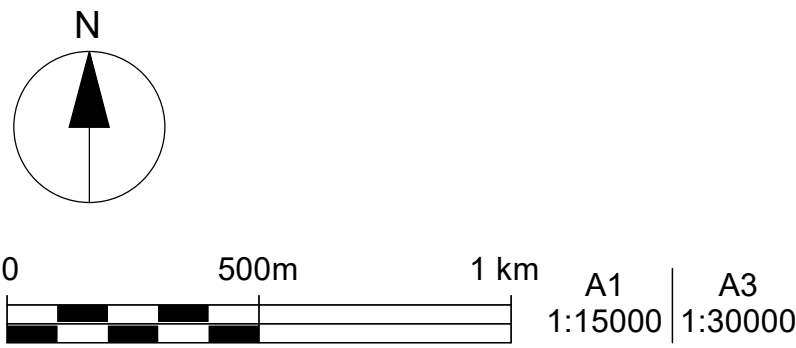


- LEGEND**
- PHILLIPS QUARRY PROPOSED EXTRACTION BOUNDARY
 - EXTENT OF QUARRY BLAST BUFFER
 - EXTENT OF QUARRY SENSITIVE USE BUFFER
 - EXISTING ELECTRICITY EASEMENT
 - EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
 - SITE BOUNDARY
 - NEAREST SENSITIVE RECEPTORS

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Issue	Date	By	Chkd	Appd
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Tract Comments	07/06/23	ZR	GF	BP
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client
CLEANAWAY
Making a sustainable future possible

Architectural Certification
Name: _____
Signature: _____ Date: _____

Job Title
MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1
1 : 15000

Discipline
ARCHITECTURE

ARUP

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 16 000 956 165

Drawing Title
GENERAL ARRANGEMENT
SITE
GREATER CONTEXT

Drawing Status
S4 - SHARED FOR STAGE APPROVAL

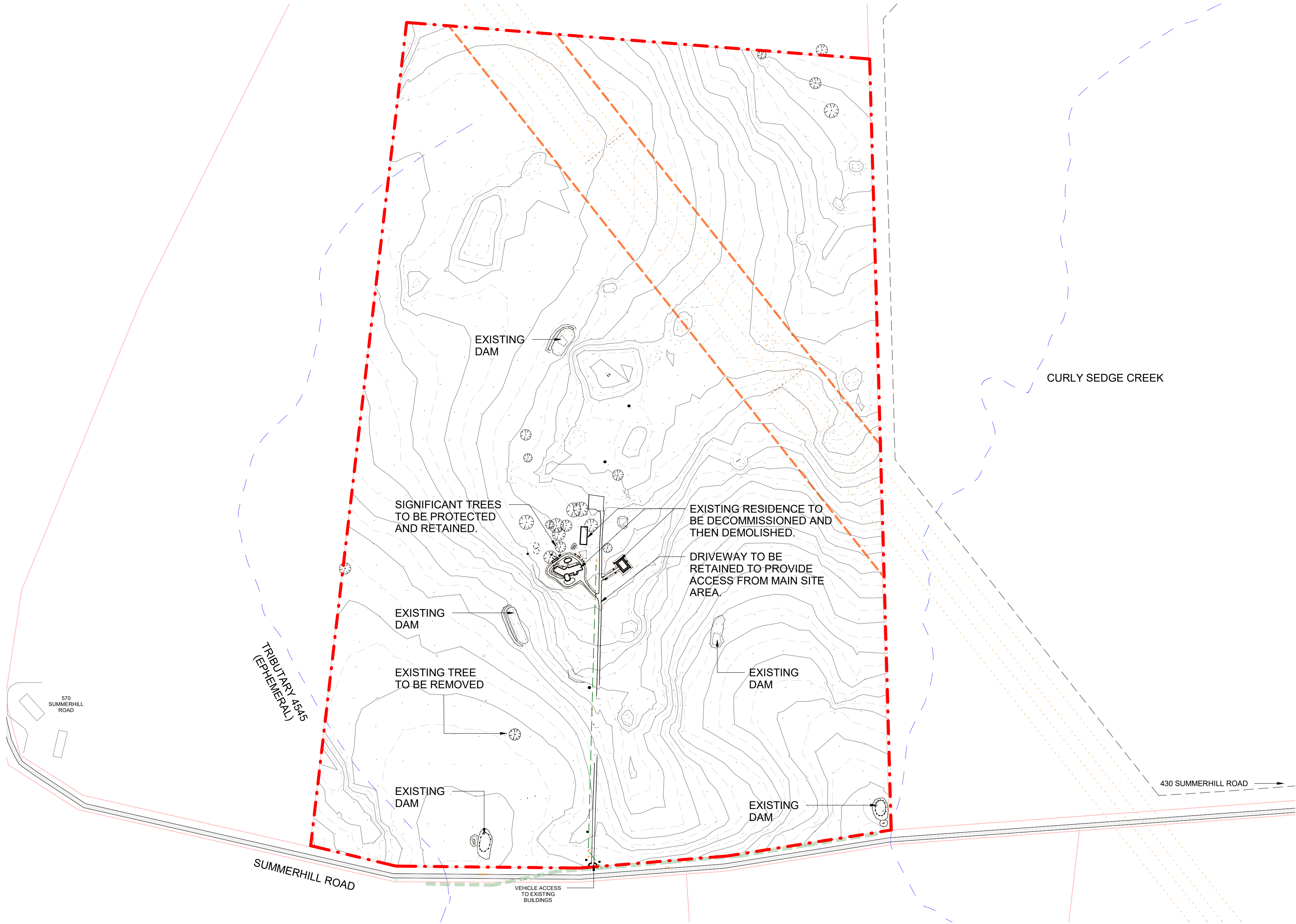
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287710-00	MERC-ARU-MEL-ARAR-DRG-1000	4

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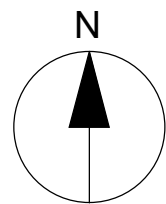
ADVERTISED PLAN

LEGEND

- PHILLIPS QUARRY PROPOSED EXTRACTION BOUNDARIES
- SITE BOUNDARY
- EXISTING CADASTRE
- EXISTING TRIBUTARIES
- EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
- EXISTING ELECTRICITY EASEMENT
- EXISTING OVERHEAD 66kV CONNECTION LINE
- EXISTING OVERHEAD 66kV DISTRIBUTION MAIN



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0 100 m 200m A1 1:3000 A3 1:6000

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Issue	Date	By	Chkd	Appd
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DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name: Signature: Date:

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1 1 : 3000

Discipline ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



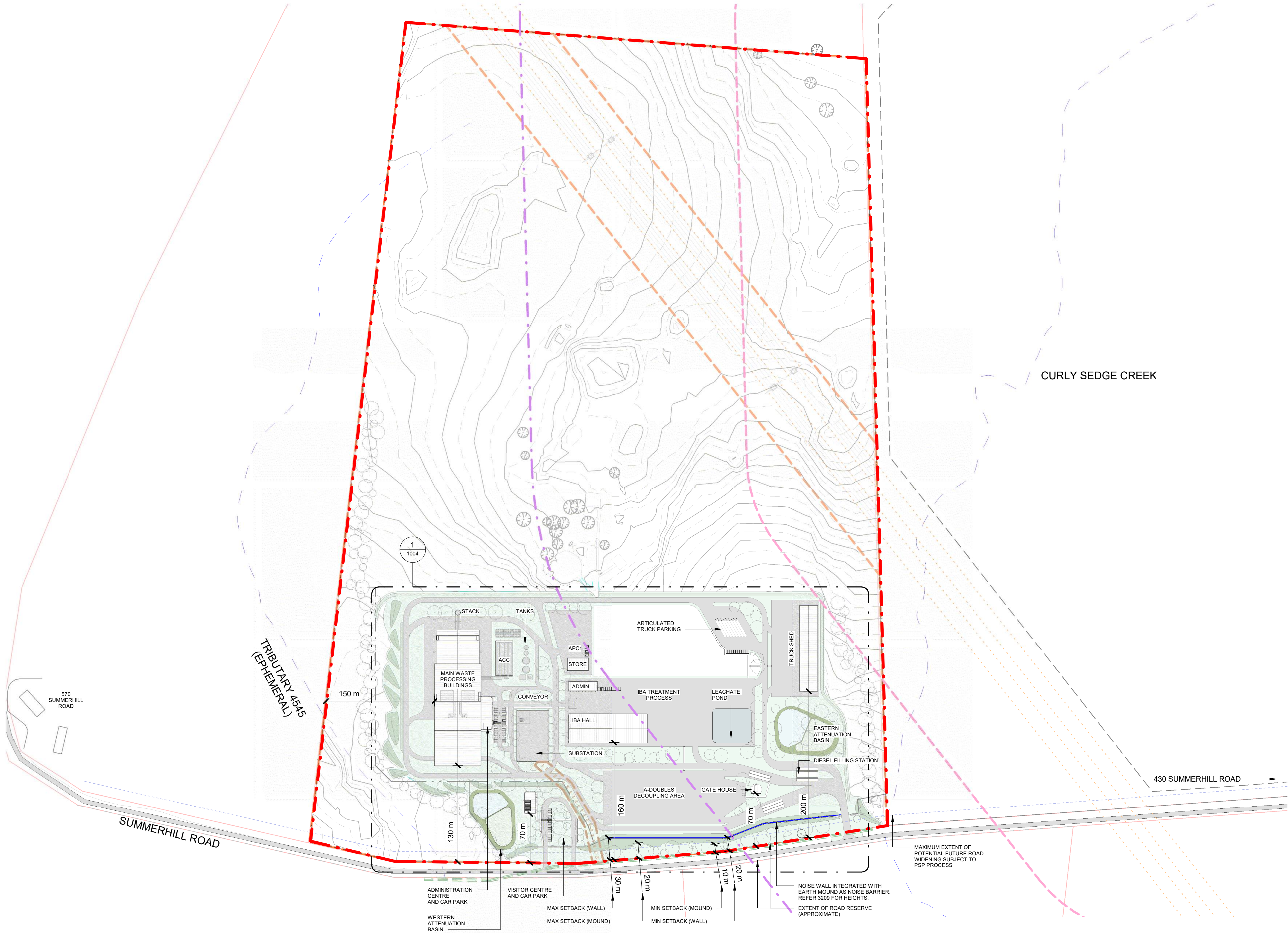
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GENERAL ARRANGEMENT
SITE
EXISTING

Drawing Status
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Job No 287710-00 Drawing No MERC-ARU-MEL-ARAR-DRG-1001 Issue 4

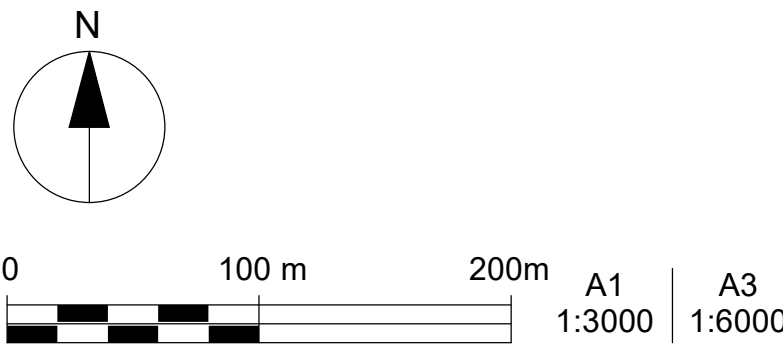
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ADVERTISED PLAN



- LEGEND
- PHILLIPS QUARRY PROPOSED EXTRACTION BOUNDARIES
 - SITE BOUNDARY
 - EXISTING CADASTRE
 - EXISTING TRIBUTARIES
 - EXTENT OF QUARRY BLAST BUFFER
 - EXTENT OF QUARRY SENSITIVE USE BUFFER
 - EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
 - EXISTING HIGH VOLTAGE ELECTRICITY EASEMENT
 - EXISTING OVERHEAD 66kV DISTRIBUTION MAIN
 - MAXIMUM EXTENT OF POTENTIAL FUTURE ROAD WIDENING SUBJECT TO PSP PROCESS
 - EXTENT OF ROAD RESERVE (APPROXIMATE)
 - PROPOSED OVERHEAD 66kV CONNECTION LINE
 - PROPOSED ELECTRICITY EASEMENT
 - PROPOSED FENCELINE
 - PROPOSED NOISE WALL
 - PROPOSED PLANTING
 - LANDSCAPE MOUNDS
 - LEACHATE POND
 - BIORETENTION BASIN
 - ON-SITE DETENTION BASIN
 - ATTENUATION BASIN PERIMETER PLANTING

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd
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EPA Comments	01/12/23	ZR	BP	NB
Tract Comments	11/08/23	ZR	BP	NB
Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	VC	MG
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
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Architectural Certification

Name: _____

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1 1 : 3000

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title

GENERAL ARRANGEMENT
SITE
OVERALL

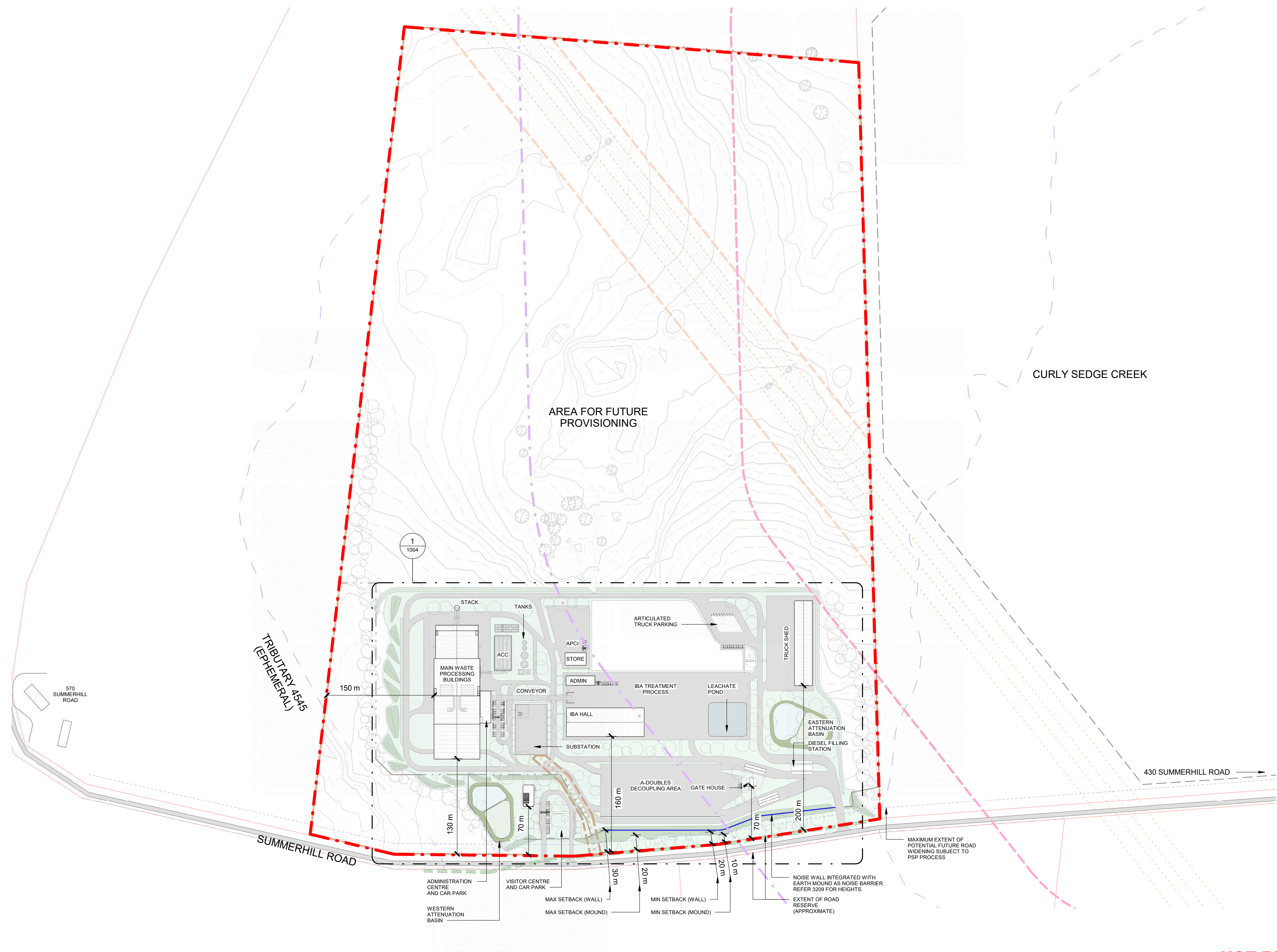
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S4 - SHARED FOR STAGE APPROVAL

Job No	Drawing No	Issue
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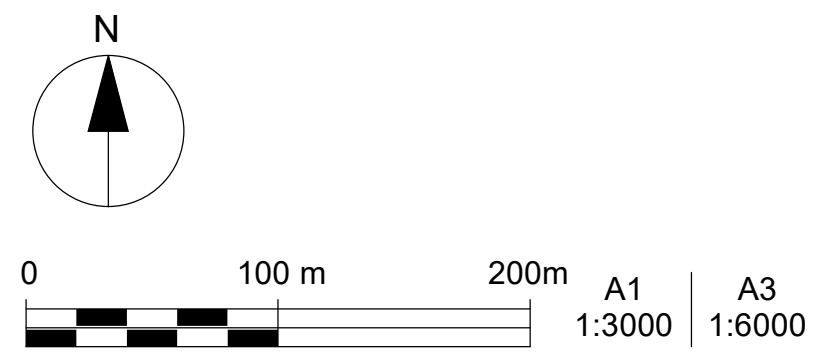
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ADVERTISED PLAN



- LEGEND**
- PHILLIPS QUARRY PROPOSED EXTRACTION BOUNDARIES
 - SITE BOUNDARY
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 - EXISTING TRIBUTARIES
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 - EXTENT OF QUARRY SENSITIVE USE BUFFER
 - EXISTING OVERHEAD HIGH VOLTAGE TRANSMISSION LINE
 - EXISTING HIGH VOLTAGE ELECTRICITY EASEMENT
 - EXISTING OVERHEAD 66KV DISTRIBUTION MAIN
 - MAXIMUM EXTENT OF POTENTIAL FUTURE ROAD WIDENING SUBJECT TO PSP PROCESS
 - EXTENT OF ROAD RESERVE (APPROXIMATE)
 - PROPOSED OVERHEAD 66KV CONNECTION LINE
 - PROPOSED ELECTRICITY EASEMENT
 - PROPOSED FENCELINE
 - PROPOSED NOISE WALL
 - PROPOSED PLANTING
 - LANDSCAPE MOUNDS
 - LEACHATE POND
 - BIORETENTION BASIN
 - ON-SITE DETENTION BASIN
 - ATTENUATION BASIN PERIMETER PLANTING

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd
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Tract Comments	11/08/23	ZR	BP	NB
Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	VC	MG
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client
CLEANAWAY
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Architectural Certification
Name: _____ Date: _____
Signature: _____

Job Title
MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1
1 : 3000

Discipline
ARCHITECTURE

ARUP

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 18 000 966 165

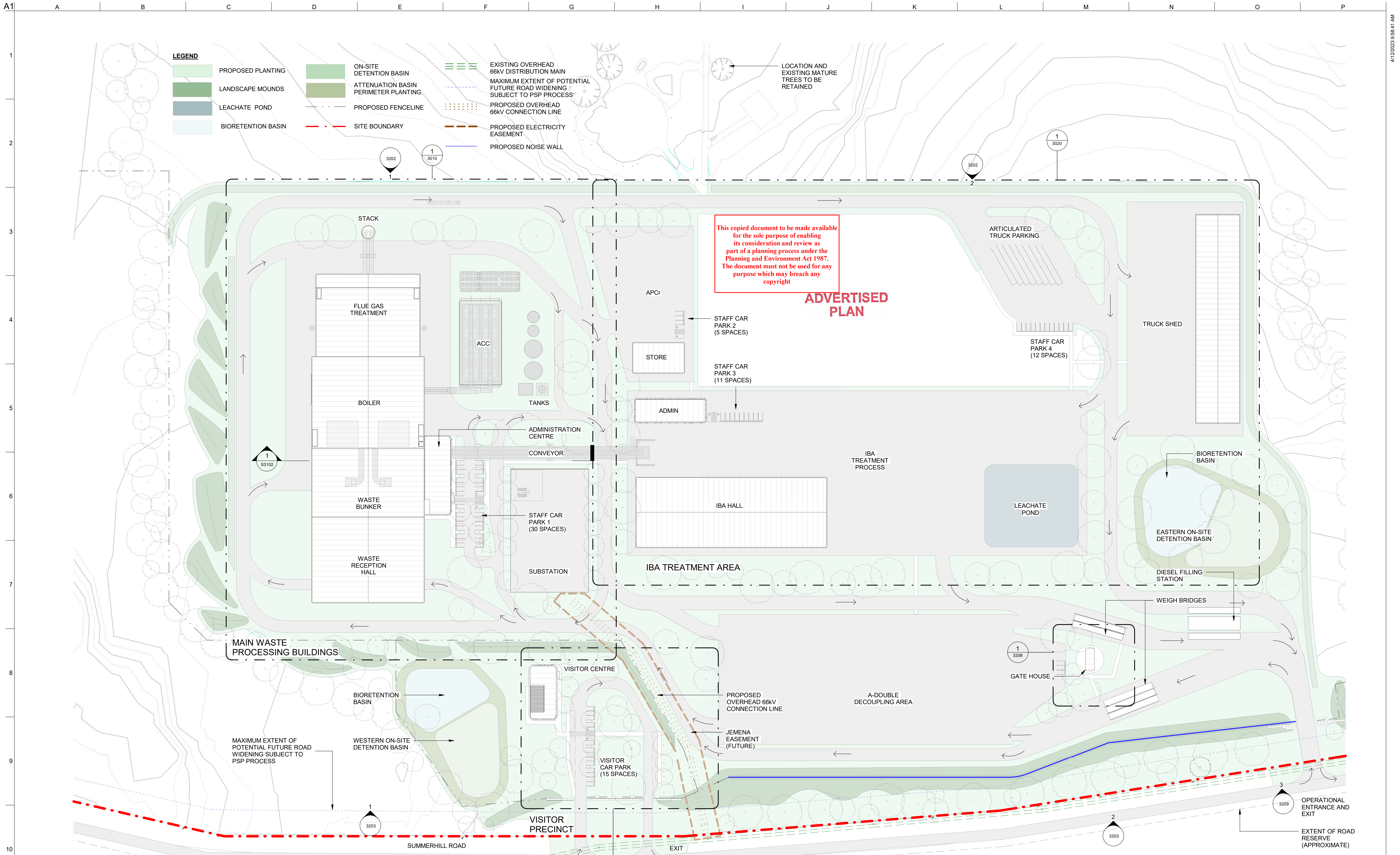
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GENERAL ARRANGEMENT SITE INCLUDING AREA OF FUTURE PROVISIONING

Drawing Status
S4 - SHARED FOR STAGE APPROVAL

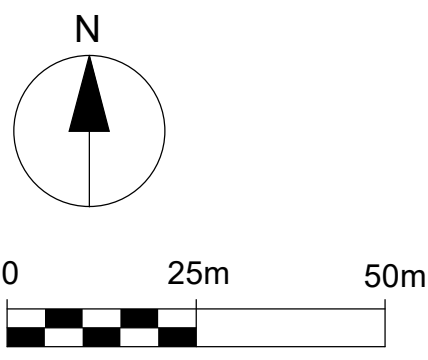
Job No
287710-00

Drawing No
MERC-ARU-MEL-ARAR-DRG-1003

Issue
6



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A1 1:1000
A3 1:2000

Issue	Date	By	Chkd	Appd
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EPA Comments	01/12/23	ZR	BP	NB
Tract Comments	11/08/23	ZR	BP	NB
Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	VC	MG
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client


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Architectural Certification

Name: _____

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 1000

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia


CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title

GENERAL ARRANGEMENT
SITE
STAGE 1

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

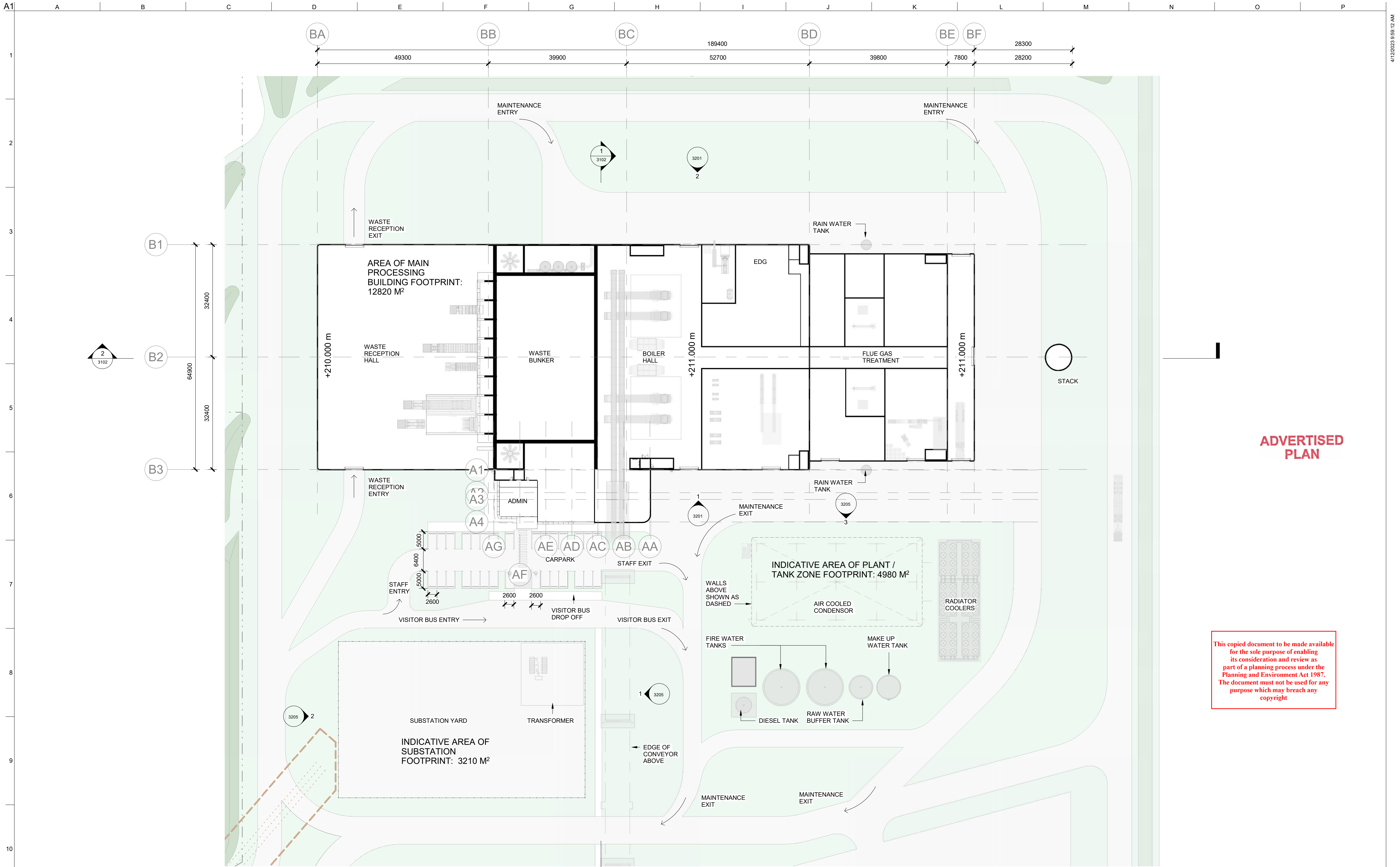
Drawing No

MERC-ARU-MEL-ARAR-DRG-1004

Issue

6

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Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

Tract	Comments	Date	By	Chkd	Appd
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DTP	Comments	27/04/23	ZR	GF	BP
DTP	Comments	24/04/23	ZR	GF	BP
Initial	Comments	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd	

Client

CLEANAWAY

Making a sustainable future possible

Architectural Certification

Name: _____

Signature: _____

Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 500

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title

GENERAL ARRANGEMENT
GROUND FLOOR
MAIN PROCESSING BUILDINGS

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

Drawing No

MERC-ARU-MEL-ARAR-DRG-3010

Issue

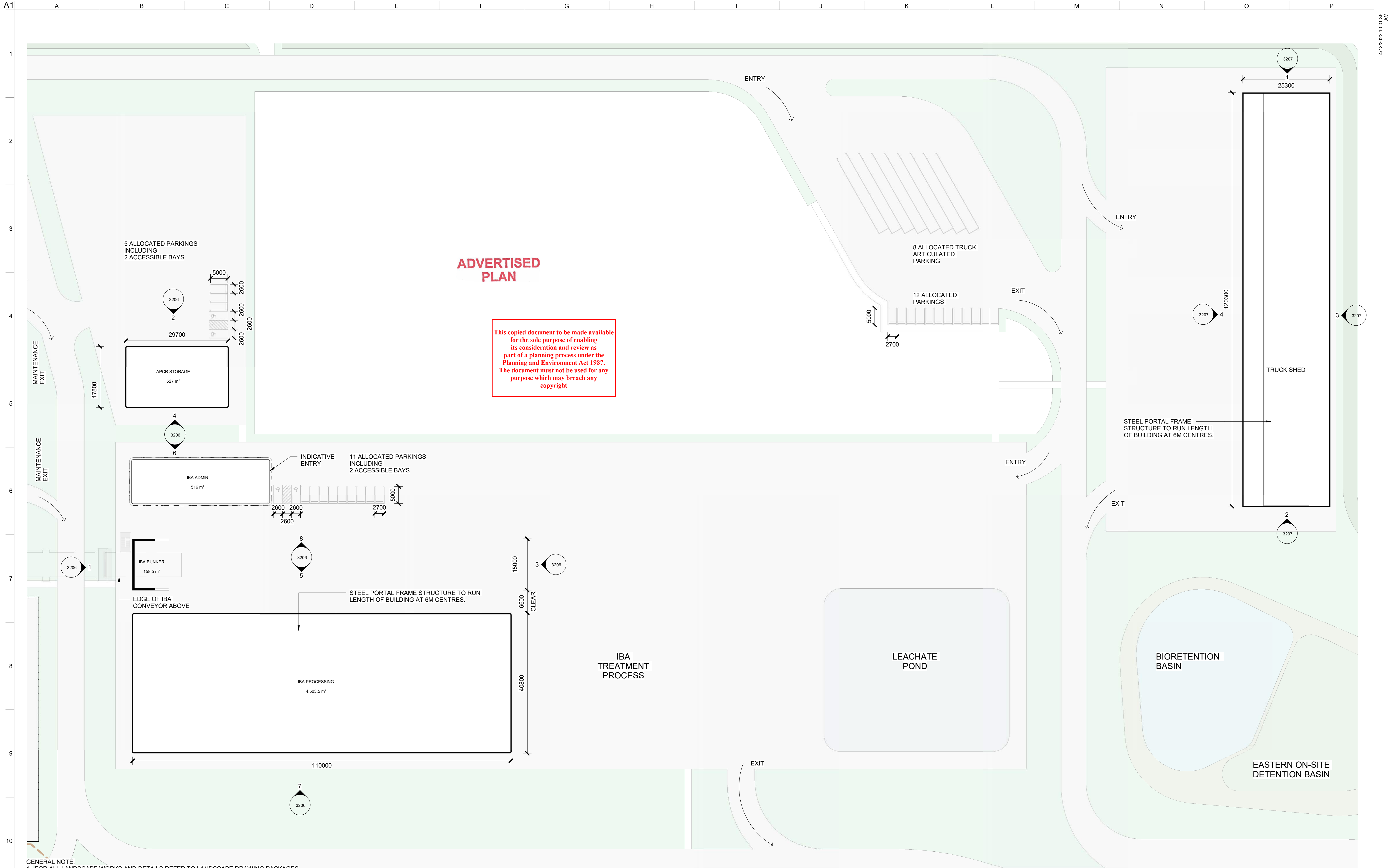
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A3

1:1000

Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

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DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY

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Architectural Certification

Name:

Signature: Date:

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 500

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wookwurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title

GENERAL ARRANGEMENT
GROUND FLOOR
IBA PROCESSING BUILDINGS

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

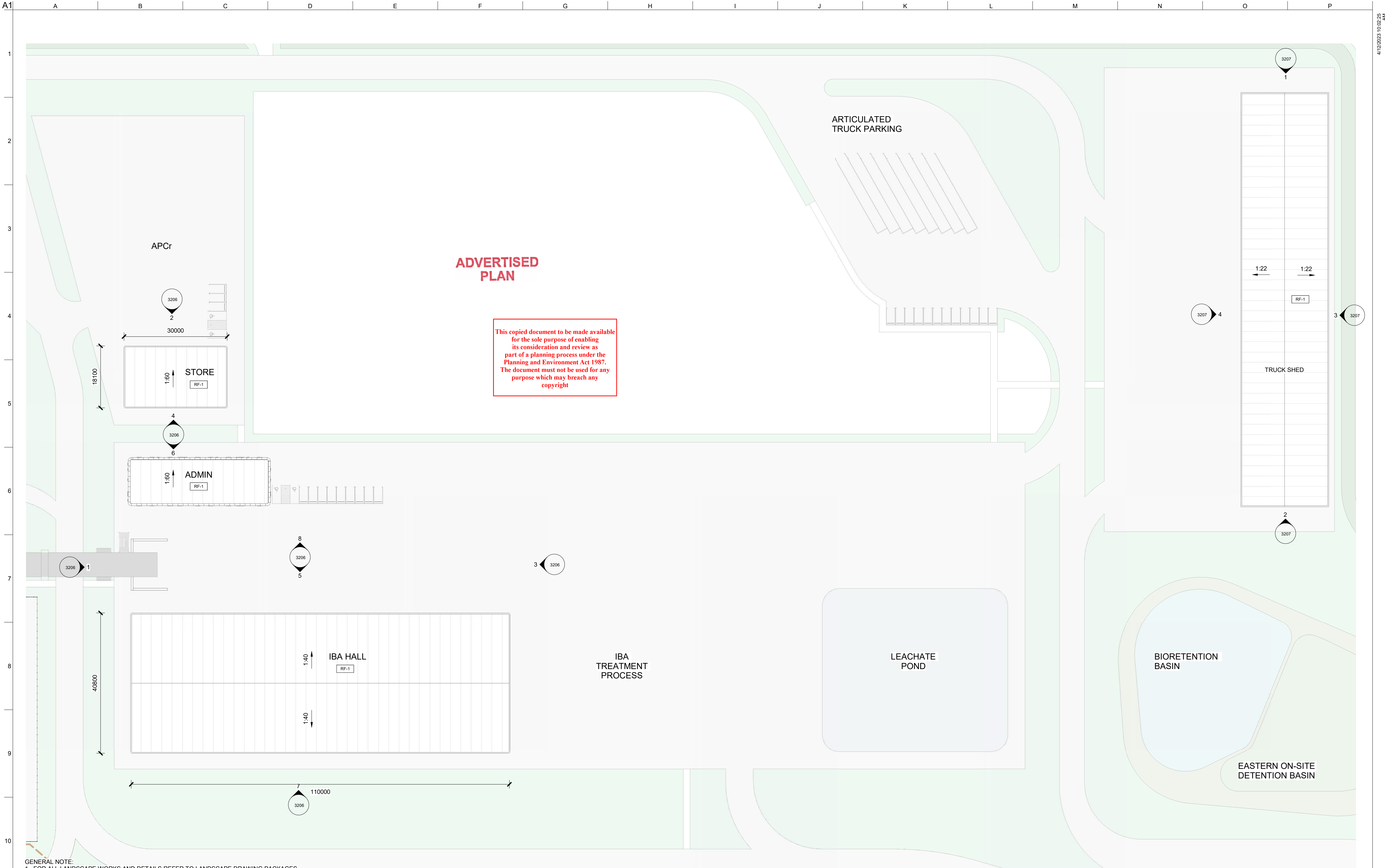
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MERC-ARU-MEL-ARAR-DRG-3020

Issue

4

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Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	GF	BP
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DTP Comments	27/04/23	ZR	GF	BP
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Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY

Making a sustainable future possible

Architectural Certification

Name: _____

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 500

Discipline

ARCHITECTURE

ARUP

Wurundjeri Woiwurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title

GENERAL ARRANGEMENT
ROOF
IBA PROCESSING BUILDINGS

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

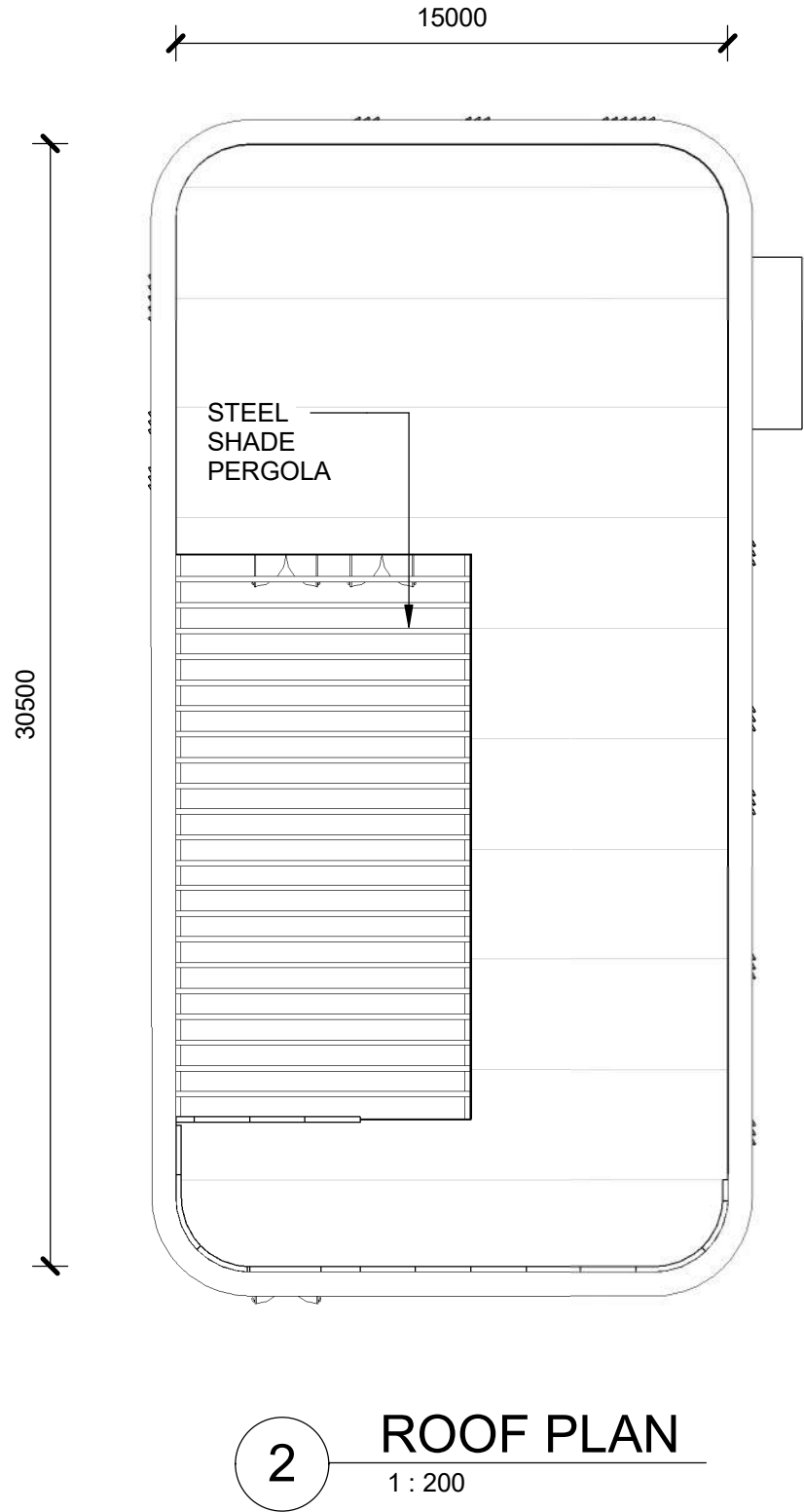
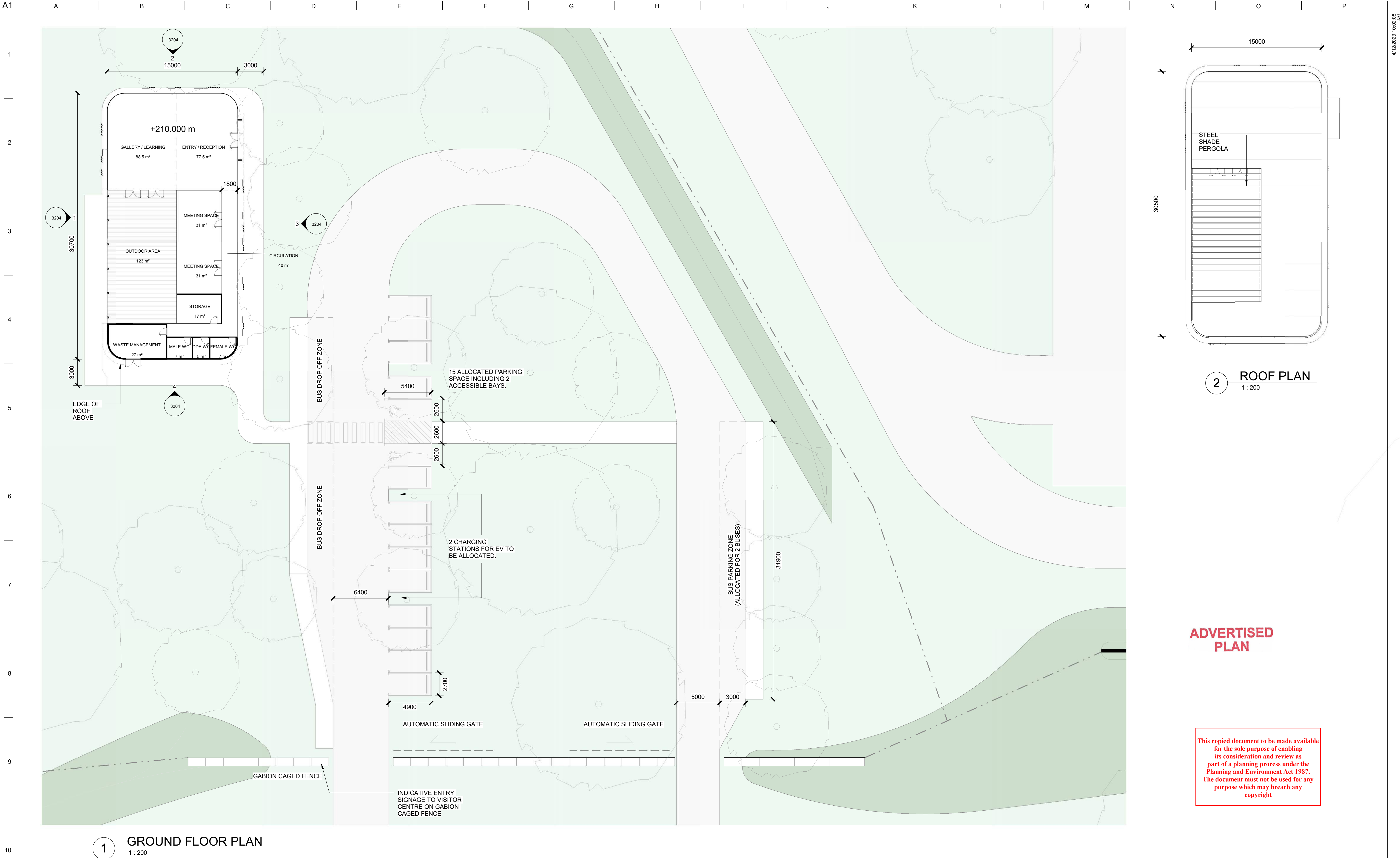
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Drawing No

MERC-ARU-MEL-ARAR-DRG-3021

Issue

4

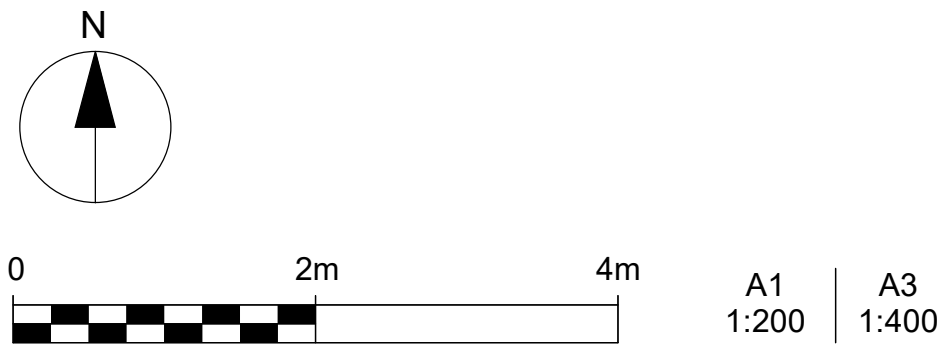


ADVERTISED
PLAN

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EPA Comments	01/12/23	ZR	BP	NB
Issue	Date	By	Chkd	Appd

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Tract Comments	19/05/23	ZR	GF	BP
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DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
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Client

CLEANAWAY
Making a sustainable future possible

Architectural Certification

Name: Date:

Signature: Date:

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1 1 : 200

Discipline ARCHITECTURE

ARUP

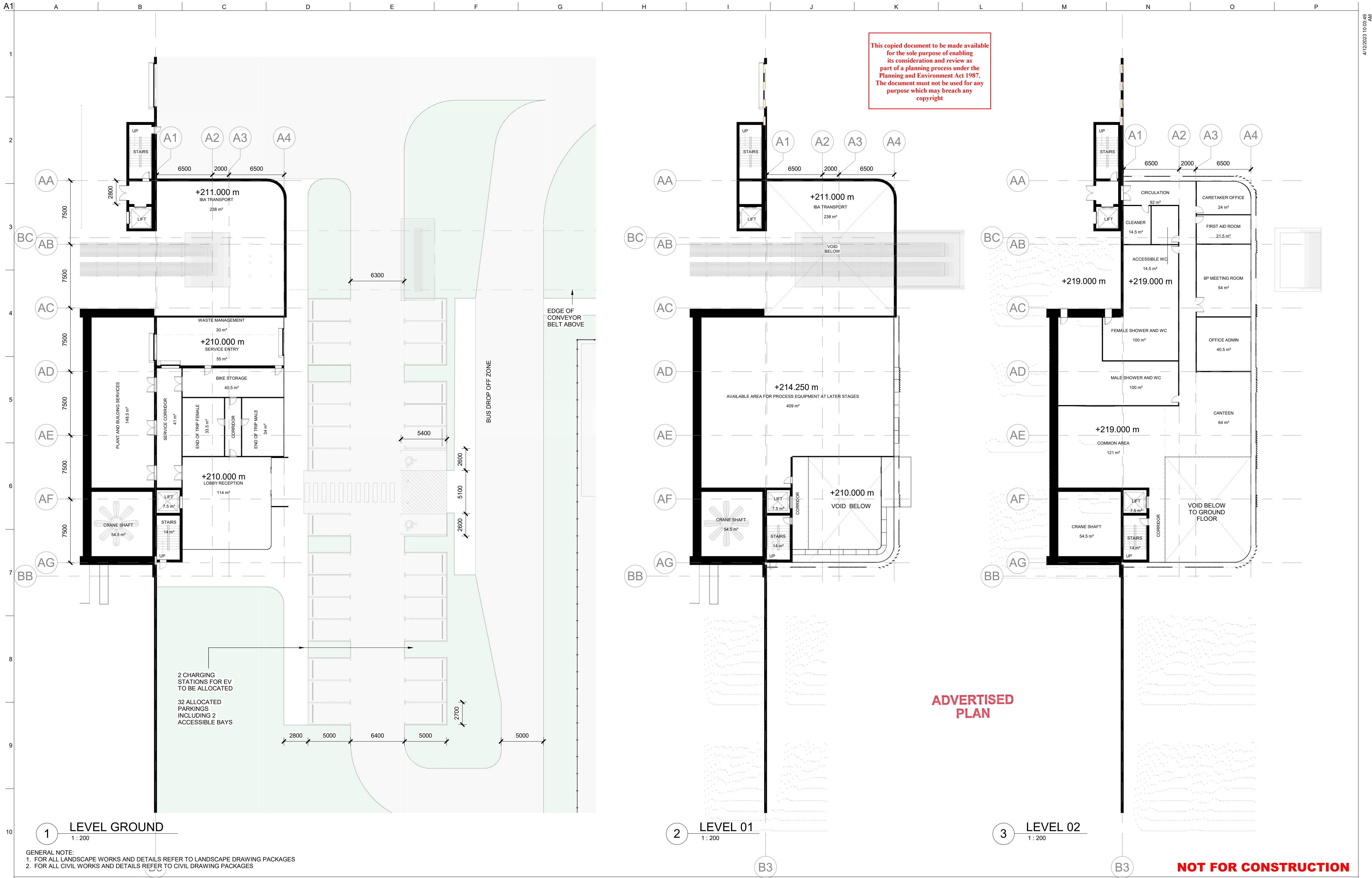
Wurundjeri Woiwurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

Member Firm
Arup Pty Ltd
ABN 18 000 966 165

Drawing Title
GENERAL ARRANGEMENT
GROUND FLOOR
VISITOR CENTRE

Drawing Status
S4 - SHARED FOR STAGE APPROVAL

Job No 287710-00
Drawing No MERC-ARU-MEL-ARAR-DRG-3030
Issue 5



N

0

2m

4m

A1

A3

1:200

1:400

Issue	Date	By	Chkd	Appd

Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	GF	BP
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
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Client

CLEANAWAY

Making a sustainable future possible

Architectural Certification

Name: _____

Signature: _____

Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 200

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title

GENERAL ARRANGEMENT
ADMIN

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

Drawing No

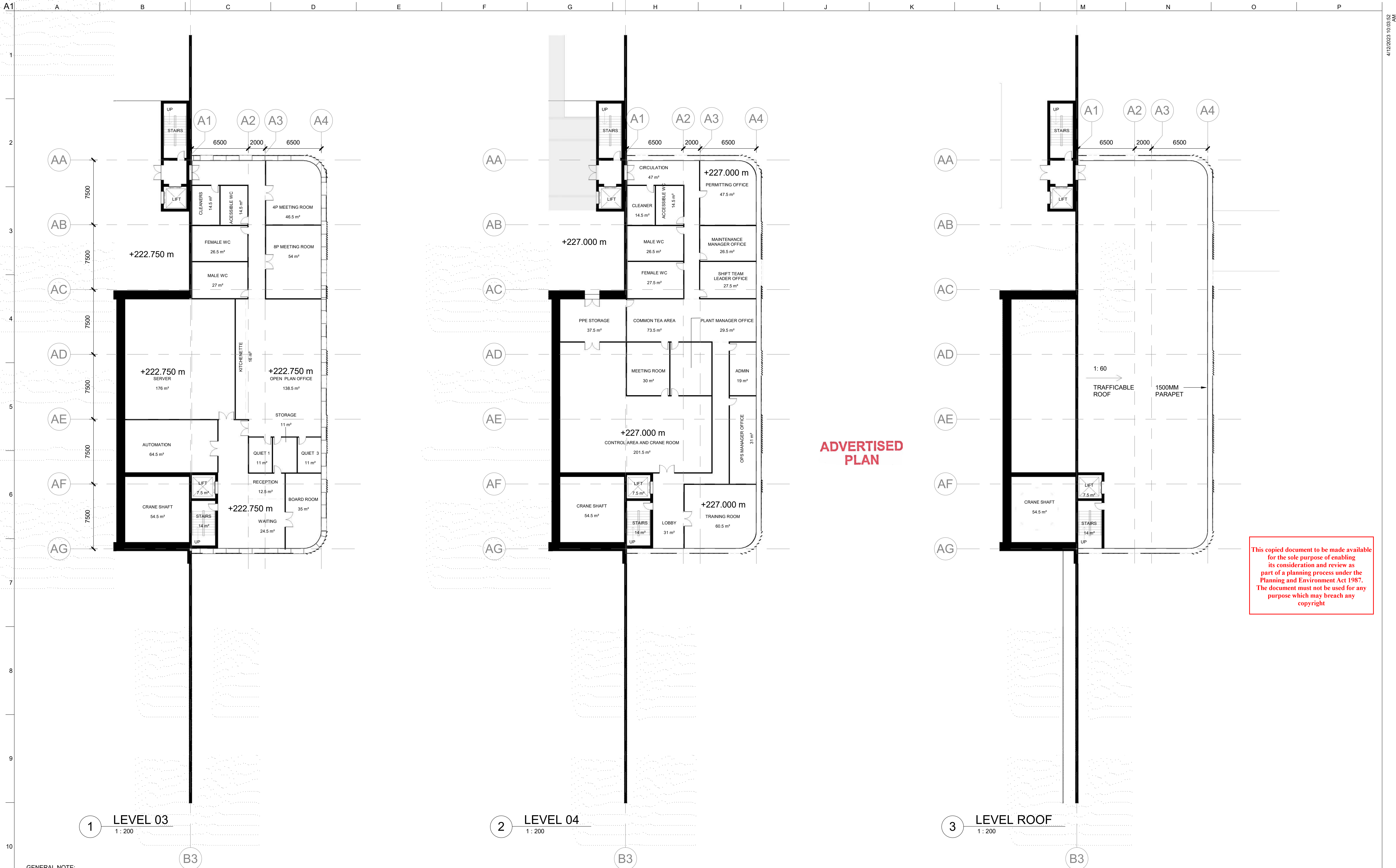
MERC-ARU-MEL-ARAR-DRG-3032

Issue

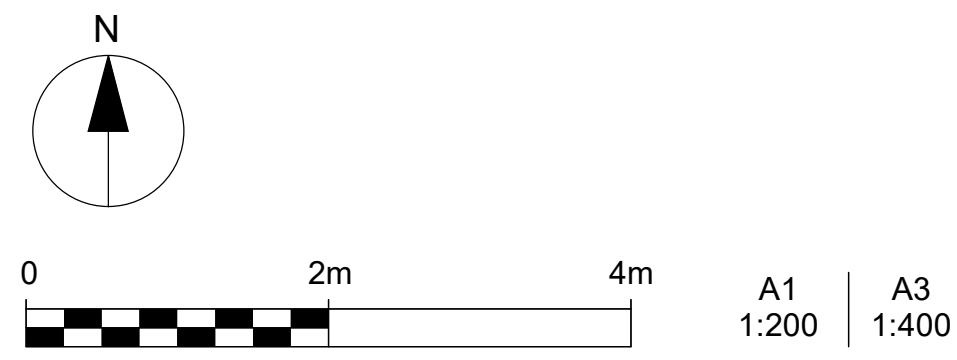
4

Do not scale

© Arup



GENERAL NOTE:
1. FOR ALL LANDSCAPE WORKS AND DETAILS REFER TO LANDSCAPE DRAWING PACKAGES
2. FOR ALL CIVIL WORKS AND DETAILS REFER TO CIVIL DRAWING PACKAGES



Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	07/06/23	ZR	GF	BP
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client
CLEANAWAY
Making a sustainable future possible

Architectural Certification
Name: _____ Date: _____
Signature: _____

Job Title
MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1
1 : 200

Discipline
ARCHITECTURE

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title
GENERAL ARRANGEMENT
ADMIN

Drawing Status
S4 - SHARED FOR STAGE APPROVAL

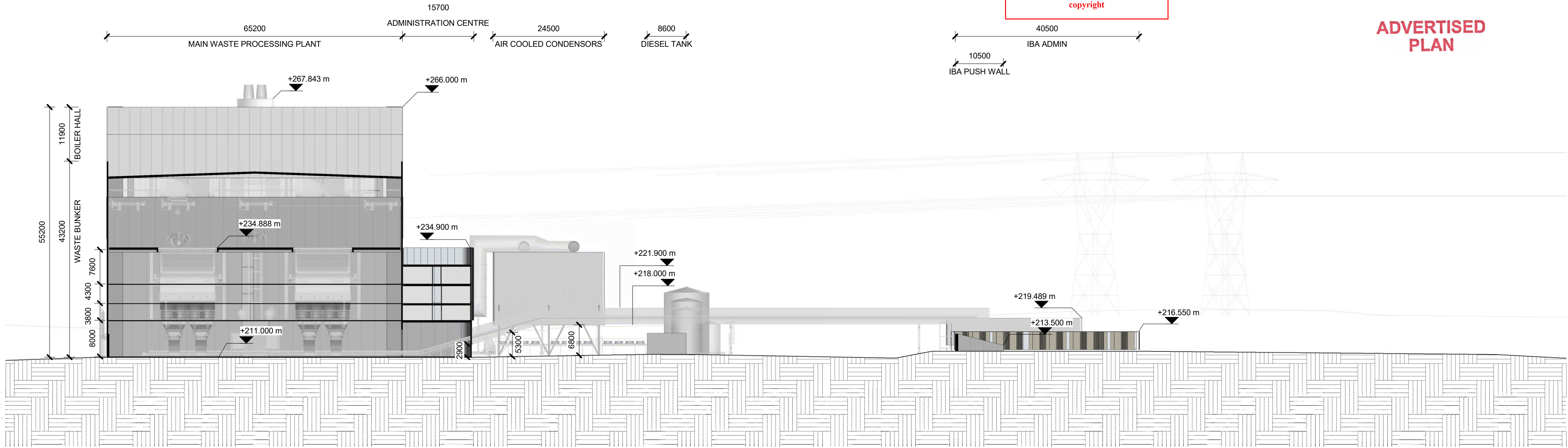
Job No 287710-00	Drawing No MERC-ARU-MEL-ARAR-DRG-3033	Issue 4
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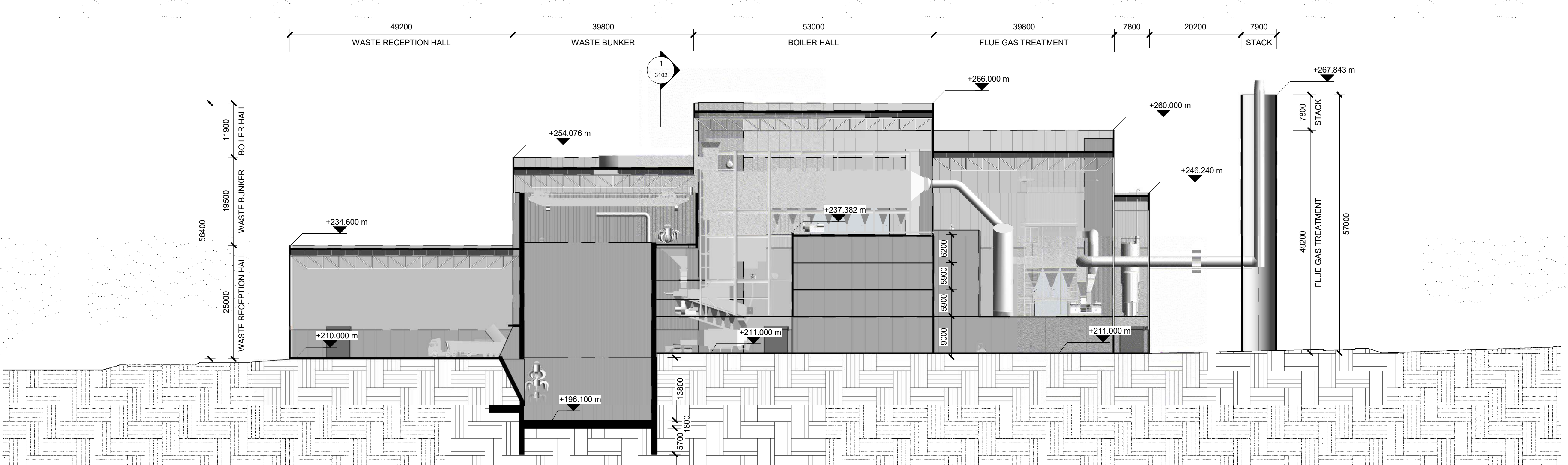
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ADVERTISED PLAN



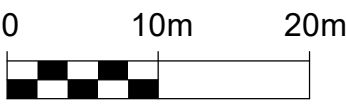
1 CROSS SECTION
1:500



2 LONG SECTION
1:500

GENERAL NOTE:
1. FOR ALL LANDSCAPE WORKS AND DETAILS REFER TO LANDSCAPE DRAWING PACKAGES
2. FOR ALL CIVIL WORKS AND DETAILS REFER TO CIVIL DRAWING PACKAGES

NOT FOR CONSTRUCTION



A1 1:500
A3 1:1000

Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	07/06/23	ZR	GF	BP
Tract Comments	19/05/23	ZR	GF	BP
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DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name: _____

Signature: _____

Date: _____

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 500

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wokurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title
SECTIONS
SITE

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

Drawing No

MERC-ARU-MEL-ARAR-DRG-3102

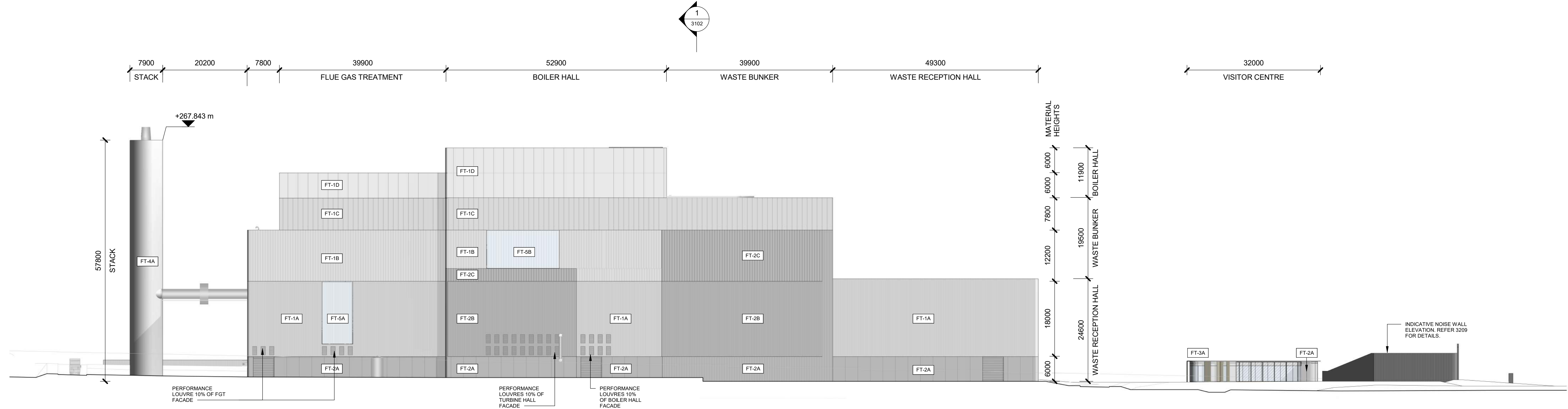
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ADVERTISED
PLAN

1 ELEVATION - EAST
1 : 500

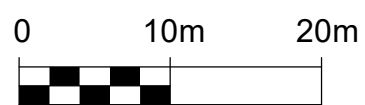


2 ELEVATION - WEST
1 : 500

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NOTE:
Refer to MERC-ARU-MEL-ARAR-DRG-4000 for material schedule

NOT FOR CONSTRUCTION



A1 1:500
A3 1:1000

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EPA Comments	01/12/23	ZR	BP	NB
Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	GF	BP
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client
CLEANAWAY
Making a sustainable future possible
Architectural Certification
Name: _____
Signature: _____ Date: _____

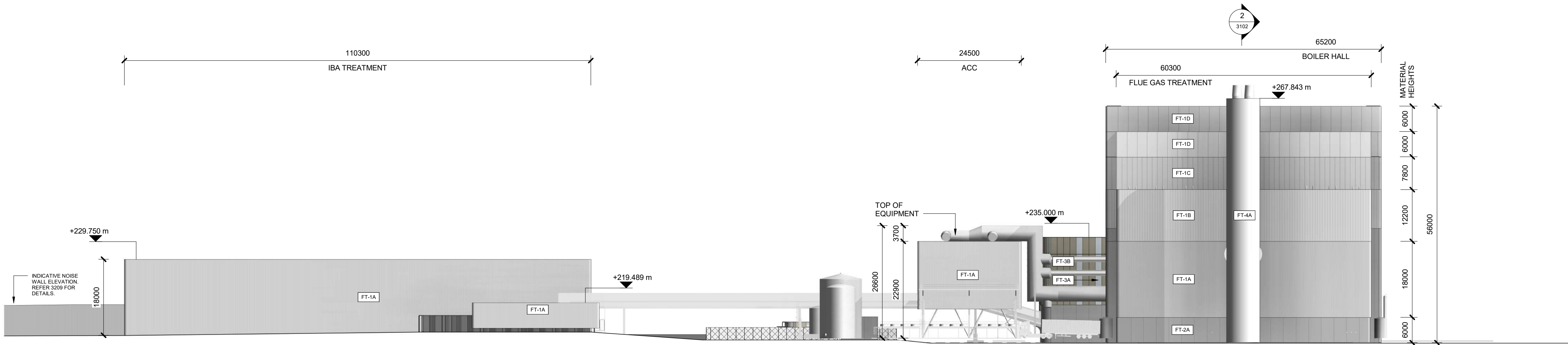
Job Title
MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750
Scale at A1
1 : 500
Discipline
ARCHITECTURE

ARUP

Wurundjeri Woiwurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title
ELEVATIONS
EAST AND WEST
Drawing Status
S4 - SHARED FOR STAGE APPROVAL
Job No
287710-00
Drawing No
MERC-ARU-MEL-ARAR-DRG-3201
Issue
5

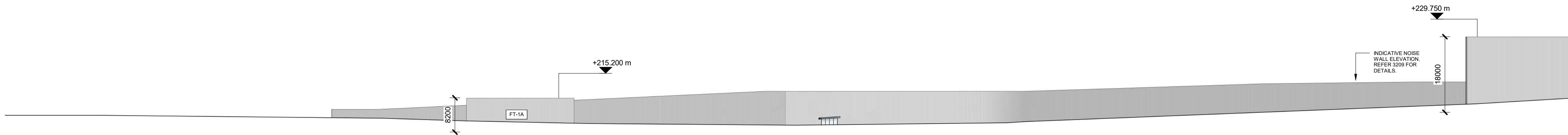


1 ELEVATION - NORTH - PART 1 OF 2
1 : 500

ADVERTISED
PLAN

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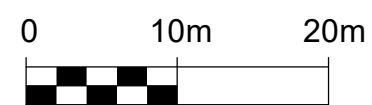
25600
TRUCK SHED



2 ELEVATION - NORTH - PART 2 OF 2
1 : 500

NOTE:
Refer to MERC-ARU-MEL-ARAR-DRG-4000 for material schedule

NOT FOR CONSTRUCTION



A1 1:500
A3 1:1000

Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	GF	BP
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DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name: _____

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1
1 : 500

Discipline

ARCHITECTURE

ARUP

Wurundjeri Woiwurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title
ELEVATIONS
NORTH

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

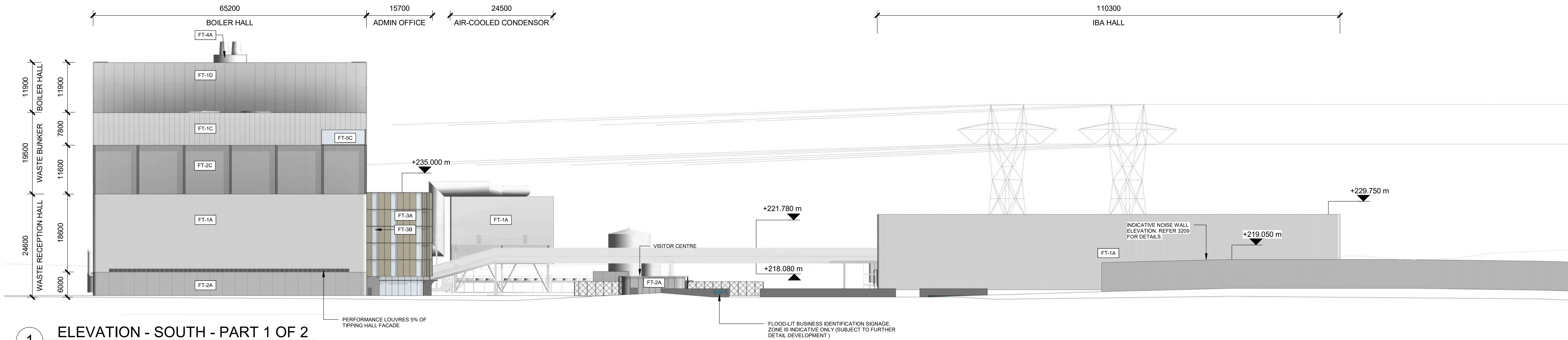
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MERC-ARU-MEL-ARAR-DRG-3202

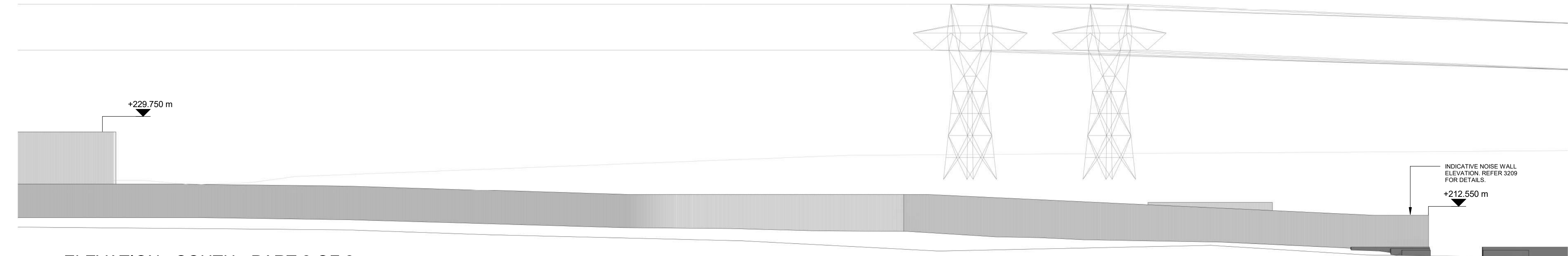
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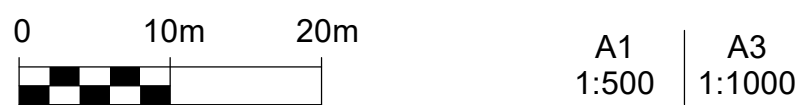


ADVERTISED PLAN



NOTE:
Refer to MERC-ARU-MEL-ARAR-DRG-4000 for material schedule

NOT FOR CONSTRUCTION



Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Cleanaway

Making a sustainable future possible

Architectural Certification

Name: _____

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 500

Discipline

ARCHITECTURE

ARUP

Wurundjeri Woiwurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA

Member Firm
Arup Pty Ltd
ABN 16 000 956 165

Drawing Title

ELEVATIONS SOUTH

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

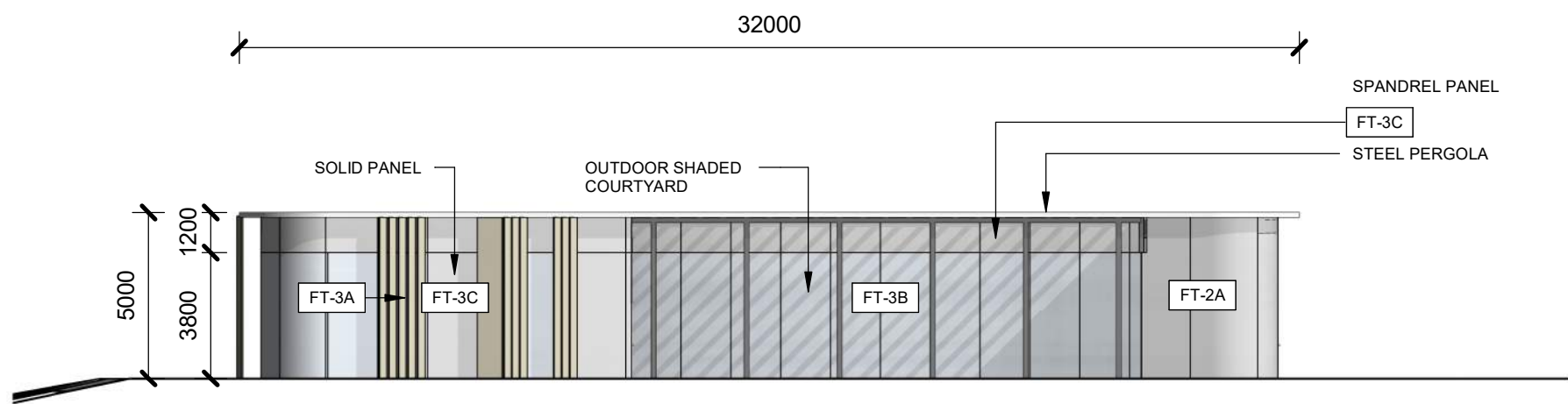
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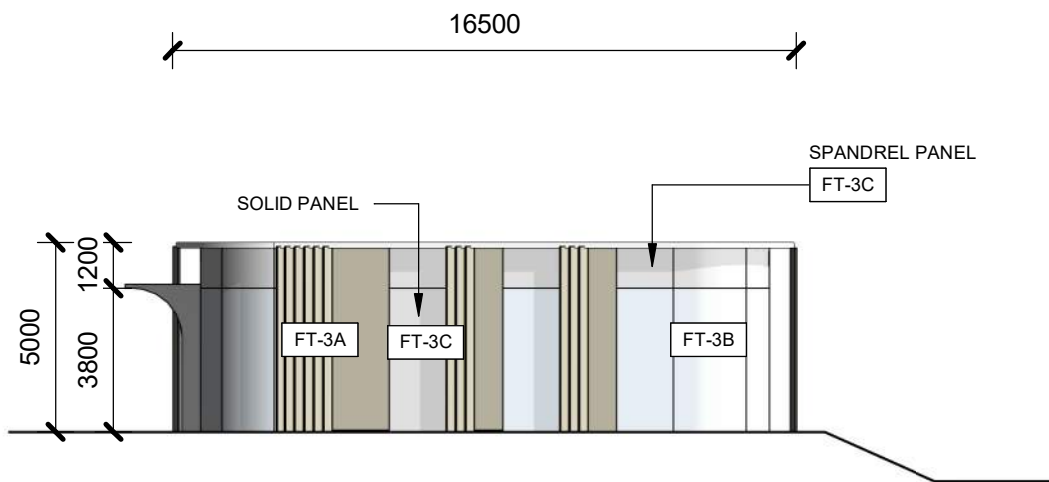
Issue

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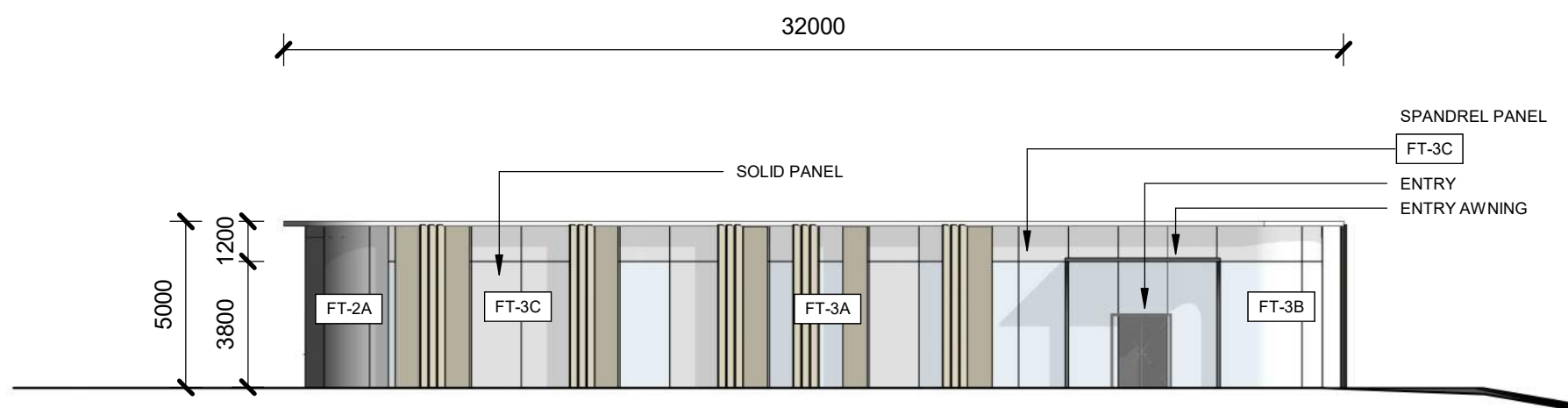


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1 : 200

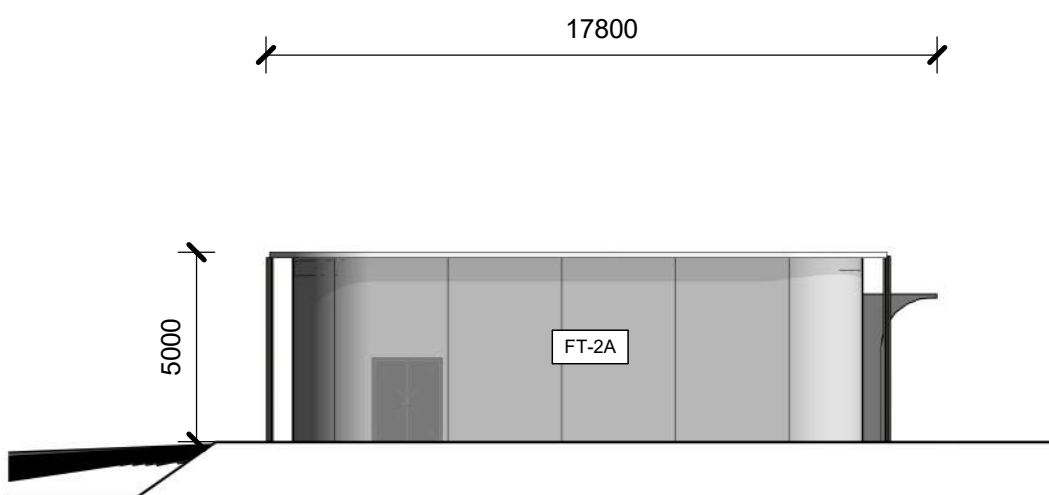


2 ELEVATION - VISITOR CENTRE - NORTH
1 : 200

ADVERTISED
PLAN



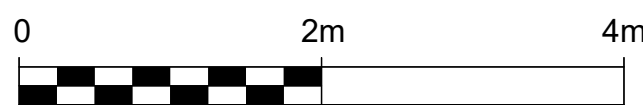
3 ELEVATION - VISITOR CENTRE - EAST
1 : 200



4 ELEVATION - VISITOR CENTRE - SOUTH
1 : 200

NOTE:
Refer to MERC-ARU-MEL-ARAR-DRG-4000 for material schedule

NOT FOR CONSTRUCTION



A1
1:200
A3
1:400

Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name:

Signature:

Date:

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 200

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title

ELEVATIONS
VISITOR CENTRE

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

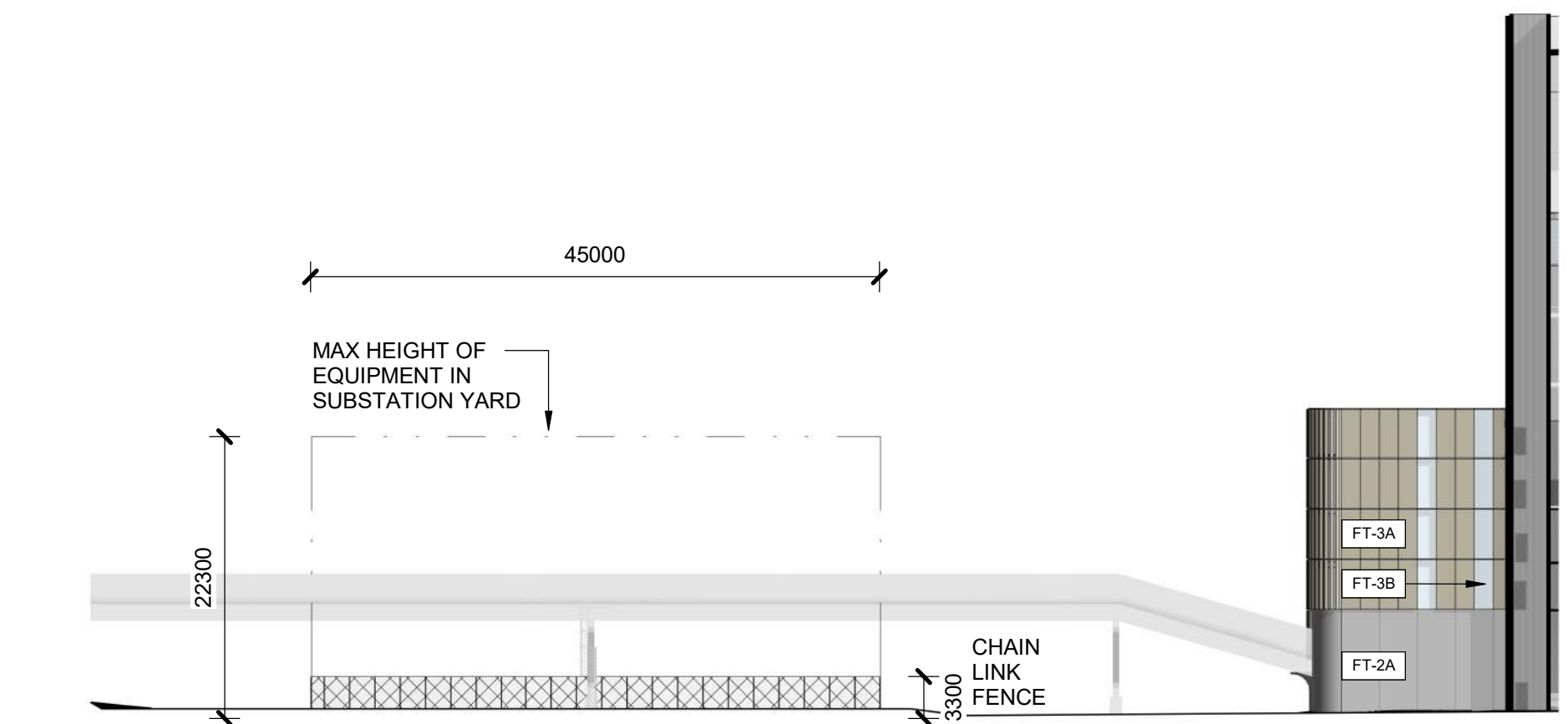
Drawing No

MERC-ARU-MEL-ARAR-DRG-3204

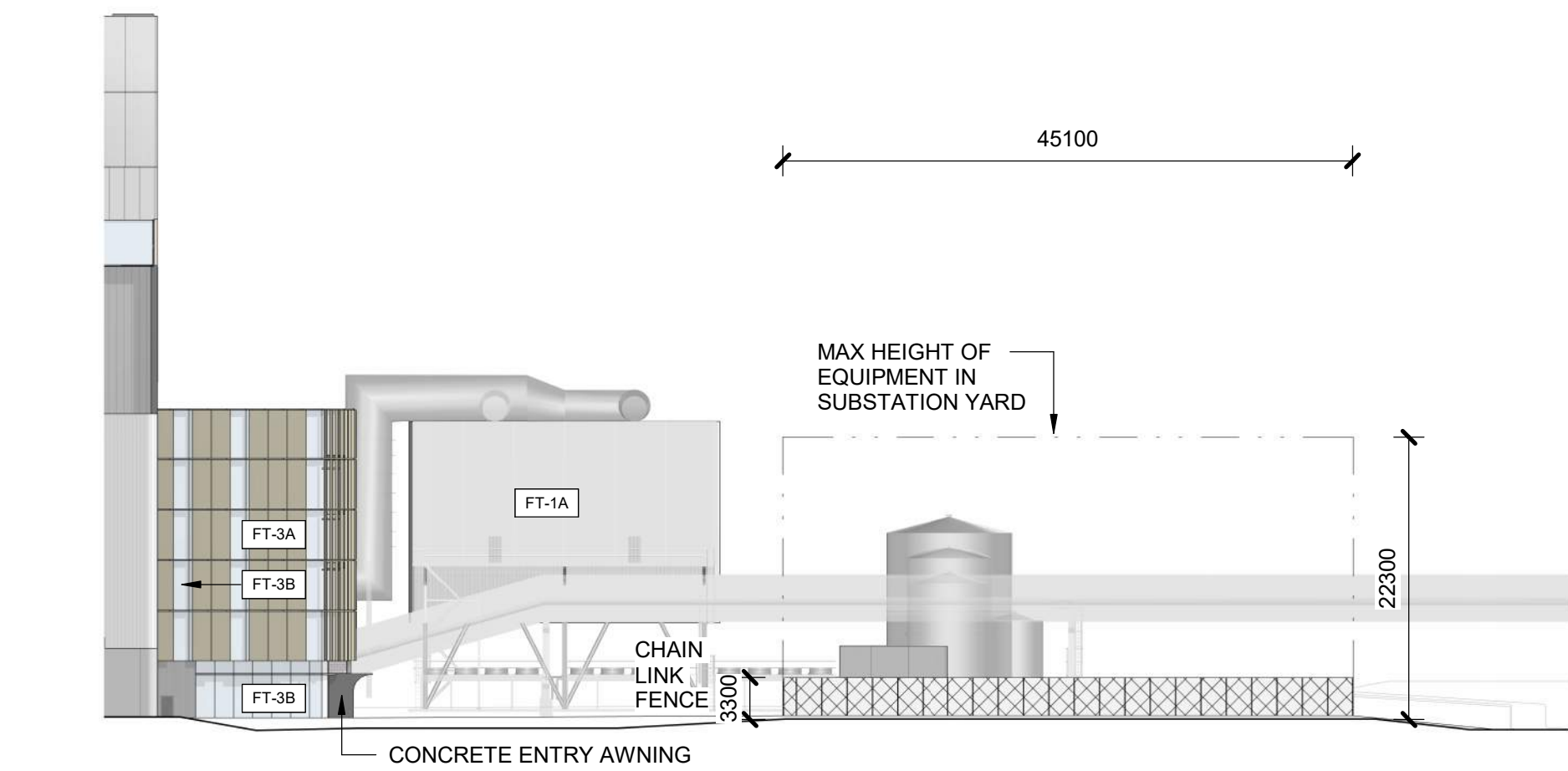
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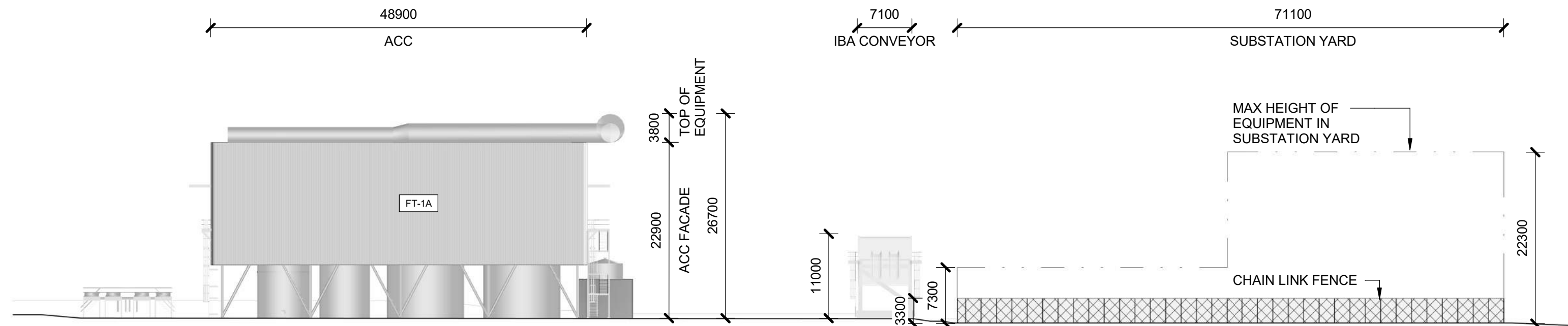
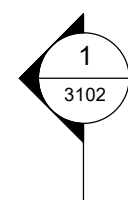
ADVERTISED
PLAN



1 ELEVATION - SUBSTATION - NORTH
1 : 500



2 ELEVATION - SUBSTATION - SOUTH
1 : 500



3 ELEVATION - ACC - SUBSTATION - WEST
1 : 500

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NOT FOR CONSTRUCTION



A1
1:200

A3
1:400

Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name:

Signature: Date:

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1
1 : 500

Discipline
ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title

ELEVATIONS
SUBSTATION

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

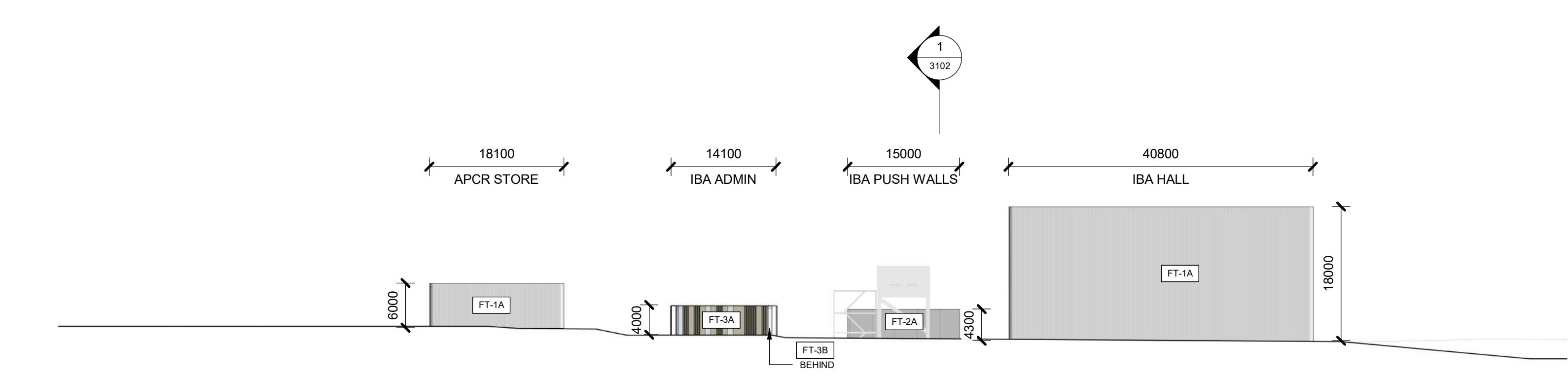
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Drawing No

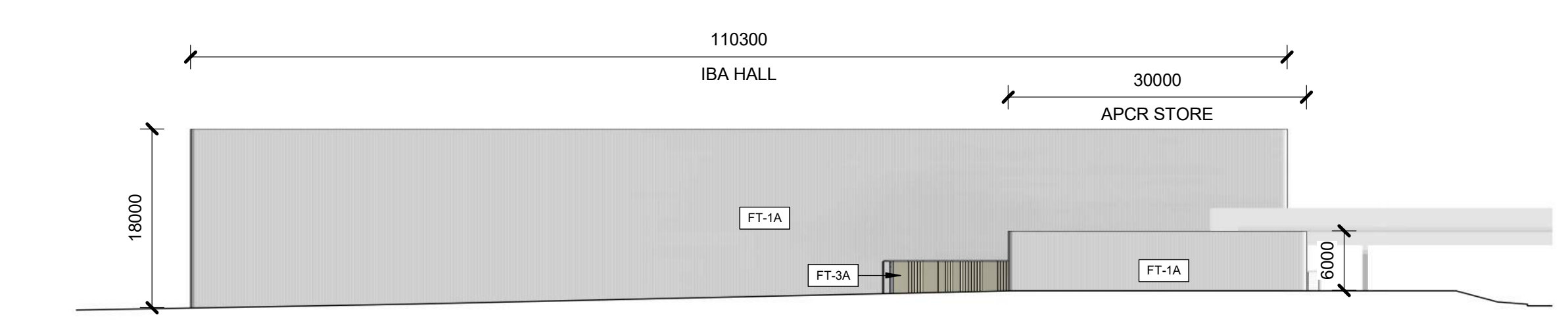
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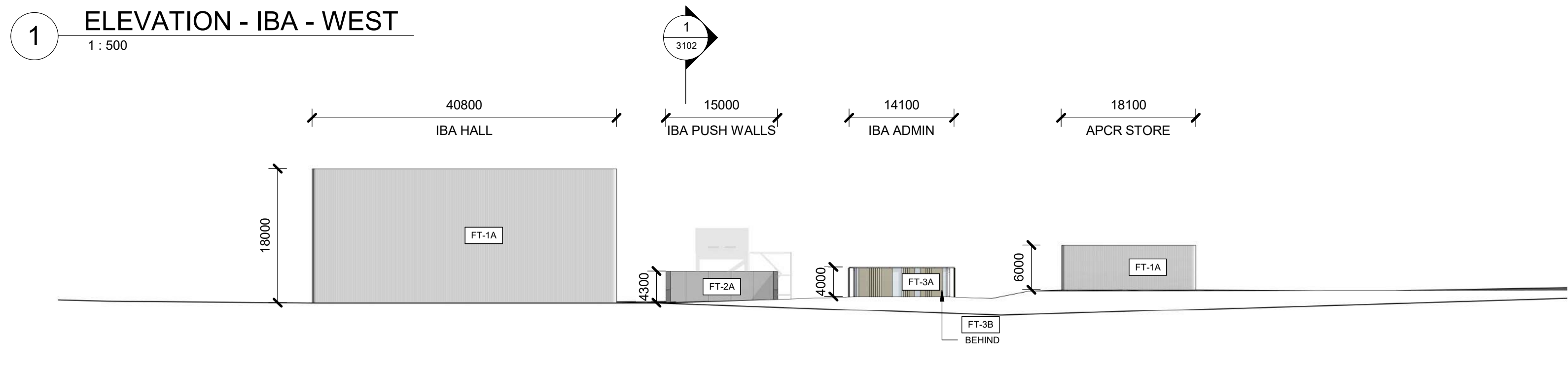
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1 ELEVATION - IBA - WEST
1 : 500



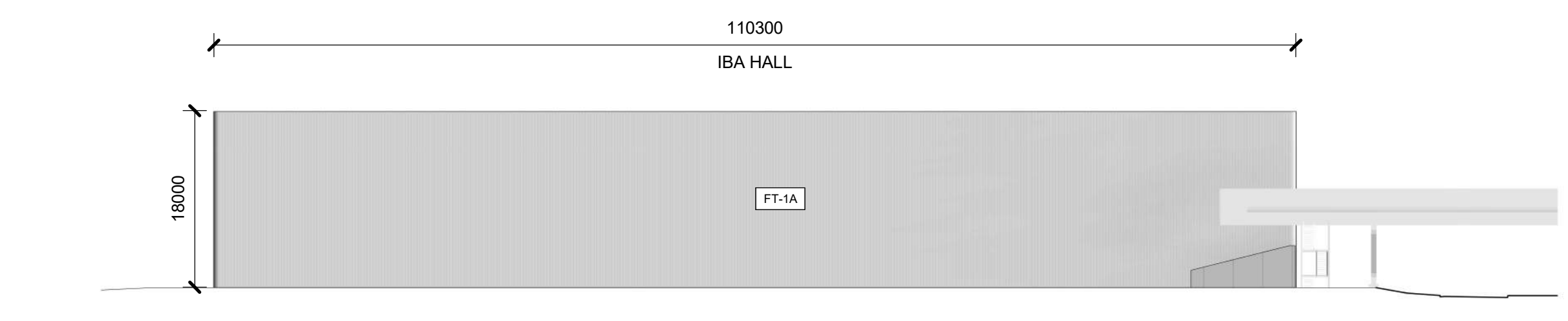
2 ELEVATION - APCR - NORTH
1 : 500



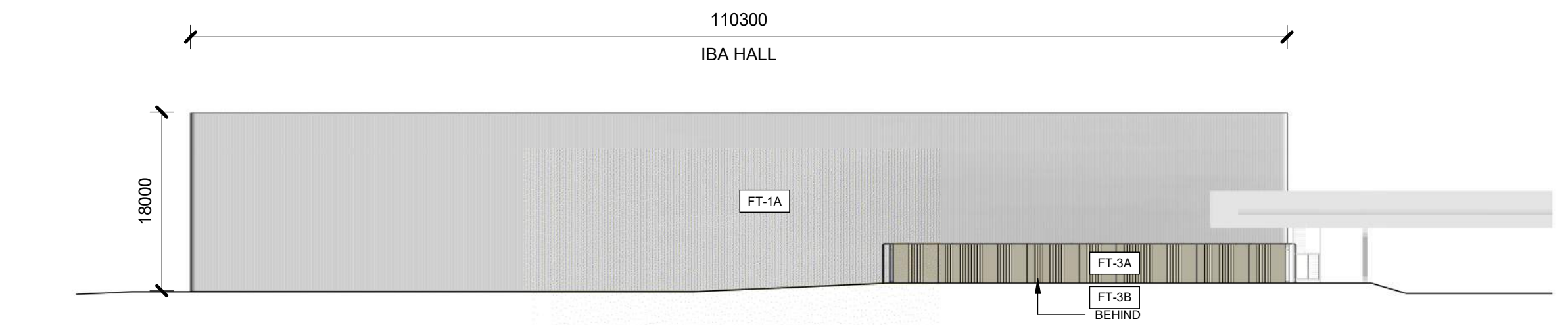
3 ELEVATION - IBA - EAST
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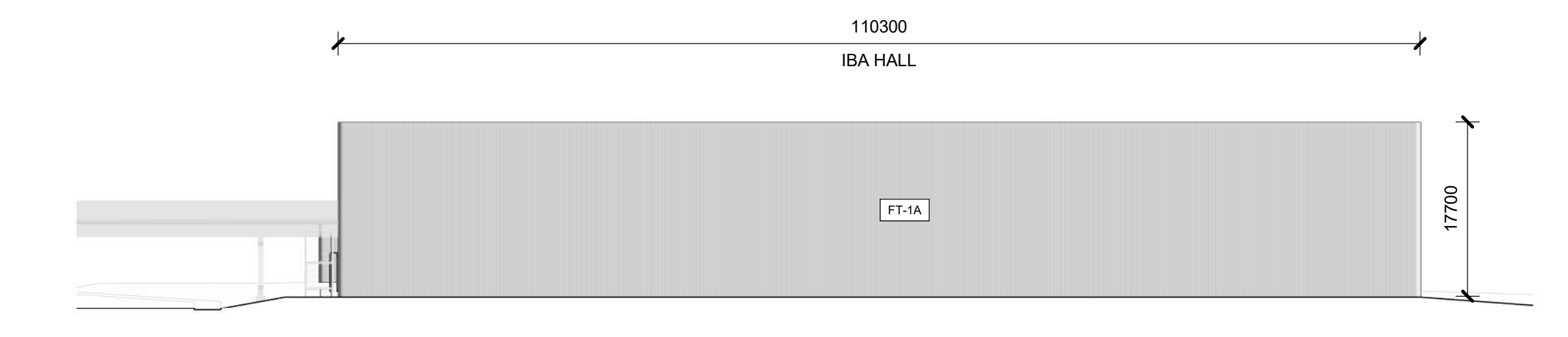
4 ELEVATION - APCR - SOUTH
1 : 500



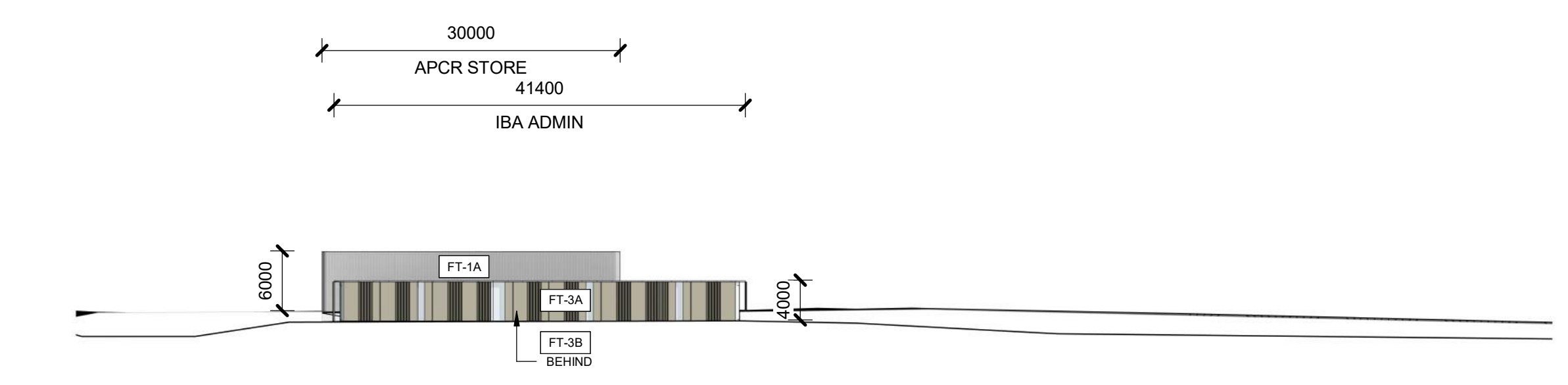
5 ELEVATION - IBA - NORTH
1 : 500



6 ELEVATION - IBA ADMIN - NORTH
1 : 500



7 ELEVATION - IBA - SOUTH
1 : 500

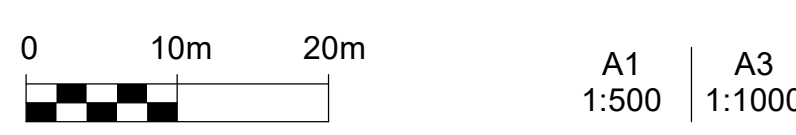


8 ELEVATION - IBA ADMIN - SOUTH
1 : 500

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Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	07/06/23	ZR	GF	BP
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client

CLEANAWAY
Making a sustainable future possible

Architectural Certification

Name: Date:

Signature: Date:

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1 1 : 500

Discipline ARCHITECTURE

ARUP

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

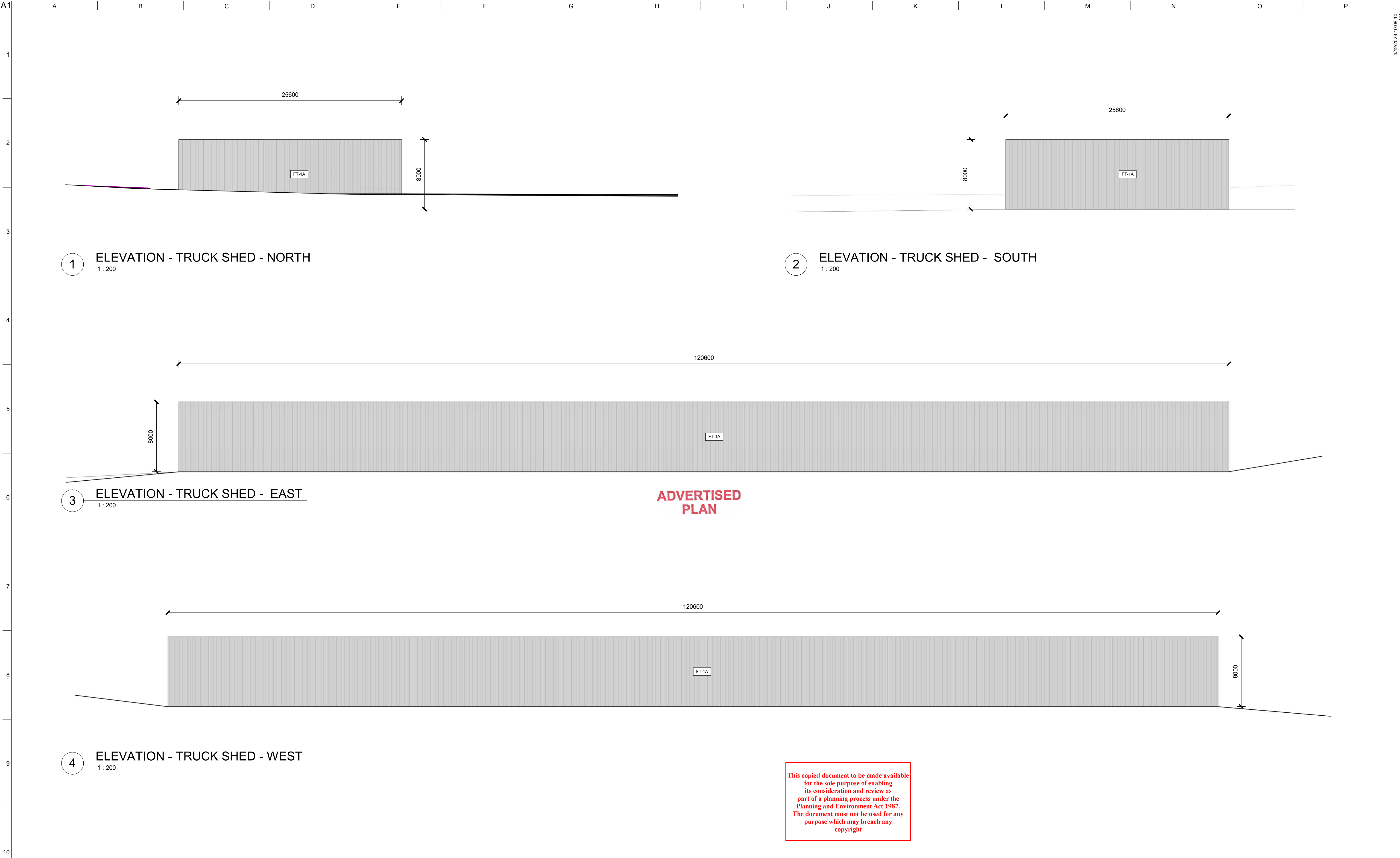
CONSULT AUSTRALIA
Member Firm
Arup Pty Ltd
ABN 16 000 956 165

Drawing Title
ELEVATIONS IBA

Drawing Status
S4 - SHARED FOR STAGE APPROVAL

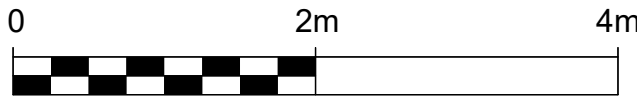
Job No 287710-00	Drawing No MERC-ARU-MEL-ARAR-DRG-3206	Issue 4
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NOT FOR CONSTRUCTION



NOTE:
Refer to MERC-ARU-MEL-ARAR-DRG-4000 for material schedule

NOT FOR CONSTRUCTION



A1
1:200

A3
1:400

Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	07/06/23	ZR	GF	BP
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Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name: _____
Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 200

Discipline

ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title

ELEVATIONS
TRUCK SHED

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

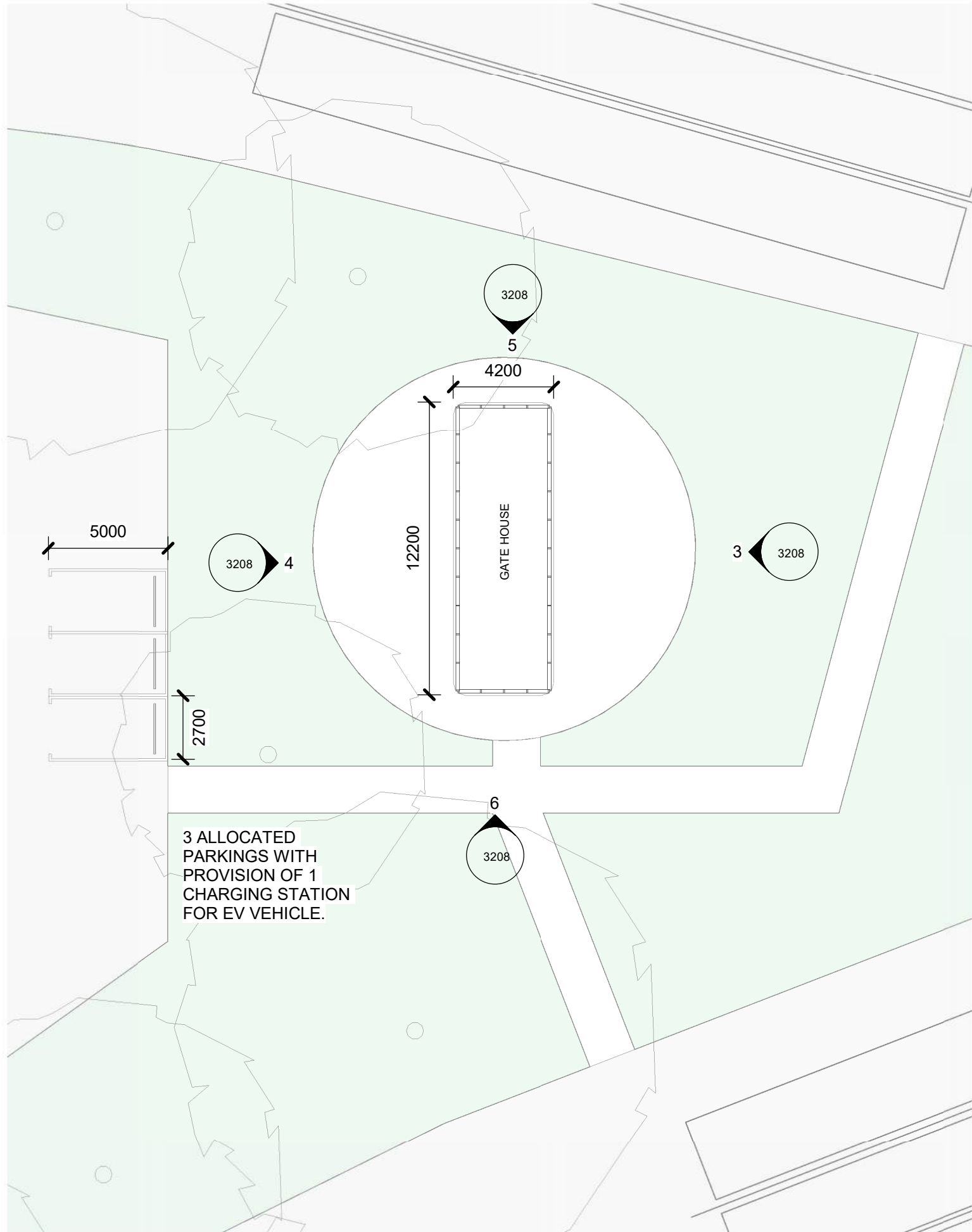
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MERC-ARU-MEL-ARAR-DRG-3207

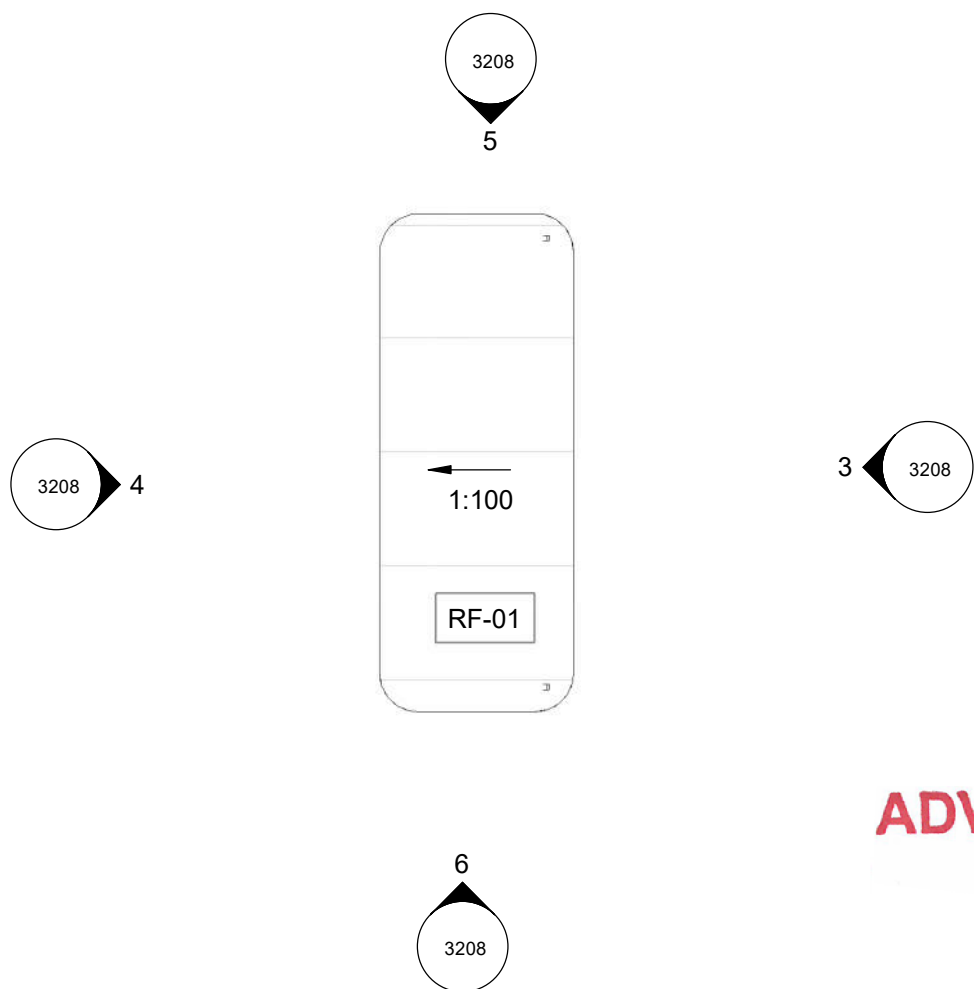
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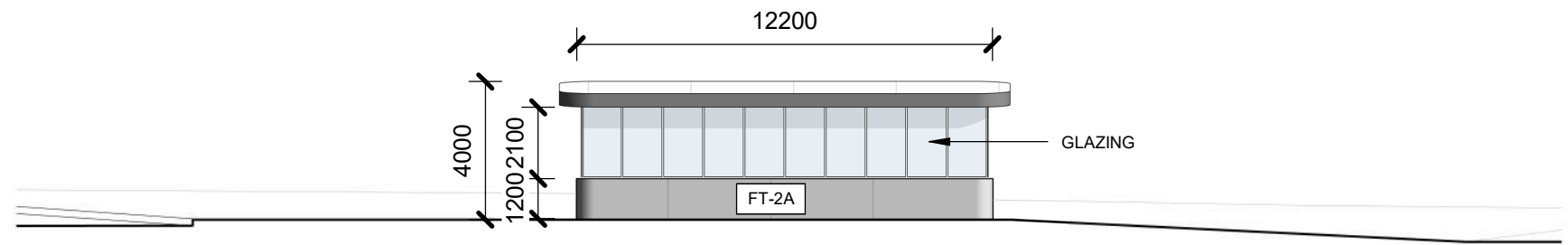
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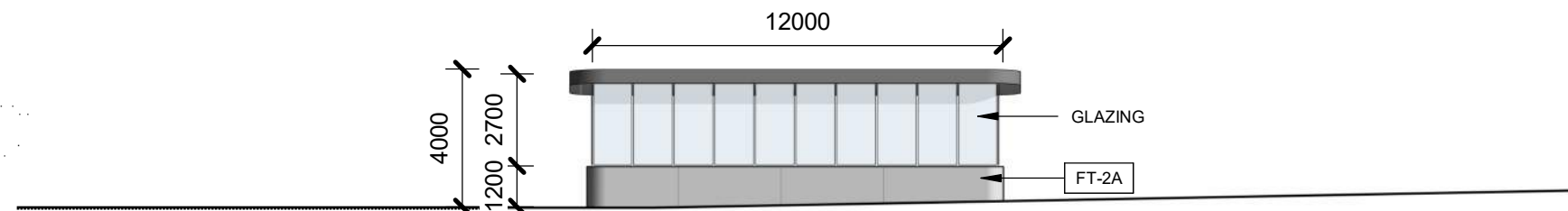
1 PLAN - GROUND FLOOR - GATE HOUSE
1 : 200



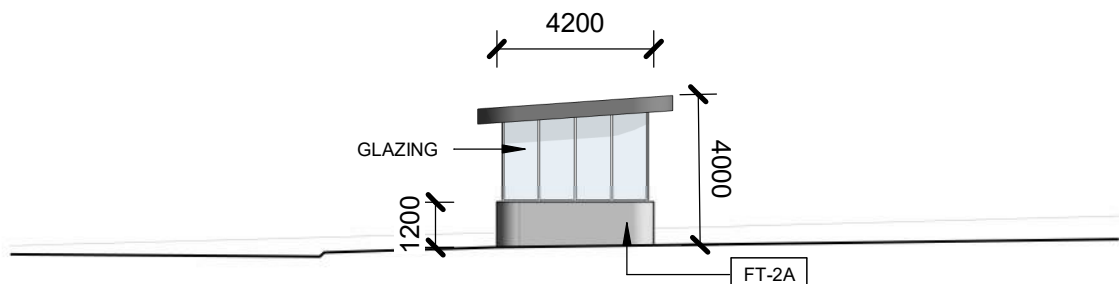
2 PLAN - ROOF - GATE HOUSE
1 : 200



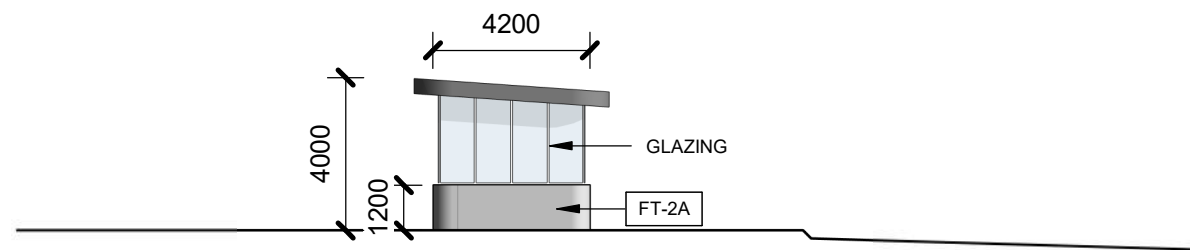
3 ELEVATION - GATE HOUSE - EAST
1 : 200



4 ELEVATION - GATE HOUSE - WEST
1 : 200

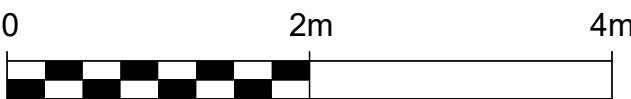
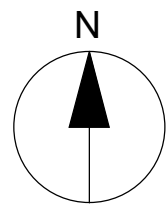


5 ELEVATION - GATE HOUSE - NORTH
1 : 200



6 ELEVATION - GATE HOUSE - SOUTH
1 : 200

NOTE:
Refer to MERC-ARU-MEL-ARAR-DRG-4000 for material schedule



A1
1:200

A3
1:400

Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	07/06/23	ZR	GF	BP
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name:

Signature: Date:

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

1 : 200

Discipline

ARCHITECTURE

ARUP

Wurundjeri Woiwurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title

PLANS AND ELEVATIONS
GATEHOUSE

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

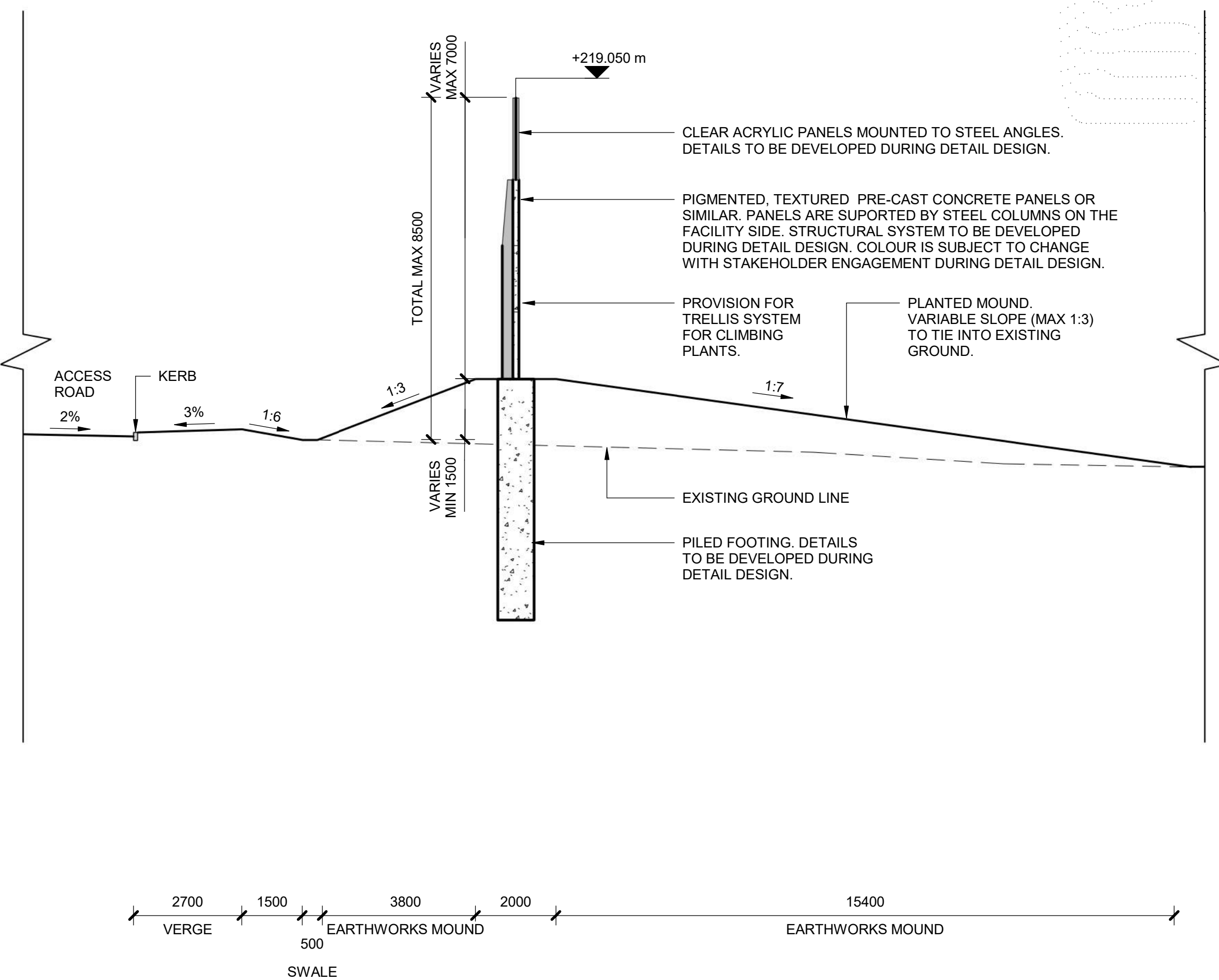
Drawing No

MERC-ARU-MEL-ARAR-DRG-3208

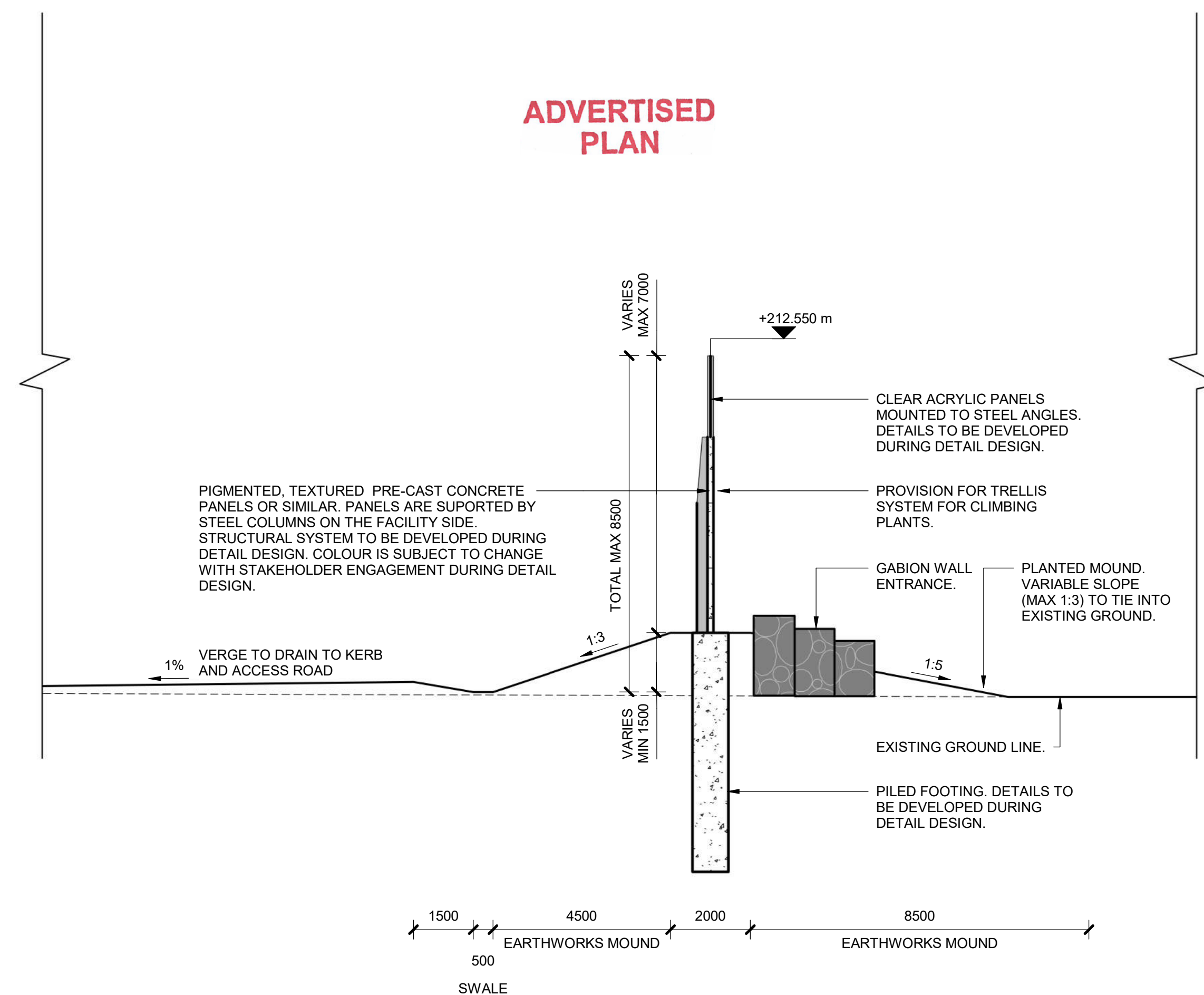
Issue

4

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1 SECTION - NOISE WALL - TALLEST
1:100



2 SECTION - NOISE WALL - LOWEST
1 : 100



3 ELEVATION - NOISE WALL - EAST
1 : 50

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Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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EPA Comments	01/12/23	ZR	BP	NB
Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name:

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

As indicated

Discipline

ARCHITECT

ARUP

Wurundjeri Woiewurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title
NOISE WALL
SECTIONS AND ELEVATION

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No
287710-00

Drawing No	Issue
MERC-ARU-MEL-ARAR-DRG-3209	0

1

2

3

4

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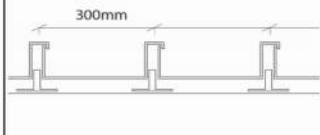
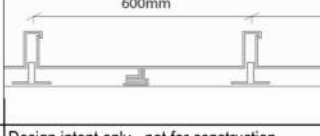
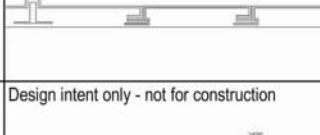







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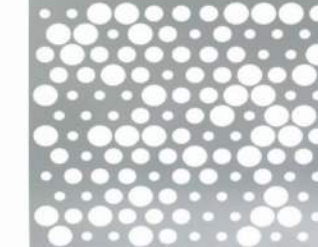


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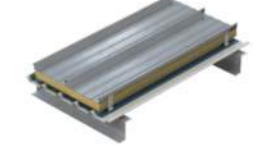



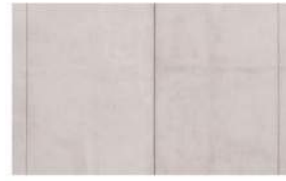


10

4/12/2023 10:08:44 AM

CODE	DESCRIPTION	COLOURS/ FINISH	REMARKS	IMAGE	LOCATIONS
Main Processing Facility & Ancillary Buildings - Metal Façade Types					
FT-1A	Metal concealed fixed cladding system with expressed vertical fold fixing every 300mm	Archclad PVDF Aluminium Metallic Silver (or similar and approved by architect)	Material: Non-Combustable Pre-Finished metal Thickness: 0.8mm before insulation (in zones requiring insulation) Size: Nom. 300mm wide 6000mm high panels with expressed vertical fold fixings at 300 mm centres, (or similar system to be approved by architect) Expressed fold fixings to be minimum 50 wide x 100 mm deep. Fixing: to steel frame Notes: Mock-up to be provided prior to final confirmation	Design intent only - not for construction 	MAIN PROCESSING FACILITY & ANCILLARY BUILDINGS (BA BUILDING, TRUCK SHED, ACC. SUBSTATION WALLS)
FT-1B	Metal concealed fixed cladding system with expressed vertical fold fixing every 600mm	Archclad PVDF Aluminium Metallic Silver (or similar and approved by architect)	Material: Non-Combustable Pre-Finished metal Thickness: 0.8mm before insulation (in zones requiring insulation) Size: Nom. 300mm wide 6000mm high panels with concealed 5mm join and expressed vertical fold fixings at 600 mm centres, (or similar system to be approved by architect) Expressed fold fixings to be minimum 50 wide x 100 mm deep. Fixing: to steel frame Notes: Mock-up to be provided prior to final confirmation	Design intent only - not for construction 	MAIN PROCESSING FACILITY
FT-1C	Metal concealed fixed cladding system with expressed vertical fold fixing every 1200mm	Archclad PVDF Aluminium Metallic Silver (or similar and approved by architect)	Material: Non-Combustable Pre-Finished metal Thickness: 0.8mm before insulation (in zones requiring insulation) Size: Nom. 300mm wide 6000mm high panels with concealed 5mm join and expressed vertical fold fixings at 1200 mm centres, (or similar system to be approved by architect) Expressed fold fixings to be minimum 50 wide x 100 mm deep. Fixing: to steel frame Notes: Mock-up to be provided prior to final confirmation	Design intent only - not for construction 	MAIN PROCESSING FACILITY
FT-1D	Metal concealed fixed cladding system with expressed vertical fold fixing every 2400mm	Archclad PVDF Aluminium Metallic Silver (or similar and approved by architect)	Material: Non-Combustable Pre-Finished metal Thickness: 0.8mm before insulation (in zones requiring insulation) Size: Nom. 300mm wide 6000mm high panels with concealed 5mm join and expressed vertical fold fixings at 2400 mm centres, (or similar system to be approved by architect) Expressed fold fixings to be minimum 50 wide x 100 mm deep. Fixing: to steel frame Notes: Mock-up to be provided prior to final confirmation	Design intent only - not for construction 	MAIN PROCESSING FACILITY
Main Processing Facility & Ancillary Buildings - Concrete Wall Types					
FT-2A	Precast concrete panels	Class 3 precast concrete (or similar and approved by architect)	Material: Precast concrete panels Thickness: 200mm Size: Nom. 3000mm wide panels. Height varies. Refer to drawings for height. Colour: Natural or Grey		MAIN PROCESSING FACILITY, ANCILLARY BUILDINGS (GATE HOUSE, APC, STORAGE)
FT-2B	Textured concrete panels	Class 3 concrete (or similar and approved by architect)	Material: Mould formed textured concrete Thickness: 200mm Texture (mould formed): 50mm wide x 100mm deep vertical texture at 300mm centers. Colour: Natural or Grey		MAIN PROCESSING FACILITY
FT-2C	Textured concrete panels	Class 3 concrete (or similar and approved by architect)	Material: Mould formed textured concrete Thickness: 200mm Texture (mould formed): 50mm wide x 100mm deep vertical texture at 600mm centers. Colour: Natural or Grey		MAIN PROCESSING FACILITY
Main Processing Facility & Ancillary Buildings - Polycarbonate Cladding					
FT-5A	Polycarbonate facade panels	Semi-transparent polycarbonate facade panels (or similar and approved by architect)	Material: Polycarbonate Thickness: 70mm Panel Size: 300m wide x 6000mm high		MAIN PROCESSING FACILITY
FT-5B	Polycarbonate facade panels	Semi-transparent polycarbonate facade panels (or similar and approved by architect)	Material: Polycarbonate Thickness: 70mm Panel Size: 600m wide x 6000mm high		MAIN PROCESSING FACILITY
FT-5C	Polycarbonate facade panels	Semi-transparent polycarbonate facade panels (or similar and approved by architect)	Material: Polycarbonate Thickness: 70mm Panel Size: 1200m wide x 6000mm high		MAIN PROCESSING FACILITY

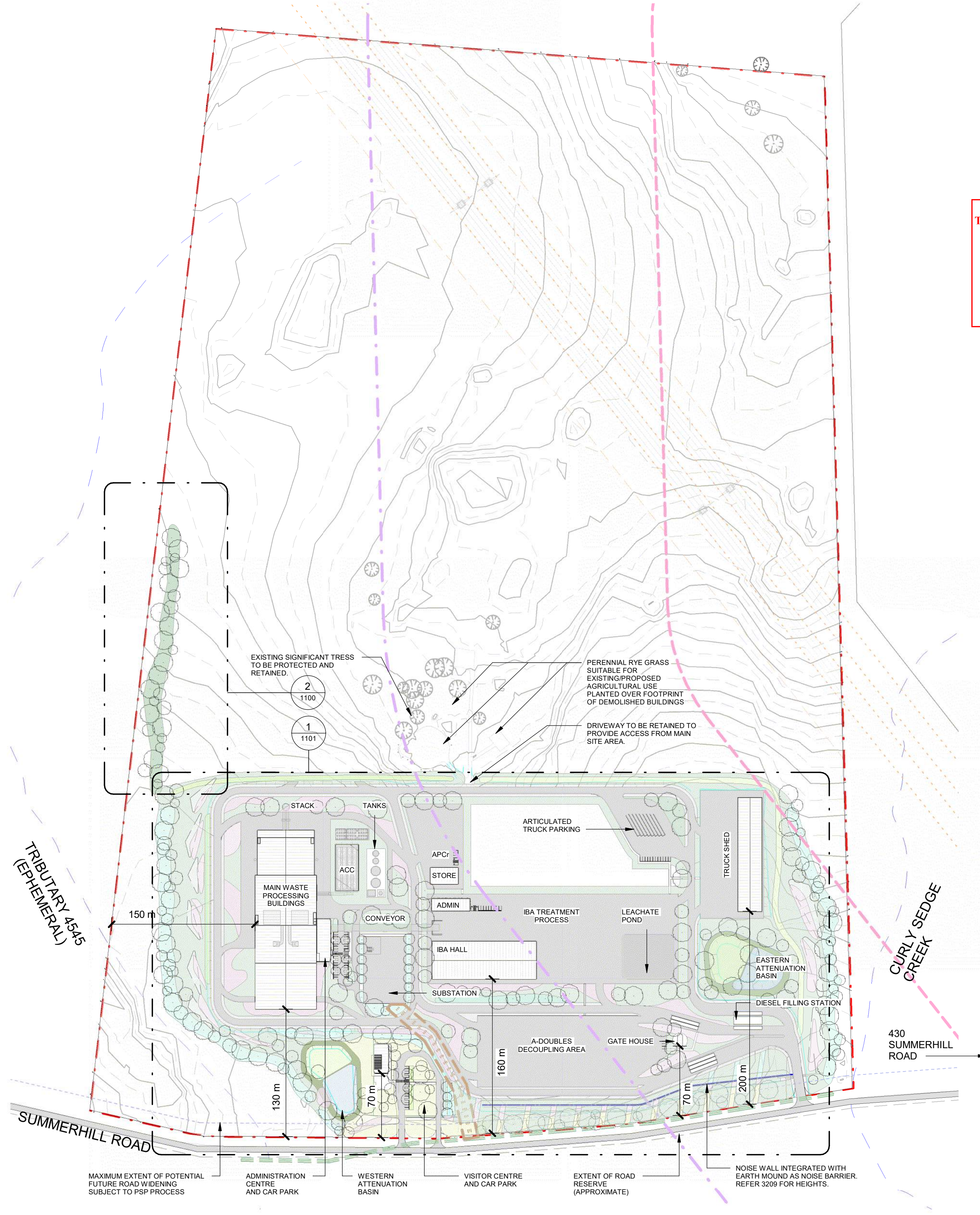
CODE	DESCRIPTION	COLOURS/ FINISH	REMARKS	IMAGE	LOCATIONS
Administration & Visitor Centre - Façade Types					
FT-3A	Aluminium Perforated Panel	Dulux Grey Nurse in gloss (or similar and approved by architect)	Material: Perforated Non-Combustable Pre-Finished Aluminium Panel (AERO 400™) achieving approximately 40% opening with a 20mm solid band with no perforations except for fixing holes to manufacturer's recommendations, (or similar and approved by architect) Thickness: 4mm Size: Flat Panel: Nom. 1500mm wide x 2000mm high sheet with folded top edge around metal support fixings with minimal horizontal gap between panels Angled Panel: Nom. 300mm wide x 2000mm height with minimal horizontal gap between panels Fixing: Rivet or Screw cladding to clip		VISITOR CENTRE & ADMINISTRATION BUILDINGS
FT-3B	Curtain Wall Glazing		Product: CW116 Curtain Wall System (or similar and approved by architect) Thickness: 116x65 frame with 24 mm double glazing Size: Nom. 1500mm wide x 4000mm height		VISITOR CENTRE & ADMINISTRATION BUILDINGS
FT-3C	Curtain Wall Solid Panel	Dulux Grey Nurse in matte (or similar and approved by architect)	Product: CW116 Curtain Wall System (or similar and approved by architect) Thickness: 116x65 frame with 24 mm solid matte colour back glass Size: Nom. spandrel panel size: 1500mm wide x varied height		VISITOR CENTRE & ADMINISTRATION BUILDINGS

ADVERTISED PLAN

CODE	DESCRIPTION	COLOURS/ FINISH	REMARKS	IMAGE	LOCATIONS
Stack Cladding					
FT-4A	Metal concealed fixed cladding	Archclad PVDF Aluminium Metallic Silver (or similar and approved by architect)	Material: Non-Combustable Pre-Finished metal Thickness: 0.8mm before insulation Size: Nom. 600mm wide x 600mm height curved panels with concealed fixings (or similar system to be approved by architect) Fixing: to steel frame Notes: Mock-up to be provided prior to final confirmation		STACK
Roof Material					
RF-01	Metal standing seam roof panels	Aluminium standing seam system in metallic Silver (or similar and approved by architect)	Material: Non-Combustable Pre-Finished metal Thickness: 0.8mm before insulation Size: Nom. 600mm wide x varied depth (or similar system to be approved by architect) Fixing: to steel frame Notes: Mock-up to be provided prior to final confirmation		ALL BUILDINGS
Noise Wall					
FT-2D	Acrylic Panel	Clear Acrylic Panel. Suggested colour palette: 	Material: Acrylic Panel Size: Nom. 300mm x 2000mm Thickness: 15mm Colour: To be selected from palette, subject to stakeholder engagement or similar approved by architect. Notes: - Anti-graffiti film to be provided as per manufacturer's specification. - Ensure surface density is greater than 20kg/m2		NOISE WALL
FT-2E	Precast concrete panels	Class 3 precast concrete (or similar and approved by architect). Suggested pigment palette: 	Material: Mould formed textured concrete Dimension: Nom. 3000mm x 1650mm Thickness: 150mm Texture (mould formed): 50mm wide x 100mm deep vertical texture at 1200mm centers. Pigment: To be selected from palette, subject to stakeholder engagement or similar approved by architect. Notes: - Anti-graffiti coating to be provided as per manufacturer's specification. - Ensure surface density is greater than 20kg/m2		NOISE WALL
FT-2F			Material: Mould formed textured concrete Dimension: Nom. 3000mm x 1650mm Thickness: 150mm Texture (mould formed): 50mm wide x 100mm deep vertical texture at 600mm centers. Pigment: To be selected from palette, subject to stakeholder engagement or similar approved by architect. Notes: - Anti-graffiti coating to be provided as per manufacturer's specification. - Ensure surface density is greater than 20kg/m2		NOISE WALL
FT-2G			Material: Mould formed textured concrete Dimension: Nom. 3000mm x 1650mm Thickness: 150mm Texture (mould formed): 50mm wide x 100mm deep vertical texture at 300mm centers. Pigment: To be selected from palette, subject to stakeholder engagement or similar approved by architect. Notes: - Anti-graffiti coating to be provided as per manufacturer's specification. - Ensure surface density is greater than 20kg/m2		NOISE WALL

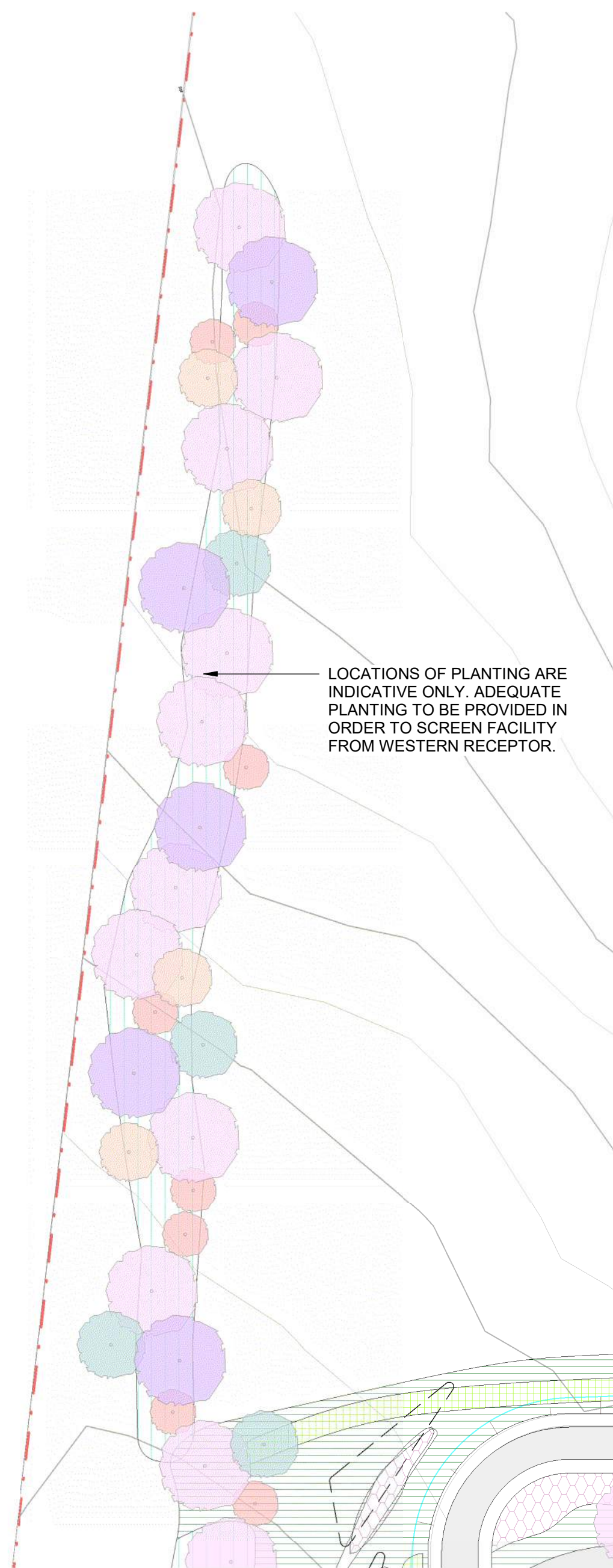
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ADVERTISED PLAN



BOULDERS DISPERSED WITHIN PLANTING AREAS



EARTH MOUNDS AS FEATURES AND SCREENING ELEMENTS



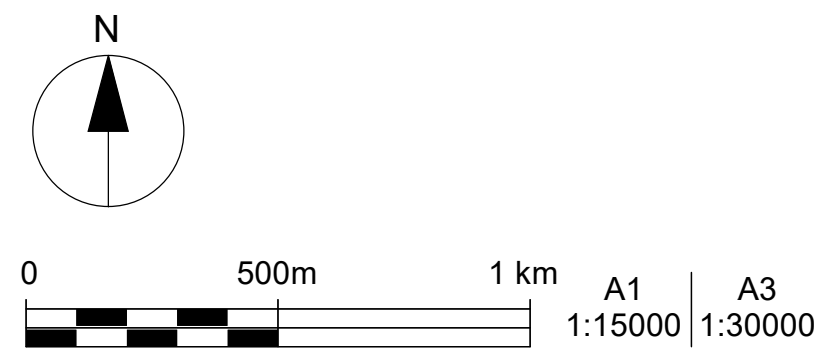
FEATURE GABION WALLS WITH INTEGRATED GATES - BACK



FEATURE GABION WALLS WITH INTEGRATED GATES - FRONT

3 LANDSCAPE PRECEDENT IMAGES
1: 500

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Issue	Date	By	Chkd	Appd
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EPA Comments	01/12/23	GS	VC	MK
Tract Comments	11/08/23	ZR	VC	MG

Tract Comments	07/06/23	ZR	VC	MG
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP

Client

CLEANAWAY
Making a sustainable future possible

Architectural Certification

Name: _____ Date: _____

Signature: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

As indicated

Discipline

LANDSCAPE ARCHITECTURE

ARUP

Wurundjeri Wolkurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

Consult Australia
Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title

KEY PLAN
PLANTING PLAN 1 OF 2

Drawing Status

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Job No

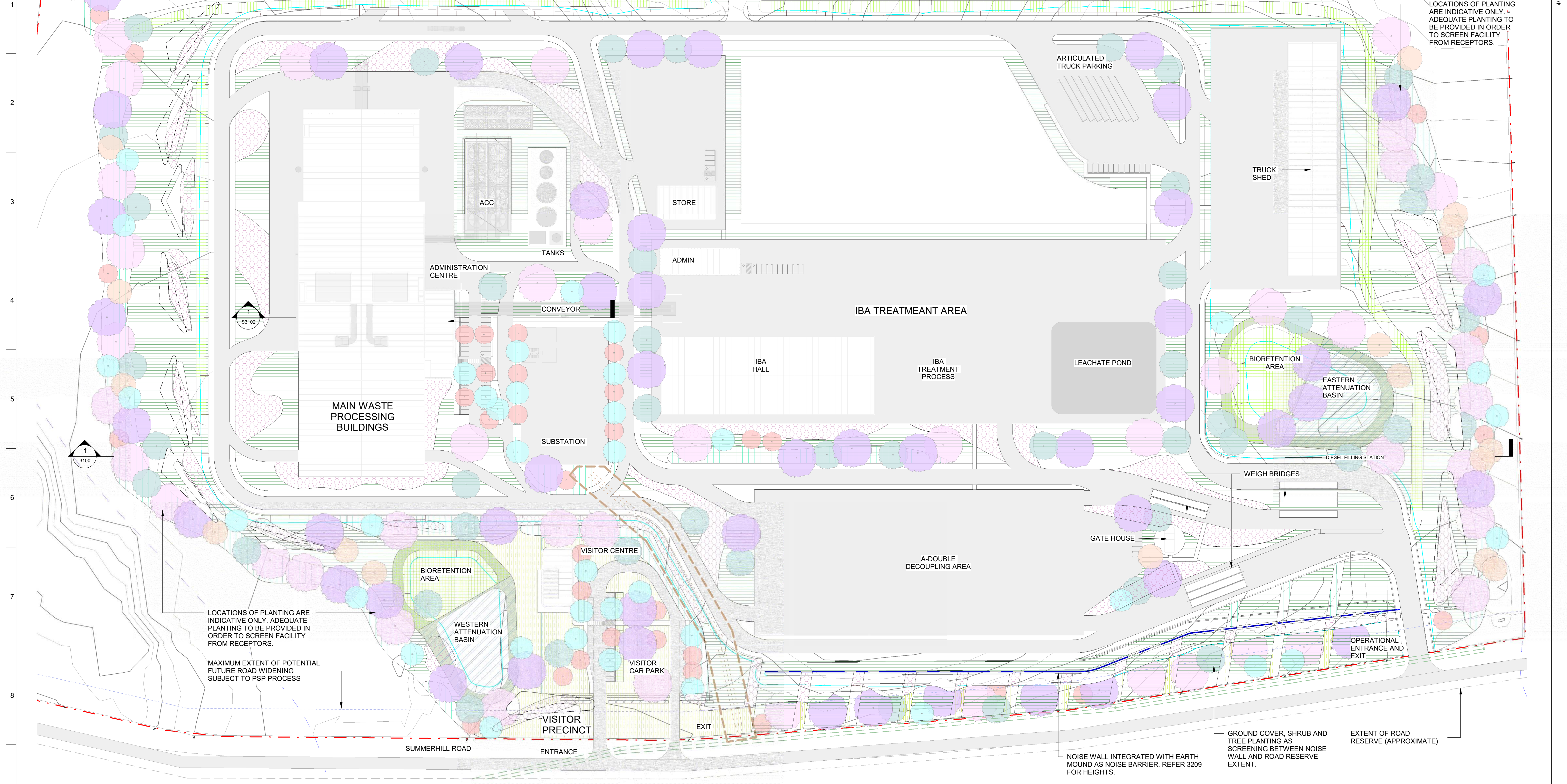
287710-00

Drawing No

MERC-ARU-MEL-LULX-DRG-1100

Issue

6



LEGEND

GENERAL

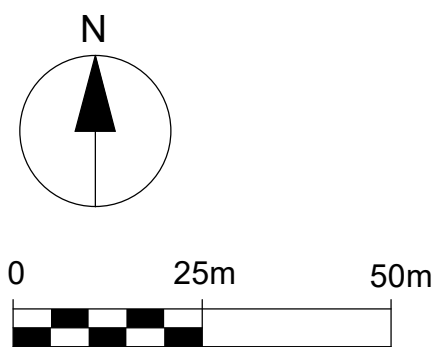
- PROPOSED BOULDERS
- FEATURE MOUNDS
- BIO RETENTION POND
- ATTENUATION AREA
- ATTENUATION BASIN PLANTING
- GABION WALL
- EXISTING OVERHEAD 66KV DISTRIBUTION MAIN
- MAXIMUM EXTENT OF POTENTIAL FUTURE ROAD WIDENING SUBJECT TO PSP PROCESS
- EXTENT OF ROAD RESERVE (APPROXIMATE)
- PROPOSED OVERHEAD 66KV CONNECTION LINE
- PROPOSED ELECTRICITY EASEMENT
- SITE BOUNDARY
- EXISTING TRIBUTARIES
- NOISE WALL

PLANT MIXES

- MIX A
- MIX B
- MIX C
- MIX D
- MIX E

TREES

- ACA IMP
- ALL LIT
- BAN MAR
- EUC CAM
- EUC OVA
- EUS VIM



A1 1:1000 A3 1:2000

Issue	Date	By	Chkd	Appd

EPA Comments	01/12/23	GS	VC	MK
Tract Comments	11/08/23	ZR	VC	MG
Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	VC	MG
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Architectural Certification

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Signature: _____

Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

As indicated

Discipline

LANDSCAPE ARCHITECTURE

ARUP

Wurundjeri Wookwurung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title

PLANTING PLAN
2 OF 2

Drawing Status

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Job No

287710-00

Drawing No

MERC-ARU-MEL-LULX-DRG-1101

Issue

6



1

LANDSCAPE - SECTION

1 : 1000

Planting

Grasses and feature boulders.

Native grass plant mix that reflects the Plains Grassland character.

Waste Reception Hall

Control room / Offices

Staff parking

Grasses, trees and feature boulders.

Trees and planting to provide shade to the park area and amenity to the office block. Native grass plant mix that reflects the Plains Grassland character.

Substation

Screening

Grasses, shrubs, trees and feature boulders.

Planting and trees to screen the substation and IBA building. Native grass and shrubs plant mix that reflects the Plains Grassland character.

IBA sorting building

ADVERTISED
PLAN

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2

LANDSCAPE - ELEVATION WEST

1 : 1000

Stack

Flue gas treatment

Boilers

Waste bunker

Waste reception hall

Visitor Centre

Perimeter screening

Mounds, grasses, shrubs, trees and feature boulders.

Native grass plant mix that reflects the Plains Grassland character.

Attenuation basin area

Mounds, grasses, shrubs, trees and riparian planting.

Planting to the bio-retention basin in front of the visitor centre. Plant mix that reflects the plains Grassy Wetland character.

NOT FOR CONSTRUCTION



A1
1:1000

A3
1:2000

Issue	Date	By	Chkd	Appd
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Issue	Date	By	Chkd	Appd
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Tract Comments	07/06/23	ZR	VC	MG
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
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Issue	Date	By	Chkd	Appd

Client



Architectural Certification

Name:

Signature: Date:

Job Title

MELBOURNE ENERGY AND
RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1
1 : 1000

Discipline

LANDSCAPE ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Drawing Title

SECTION
ELEVATION
LANDSCAPE

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

Drawing No

MERC-ARU-MEL-LULX-DRG-3100

Issue

4

1

ELEVATION - SOUTH 1 OF 2

1 : 1000

Perimeter screening

Mounds, grasses, shrubs, trees, swale and feature boulders.

Native grass plant mix that reflects the Plains Grassland character and riparian species to the swale.

Main facility building

Attenuation basin area and Visitor Centre front view

Mounds, grasses,shrubs, trees and riparian planting.

Planting to the bioretention basin in front of the visitor centre. Species to improve water quality, including ephemeral and macrophyte species that can withstand submerged periods of time. Plant mix that reflects the plains Grassy Wetland character.

Visitor Centre + main entry

Entry / signpost

Formal arrival and entrance framed by mounds, gabion walls and feature planting.

Plant mix with predominantly flowering species from the Basalt Plains Grasslands and Red River Gum Gray Woodland vegetation communities.

IBA sorting building

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ADVERTISED PLAN



2

ELEVATION - SOUTH 2 OF 2

1 : 1000

A-Double decoupling area

Screening

Mounds, trees and shrubs screening this area of the facility.

Native grass plant mix that reflects the Plains Grassland character and blending into the existing verge vegetation.

Facility access

Secondary/service entry

Entrance framed by mounds, gabion walls.

Native grass plant mix that reflects the Plains Grassland character and blending into the existing verge vegetation.

NOT FOR CONSTRUCTION



A11:1000

A31:2000

Issue	Date	By	Chkd	Appd
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EPA Comments	01/12/23	GS	VC	MK
Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	VC	MG
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Cleanaway

Making a sustainable future possible

Architectural Certification

Name: _____

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

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Discipline

LANDSCAPE ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia

CONSULT AUSTRALIA

Member Firm

Arup Pty Ltd

ABN 16 000 956 165

Drawing Title

ELEVATION SOUTH LANDSCAPE

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No

287710-00

Drawing No

MERC-ARU-MEL-LULX-DRG-3101

Issue

5

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10

LANDSCAPE PLANT SCHEDULE							
PLANTING MIX	TREATMENT TYPE	SPECIES CODE	BOTANICAL NAME	COMMON NAME	HEIGHT (m)	WIDTH (m)	POT SIZE
MIX A	PLANTING NEAR ACCESS ROADS AND BUILDINGS	AUS DUT	AUSTRODANTHONIA DUTTONIANA	BROWN-BLACK WALLABY-GRASS	0.8	0.25	TUBESTOCK / SEED
		ASU RUD	AUSTROSTIPA RUDIS	VEINED SPEAR-GRASS	1.3	0.5	TUBESTOCK / SEED
		BOT MAC	BOTHRIOCHLOA MACRA	RED-LEG GRASS	0.9	0.25	TUBESTOCK / SEED
		LOM LON	LOMANDRA LONGIFOLIA	SPINY-HEADED MAT-RUSH	1	1	TUBESTOCK / SEED
		MIC STI	MICROLAENA STIPOIDES	WEEPING GRASS	0.8	0.2	TUBESTOCK / SEED
		POA LAB	POA LABILLARDIEREI	COMMON TUSsock-GRASS	1.3	0.5	TUBESTOCK / SEED
MIX B	UNDERSTOREY AND SCREENING PLANTING	THE TRI	THEMEDA TRIANDRA	KANGAROO GRASS	1	0.4	TUBESTOCK / SEED
		ACA ACI	ACACIA ACINACEA	GOLD-DUST WATTLE	2.5	2	TUBESTOCK
		ACA VER	ACACIA VERTICILLATA	PRICKLY MOSES	4	3	TUBESTOCK
		BUR SPI	BURSARIA SPINOSA	SWEET BURSARIA	4	3	TUBESTOCK
MIX C	UNDERSTOREY AND FEATURE PLANTING	SOL LAC	SOLANUM LACINIATUM	LARGE KANGAROO APPLE	3	3	TUBESTOCK
		ATR SEM	ATRIPLEX SEMIBACCATA	BERRY OR CREEPING SALT BUSH	0.4	0.2	TUBESTOCK
		CHR API	CHRYSOCEPHALUM APICULATUM	COMMON EVERLASTING	0.6	0.25	TUBESTOCK
		STY GRA	STYLIDIUM GRAMINIFOLIUM	GRASS TRIGGER-PLANT	0.75	0.2	TUBESTOCK
		VIO HED	VIOLA HEDERACEA	IVY-LEAF VIOLET	0.25	0.5	TUBESTOCK
		WAH STR	WAHLENBERGIA STRICTA	TALL BLUEBELL	0.3	0.5	TUBESTOCK
MIX D	SWALES AND BIORETENTION	AMP NER	AMPHIBROMUS NERVOSUS	COMMON SWAMP WALLABY-GRASS	1.2	0.3	TUBESTOCK / SEED
		ELE ACU	ELEOCHARIS ACUTA	COMMON SPIKE-SEDGE	0.9	0.3	TUBESTOCK / SEED
		ELE PUS	ELEOCHARIS PUSILLA	SMALL SPIKE-SEDGE	0.3	0.7	TUBESTOCK / SEED
		JUN FLA	JUNCUS FLAVIDUS	GOLD RUSH	1.2	0.35	TUBESTOCK / SEED
		JUN HOL	JUNCUS HOLOSCHOENUS	JOINT-LEAF RUSH	0.9	0.4	TUBESTOCK / SEED
		LOM LON	LOMANDRA LONGIFOLIA	SPINY-HEADED MAT-RUSH	1	1	TUBESTOCK / SEED
MIX E	DETENTION BASIN	SCH APO	SCHOENUS APOGON	COMMON BOG-SEDGE	0.25	0.12	TUBESTOCK / SEED
		AMP NER	AMPHIBROMUS NERVOSUS	COMMON SWAMP WALLABY-GRASS	1.2	0.3	TUBESTOCK / SEED
		ELE ACU	ELEOCHARIS ACUTA	COMMON SPIKE-SEDGE	0.9	0.3	TUBESTOCK / SEED
		JUN FLA	JUNCUS FLAVIDUS	GOLD RUSH	1.2	0.35	TUBESTOCK / SEED
		MLOM LON	LOMANDRA LONGIFOLIA	SPINY-HEADED MAT-RUSH	1	1	TUBESTOCK / SEED
		POA LAB	POA LABILLARDIEREI	COMMON TUSsock-GRASS	1.3	0.5	TUBESTOCK / SEED
MIX F	DETENTION BASIN	THE TRI	THEMEDA TRIANDRA	KANGAROO GRASS	1	0.4	TUBESTOCK / SEED
		ACA IMP	ACACIA IMPLEXA	LIGHTWOOD	15	10	200L
		ALL LIT	ALLOCASUARINA LITTORALIS	BLACK SHE-OAK	7	3	200L
		BAN MAR	BANKSIA MARGINATA	SILVER BANKSIA	12	4	200L
		EUC CAM	EUCALYPTUS CAMALDULENSIS	RIVER RED GUM	40	20	200L
		EUC OVA	EUCALYPTUS OVATA	SWAMP GUM	25	20	200L
		EUC VIM	EUCALYPTUS VIMINALIS	MANNA GUM	30	15	200L

NOTE:
INDICATIVE SPECIES FOR NOISE WALL CLIMBING PLANTS COULD INCLUDE TRACHELOSPERMUM JASMINOIDES, HIBBERTIA SCANDENS, PANDOREA JASMINOIDES

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PLAN

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Issue	Date	By	Chkd	Appd

EPA Comments	01/12/23	GS	VC	MK
Issue	Date	By	Chkd	Appd

Tract Comments	07/06/23	ZR	VC	MG
Tract Comments	19/05/23	ZR	GF	BP
DTP Comments	27/04/23	ZR	GF	BP
DTP Comments	24/04/23	ZR	GF	BP
Initial	22/03/23	ZR	GF	BP
Issue	Date	By	Chkd	Appd

Client



Making a sustainable future possible

Architectural Certification

Name: _____

Signature: _____ Date: _____

Job Title

MELBOURNE ENERGY AND RESOURCE CENTRE
510 SUMMERHILL RD
WOLLERT
VICTORIA 3750

Scale at A1

Discipline

LANDSCAPE ARCHITECTURE

ARUP

Wurundjeri Wookurrung Country
Sky Park, One Melbourne Quarter
699 Collins Street Docklands
VIC 3008 Australia



Member Firm
Arup Pty Ltd
ABN 16 000 966 165

Drawing Title

SCHEDULE LANDSCAPE PLANTING

Drawing Status

S4 - SHARED FOR STAGE APPROVAL

Job No	Drawing No	Issue
287710-00	MERC-ARU-MEL-LULX-DRG-4100	5