

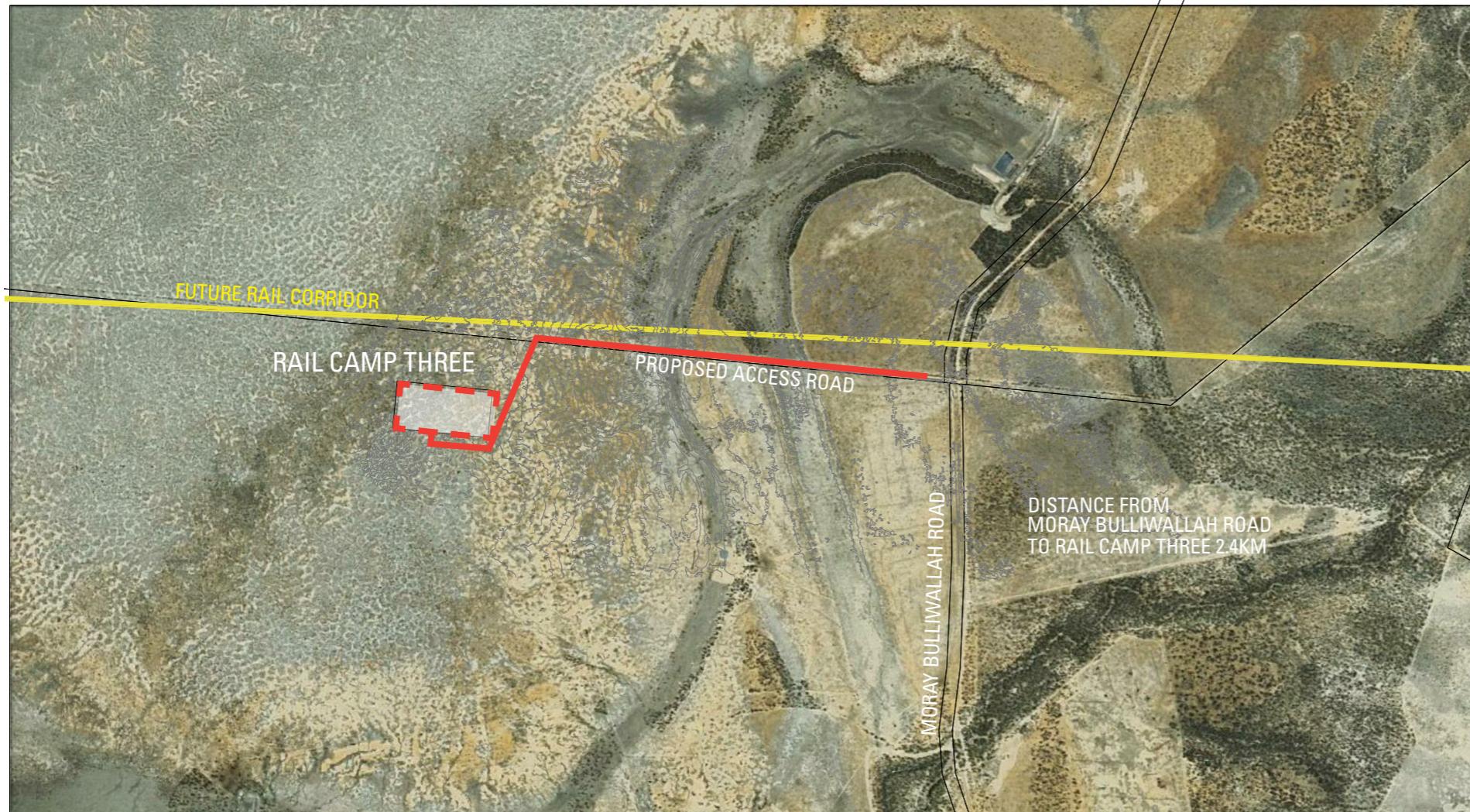
PART  
**10**

PLANS AND DRAWINGS

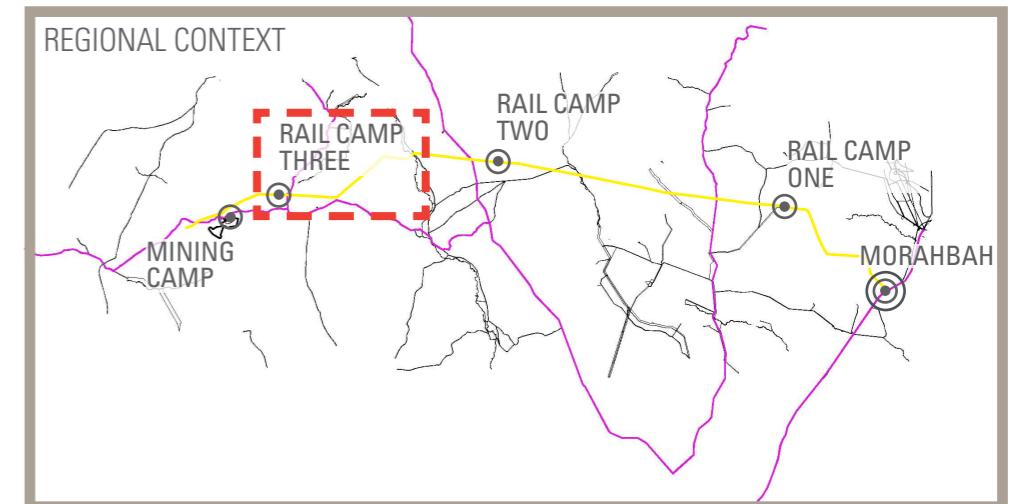
- > Camp Layout Package prepared by Cardno
- > Civil Engineering Drawings prepared by Cardno

CAMP LAYOUT PACKAGE PREPARED  
BY CARDNO

# RAIL CAMP THREE CONTEXT

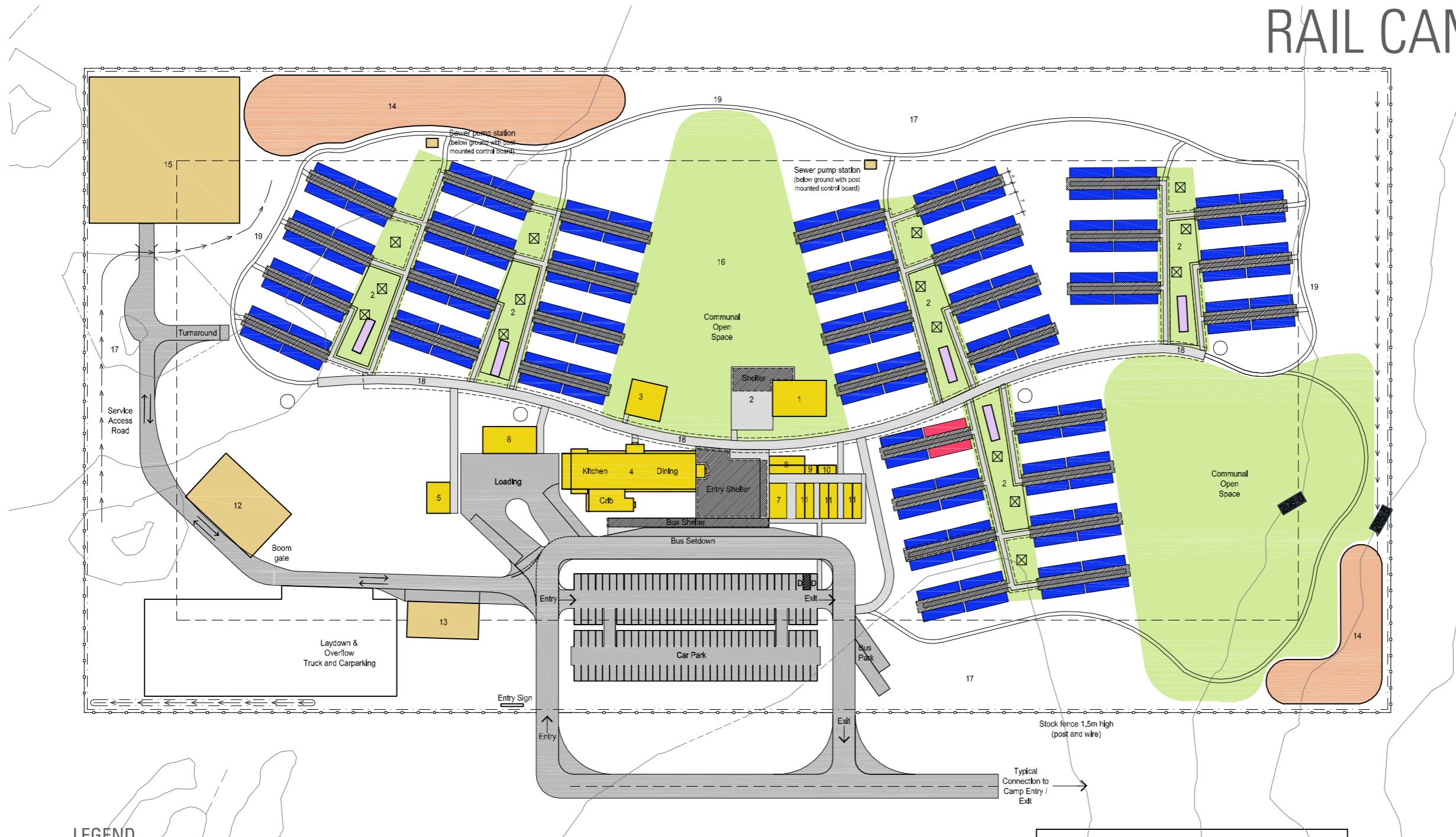


LOCATION PLAN  
SCALE 1:15,000 @ A3



# RAIL CAMP THREE

## PLAN



### LEGEND

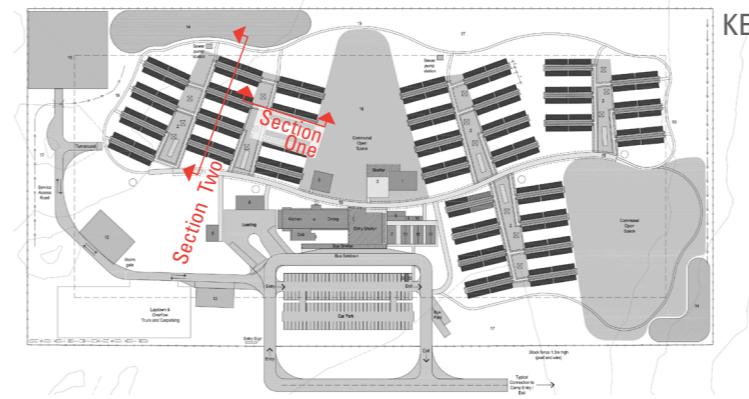
COMMUNAL BUILDING	1 - Recreation Centre/ Wet Mess IT & Telephone
ACCOMMODATION UNIT	2 - Accommodation Unit
DISABLED UNIT	3 - Gym
LAUNDRY	4 - Kitchen/Dining
PATH	5 - Waste
INFRASTRUCTURE	6 - Maintenance / Linen Store
COMMUNAL OPEN SPACE	7 - Office
DETENTION BASIN	8 - Ablution M&F
	9 - Ablution (Disabled)
	10 - First Aid
	11 - Lockers
	12 - Water Treatment Plant
	13 - Generator
	14 - Detention Basin
	15 - Sewerage Treatment Plant
	16 - Communal Open Space
	17 - Fire Break (30M wide)
	18 - Central Path (3M wide) with Freestanding Awning
	19 - Walking Track / Maintenance (1.2M - 2.5M wide)

Fire Tank Water
Catch Drain
Perimeter Bund
Perimeter Fence

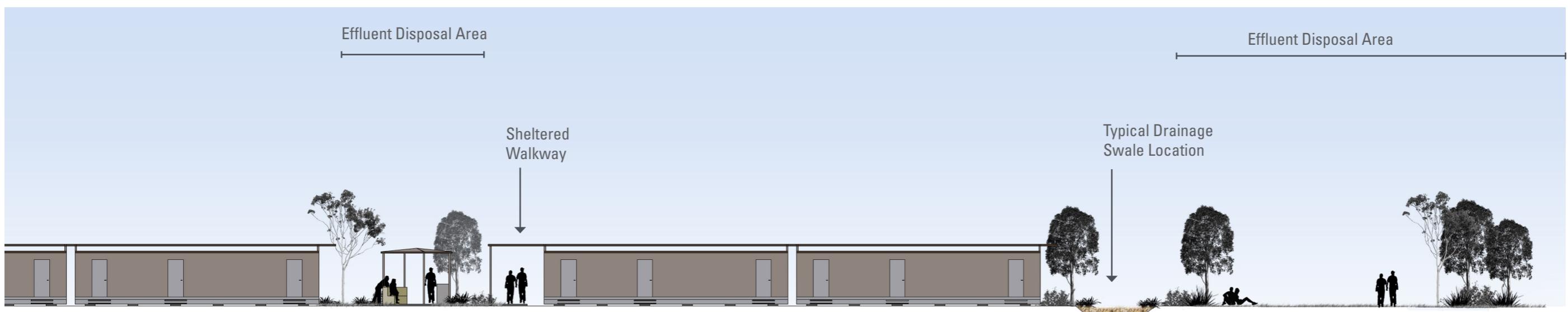
ACCOMMODATION UNITS 405	
DISABLED UNITS	2
CAR PARKING	125
DISABLED CARPARKING	2
BUS PARKING	2
EFFLUENT DISPOSAL	4 ha (based on 100m <sup>2</sup> per person)
DETENTION BASIN	.34ha
TOTAL OPEN SPACE	5.66 ha (including firebreak)
TOTAL SITE AREA	9.38 ha

0 10 20 30 40 50 100  
Scale 1:1500 @ A3 - Dimensions in metres

# RAIL CAMP THREE SECTIONS



ACCOMMODATION UNITS      BBQ & SHELTER AREA      ACCOMMODATION UNITS      COMMUNAL OPEN SPACE



SECTION ONE

CENTRAL PATH      ACCOMMODATION UNITS      SERVICES      ACCOMMODATION UNITS      SERVICES      ACCOMMODATION UNITS      SERVICES      ACCOMMODATION UNITS      SERVICES      WALKING PATH



SECTION TWO

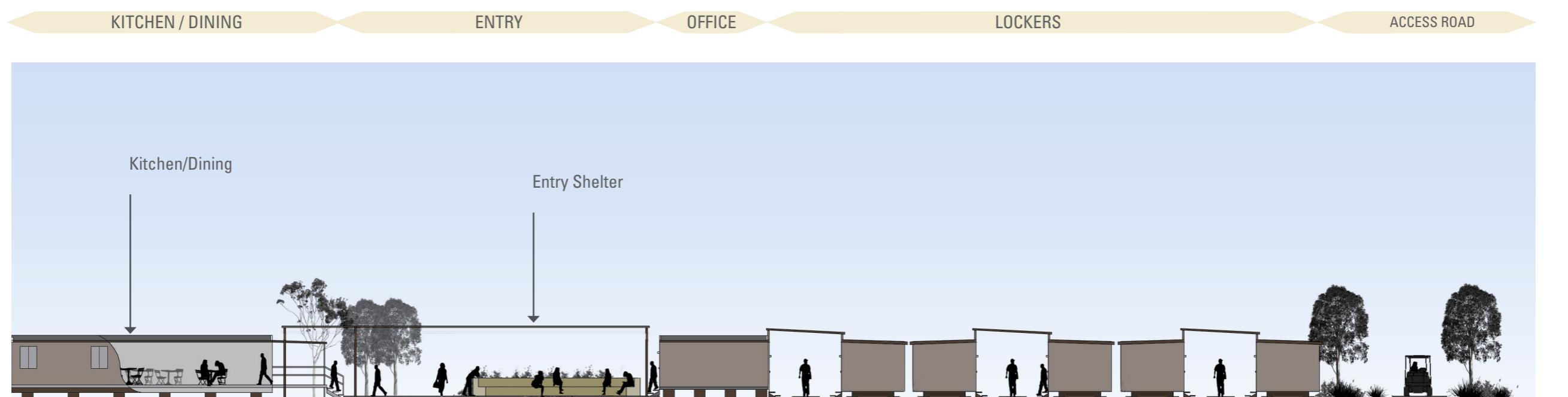
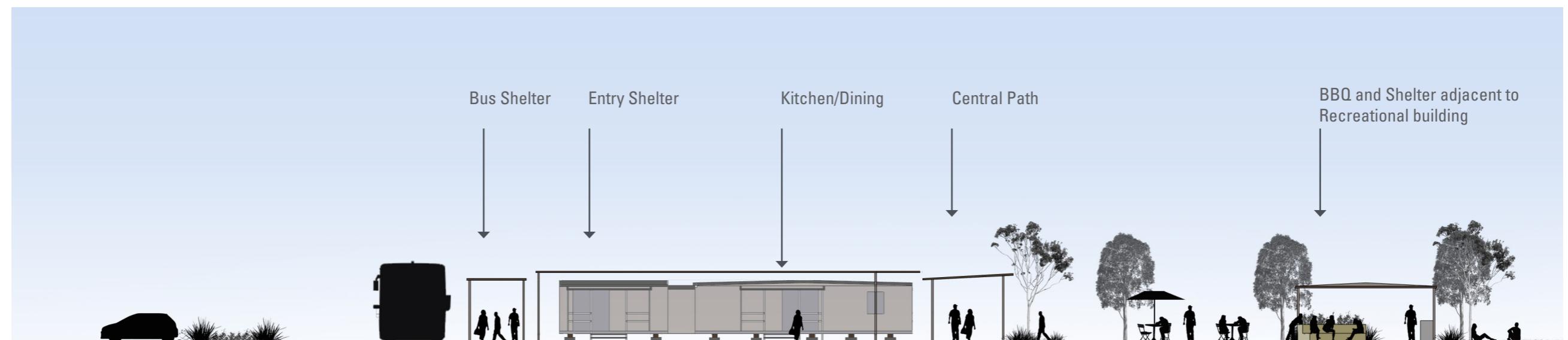
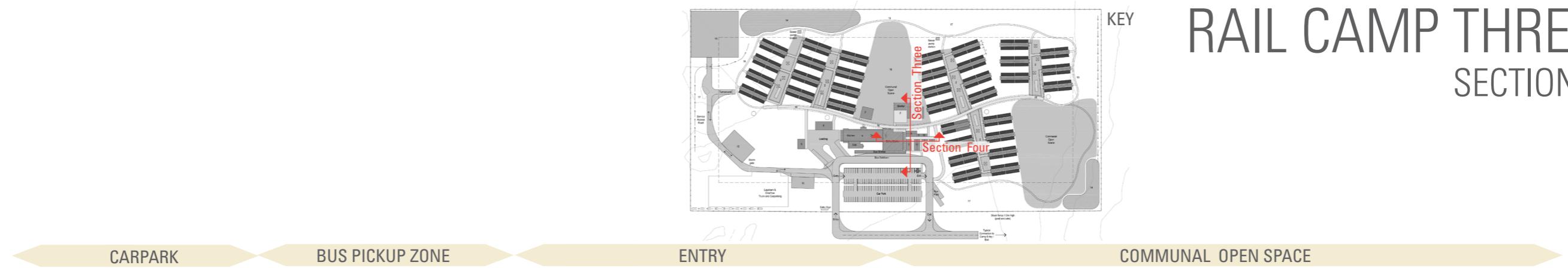


landscape architecture  
urban design  
environmental management

0 1 2 3 5  
10m  
SCALE 1:250 @ A3

ADANI MINING Pty Ltd      RAIL CAMP 3  
DATE      DRAWING NO      ISSUE  
22.10.12      SP126801 -RC03-03      B

# RAIL CAMP THREE SECTIONS



SECTION THREE

SECTION FOUR

# RAIL CAMP THREE

## APPENDICES

### ADANI RAIL CAMP

ATCO - 14.4 x 3.25M Three person double  
ATCO - 14.4 x 3.25M VIP Two person Disabled  
ATCO - 45.0 x 19.5 M Kitchen Diner (400 person)  
ATCO - 12.0 x 6.0 M Office  
ATCO - 12.0 x 3.0 M Ablution Block  
ATCO - 12.0 x 3.0 M Linen Store  
ATCO - 12.0 x 12.0 M Gym  
ATCO - 18.0 x 12.0 M Recreation Centre  
ATCO - 12.0 x 3.0 M Laundry



landscape architecture  
urban design  
environmental management

ADANI MINING Pty Ltd    RAIL CAMP 3  
DATE                    DRAWING NO            ISSUE  
22.10.12                                     B

# RAILCAMP THREE

## APPENDICES

ADANI RAIL CAMP

- ATCO - 14.4 x 3.25M Three person double
- ATCO - 14.4 x 3.25M VIP Two person Disabled
- ATCO - 45.0 x 19.5 M Kitchen Diner (400 person)
- ATCO - 12.0 x 6.0 M Office
- ATCO - 12.0 x 3.0 M Abulition Block
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- ATCO - 12.0 x 12.0 M Gym
- ATCO - 18.0 x 12.0 M Recreation Centre
- ATCO - 12.0 x 3.0 M Laundry



landscape architecture  
urban design  
environmental management

**ADAMIN MINING Pty Ltd      RAIL CAMP 3**



Views indicative only

120842A2

Adani Mining Pty. Ltd.  
Carmichael Project  
QLD.

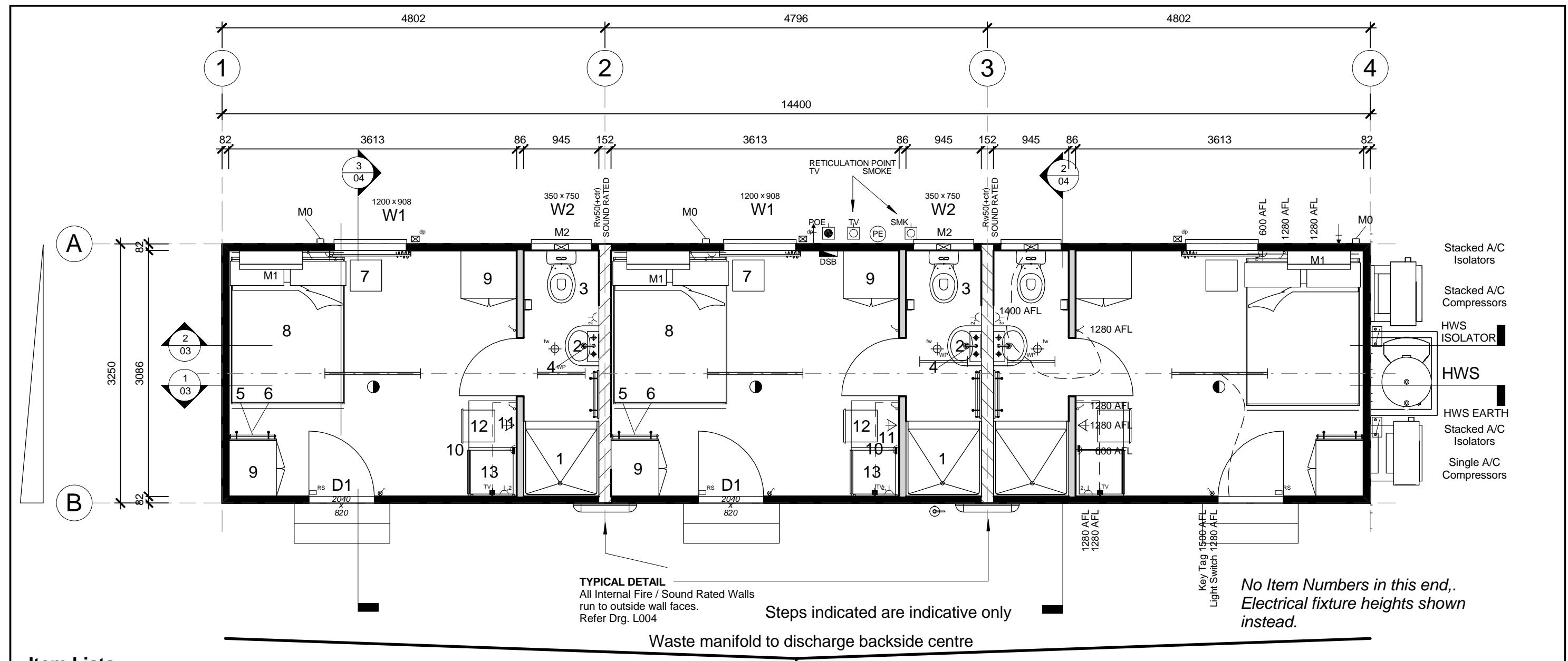
- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
06	Sales Schedules	

14.4 x 3.25m VIP Three Person Double

**ATCO** *Structures & Logistics*

ATCO STRUCTURES & LOGISTICS PTY. LTD.  
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PHONE: (07) 3412 8600  
FAX: (07) 3803 0175  
ABN: 71 083 902 309



## Item Lists

Plumbing - Waste Manifold Outlet
Plumbing - Water Inlet c/w Line Strainer
1 945 x 945 Fibreglass shower cubicle / Curtain, 3 Star WELS
2 Hand Basin VC c/w Mirror Over - NOVATEC CARA inc. overflow & PVC Waste
3 WC Suite 4.5 Star WELS, c/w toilet roll holder
4 Shaving Cabinet c/w 2 mirrored doors
5 Towel Rail - 600w
6 Two Coat Hooks on Timber Rail x 600w
7 395w x 390d x 590h Bedside Three Drawer Unit
8 Double bed c/w innerspring mattress
9 1800h x 800w x 600d Robe c/w Shelves & Hanging Space
10 Step Desk
11 Shelving Over Desk - 1200mm Long Open
12 Steel framed stacker chair
13 Bar Fridge - WESTINGHOUSE - WRM1300WC - 130 litre
14 9.0Kg Fire Extinguisher - AB(E)
dp Dropper only, for 100 x 75mm Downpipe
fw Floor Waste
HWS Rheem Heat Pump 325 Litre/6kW -MPI - mounted externally

## Item Lists

D1	2040 x 820 External Door - Standard : Hollow Core MC
D2	2040 x 720 Internal Door - Standard : Hollow Core
W1	1200 x 908 Sliding Glass Window Grey Glass
W2	350 x 750 Sliding Glass Window Obscure Glass
M0	A/C Vertical Two Piece Cover
M1	2.5kW R/C Split System Air Conditioner - Hybrid
M2	Wall Mounted Exhaust Fan

## Notes

- Building designed in accordance with Queensland Development Code (QDC) MP3.3 - Temporary accommodation buildings and structures.
- Smoke Alarms and TV Outlets are reticulated to common point.
- Exhaust fan and light in ensuite to be operated from same switch
- Sound rated walls to run into roof cavity - refer to drawing details.

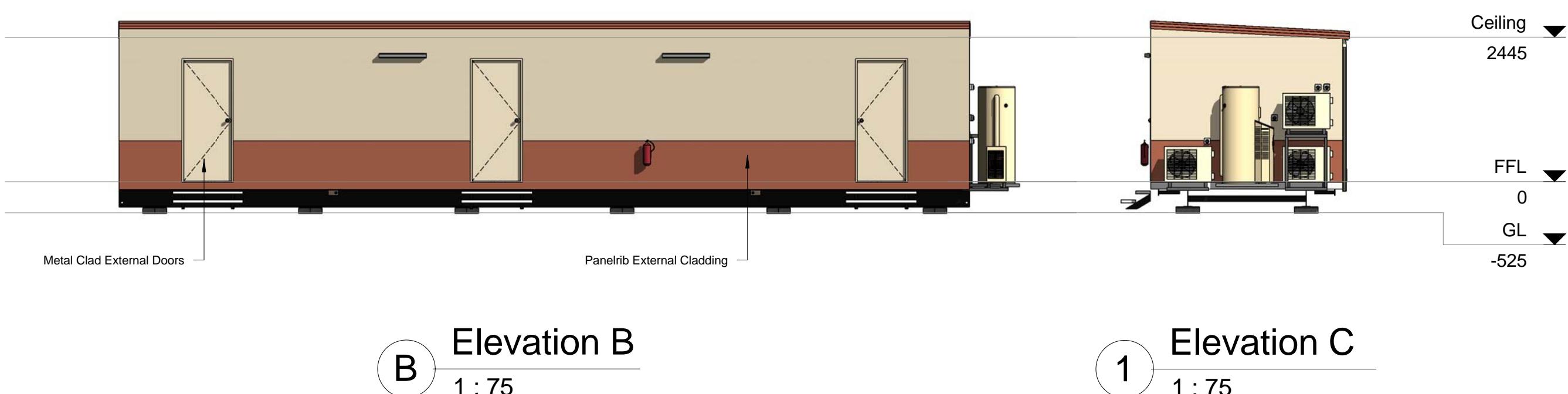
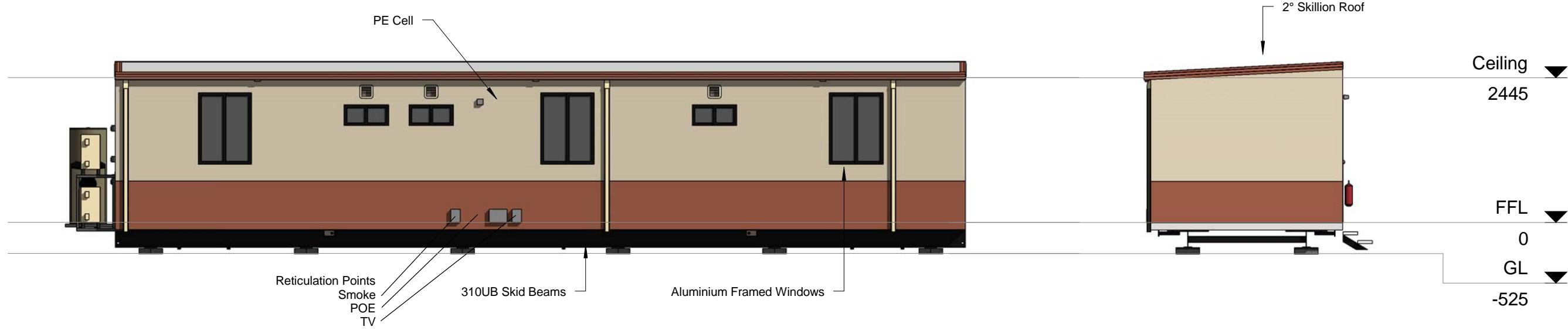
## Energy Efficiency Notes

- The design above is compliant for climate zones 1 & 3 for all orientations. Any changes to windows and/or external door sizes, quantity or locations will require re-submission for energy efficiency compliance.
- Under floor insulation not required under section P2 of QDC MP3.3 - Temporary Accommodation Building and Structures
- For climate zones other than 1 & 3, energy efficiency calculation is subject to geographic location & site orientation.

## Symbol Legend

DSB	Distribution Switchboard	+	Comms. - Draw wire only
POE	Point Of Entry	■	'F' Type television outlet
Light switch		○	240V Smoke detector
Two-way light switch		□	36w Single fluorescent light
Light switch - IPX5 rated		■■■	36w Double fluorescent light
Isolation Switch		■■■■	36w Emergency back-up fluorescent light
IPX5		■■■■■	36w Single fluorescent light - IP65 rated
10amp Single GPO		EXIT	Emergency exit light
10amp Double GPO		○	Oyster Light - 11W Round Fluro
15amp Single GPO		□	External light
10amp GPO - IPX5 rated		○○	18W Single Vandalite
20amp Single GPO		○○○	Oyster light
- Indicates floor mounting		PE	Photo electric light switch
- Indicates ceiling mounting		○○○○	Spot light
PLUMBING - Water Inlet Point		◀▶	PLUMBING - Waste Manifold Outlet Point

Rev	Description	Date	By	THIS DRAWING REMAINS THE PROPERTY OF ATCO STRUCTURES PTY. LTD. IT MAY NOT BE REPRODUCED OR COPIED WHOLE OR IN PART WITHOUT WRITTEN AUTHORITY	QUALITY CERTIFIED TO AS/NZS ISO 9001:2008 BY SCI-QUAL INTERNATIONAL REGN No. 531	PROJECT No.	DATE	SCALE	DRAWN	CHECKED	ATCO Structures & Logistics	TITLE	DESIGN WIND LOAD Reg. C Cat. 2	
						14.4 x 3.25m VIP Three Person Double Adani Mining Pty. Ltd. Carmichael Project QLD.	09.10.12	1 : 50	RA	TK	ATCO STRUCTURES & LOGISTICS PTY. LTD. 149-151 MAGNESIUM DRIVE, CRESTMEAD, QLD 4132 P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118 E-mail: atcosales@atcos.com.au	PHONE: (07) 3412 8600 FAX: (07) 3803 0175 ABN: 71 083 902 309	DRAWING NUMBER	NCC BUILDING CLASS 3
												120842A2 -01	REVISION SHEET SIZE A3	
													9/10/2012 10:34:26 AM	



### Manufacturing Structural Members

Description	Member Size	Back to Back
Single Skid beams c/w Retractable lifters	310UB	2000

### - Floor Structure Schedule

Floor Structure	Comments
Floor	
480mm Floor Joist Centres	
Covering - 1.5mm Polyflor XL Vinyl	100mm Cove - Bathroom
Flooring - 17mm F11 T&G Plywood	
Joists - LC10015 Galvaspan	

### - Wall Schedule

Wall Structure	Comments
External Wall	
407mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower
Cladding External - Colorbond Maxirib - "Paperbark"	Upper
Framing - 75 x 1.0mm Hi-Ten Truecore	
Insulation - R2.9 Batts - 75mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Thermal Break between Framing and Cladding	
Internal Wall - Fire / Sound Rated - Rw50 (+Ctr)	
611mm Stud Centres	
Framing - 92 x 0.5 'RHONDO' Quiet Stud	
Insulation - R1.8 75mm Fibreglass Batt (14kg/m³)	
Lining - 2 x Layers 13mm Fyrecheck to both sides	
Lining - Internal - 3.6mm Polyester Coated Plywood (Finish layer to each side)	
Ply Internal Wall	
611mm Stud Centres	
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	

### Sales Roof Structure Schedule

Roof Structure	Comments
2° Skillion Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

### Sales Door Schedule

No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	820	Standard	Entrance	No	No	Yes	No	No	3	Weather and E/E Seals
D2	Standard : Hollow Core	2040	720	Standard	Privacy	No	No	Yes	No	No	3	

\*\* Under floor insulation not required under section P2 of \*\*  
QDC MP3.3 - Temporary Accommodation Building and Structures

Wall Height  
**2445**

### Sales Window Schedule

No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	Sliding XO	Grey Glass	1200	908	1000	3	c/w Curtains
W2	Sliding XO..	Obscure Glass	350	750	1650	3	

### \* Plumbing Fixtures

No.	Description	Quantity	Comments
	Plumbing - Waste Manifold Outlet	1	
	Plumbing - Water Inlet c/w Line Strainer	1	
1	945 x 945 Fibreglass shower cubicle / Curtain. 3 Star WELS	3	Hot & Cold
2	Hand Basin VC c/w Mirror Over - NOVATEC CARA inc. overflow & PVC Waste	3	Hot & Cold
3	WC Suite 4.5 Star WELS, c/w toilet roll holder	3	
4	Shaving Cabinet c/w 2 mirrored doors	3	
dp	Dropper only, for 100 x 75mm Downpipe	3	
fw	Floor Waste	3	
HWS	Rheem Heat Pump 325 Litre/6kW -MPI - mounted externally	1	

### Sales Mechanical Equipment

No.	Supplier	Description	Quantity
M0	A/C Installer	A/C Vertical Two Piece Cover	3
M1	DAIKIN	2.5kW R/C Split System Air Conditioner - Hybrid	3
M2	AIRFLOW	Wall Mounted Exhaust Fan	3

### Refridgeration Pipes to run under floor

#### - Electrical Fixtures

Description	Quantity
1x10amp GPO	3
2x10amp GPO	9
240v Smoke Alarm	3
External Smoke Junction Box	1
External TV Junction Box	1
Isolation Switch - AC	3
Isolation Switch - HWS	1
Photo Electric Cell	1
Reed Switch	3
Switchboard	1
TV Antenna Socket	3

**SWITCHBOARD:** To have timer installed, via. Door Reed Switch, for all A/C units.

Units to be shut down if door left open for more than 1 minute.

#### Lighting Fixtures

Description	Quantity
1x18w Fluro - IP65	3
1x36W Fluro - Bare	3
Reading Light - Oyster Shape	6
Single Vandalite - Wall Mounted	2
Switch - Key tag	3
Switch - Std	12

#### - Fire Services Schedule

No.	Description	Quantity
14	9.0Kg Fire Extinguisher - AB(E) 2	1

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				14.4 x 3.25m VIP Three Person Double Adani Mining Pty. Ltd. Carmichael Project QLD.											ATCO STRUCTURES & LOGISTICS PTY. LTD. 149-151 MAGNESIUM DRIVE, CRESTMEAD, QLD 4132 P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118 E-mail: atcosales@atcosl.com.au	PHONE: (07) 3412 8600 FAX: (07) 3803 0175 ABN: 71 083 902 309	DRAWING NUMBER	120842A2 -06	NCC BUILDING CLASS 3
																		REVISION SHEET SIZE A3	



Views indicative only

- Drawing List

Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
07	Sales Schedules	

120842A1

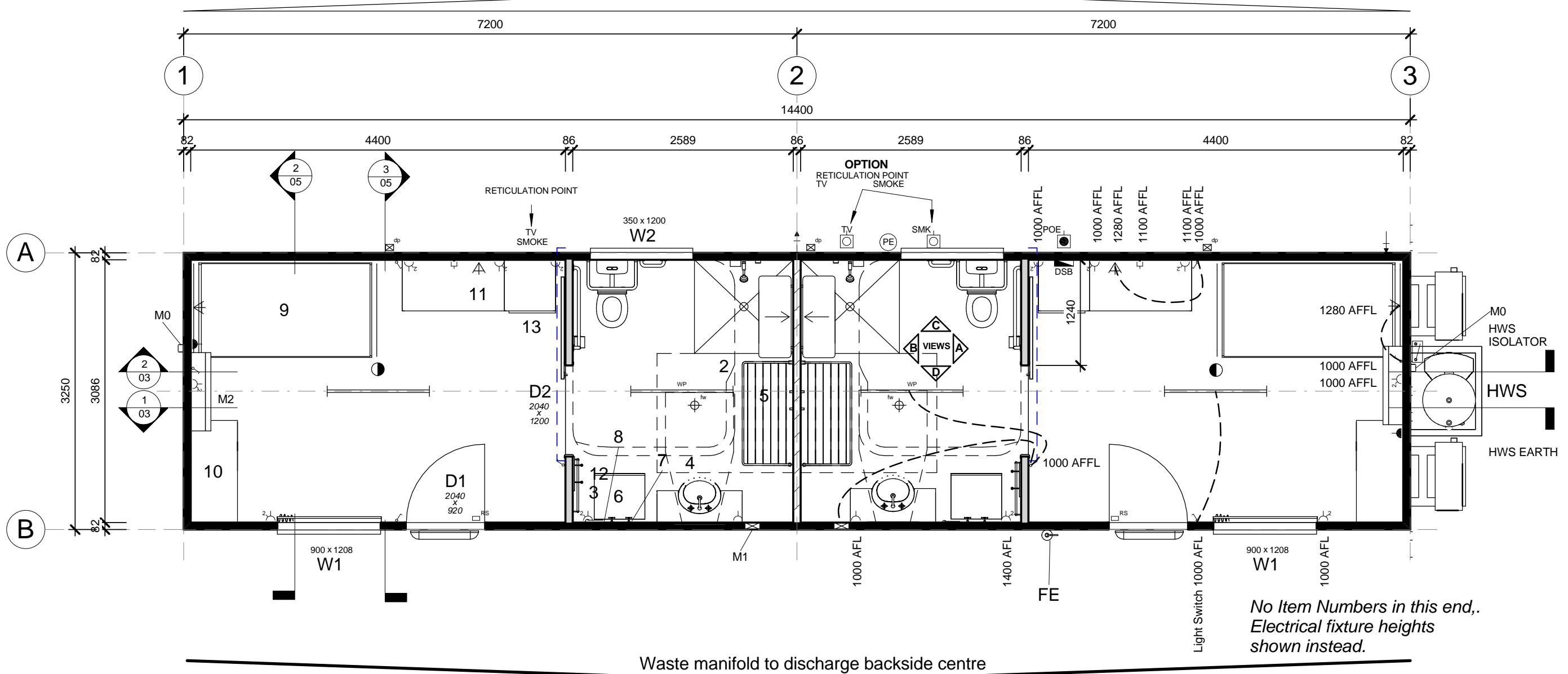
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Carmichael Project  
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14.4 x 3.25m VIP Two Person - Disabled

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PHONE: (07) 3412 8600  
FAX: (07) 3803 0175  
ABN: 71 083 902 309



### Item Lists

Plumbing - Waste Manifold Outlet
Plumbing - Water Inlet c/w Line Strainer
1 Disabled WC Suite - 2011, Grab Rails & Backrest
2 Disabled Shower Type II - 2011 - c/w Fold-Up Seat & Grab Rails
3 Chrome plated towel rail
4 Disabled Vanity Unit c/w Laminated Bench Top & 1000 x 600 mirror over
5 Mini Folding Frame Clothesline
6 Washing Machine/Dryer Combo - Ariston ARMF125 on 300h plinth
7 Washing Machine Taps
8 Washing Machine Discharge Pipe
9 King single bed c/w innerspring mattress
10 Disabled Wardrobe - 2 Drawers
11 Disabled Stepped Desk 1800 x 600
12 Two Coat Hooks on Timber Rail x 600w
13 Bar Fridge - WESTINGHOUSE - WRM1300WC - 130 litre
dp Dropper only, for 100 x 75mm Downpipe
FE 9.0Kg Fire Extinguisher - AB(E)
fw Floor Waste

HWS Rheem Heat Pump 325 Litre/6kW -MPi - mounted externally

### Item Lists

D1	2040 x 920 External Door - Standard : Hollow Core MC
D2	2040 x 1200 Internal Door Standard : Sliding Hollow Core
W1	900 x 1208 Sliding Glass Window - Grey Glass
W2	350 x 1200 Sliding Glass Window Obscure Glass
M0	A/C Vertical Two Piece Cover
M1	Wall Mounted Exhaust Fan
M2	3.62kW R/C Split System Air Conditioner

### Notes

- Building designed in accordance with Queensland Development Code (QDC) MP3.3 - Temporary accommodation buildings and structures.
- Smoke Alarms and TV Outlets are reticulated to common point.
- Exhaust fan and light in ensuite to be operated from same switch
- Sound rated walls to run into roof cavity - refer to drawing details.

### Energy Efficiency Notes

- The design above is compliant for climate zones 1 & 3 for all orientations. Any changes to windows and/or external door sizes, quantity or locations will require re-submission for energy efficiency compliance.
- Under floor insulation not required under section P2 of QDC MP3.3 - Temporary Accommodation Building and Structures
- For climate zones other than 1 & 3, energy efficiency calculation is subject to geographic location & site orientation.

### Symbol Legend

DSB	Distribution Switchboard	□	Comms. - Draw wire only
POE	Point Of Entry	■	'F' Type television outlet
Light switch		○	240V Smoke detector
Two-way light switch		△	36w Single fluorescent light
Light switch - IPX5 rated		□	36w Double fluorescent light
Isolation Switch		■	36w Emergency back-up fluorescent light
		■	36w Single fluorescent light - IP65 rated
WP		■	Emergency exit light
10amp Single GPO		■	Oyster Light - 11W Round Fluro
10amp Double GPO		○	External light
15amp Single GPO		○	18W Single Vandalite
10amp GPO - IPX5 rated		○	Oyster light
20amp Single GPO		□	Photo electric light switch
	- Indicates floor mounting	○	Spot light
	- Indicates ceiling mounting	□	PLUMBING - Water Inlet Point
		■	PLUMBING - Waste Manifold Outlet Point

Rev	Description	Date	By

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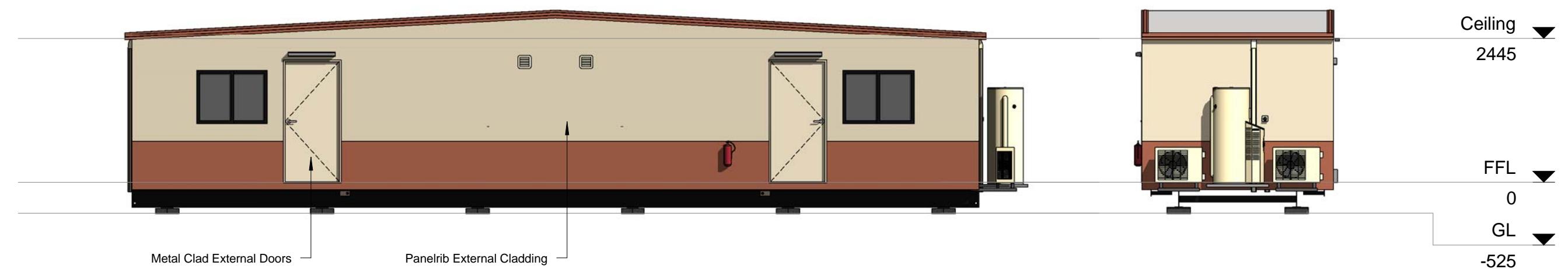
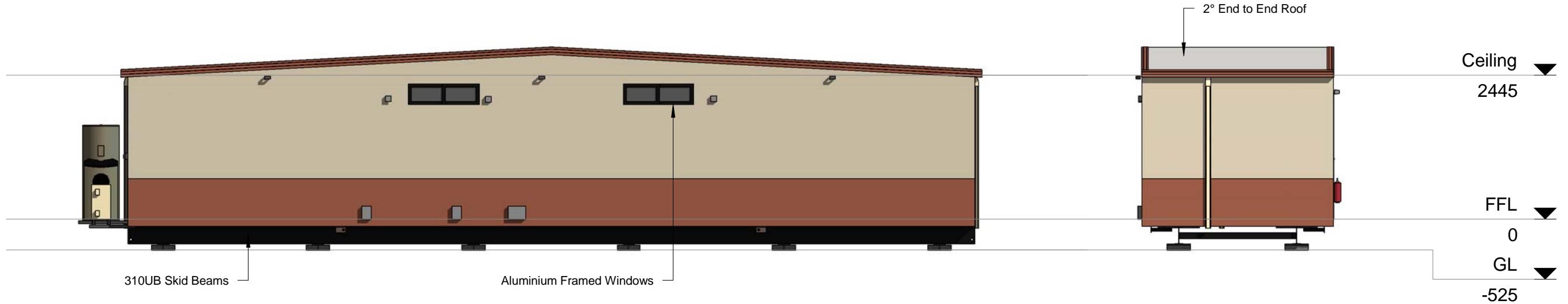
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INTERNATIONAL  
REGN No. 531

PROJECT No.  
14.4 x 3.25m VIP Two Person - Disabled  
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD.

DATE 20.08.12  
SCALE 1 : 50  
DRAWN RA  
CHECKED TK

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PHONE: (07) 3412 8600  
FAX: (07) 3803 0175  
ABN: 71 083 902 309

TITLE Floor Plan  
DRAWING NUMBER 120842A1 -01  
REVISION SHEET SIZE A3



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						14.4 x 3.25m VIP Two Person - Disabled Adani Mining Pty. Ltd. Carmichael Project QLD.									ATCO STRUCTURES & LOGISTICS PTY. LTD. 149-151 MAGNESIUM DRIVE, CRESTMEAD, QLD 4132 P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118 E-mail: atcosales@atcos.com.au	PHONE: (07) 3412 8600 FAX: (07) 3803 0175 ABN: 71 083 902 309	DRAWING NUMBER	120842A1 -02	NCC BUILDING CLASS 3	REVISION SHEET SIZE A3

Manufacturing Structural Members		
Description	Member Size	Centre to Centre
Single Skid beams c/w Retractable lifters	310UB	2000

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	920	Lever	Entrance	No	No	Yes	No		2	E/E & Weather Seals
D2	Standard : Sliding Hollow Core	2040	1200		Privacy			No	Yes		2	Flush Pull Handle

- Floor Structure Schedule	
Floor Structure	Comments
Floor	
600mm Floor Joist Centres	
Covering - 2.0mm Polyflor Non-Slip Vinyl	Bathrooms - 100mm Cove
Covering - 2.0mm Polyflor XL Vinyl	Bedrooms
Flooring - 17mm F11 T&G Plywood	
Insulation - Under Floor - 15mm Foilboard	
Joists - LC10015 Galvaspan	

- Wall Schedule	
Wall Structure	Comments
External Wall	
611mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower
Cladding External - Colorbond Maxirib - "Paperbark"	Upper
Framing - 75 x 1.0mm Hi-Ten Truecore	
Insulation - R2.9 Batts - 75mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Thermal Break between Framing and Cladding	
Ply Internal Wall	
611mm Stud Centres	
75mm Glasswool batt to wall hatched	
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	

**Wall Height**  
**2445**

Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

Rev	Description	Date	By

* Plumbing Fixtures			
No.	Description	Quantity	Comments
	Plumbing - Waste Manifold Outlet	1	
	Plumbing - Water Inlet c/w Line Strainer	1	
1	Disabled WC Suite - 2011, Grab Rails & Backrest	2	
2	Disabled Shower Type II - 2011 - c/w Fold-Up Seat & Grab Rails	2	
3	Chrome plated towel rail	2	
4	Disabled Vanity Unit c/w Laminated Bench Top & 1000 x 600 mirror over	2	c/w Mirror. Disabled Compliant
5	Mini Folding Frame Clothesline	2	Set 1200 AFFL <b>OPTION</b>
7	Washing Machine Taps	2	
8	Washing Machine Discharge Pipe	2	
dp	Dropper only, for 100 x 75mm Downpipe	3	
fw	Floor Waste	2	
HWS	Rheem Heat Pump 325 Litre/6kW -MPi - mounted externally	1	

- Furniture			
No.	Description	Quantity	Comments
9	King single bed c/w innerspring mattress	2	<b>OPTION</b>
10	Disabled Wardrobe - 2 Drawers	2	Disabled Compliant 1 Lh & 1 RH <b>OPTION</b>
11	Disabled Stepped Desk 1800 x 600	2	<b>OPTION</b> <b>OPTION</b>
12	Two Coat Hooks on Timber Rail x 600w	2	

- Electrical Equipment Schedule			
No.	Description	Quantity	Comments
6	Washing Machine/Dryer Combo - Ariston ARMF125 on 300h plinth	2	<b>OPTION</b>
13	Bar Fridge - WESTINGHOUSE - WRM1300WC - 130 litre	2	<b>OPTION</b>

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									DRAWING NUMBER 120842A1 -07	NCC BUILDING CLASS 3
									REVISION SHEET SIZE A3	

No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	Sliding XO	Grey Glass	900	1208	1000	2	c/w Curtain <b>OPTION</b>
W2	Sliding XO..	Obscure Glass	350	1200	1960	2	

Sales Mechanical Equipment			
No.	Supplier	Description	Quantity
M0	A/C Installer	A/C Vertical Two Piece Cover	2
M1	AIRFLOW	Wall Mounted Exhaust Fan	2
M2	TECO	3.62kW R/C Split System Air Conditioner	2

## Refridgeration Pipes to run under floor

- Electrical Fixtures	
Description	Quantity
1x10amp GPO AC	2
1x15amp GPO AC	2
2x10amp GPO	12
240v Smoke Alarm	2
Draw Wire	2
External Smoke Junction Box	1
External TV Junction Box	1
Isolation Switch - HWS	1
Photo Electric Cell	1
Reed Switch <b>OPTION</b>	2
Switchboard	1

**SWITCHBOARD:** To have timer installed, via. Door Reed Switch, **OPTION** for all A/C units.

Units to be shut down if door left open for more than 1 minute.

Lighting Fixtures	
Description	Quantity
1x36W Fluro - Bare	2
1x36W Fluro - IP65	2
Reading Light - Oyster Shape	4
Single Vandalite - Wall Mounted	2
Switch - Std	8

- Fire Services Schedule		
No.	Description	Quantity
FE	9.0Kg Fire Extinguisher - AB(E) 2	1



View indicative only

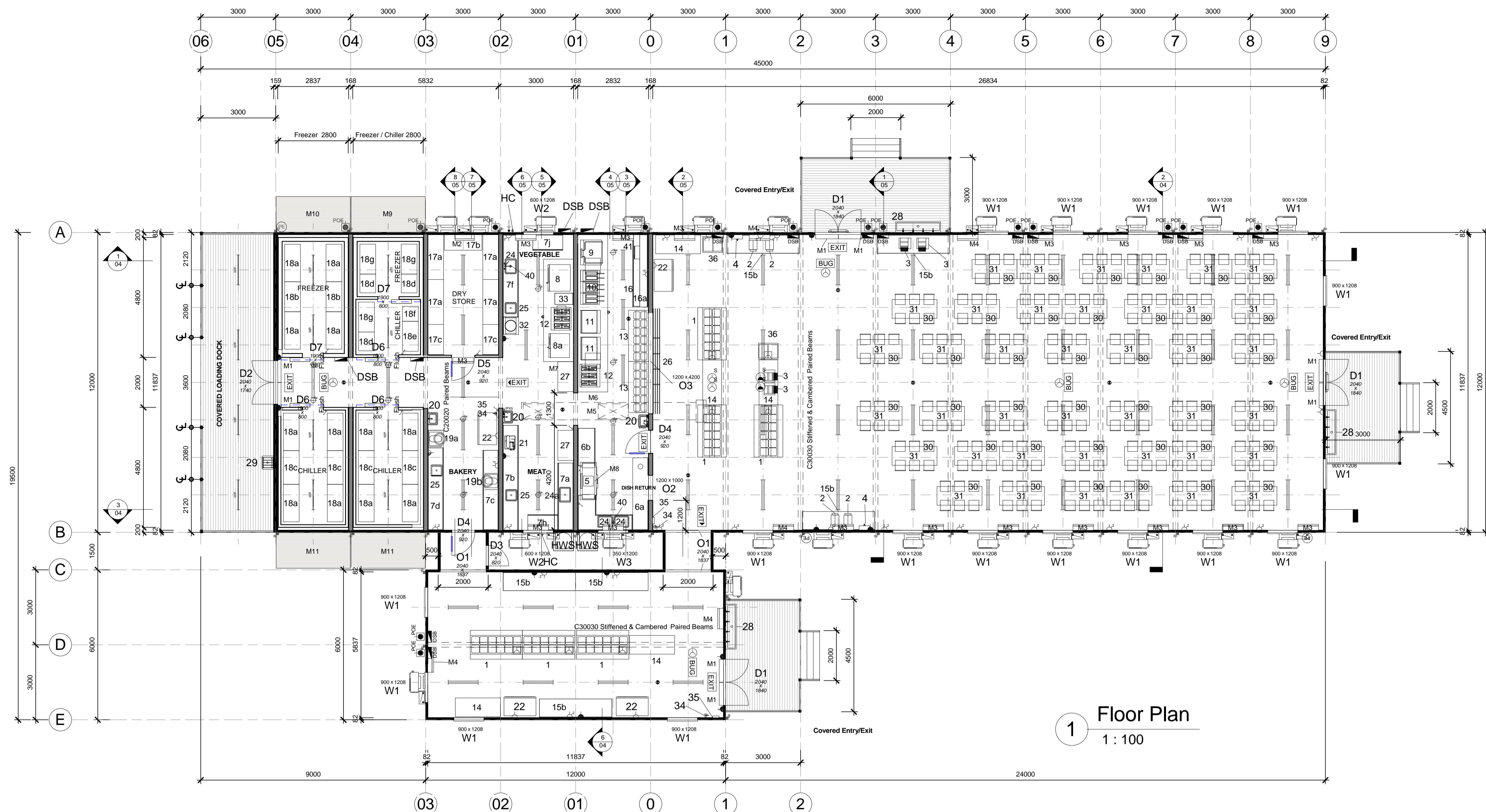
- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	A
01	Floor Plan	A
02	Elevations	A
05	Kitchen Sections	A
07	Sales Schedules	A

KD-400-H-C2

ATCO Structures & Logistics Pty Ltd

COOKING CAPACITY = 400 Person  
SEATING CAPACITY = 240 Person

Kitchen Diner - 45.0 x 19.5m


**Item List**

1 Plumbing - Water Inlet c/w Line Strainer	18a Shelving 4 Tier Post Style with ABS Shelves - 1800h x 600d	D1 2040 x 1840 External Double Door - Standard : Hollow Core MC
1 Solid Br - 6 Mod - Storage Under / Glass Canopy	18b Shelving 4 Tier Post Style with ABS Shelves - 1800h x 600d	D2 2040 x 1740 External Double Door - Standard : Hollow Core MC
2 Drinks Dispenser - 2 x 12 litre	18c Shelving 4 Tier Post Style with ABS Shelves - 1800h x 600d	D3 2040 x 620 External Door - Standard : Hollow Core
3 Conveyor Toaster	18d Shelving 4 Tier Post Style with ABS Shelves - 1800h x 600d	D4 2040 x 920 Internal Door - Half Glass : Solid Core
4 BIRKO 15ltr Autoboller	18e Shelving 4 Tier Post Style with ABS Shelves - 1800h x 600d	D5 2040 x 920 Internal Door - Half Glass : Hollow Core
5 Rack - Kitchen Dishwasher	18f Shelving 4 Tier Post Style with ABS Shelves - 1800h x 600d	D6 1900 x 800 Internal Door - Standard : Coldroom Panel Door
6a Dish Return c/w Screen Hole / Chute (1400 x 3825 x 2900) (300 high Splashback with 600 high wall cover)	18g Shelving 4 Tier Post Style with ABS Shelves - 1800h x 600d	D7 1900 x 800 Internal Door - Standard : Freezer Panel Door
6b Dishwash Exit 1500 x 700 (300 high Splashback with 600 high wall cover)	18h Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 600d	O1 2040 x 1000 Opening Only
6c Prep Bench - Meat 01 x 2700w (300 high Splashback)	18i Shelving 3 Tier Post Style with ABS Shelves - 1200h x 600w x 600d	O2 1200 x 1000 Window opening
6d Prep Bench - Meat 02 x 4200w (300 high Splashback)	18j Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1200w x 600d	O3 1200 x 4200 Servery
6e Prep Bench - Bakery 01 x 3200w (300 high Splashback)	18k Planetary Mixer - 40 litre	W1 900 x 1208 Sliding Glass Window - Grey Glass
6f Prep Bench - Bakery 02 x 4000w (300 high Splashback)	18l Planetary Mixer - 20 litre	W2 600 x 1208 Sliding Glass Window - Obscure Glass
6g Prep Bench - 300 Standup - 700h	18m Hand Basin - Stainless Steel - Knef Operated (Hot & Cold)	W3 350 x 1200 Sliding Glass Window - Obscure Glass
7f Prep Bench - Vegie 01 x 4000w inc. Standup	21 Semi Automatic Slicer	M1 900mm Air Curtains
7h Mobile Bench - Meat 1200w x 750d x 900h (No Splashback)	22 Two Glass Door Chiller - 1120 Litres	M2 3.5kW R/C Split System Air Conditioner - Inverter
7i Mobile Bench - Vegie 1200w x 750d x 900h (No Splashback)	24 600 x 450 x 380 deep sink c/w Pot Wash Item 40	M3 5.0kW R/C Split System Air Conditioner - Inverter
8 Combi Oven - Electric	24a 600 x 450 x 380 deep sink c/w Flickmixer	M4 7.1kW R/C Split System Air Conditioner - Inverter
8a Combi Oven - Electric	25 450 x 450 x 300 deep sink c/w Flickmixer	M5 Fresh Air Dual Kitchen Induction System
9 Tilting Bratt Pan - Electric - 150 Litre	26 Tubular Tray Race x 4200w	M6 Exhaust Canopy - Main x 6300w
10 Deep Fryer - Electric - 3 Pan x 32 Litre	27 Pot Rack 4 Tier Post Style with Wire Grid Shelves 1800h x 1200w x 600d	M7 Exhaust Canopy - Secondary
11 Griddle - Electric	28 4 Tap Stainless Steel Wash Trough 1800mm long	M8 Vent Hood for ES100 Rack - Conveyer Dishwasher
12 Range Electric - 6 Element	29 Cleaners sink with hinged grate (Hot & Cold Tap Only)	M9 External Compressors - Freezer / Chiller
13 Bain Bain Mod - 6 Mod - Heated Storage Under / Sneeze Guard	30 Steel Framed Stackier Chair	M10 External Compressor - Freezer
14 Mobile Bench - Diner x 1800w x 750d x 900h (No Splashback)	31 1800 x 750 Melamine Lunch table	M11 External Compressor - Chiller
15b Beverage Bench x 2900w (600 high Splashback)	32 Bench Mounted Potato Peeler	
16 Prep Bench - Cooking x 2900w (300 high Splashback)	33 Infill Bench - 450w/750d (300 high Splashback)	
16a Prep Bench - Cooking - Shelf x 2900w	34 9.0Kg Fire Extinguisher - AB/E	
17a Shelving 4 Tier Post Style with Wire Grid Shelves 1800h x 1800w x 600d	35 Fire Blanket	
17b Shelving 4 Tier Post Style with Wire Grid Shelves 1800h x 1500w x 600d	36 Ice Cream Freezer - 183 Litre	
17c Shelving 4 Tier Post Style with Wire Grid Shelves 1800h x 1200w x 600d	40 Pot Wash - Hob Mounted Pre Rinse & Add On Pot Filler	
	41 Microwave	
	42 Electronic Bug Killer - 2 x 20W	
	do Dropper only, for 100 x 75mm Downpipe	
	DSB Switchboard	
	fw Commercial Floor Waste	
	HC Hose Cock	
	HWS 315Ltr Triple element hot water system - mounted externally	

 COOKING CAPACITY = 400 Person  
 SEATING CAPACITY = 240 Person

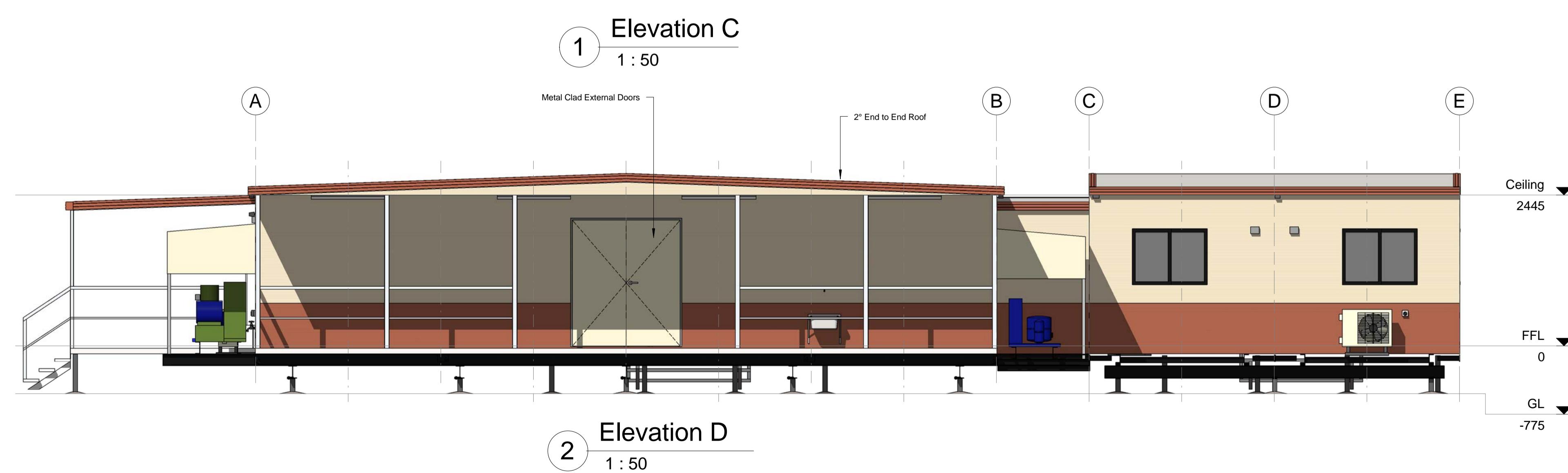
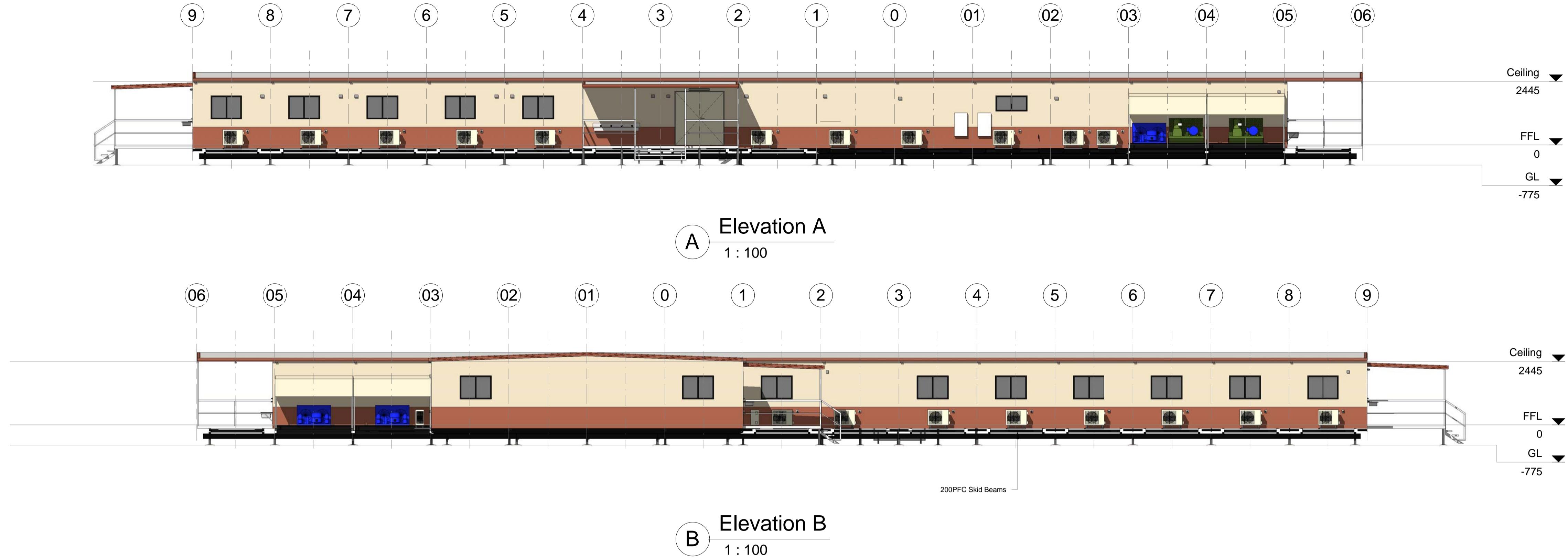
**Symbol Legend**

DSB	Distribution Switchboard
POE	Point Of Entry
Light switch	Two-way light switch
Light switch - IPX5 rated	Light switch - IPX5 rated
Isolation Switch	Isolation Switch
10amp Single GPO	10amp Double GPO
15amp Single GPO	10amp GPO - IPX5 rated
20amp Single GPO	20amp Single GPO
- Indicates floor mounting	- Indicates ceiling mounting
Comms - Draw wire only	F Type television outlet
240V Smoke detector	36W Single fluorescent light
36W Double fluorescent light	36W Emergency back-up fluorescent light
36W Single fluorescent light - IP65 rated	36W Single fluorescent light
Emergency exit light	Oyster Light - 11W Round Fluoro
Oyster Light - 11W Round Fluoro	Oyster Vandalite
Oyster Vandalite	Photo electric light switch
Photo electric light switch	Spot light
PLUMBING - Water Inlet Point	PLUMBING - Waste Manifold Outlet Point

Kitchen Diner - 45.0 x 19.5m

ATCO Structures &amp; Logistics Pty Ltd

DATE	31.05.12
SCALE	1 : 100
DRAWN	RA
CHECKED	TK
PROJECT No.	
DESIGN WIND LOAD	NCC BUILDING CLASS
Reg. C Cat. 2	6
TITLE	Floor Plan
DRAWING NUMBER	KD-400-H-C2-01
REVISION	A
SHEET SIZE	A1



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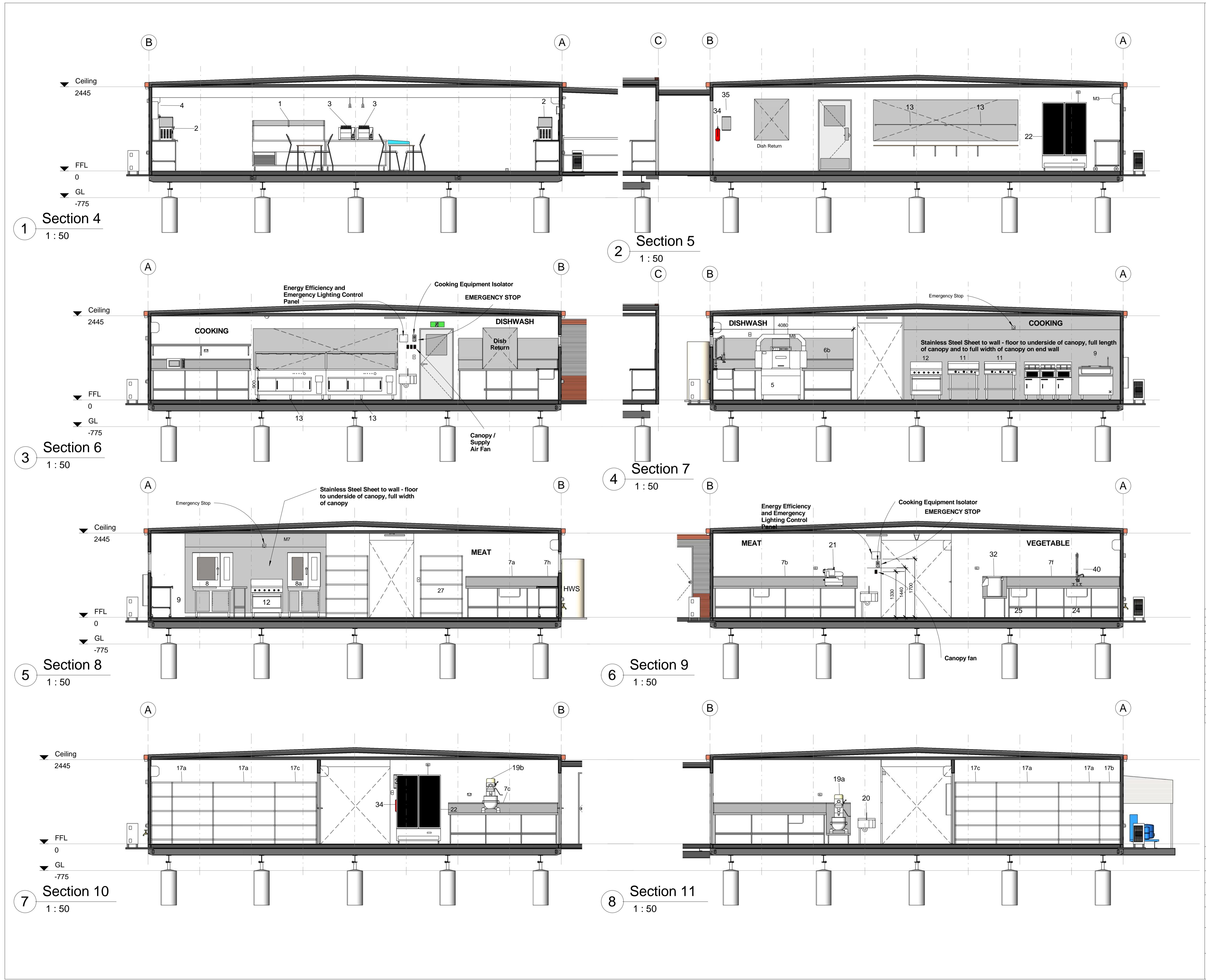
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## Kitchen Diner - 45.0 x 19.5m

ATCO Structures & Logistics Pty Ltd

TE	31.05.12
ALE	As indicated
AWN	RA
ECKED	TK
JECT No.	
SIGN WIND LOAD eg. C Cat. 2	NCC BUILDING CLASS 6
LE	
elevations	
AWING NUMBER KD-400-H-C2 -02	REVISION A
	SHEET SIZE A1



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Kitchen Diner - 45.0 x 19.5m

ATCO Structures & Logistics Pty Ltd

TE	31.05.1
ALE	1 : 5
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OBJECT No.	
SIGN WIND LOAD sg. C Cat. 2	NCC BUILDING CLASS 6

J  
LE

Technical Sections		
DRAWING NUMBER	REVISION	SHEET S
KD-400-H-C2 -05	A	A1

Manufacturing Structural Members		
Description	Member Size	Back to Back
Skid Beams - Perimeter Chassis	200PFC	2850
Skid beams c/w retractable lifters	200PFC	2000
Rail System	200UB22.3	
Paired Beams	C20020	
Paired Beams	C30030 Stiffened & Cambered	

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	1840	Lever	Entrance	Yes	No	Yes	No		3	E/E Seals
D2	Standard : Hollow Core MC	2040	1740	Lever	Entrance	Yes	No	Yes	No		1	E/E Seals
D3	Standard : Hollow Core	2040	820	Standard	Entrance	No	No	Yes	No		1	E/E Seals
D4	Half Glass : Solid Core	2040	920	Lever	Passage	Yes	No	Yes	No		2	Push/Kick Plates both sides
D5	Half Glass : Hollow Core	2040	920	Lever	Entrance	No	No	Yes	No		1	
D6	Standard : Coldroom Panel Door	1900	800		Coolroom Furniture			Yes	No		3	Chillers - Supplied and installed by third party.
D7	Standard : Freezer Panel Door	1900	800		Coolroom Furniture			Yes	No		2	Freezer - Supplied and installed by third party.
O1	Opening Only	2040	1837					Yes	No		3	

- Floor Structure Schedule	
Floor Structure	Comments
DECK	
400mm Floor Joist Centres	
Flooring - 19 x 89 Shottedge	
Framing - LC7512 Galvaspan	
DINER FLOOR	
480mm Floor Joist Centres	
Covering - 2.0mm Polyflor XL Vinyl	
Flooring - 17mm F11 T&G Plywood	
Joists - LC10015 Galvaspan	
KITCHEN FLOOR	
400mm Floor Joist Centres	
Covering - 2.0mm Polyflor Non-Slip Vinyl	100mm Cove
Flooring - 15mm Compressed Fibre Cement (CFC)	
Joists - LC10015 Galvaspan	

FREEZER FLOOR - 100mm panel type c/w 15mm CFC, epoxy coated to give a water resistant surface and 3mm Alli. Checker plate.

COLDROOM FLOOR - 100mm panel type c/w 15mm CFC, epoxy coated to give a water resistant surface and 3mm Alli. Checker plate.

NOTE: Floors flush to Hallway FFL

- Wall Schedule	
Wall Structure	Comments
Coldroom / Freezer Walls	
Panel	
0.6mm Colorbond Skin	
100mm EPS Panel	Coldroom
150mm EPS Panel	Freezer
External Wall	
Stud Centres - Diner 611mm - Kitchen 400mm	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 75 x 1.0mm Hi-Ten Truecore	
Insulation - R2.9 Batts - 75mm	
Insulation - Sisalation	Kitchen External Walls
Lining - 6mm Villaboard	Kitchen Area
Lining - Internal - 3.6mm Polyester Coated Plywood	Diner
Thermal Break between Framing and Cladding	
External Wall / Double 600mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 2 Walls - 75 x 1.0mm Hi-Ten Truecore	
Insulation - R2.9 Batts - 75mm	
Lining - 6mm Villaboard	Kitchen Area
Thermal Break between Framing and Cladding	
Villaboard Double Internal Wall	
400mm Stud Centres	
Framing - 2 Walls - 75 x 1.0mm Hi-Ten Truecore	
Lining - 6mm Villaboard	Kitchen Area
Villaboard Internal Wall	
400mm Stud Centres	
Framing - 2 Walls - 75 x 1.0mm Hi-Ten Truecore	
Lining - 6mm Villaboard	Kitchen Area

Wall Height  
2445

Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PBD LC10015 - 400 - (3.0 & 3.5)	
Ceiling Joist Centres - Kitchen 400mm - Diner 611mm	
Framing - LC10015 Galvaspan	
Insulation - R2.3 Foil Back Blanket - 95mm	
Lining - Internal - 3.6mm Mirage Pearl Plywood	
Lining - Internal - 6mm Villaboard	Kitchen Area, Loading Dock Ceiling.
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	DINER ONLY
Roof - 0.48mm BMT Superdek Roofing	KITCHEN ONLY

Sales Window Schedule										
No.	Type	Glazing	Height	Width	Sill	Height	Quantity	Comments		
O2	Window Opening only	Dish Return	1200	1000	900		1			
O3	Window Opening only	Server Window	1200	4200	880		1			
W1	Sliding XO	Grey Glass	900	1208	1000		18			
W2	Sliding X01	Obscure Glass	600	1208	1300		2	Sloping Sill		
W3	Sliding XO..	Obscure Glass	350	1200	1550		1	Sloping Sill		

* Plumbing Fixtures			
No.	Description	Quantity	Comments
4	Plumbing - Water Inlet c/w Line Strainer	1	
4	BIRKO 15ltr Autoboyer	2	
20	Hand Basin, Stainless Steel - Knee Operated (Hot & Cold)	3	
24	600 x 450 x 380 deep Sink c/w Pot Wash Item 40	3	Hot & Cold
24	600 x 450 x 380 deep Sink c/w Flickmixer	1	Hot & Cold
25	450 x 450 x 300 deep Sink c/w Flickmixer	3	Hot & Cold
28	4 Tap Stainless Steel Wash Trough 1800mm long	3	
29	Cleaners sink with hinged grate (Hot & Cold Tap Only)	1	
40	Pot Wash - Hob Mounted Pre Rinse & Add On Pot Filler	2	Hot & Cold
d1	Dropper only, for 100 x 75mm Downpipe	33	
fw	Commercial Floor Waste	14	
HC	Hose Cock	2	
HWS	315Ltr Triple element hot water system - mounted externally	2	

Sales Mechanical Equipment			
No.	Supplier	Description	Quantity
M1	TECO	900mm Air Curtains	8
M2	DAIKIN	3.5kW R/C Split System Air Conditioner - Inverter	1
M3	DAIKIN	5.0kW R/C Split System Air Conditioner - Inverter	18
M4	DAIKIN	7.1kW R/C Split System Air Conditioner - Inverter	5
M5	Aircon Eng.	Fresh Air Dual Kitchen Induction System	1
M6	T&H Sheetmetal	Exhaust Canopy - Main x 6300w	1
M7	T&H Sheetmetal	Exhaust Canopy - Secondary	1
M8	T&H Sheetmetal	Vent Hood for ES100 Rack - Conveyor Dishwasher	1
M9		External Compressors - Freezer / Chiller	1
M10		External Compressor - Freezer	1
M11		External Compressor - Chiller	2

Lighting Fixtures		
No.	Description	Quantity
1x36W Fluro - IP65		12
2x36W Fluro & Diffuser		62
Exit - Ceiling Mount		4
Exit - Ceiling Mount Directional		2
Exit - Wall Mount		1
Single Vandale - Wall Mounted		2
Spitfire 10W - Emergency Light - Battery Backup		10
Switch - IPX5		2
Switch - Std		12

Rainwater Goods	
Description	Quantity
Dropper only, for 100 x 75mm Downpipe	33

Handrail Schedule	

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- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
06	Sales Schedules	

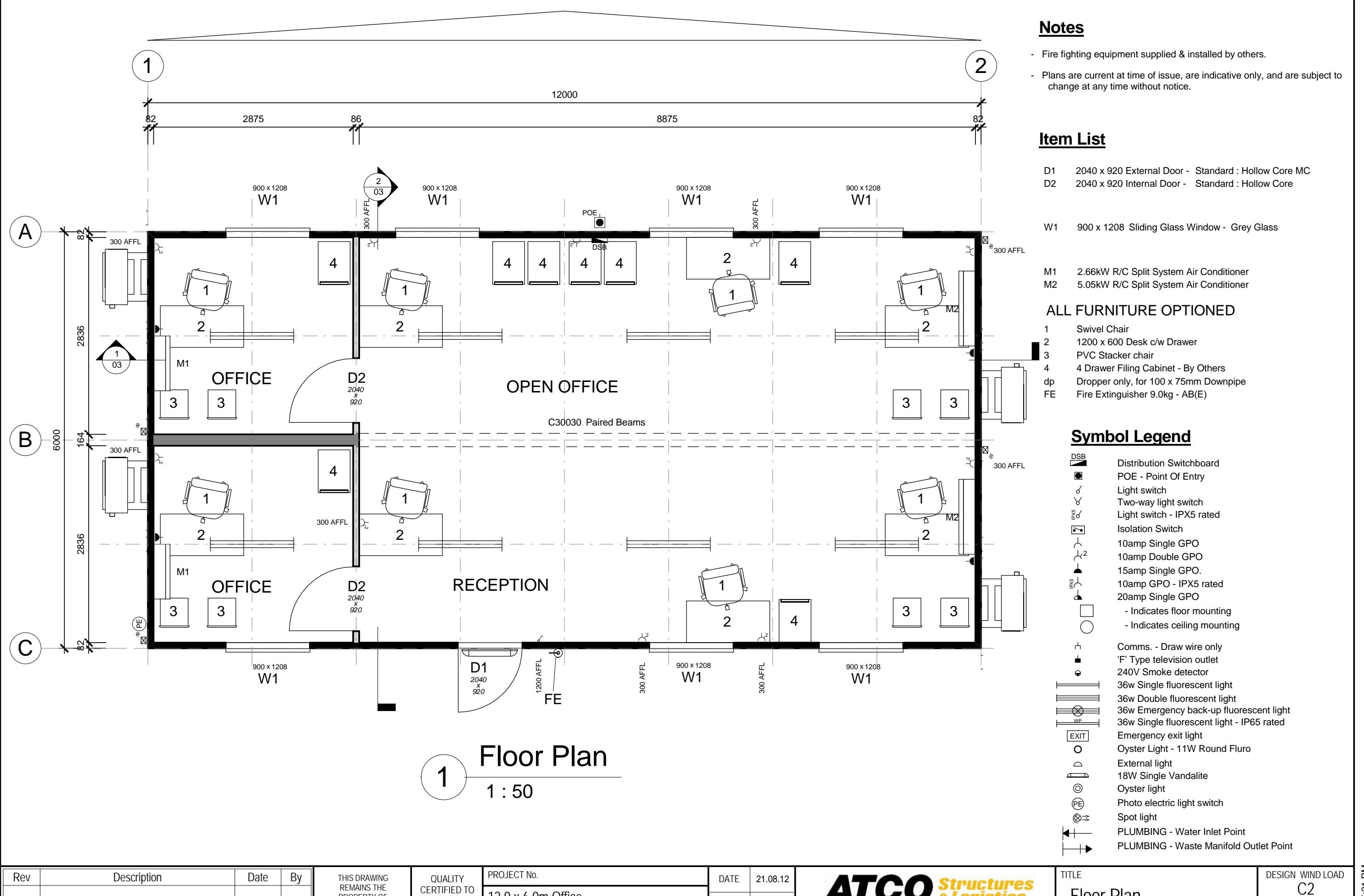
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Adani Mining Pty. Ltd.  
Carmichael  
QLD

12.0 x 6.0m Office

**ATCO** *Structures & Logistics*

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Rev	Description	Date	By

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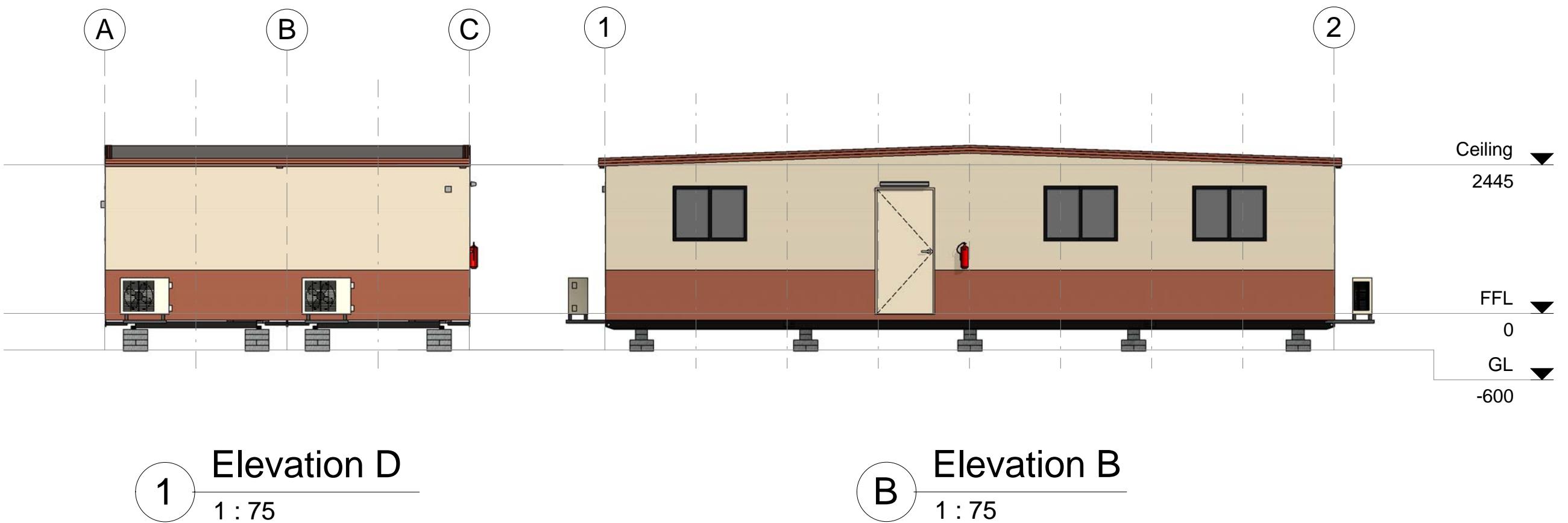
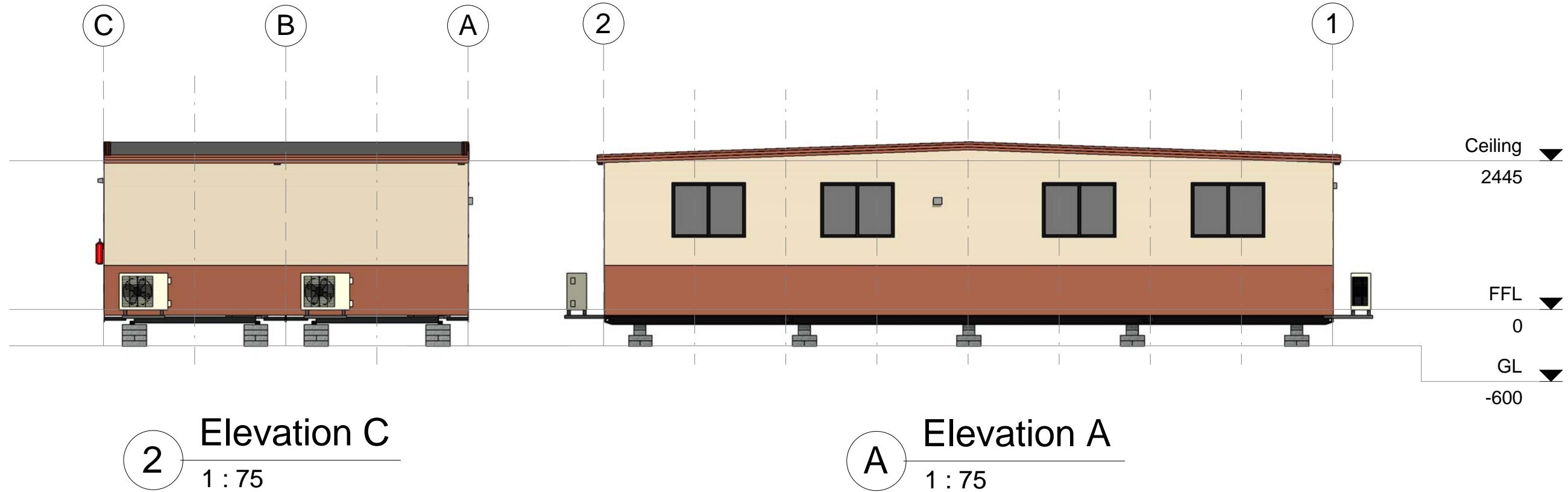
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BY  
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INTERNATIONAL  
REGN No. 531

PROJECT No.  
12.0 x 6.0m Office  
Adani Mining Pty. Ltd.  
Carmichael  
QLD

DATE 21.08.12  
SCALE 1 : 50  
DRAWN RA  
CHECKED TK

**ATCO Structures & Logistics**  
ATCO STRUCTURES & LOGISTICS PTY. LTD.  
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P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118  
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PHONE: (07) 3412 8600  
FAX: (07) 3803 0175  
ABN: 71 083 902 309

TITLE Floor Plan  
DRAWING NUMBER 120842G -01  
REVISION A3



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																		NCC BUILDING CLASS 5	
																		REVISION SHEET SIZE A3	
						12.0 x 6.0m Office Adani Mining Pty. Ltd. Carmichael QLD													

Manufacturing Structural Members		
Description	Member Size	Back to Back
Skid Beams c/w Retractable Lifters	150PFC	2000
Paired Beams	C30030	

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	920	Lever	Entrance	Yes	No	Yes	No		1	E/E Seals
D2	Standard : Hollow Core	2040	920	Lever	Entrance	No	No	Yes	No		2	

- Floor Structure Schedule	
Floor Structure	Comments
Floor	
600mm Floor Joist Centres	
Covering - 1.5mm Polyflor XL Vinyl	
Flooring - 17mm F11 T&G Plywood	
Insulation - Under Floor - 15mm Foilboard	
Joists - LC7512 Galvaspan	

- Wall Schedule	
Wall Structure	Comments
External Wall	
611mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 75 x 1.0mm Hi-Ten Truecore	
Framing - 75x1.0mm Hi-Ten Steel	
Insulation - R2.9 Batts - 75mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Thermal Break between Framing and Cladding	
Ply Internal Wall	
611mm Stud Centres	
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	

Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

Sales Window Schedule							
No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	Sliding XO	Grey Glass	900	1208	1200	7	c/w Curtains

OPTION

* Plumbing Fixtures			
No.	Description	Quantity	Comments
dp	Dropper only, for 100 x 75mm Downpipe	4	

Wall Height  
2445

Sales Mechanical Equipment			
No.	Supplier	Description	Quantity
M1	TECO	2.66kW R/C Split System Air Conditioner	2
M2	TECO	5.05kW R/C Split System Air Conditioner	2

ALL FURNITURE OPTIONED

- Furniture			
No.	Description	Quantity	Comments
1	Swivel Chair	8	
2	1200 x 600 Desk c/w Drawer	8	
3	PVC Stacker chair	8	
4	4 Drawer Filing Cabinet - By Others	8	

- Electrical Fixtures	
Description	Quantity
1x15amp GPO AC	4
2x10amp GPO	10
Photo Electric Cell	1
Switchboard	1

Lighting Fixtures	
Description	Quantity
2x36W Fluro - Bare	8
Single Vandalite - Wall Mounted	1
Switch - Std	1

- Fire Services Schedule		
No.	Description	Quantity
FE	9.0Kg Fire Extinguisher - AB(E)	1

Rev	Description	Date	By	THIS DRAWING REMAINS THE PROPERTY OF ATCO STRUCTURES PTY. LTD. IT MAY NOT BE REPRODUCED OR COPIED WHOLE OR IN PART WITHOUT WRITTEN AUTHORITY	QUALITY CERTIFIED TO AS/NZS ISO 9001:2008 BY SCI-QUAL INTERNATIONAL REGN No. 531	PROJECT No.	DATE	21.08.12	SCALE		DRAWN	RA	CHECKED	TK	ATCO Structures & Logistics	ATCO STRUCTURES & LOGISTICS PTY. LTD. 149-151 MAGNESIUM DRIVE, CRESTMEAD, QLD 4132 P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118 E-mail: atcosales@atcosl.com.au	TITLE	Sales Schedules	DESIGN WIND LOAD	C2
																	DRAWING NUMBER	120842G -06	NCC BUILDING CLASS	5
																REVISION	SHEET SIZE	A3		



View indicative only

- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
05	Sales Schedules	

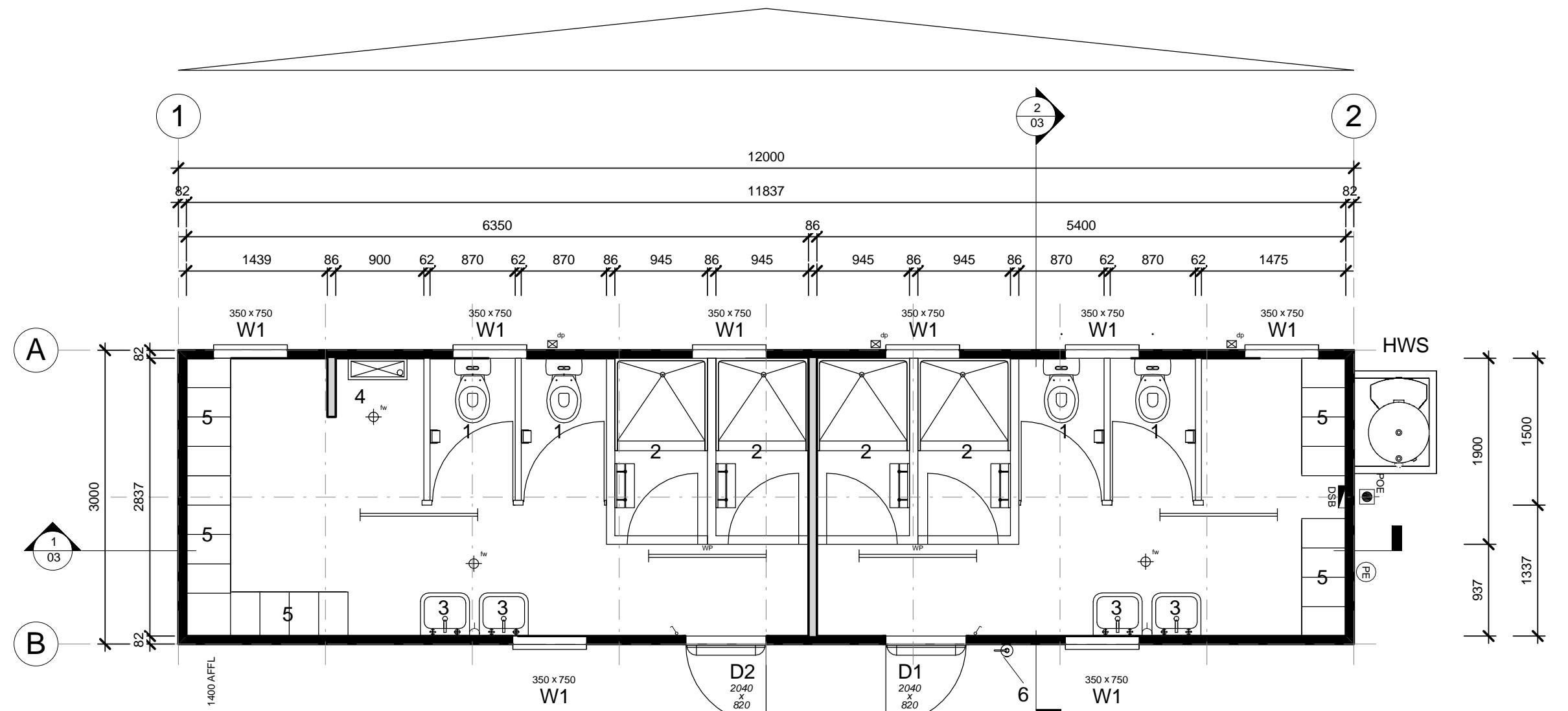
120842H  
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD

12.0 x 3.0m Ablution Block

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PHONE: (07) 3412 8600  
FAX: (07) 3803 0175  
ABN: 71 083 902 309



### Notes

- Fire fighting equipment supplied & installed by others.
- Plans are current at time of issue, are indicative only, and are subject to change at any time without notice.

### Item List

D1 2040 x 820 External Door - Standard : Hollow Core MC  
D2 2040 x 820 External Door - Standard : Hollow Core MC  
W1 350 x 750 Sliding Glass Window - Obscure Glass

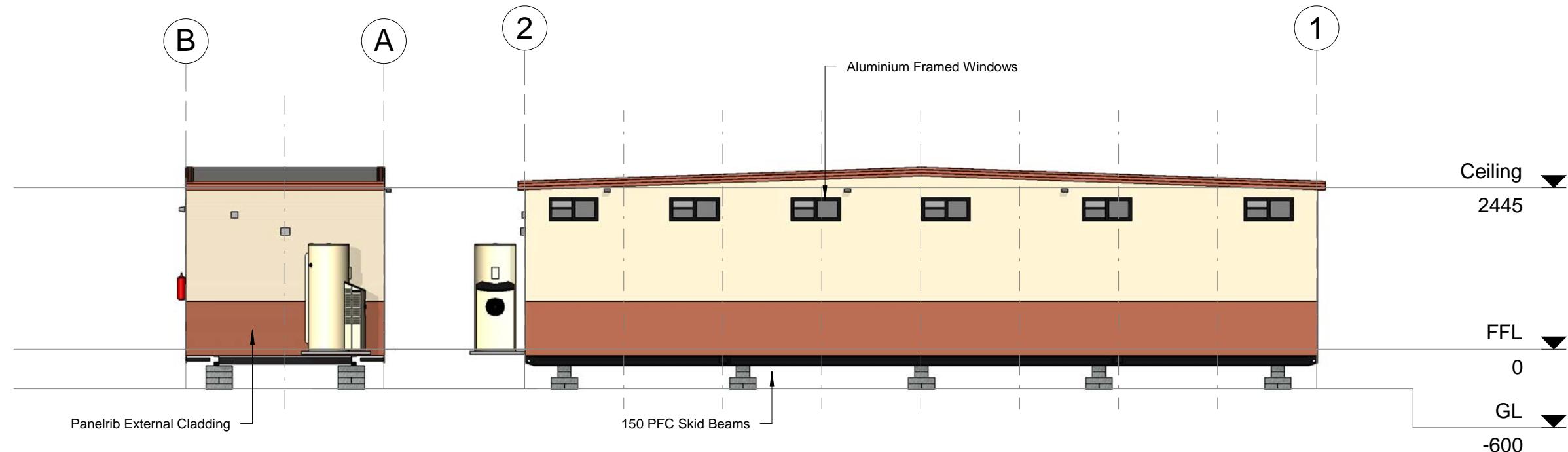
- 1 WC Cubicle c/w toilet roll holder  
2 Shower enclosure c/w bench seat & coat hooks  
3 S/S Handbasin c/w mirror over  
4 600mm Wall mounted S/S urinal  
5 Locker - 4 Bank 300 Wide - 1 Tier  
6 9.0Kg Fire Extinguisher - AB(E)  
dp Dropper only, for 100 x 75mm Downpipe  
fw Floor Waste  
HWS Rheem Heat Pump 325 Litre/6kW -MPi - mounted externally

OPTIONAL

### Symbol Legend

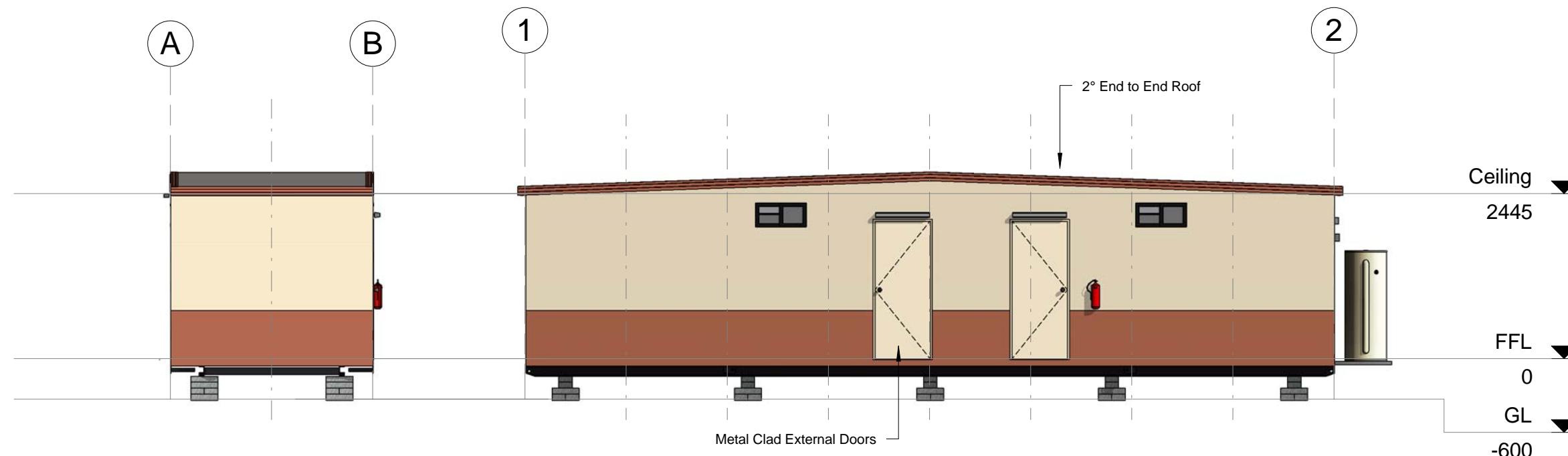
	Distribution Switchboard		Comms. - Draw wire only
	POE - Point Of Entry		'F' Type television outlet
	Light switch		240V Smoke detector
	Two-way light switch		36w Single fluorescent light
	Light switch - IPX5 rated		36w Double fluorescent light
	Isolation Switch		36w Emergency back-up fluorescent light
	10amp Single GPO		36w Single fluorescent light - IP65 rated
	10amp Double GPO		Emergency exit light
	15amp Single GPO.		Oyster Light - 11W Round Fluro
	10amp GPO - IPX5 rated		External light
	20amp Single GPO		18W Single Vandalite
- Indicates floor mounting			Oyster light
- Indicates ceiling mounting			Photo electric light switch
			Spot light
			PLUMBING - Water Inlet Point
			PLUMBING - Waste Manifold Outlet Point

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						12.0 x 3.0m Ablution Block Adani Mining Pty. Ltd. Carmichael Project QLD	21.08.12		1 : 50	RA	TK	ATCO STRUCTURES & LOGISTICS PTY. LTD. 149-151 MAGNESIUM DRIVE, CRESTMEAD, QLD 4132 P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118 E-mail: atcosales@atcosl.com.au	Floor Plan	C2
												PHONE: (07) 3412 8600 FAX: (07) 3803 0175 ABN: 71 083 902 309	DRAWING NUMBER	NCC BUILDING CLASS
												120842H -01	10a	
													REVISION SHEET SIZE	
													A3	



**Elevation C**  
2  
1 : 75

**Elevation A**  
A  
1 : 75



**Elevation D**  
1  
1 : 75

**Elevation B**  
B  
1 : 75

Rev	Description	Date	By

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PROJECT No.

12.0 x 3.0m Ablution Block  
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD

DATE	21.08.12
SCALE	1 : 75
DRAWN	RA
CHECKED	TK

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ABN: 71 083 902 309

TITLE  
Elevations  
DRAWING NUMBER  
120842H -02  
REVISION  
10a  
SHEET SIZE  
A3

Manufacturing Structural Members		
Description	Member Size	Back to Back
Skid Beams c/w Retractable Lifters	150PFC	2000

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	820	Standard	Entrance	No	No	Yes	No		1	
D2	Standard : Hollow Core MC	2040	820	Standard	Entrance	No	No	Yes	No		1	

- Floor Structure Schedule	
Floor Structure	Comments
Floor 600mm Floor Joist Centres	
Covering - 1.5mm Polyflor XL Vinyl	100mm Cove throughout
Flooring - 17mm F11 T&G Plywood	
Joists - LC7512 Galvaspan	

Sales Window Schedule							
No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	PVO	Obscure Glass	350	750	1960	8	

- Wall Schedule	
Wall Structure	Comments
External Wall 611mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Ply Internal Wall 611mm Stud Centres	
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	

* Plumbing Fixtures			
No.	Description	Quantity	Comments
1	WC Cubicle c/w toilet roll holder	4	
2	Shower enclosure c/w bench seat & coat hooks	4	
3	S/S Handbasin c/w mirror over	4	
4	600mm Wall mounted S/S urinal	1	
dp	Dropper only, for 100 x 75mm Downpipe	3	
fw	Floor Waste	3	
HWS	Rheem Heat Pump 325 Litre/6kW -MPI - mounted externally	1	

- Electrical Fixtures	
Description	Quantity
1x10amp GPO	2
Photo Electric Cell	1
Switchboard	1

- Furniture			
No.	Description	Quantity	Comments
5	Locker - 4 Bank 300 Wide - 1 Tier	5	

OPTIONAL

Wall Height
2445

Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

Lighting Fixtures	
Description	Quantity
1x36W Fluro - Bare	2
1x36W Fluro - IP65	2
Single Vandalite - Wall Mounted	2
Switch - Std	2

- Fire Services Schedule	
No.	Description
6	9.0Kg Fire Extinguisher - AB(E)

Rainwater Goods	
Description	Quantity
Dropper only, for 100 x 75mm Downpipe	3

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				12.0 x 3.0m Ablution Block Adani Mining Pty. Ltd. Carmichael Project QLD														Drawing Number	120842H -05	NCC BUILDING CLASS 10a
																		Revision	Sheet Size A3	



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- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
06	Sales Schedules	

120842J

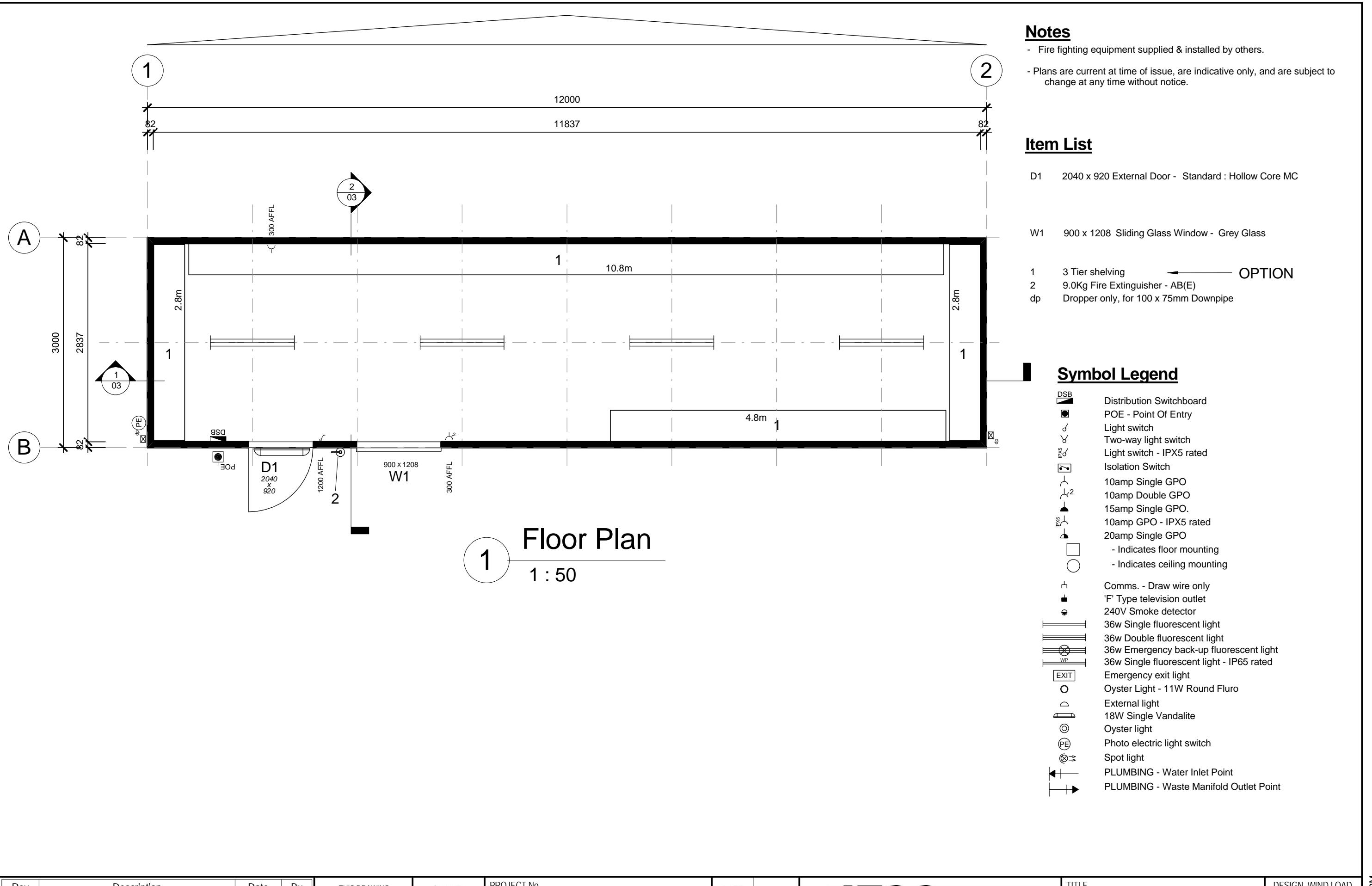
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD

12.0 x 3.0m Linen Store

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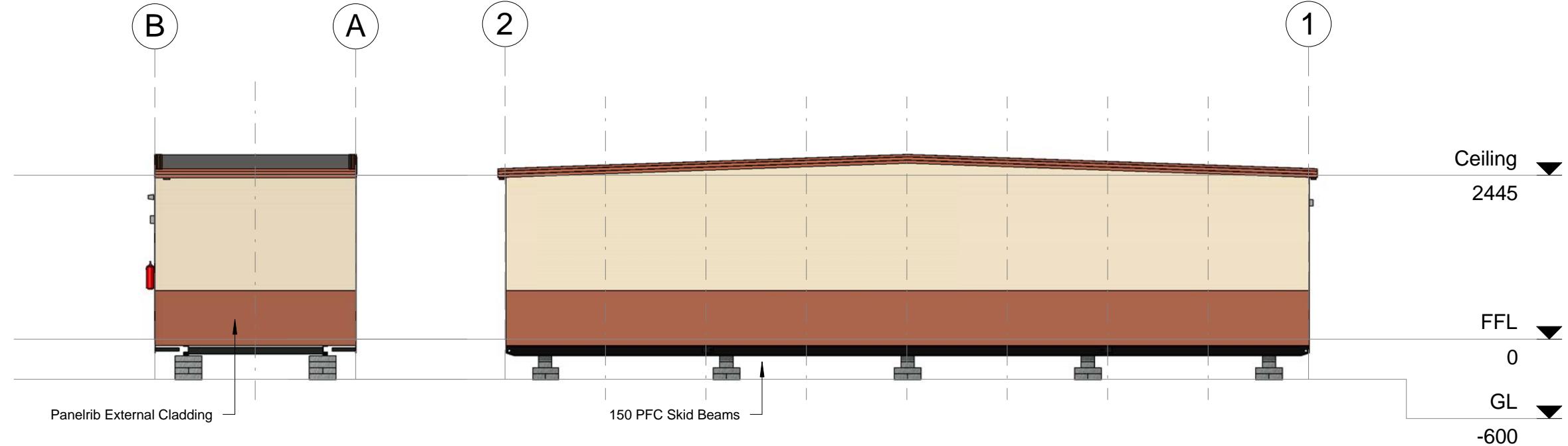
PROJECT No.  
12.0 x 3.0m Linen Store  
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD

DATE 20.08.12  
SCALE 1 : 50  
DRAWN RA  
CHECKED TK

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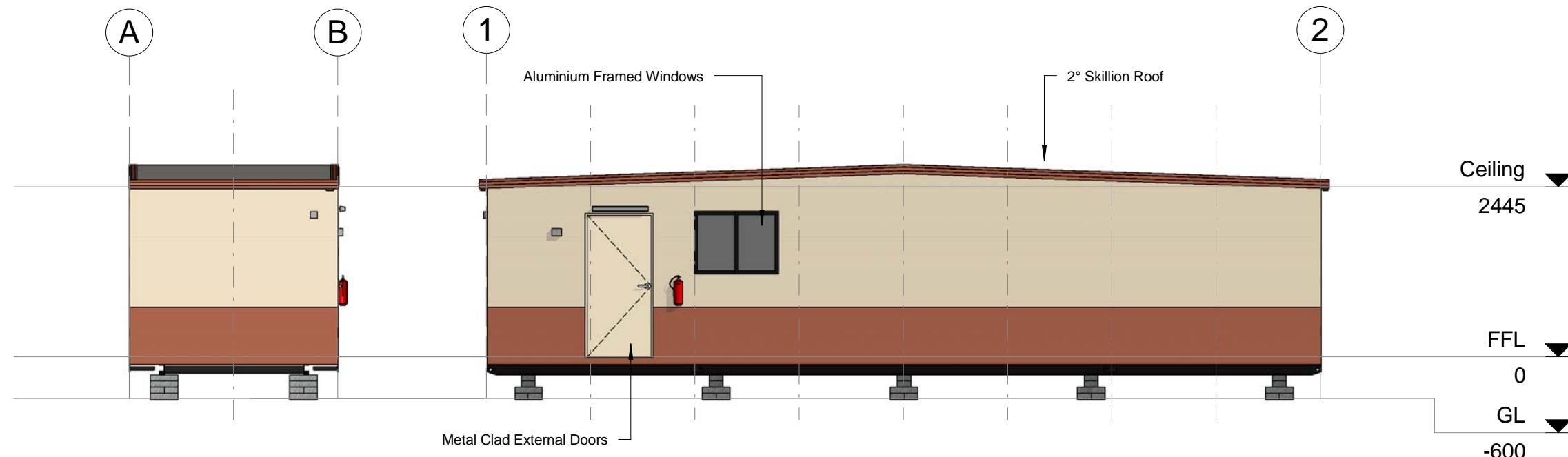
TITLE Floor Plan  
DRAWING NUMBER 120842J -01  
REVISION A3

DESIGN WIND LOAD  
C2  
NCC BUILDING CLASS  
10a  
SHEET SIZE  
A3



**Elevation C**  
1 : 75

**Elevation A**  
1 : 75



**Elevation D**  
1 : 75

**Elevation B**  
1 : 75

Rev	Description	Date	By

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REGN No. 531

PROJECT No.  
12.0 x 3.0m Linen Store  
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD

DATE 20.08.12  
SCALE 1 : 75  
DRAWN RA  
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TITLE  
Elevations  
DRAWING NUMBER  
120842J -02

DESIGN WIND LOAD  
C2  
NCC BUILDING CLASS  
10a  
REVISION SHEET SIZE  
A3

Manufacturing Structural Members		
Description	Member Size	Back to Back
Skid Beams c/w Retractable Lifters	150PFC	2000

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	920	Lever	Entrance	No	No	Yes	No		1	E/E Seals

- Floor Structure Schedule	
Floor Structure	Comments
Floor 600mm Floor Joist Centres	
Covering - 1.5mm Polyflor XL Vinyl	100mm Cove thoughout
Flooring - 17mm F11 T&G Plywood	
Joists - LC7512 Galvaspan	

- Wall Schedule	
Wall Structure	Comments
External Wall 611mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	

Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

* Plumbing Fixtures			
No.	Description	Quantity	Comments
dp	Dropper only, for 100 x 75mm Downpipe	2	

- Electrical Fixtures	
Description	Quantity
1x10amp GPO	1
2x10amp GPO	1
Photo Electric Cell	1
Switchboard	1

- Furniture			
No.	Description	Quantity	Comments
1	3 Tier shelving	4	

Lighting Fixtures	
Quantity	
4	2x36W Fluro - Bare
1	Single Vandalite - Wall Mounted
1	Switch - Std

- Fire Services Schedule		
No.	Description	Quantity
2	9.0Kg Fire Extinguisher - AB(E)	1

Wall Height  
**2445**

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																	DRAWING NUMBER	120842J -06	NCC BUILDING CLASS 10a
																	REVISION	A3	



- Drawing List

Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
06	Sales Schedules	

WGM-1212-H-C2  
ATCO Structures & Logistics Pty. Ltd.  
QLD

12.0 x 12.0m Gymnasium

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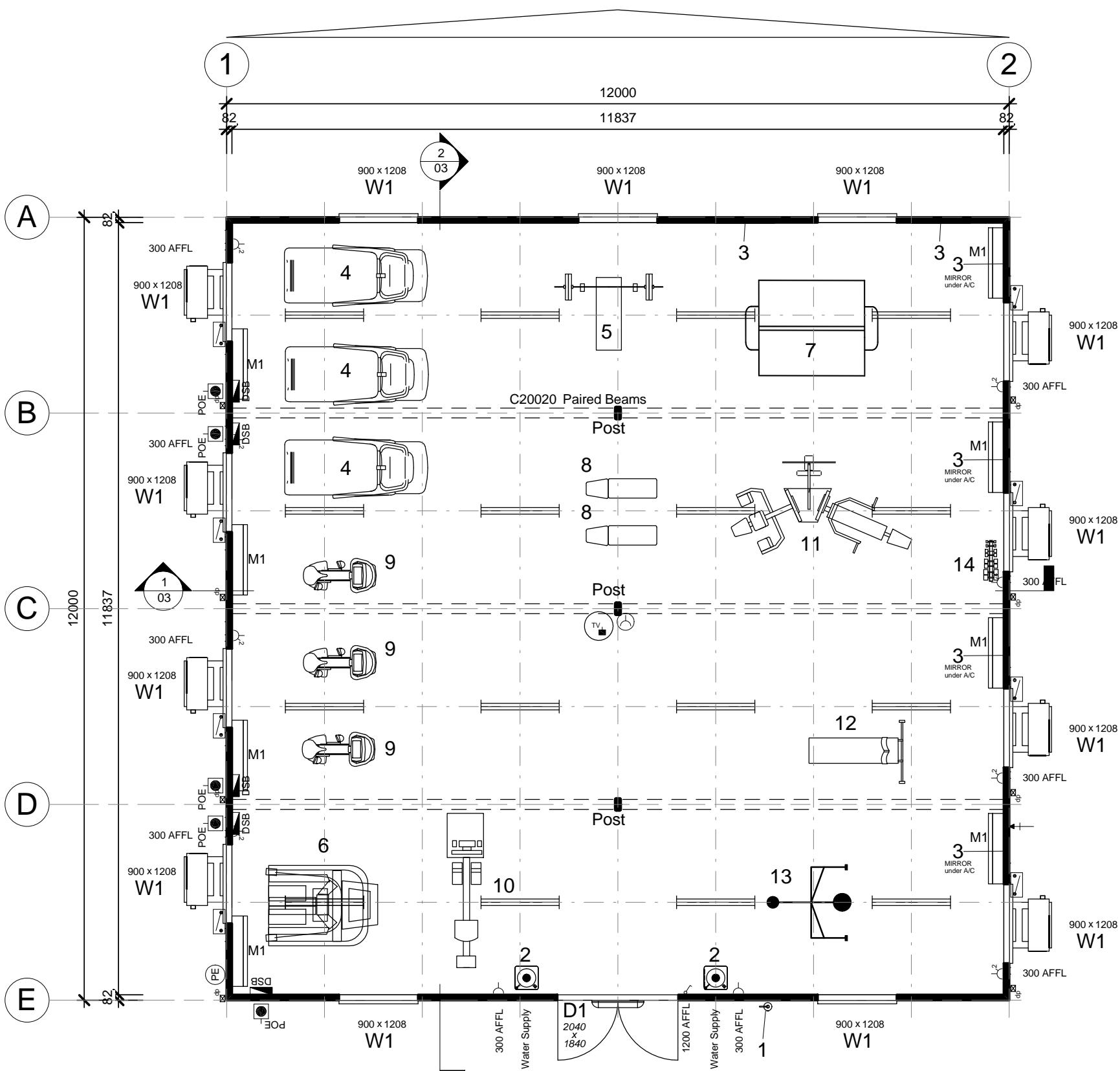
## Notes

- Fire fighting equipment supplied & installed by others.
- Plans are current at time of issue, are indicative only and are subject to change at any time without notice.

## Item List

D1	2040 x 1840 External Double Door - Standard : Hollow Core MC
W1	900 x 1208 Sliding Glass Window - Grey Glass
M1	5.0kW R/C Split System Air Conditioner - Inverter

Plumbing - Water Inlet c/w Line Strainer  
 1 9.0Kg Fire Extinguisher - AB(E)  
 2 Water Cooler - Zip Freestanding EMBC 60 - Mains Connected  
 3 1800 x 900 Mirror  
 dp Dropper only, for 100 x 75mm Downpipe

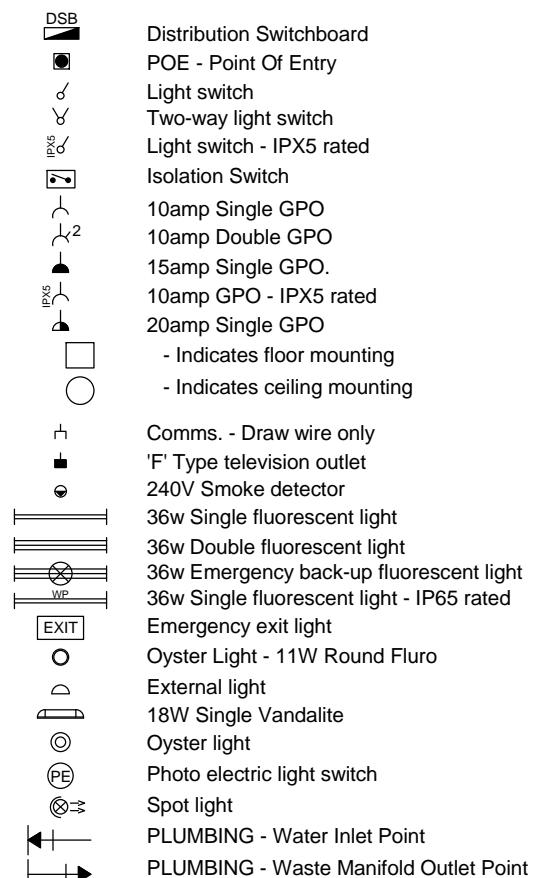


## Equipment

- |    |                                  |   |
|----|----------------------------------|---|
| 4  | Vision 9700 HRC Tread Mill       | 3 |
| 5  | Olympic Bench Press Prone        | 1 |
| 6  | Vision 6850 XT Cross Trainer     | 1 |
| 7  | Smith Machine Linear             | 1 |
| 8  | Adjustable Incline Bench 0-90°   | 2 |
| 9  | Vision 3800 U/R Exercise Bike    | 3 |
| 10 | Concept 2 Model D Rowing machine | 1 |
| 11 | Elite Schwinn 780 Multistation   | 1 |
| 12 | Abdominal Ladder                 | 1 |
| 13 | Heavy Bag & Speed Ball & Stand   | 1 |
| 14 | 1 to 25kg Dumbbell Set & Rack    | 1 |

Items not shown, but included:  
 Olympic EZ Curl Bar & Weights  
 Olympic 7' Straight Bars & Collars  
 Leather Weight Lifting Belt  
 200kg of Olympic Weights &  
 Weight Tree

## Symbol Legend



Rev	Description	Date	By

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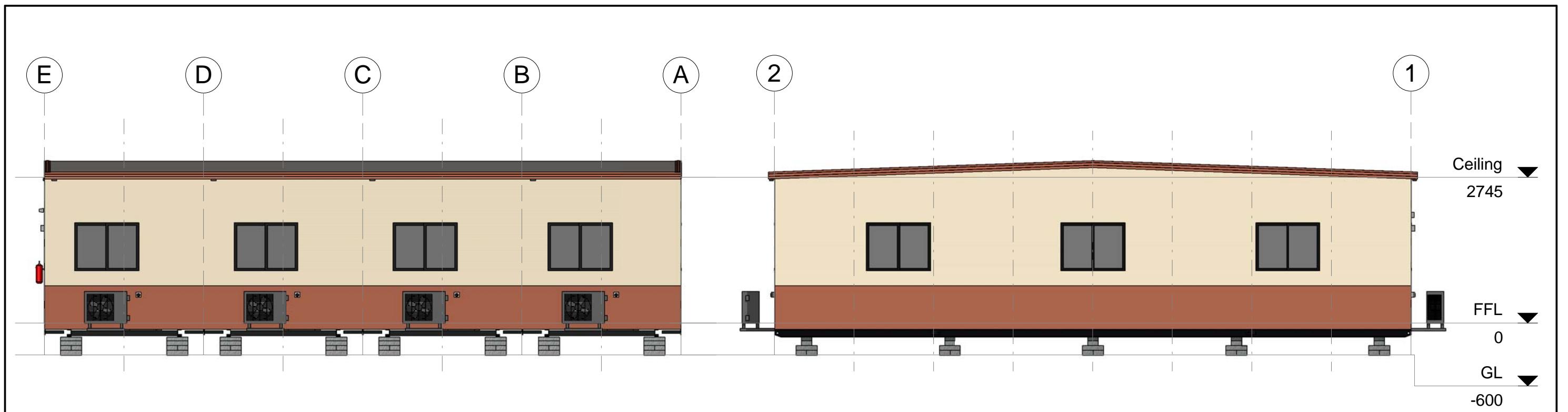
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PROJECT No.  
 12.0 x 12.0m Gymnasium  
 ATCO Structures & Logistics Pty. Ltd.  
 QLD

DATE 14.04.12  
 SCALE 1 : 75  
 DRAWN RA  
 CHECKED TK

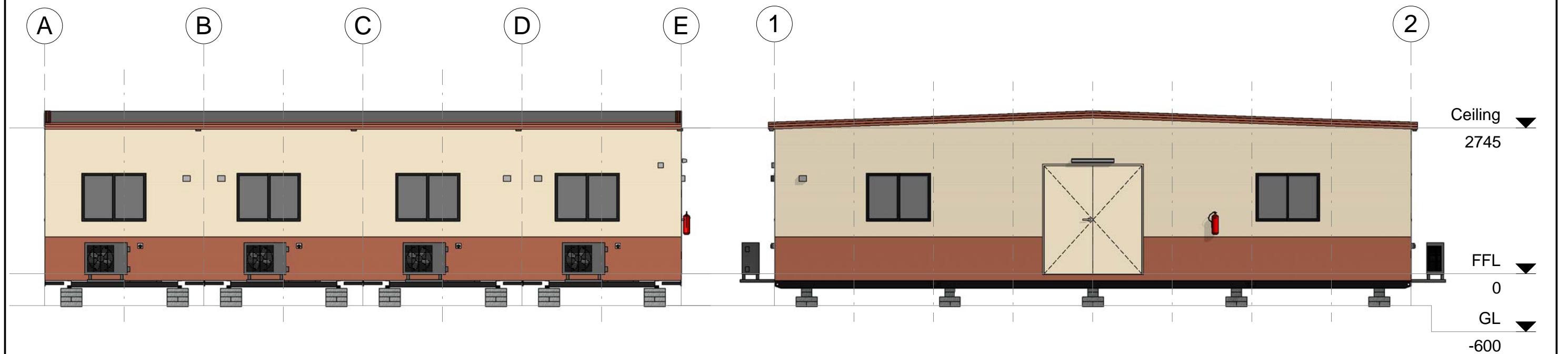
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TITLE Floor Plan  
 DRAWING NUMBER WGM-1212-H-C2 -01  
 DESIGN WIND LOAD C2  
 NCC BUILDING CLASS 9b  
 REVISION SHEET SIZE A3



Elevation C  
1 : 75

Elevation A  
1 : 75



Elevation D  
1 : 75

Elevation B  
1 : 75

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REGN No. 531

PROJECT No.  
12.0 x 12.0m Gymnasium  
ATCO Structures & Logistics Pty. Ltd.  
QLD

DATE 14.04.12  
SCALE 1 : 75  
DRAWN RA  
CHECKED TK

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ABN: 71 083 902 309

TITLE  
Elevations  
DRAWING NUMBER  
WGM-1212-H-C2 -02  
REVISION  
A3

Manufacturing Structural Members		
Description	Member Size	Back to Back
Skid Beams c/w Retractable Lifters	150PFC	2000
Paired Beams	C20020	

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	1840	Lever	Entrance	Yes	No	Yes	No		1	E/E Seals and Closer to each leaf.

<b>- Floor Structure Schedule</b>	
<b>Floor Structure</b>	<b>Comments</b>
Floor 300mm Floor Joist Centres	
Covering - Planet Supreme Direct Stick Carpet	
Flooring - 17mm F11 T&G Plywood	Two Layers
Joists - LC7512 Galvaspan	

Sales Window Schedule							
No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	Sliding XO	Grey Glass	900	1208	1000	13	c/w Curtains

<b>- Wall Schedule</b>	
<b>Wall Structure</b>	<b>Comments</b>
External Wall 611mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 75 x 1.0mm Hi-Ten Truecore	
Framing - 75x1.0mm Hi-Ten Steel	
Insulation - R2.9 Batts - 75mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Thermal Break between Framing and Cladding	

* Plumbing Fixtures			
No.	Description	Quantity	Comments
	Plumbing - Water Inlet c/w Line Strainer	1	
2	Water Cooler - Zip Freestanding EMBCF 60 - Mains Connected	2	
dp	Dropper only, for 100 x 75mm Downpipe	8	

- Furniture			
No.	Description	Quantity	Comments
3	1800 x 900 Mirror	6	

Sales Mechanical Equipment			
No.	Supplier	Description	Quantity
M1	DAIKIN	5.0kW R/C Split System Air Conditioner - Inverter	8

<b>- Electrical Fixtures</b>	
<b>Description</b>	<b>Quantity</b>
1x10amp GPO - Ceiling Mounted	1
1x10amp GPO AC	2
2x10amp GPO	8
Isolation Switch - AC	8
Photo Electric Cell	1
Switchboard	5
TV - Ceiling Mtd	1

<b>Lighting Fixtures</b>	<b>Quantity</b>
2x36W Fluro - Bare	17
Single Vandalite - Wall Mounted	1
Switch - Std	1

- Fire Services Schedule		
No.	Description	Quantity
1	9.0Kg Fire Extinguisher - AB(E)	1

# Equipment

- |    |                                  |   |
|----|----------------------------------|---|
| 4  | Vision 9700 HRC Tread Mill       | 3 |
| 5  | Olympic Bench Press Prone        | 1 |
| 6  | Vision 6850 XT Cross Trainer     | 1 |
| 7  | Smith Machine Linear             | 1 |
| 8  | Adjustable Incline Bench 0-90°   | 2 |
| 9  | Vision 3800 U/R Exercise Bike    | 3 |
| 10 | Concept 2 Model D Rowing machine | 1 |
| 11 | Elite Sschwinn 780 Multistation  | 1 |
| 12 | Abdominal Ladder                 | 1 |
| 13 | Heavy Bag & Speed Ball & Stand   | 1 |
| 14 | 1 to 25kg Dumbbell Set & Rack    | 1 |

**Items not shown, but included:**  
Olympic EZ Curl Bar & Weights  
Olympic 7' Straight Bars & Collars  
Leather Weight Lifting Belt  
200kg of Olympic Weights &  
Weight Tree

Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

Rev	Description	Date	By	THIS DRAWING REMAINS THE PROPERTY OF ATCO STRUCTURES PTY. LTD. IT MAY NOT BE REPRODUCED OR COPIED WHOLE OR IN PART WITHOUT WRITTEN AUTHORITY	QUALITY CERTIFIED TO AS/NZS ISO 9001:2008 BY SCI-QUAL INTERNATIONAL REGN No. 531	PROJECT No.  12.0 x 12.0m Gymnasium ATCO Structures & Logistics Pty. Ltd. QLD	DATE 14.04.12	SCALE	DRAWN RA	CHECKED TK	<b>ATCO Structures &amp; Logistics</b> ATCO STRUCTURES & LOGISTICS PTY. LTD. 149-151 MAGNESIUM DRIVE, CRESTMEAD, QLD 4132 P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118 E-mail: atcosales@atcosl.com.au  PHONE: (07) 3412 8600 FAX: (07) 3803 0175 ABN: 71 083 902 309	TITLE  Sales Schedules	DESIGN WIND LOAD C2
												NCC BUILDING CLASS 9b	



- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
06	Sales Schedules	

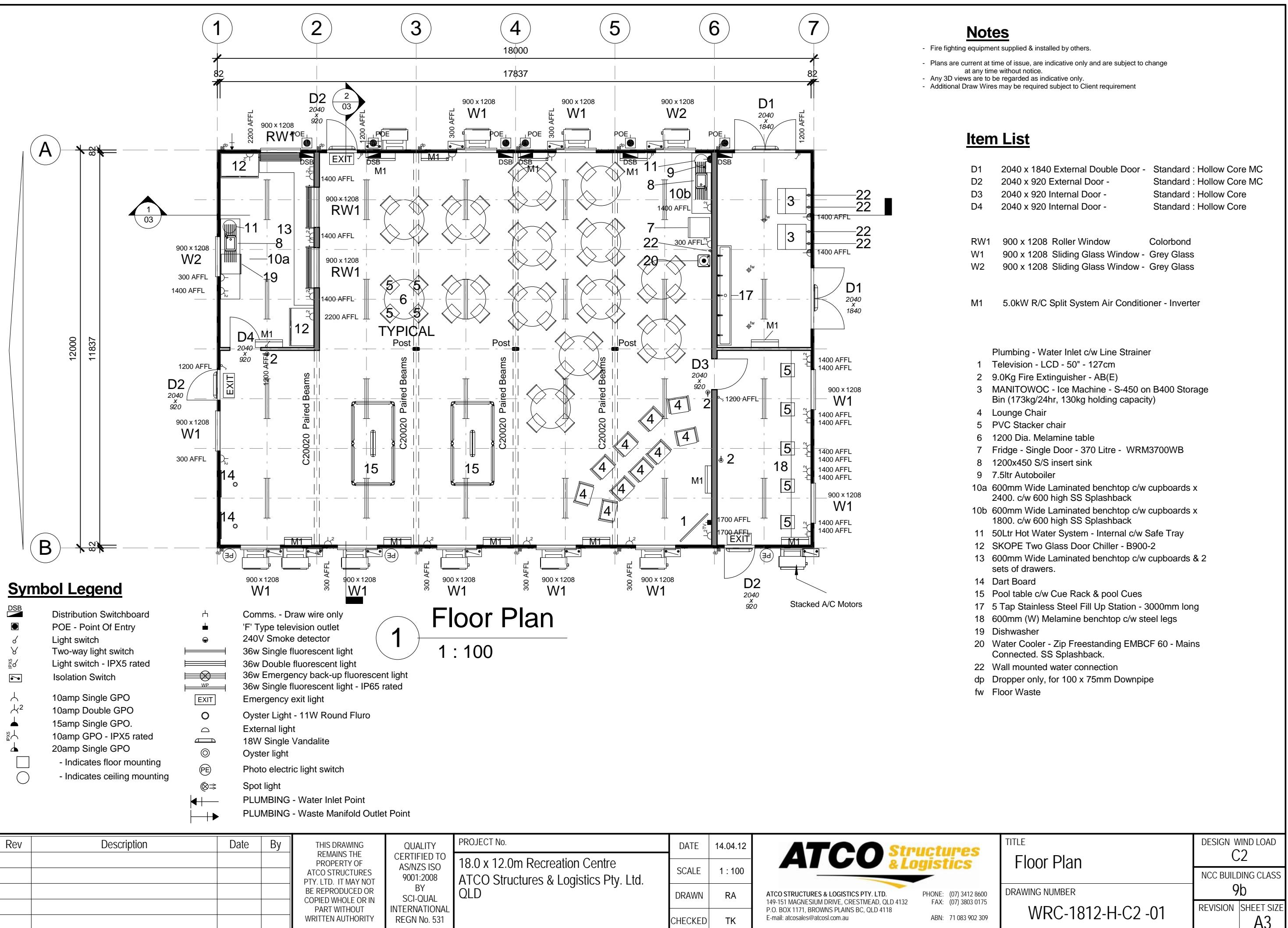
WRC-1812-H-C2  
 ATCO Structures & Logistics Pty. Ltd.  
 QLD

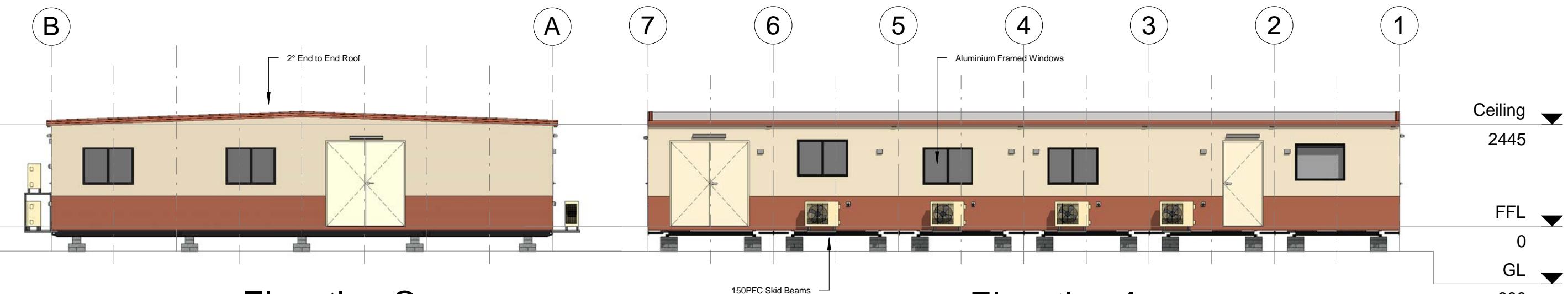
18.0 x 12.0m Recreation Centre

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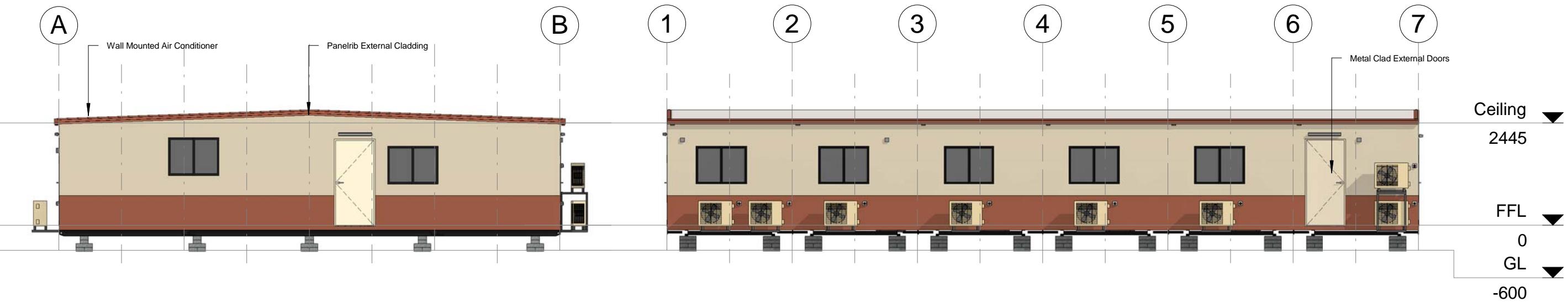
PHONE: (07) 3412 8600  
 FAX: (07) 3803 0175  
 ABN: 71 083 902 309





**Elevation C**  
1 : 100

**Elevation A**  
1 : 100



**Elevation D**  
1 : 100

**Elevation B**  
1 : 100

Rev	Description	Date	By

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INTERNATIONAL  
REGN No. 531

PROJECT No.  
18.0 x 12.0m Recreation Centre  
ATCO Structures & Logistics Pty. Ltd.  
QLD

DATE 14.04.12  
SCALE 1 : 100  
DRAWN RA  
CHECKED TK

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FAX: (07) 3803 0175  
ABN: 71 083 902 309

TITLE  
Elevations  
DRAWING NUMBER  
WRC-1812-H-C2 -02  
REVISION SHEET SIZE  
9b A3

Manufacturing Structural Members		
Description	Member Size	Back to Back
Skid Beams c/w Retractable Lifters	150PFC	2000
Paired Beams	C20020	

- Floor Structure Schedule	
Floor Structure	Comments
Floor 480mm Floor Joist Centres	
Covering - 1.5mm Polyflor XL Vinyl	
Covering - 2.0mm Polyflor Non-Slip Vinyl	Inside Bar Area & Ice Room only. 100mm Cove
Flooring - 17mm F11 T&G Plywood	
Joists - LC7512 Galvaspan	

- Wall Schedule	
Wall Structure	Comments
External Wall 611mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 75 x 1.0mm Hi-Ten Truecore	
Framing - 75x1.0mm Hi-Ten Steel	
Insulation - R2.9 Batts - 75mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Thermal Break between Framing and Cladding	
Ply Internal Wall 611mm Stud Centres	
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	

Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	1840	Lever	Entrance	Yes	No	Yes	No		2	E/E Seals
D2	Standard : Hollow Core MC	2040	920	Lever	Entrance	Yes	No	Yes	No		3	E/E Seals
D3	Standard : Hollow Core	2040	920	Lever	Entrance	Yes	No	Yes	No		1	
D4	Standard : Hollow Core	2040	920	Lever	Entrance	Yes	No	Yes	No		1	

Wall Height  
**2445**

Sales Window Schedule							
No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
RW1	Roller Window	Colorbond	900	1208	1100	3	
W1	Sliding XO	Grey Glass	900	1208	1000	10	c/w Curtains
W2	Sliding XO	Grey Glass	900	1208	1200	2	c/w Curtains

* Plumbing Fixtures			
No.	Description	Quantity	Comments
	Plumbing - Water Inlet c/w Line Strainer	1	
8	1200x450 S/S insert sink	2	
9	7.5ltr Autoboiler	1	
11	50Ltr Hot Water System - Internal c/w Safe Tray	2	
17	5 Tap Stainless Steel Fill Up Station - 3000mm long	1	
20	Water Cooler - Zip Freestanding EMBCF 60 - Mains Connected. SS Splashback.	1	
22	Wall mounted water connection	5	
dp	Dropper only, for 100 x 75mm Downpipe	12	
fw	Floor Waste	3	

Sales Mechanical Equipment			
No.	Supplier	Description	Quantity
M1	DAIKIN	5.0kW R/C Split System Air Conditioner - Inverter	12

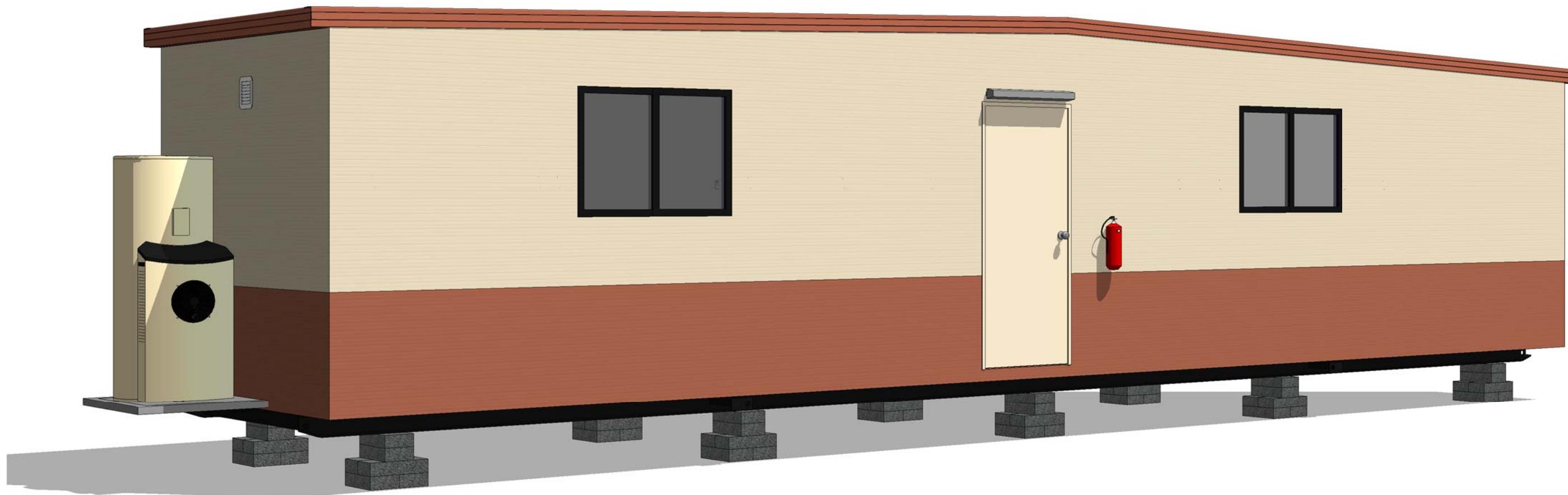
- Electrical Fixtures	
Description	Quantity
1x10amp GPO	1
1x20amp GPO	2
2x10amp GPO	21
Draw Wire	7
Isolation Switch - AC	12
Photo Electric Cell	3
Switchboard	6
TV Antenna Socket	1

Lighting Fixtures	
	Quantity
2x36W Fluro - Bare	24
Dart Board Light	2
Exit - Ceiling Mount	3
Pool Table Light - Ceiling Mounted	2
Single Vandalite - Wall Mounted2	5
Switch - Std	6

- Fire Services Schedule		
No.	Description	Quantity
2	9.0Kg Fire Extinguisher - AB(E)	3

- Electrical Equipment Schedule			
No.	Description	Quantity	Comments
1	Television - LCD - 50" - 127cm	1	
3	MANITOWOC - Ice Machine - S-450 on B400 Storage Bin (173kg/24hr, 130kg holding capacity)	2	
7	Fridge - Single Door - 370 Litre - WRM3700WB	1	
12	SKOPE Two Glass Door Chiller - B900-2	2	
19	Dishwasher	1	

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						18.0 x 12.0m Recreation Centre ATCO Structures & Logistics Pty. Ltd. QLD															



View indicative only

- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
05	Sales Schedules	

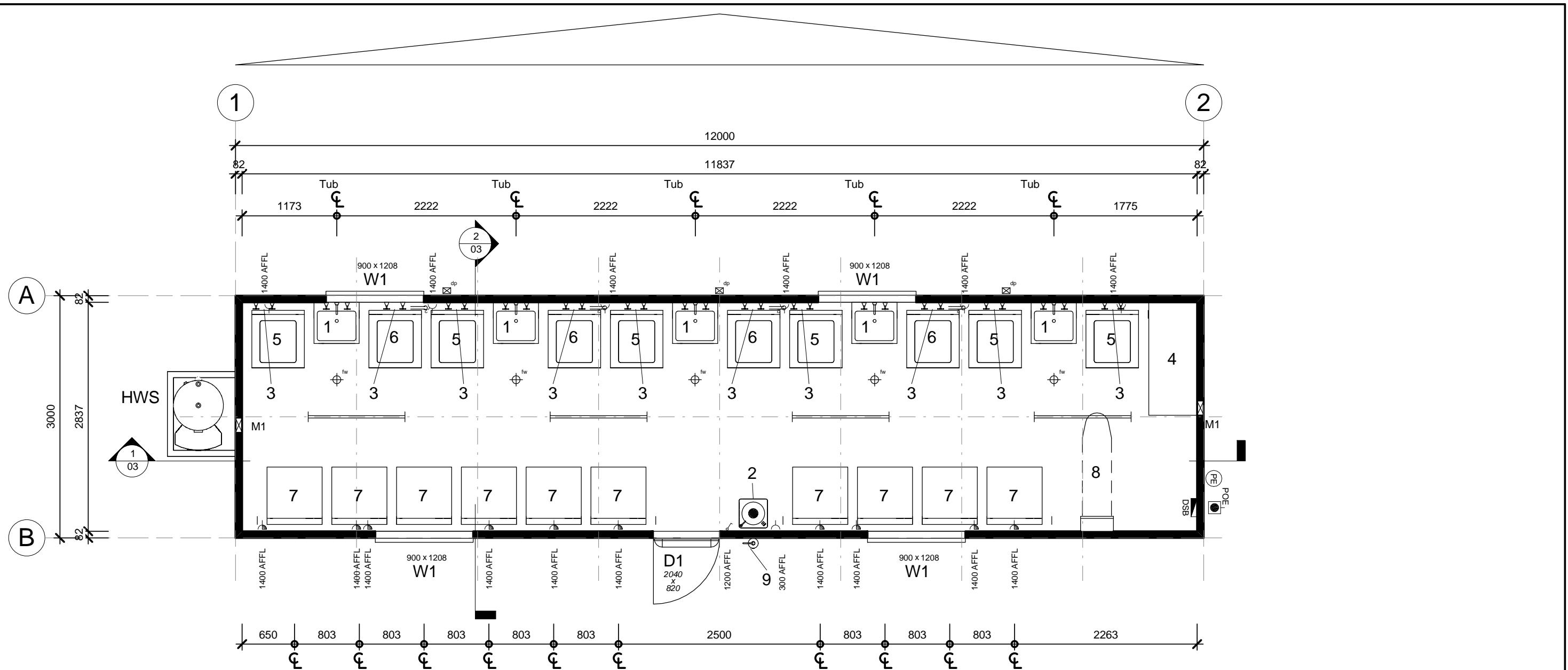
120842D  
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD

12.0 x 3.0m Laundry

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PHONE: (07) 3412 8600  
FAX: (07) 3803 0175  
ABN: 71 083 902 309



### Notes

- Fire fighting equipment supplied & installed by others.
- HWS (Capacity: 6 washing machine loads per hour @ 20 litres per load).
- Floor Drains: One fixture per Floor Waste, all other fixtures discharge direct to waste lines.
- Plans are current at time of issue, are indicative only, and are subject to change at any time without notice.

### Item List

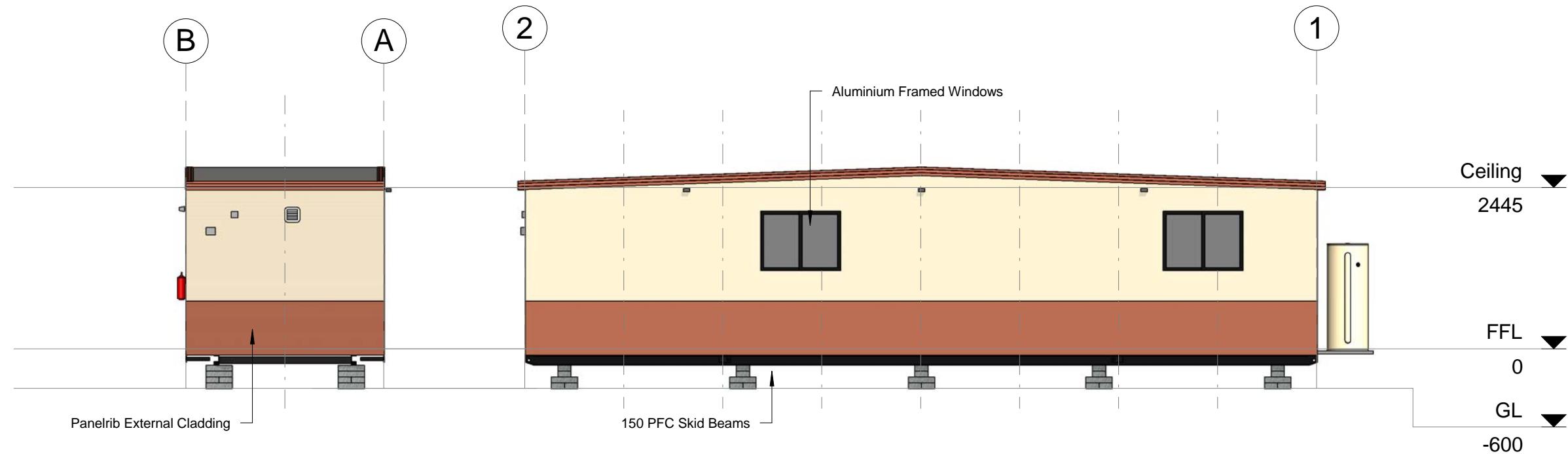
D1	2040 x 820 External Door - Standard : Hollow Core MC
W1	900 x 1208 Sliding Glass Window - Grey Glass
M1	Wall Mounted Exhaust Fan

1	Standard Laundry Unit - 45 Litre, Splashback & Wall Taps
OPTION 2	Water Cooler - Zip Freestanding EMBCF 60 - Mains Connected
3	Washing Machine Taps
OPTION 4	1400 x 600 Melamine Table c/w Legs
OPTION 5	SPEED QUEEN 6.5kg Washing Machine
OPTION 6	SPEED QUEEN 6.5kg Washing Machine c/w Discharge Stand Pipe
OPTION 7	SPEED QUEEN 9kg Dryer
OPTION 8	ROBIN HOOD Ironing Centre & Hard Wired Steam Iron
9	9.0Kg Fire Extinguisher - AB(E)
dp	Dropper only, for 100 x 75mm Downpipe
fw	Floor Waste
HWS	Rheem Heat Pump 325 Litre/3.6kW -MPI - mounted externally

### Symbol Legend

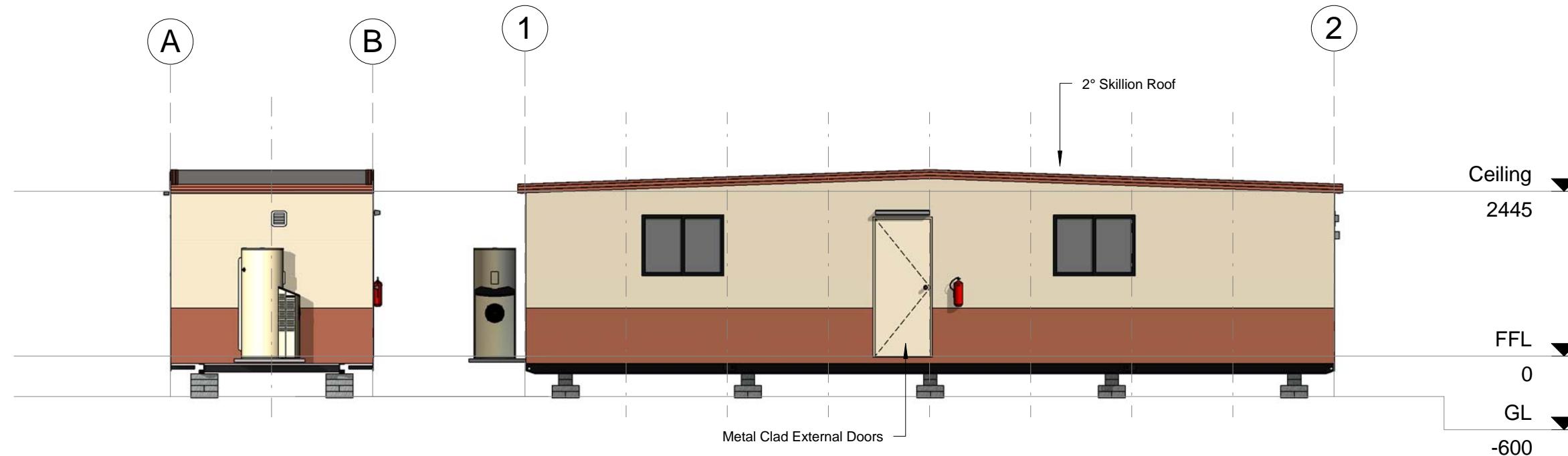
	Distribution Switchboard		Comms. - Draw wire only
	POE - Point Of Entry		'F' Type television outlet
	Light switch		240V Smoke detector
	Two-way light switch		36w Single fluorescent light
	Light switch - IPX5 rated		36w Double fluorescent light
	Isolation Switch		36w Emergency back-up fluorescent light
	10amp Single GPO		36w Single fluorescent light - IP65 rated
	10amp Double GPO		Emergency exit light
	15amp Single GPO.		Oyster Light - 11W Round Fluro
	10amp GPO - IPX5 rated		External light
	20amp Single GPO		18W Single Vandalite
	- Indicates floor mounting		Oyster light
	- Indicates ceiling mounting		Photo electric light switch
	Spot light		PLUMBING - Water Inlet Point
	PLUMBING - Waste Manifold Outlet Point		

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										12.0 x 3.0m Laundry Adani Mining Pty. Ltd. Carmichael Project QLD	DATE	21.08.12	SCALE	1 : 50	DRAWN	RA	CHECKED	TK	ATCO STRUCTURES & LOGISTICS PTY. LTD. 149-151 MAGNESIUM DRIVE, CRESTMEAD, QLD 4132 P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118 E-mail: atcosales@atcos.com.au	TITLE	Floor Plan	DESIGN WIND LOAD C2
										PHONE: (07) 3412 8600 FAX: (07) 3803 0175 ABN: 71 083 902 309	DRAWING NUMBER	120842D -01	REVISION	10a	Sheet Size A3							



Elevation C  
1 : 75

Elevation A  
1 : 75



Elevation D  
1 : 75

Elevation B  
1 : 75

Rev	Description	Date	By

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PROJECT No.

12.0 x 3.0m Laundry  
Adani Mining Pty. Ltd.  
Carmichael Project  
QLD

DATE	21.08.12
SCALE	1 : 75
DRAWN	RA
CHECKED	TK

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ABN: 71 083 902 309

TITLE  
Elevations  
DRAWING NUMBER  
120842D -02

DESIGN WIND LOAD  
C2  
NCC BUILDING CLASS  
10a  
REVISION SHEET SIZE  
A3

Manufacturing Structural Members		
Description	Member Size	Back to Back
Skid Beams c/w Retractable Lifters	150PFC	2000

Sales Door Schedule												
No.	Panel	Height	Width	Handle Type	Hardware Set	Closer	Panic Bar	C/B Jamb	Timber Jamb	Security	Quantity	Comments
D1	Standard : Hollow Core MC	2040	820	Standard	Entrance	No	No	Yes	No		1	

- Floor Structure Schedule	
Floor Structure	Comments
Floor 600mm Floor Joist Centres	
Covering - 1.5mm Polyflor XL Vinyl	100mm Cove throughout
Flooring - 17mm F11 T&G Plywood	
Joists - LC7512 Galvaspan	

Sales Window Schedule							
No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	Sliding XO	Grey Glass	900	1208	1200	4	C/w Curtains

- Wall Schedule	
Wall Structure	Comments
External Wall 611mm Stud Centres	
Cladding External - Colorbond Maxirib - "Headland"	Lower first sheet
Cladding External - Colorbond Maxirib - "Paperbark"	Upper Sheets
Framing - 75 x 1.0mm Hi-Ten Truecore	
Lining - Internal - 3.6mm Polyester Coated Plywood	

Wall Height  
**2445**

* Plumbing Fixtures			
No.	Description	Quantity	Comments
1	Standard Laundry Unit - 45 Litre, Splashback & Wall Taps	5	
2	Water Cooler - Zip Freestanding EMBCF 60 - Mains Connected	1	SS Splashback <b>OPTION</b>
3	Washing Machine Taps	10	
dp	Dropper only, for 100 x 75mm Downpipe	3	
fw	Floor Waste	5	
HWS	Rheem Heat Pump 325 Litre/3.6kW -MPI - mounted externally	1	

Sales Mechanical Equipment			
No.	Supplier	Description	Quantity
M1	AIRFLOW	Wall Mounted Exhaust Fan	2

- Electrical Fixtures	
Description	Quantity
1x10amp GPO	3
1x20amp GPO	10
2x10amp GPO	4
Photo Electric Cell	1
Switchboard	1

Lighting Fixtures	
	Quantity
1x36W Fluro - Bare	4
Single Vandalite - Wall Mounted	1
Switch - Std	1

- Fire Services Schedule	
No.	Description
9	9.0Kg Fire Extinguisher - AB(E)

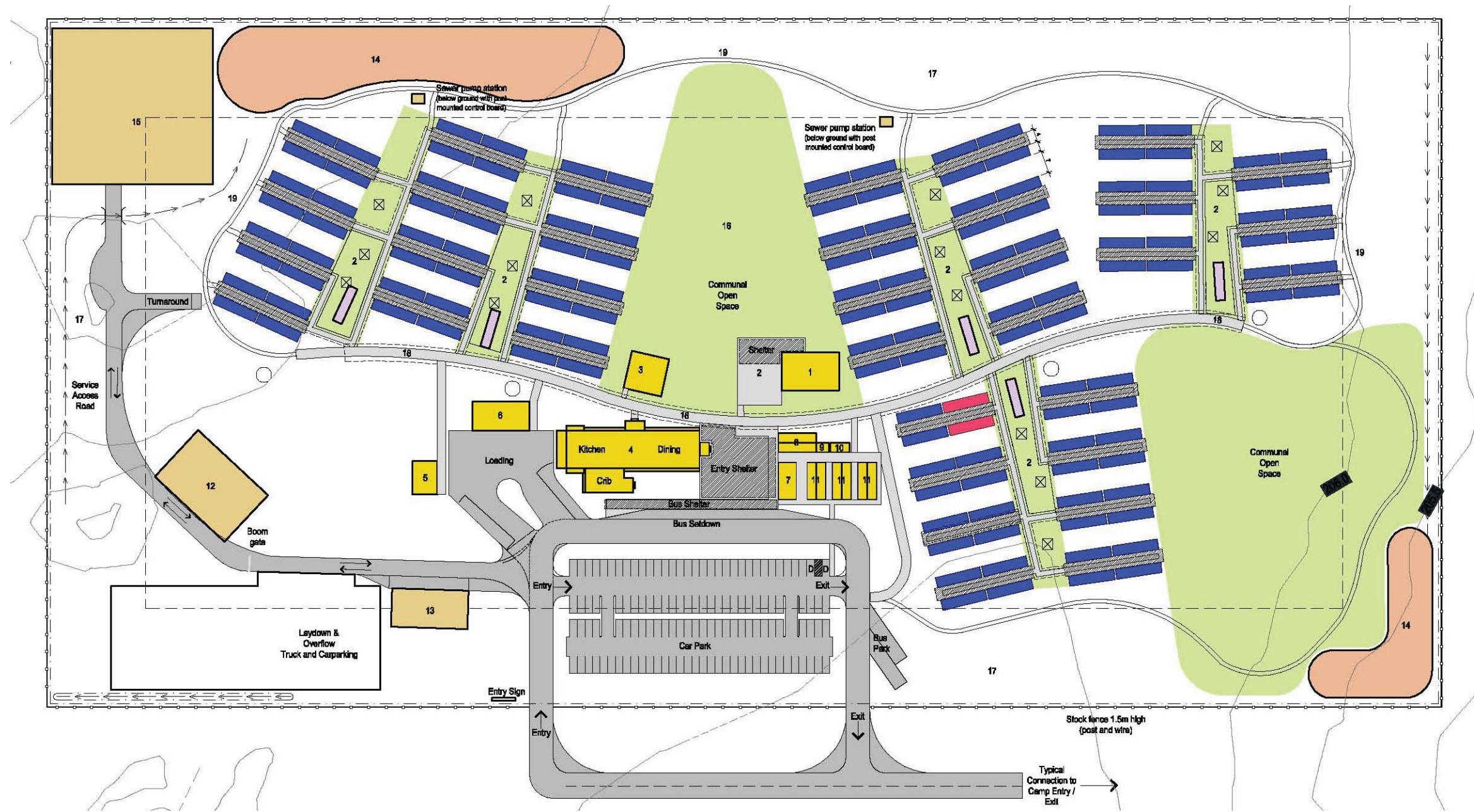
Sales Roof Structure Schedule	
Roof Structure	Comments
2° End to End Roof	
C2 - SDEK/PLY LC7512 - 611 - (3.0 & 3.5)	
611mm Ceiling Joist Centres	
Ceiling Joist - LC7512 Galvaspan	
Insulation - R2.3 Foil Backed Blanket - 95mm	
Lining - Internal - 3.6mm Polyester Coated Plywood	
Purlins - C7510 / LC7512 Galvaspan	
Roof - 0.42mm BMT Superdek Roofing	

- Electrical Equipment Schedule			
No.	Description	Quantity	Comments
5	SPEED QUEEN 6.5kg Washing Machine	6	<b>OPTION</b>
6	SPEED QUEEN 6.5kg Washing Machine c/w Discharge Stand Pipe	4	<b>OPTION</b>
7	SPEED QUEEN 9kg Dryer	10	<b>OPTION</b>
8	ROBIN HOOD Ironing Centre & Hard Wired Steam Iron	1	<b>OPTION</b>

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						12.0 x 3.0m Laundry Adani Mining Pty. Ltd. Carmichael Project QLD															

# RAILCAMP THREE

## PLAN



### LEGEND

<span style="background-color: yellow;">■</span> COMMUNAL BUILDING	1 - Recreation Centre/ Wet Mess IT & Telephone
<span style="background-color: blue;">■</span> ACCOMMODATION UNIT	2 - BBQ & Shelter Areas
<span style="background-color: red;">■</span> DISABLED UNIT	3 - Gym
<span style="background-color: purple;">■</span> LAUNDRY	4 - Kitchen/Dining
<span style="background-color: grey;">■</span> PATH	5 - Waste
<span style="background-color: orange;">■</span> INFRASTRUCTURE	6 - Maintenance / Linen Store
<span style="background-color: lightgreen;">■</span> COMMUNAL OPEN SPACE	7 - Office
<span style="background-color: lightbrown;">■</span> DETENTION BASIN	8 - Ablution M&F
	9 - Ablution (Disabled)
	10 - First Aid
	11 - Lockers
	12 - Water Treatment Plant
	13 - Generator
	14 - Detention Basin
	15 - Sewerage Treatment Plant
	16 - Communal Open Space
	17 - Fire Break (30M wide)
	18 - Central Path (3M wide) with Freestanding Awning
	19 - Walking Track / Maintenance (1.2M - 2.5M wide)

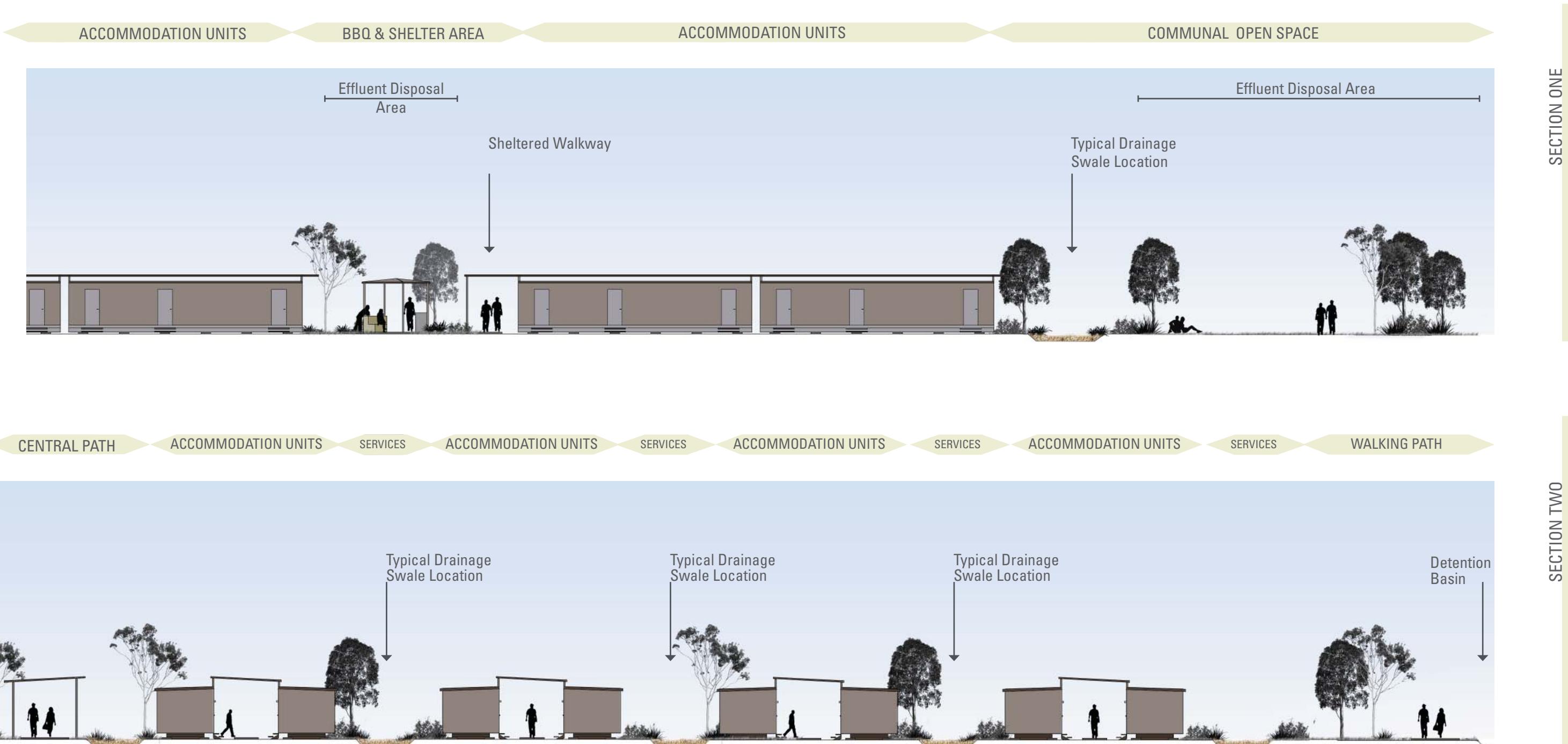
- Fire Tank Water
- ← Catch Drain
- Perimeter Bund
- Perimeter Fence

ACCOMMODATION UNITS	405
DISABLED UNITS	2
CAR PARKING	125
DISABLED CARPARKING	2
BUS PARKING	2
EFFLUENT DISPOSAL	4 ha (based on 100m <sup>2</sup> per person)
DETENTION BASIN	.34ha
TOTAL OPEN SPACE	5.66 ha (including firebreak)
TOTAL SITE AREA	9.38 ha

0 10 20 30 40 50 100  
Scale 1:1500 @ A3 - Dimensions in metres

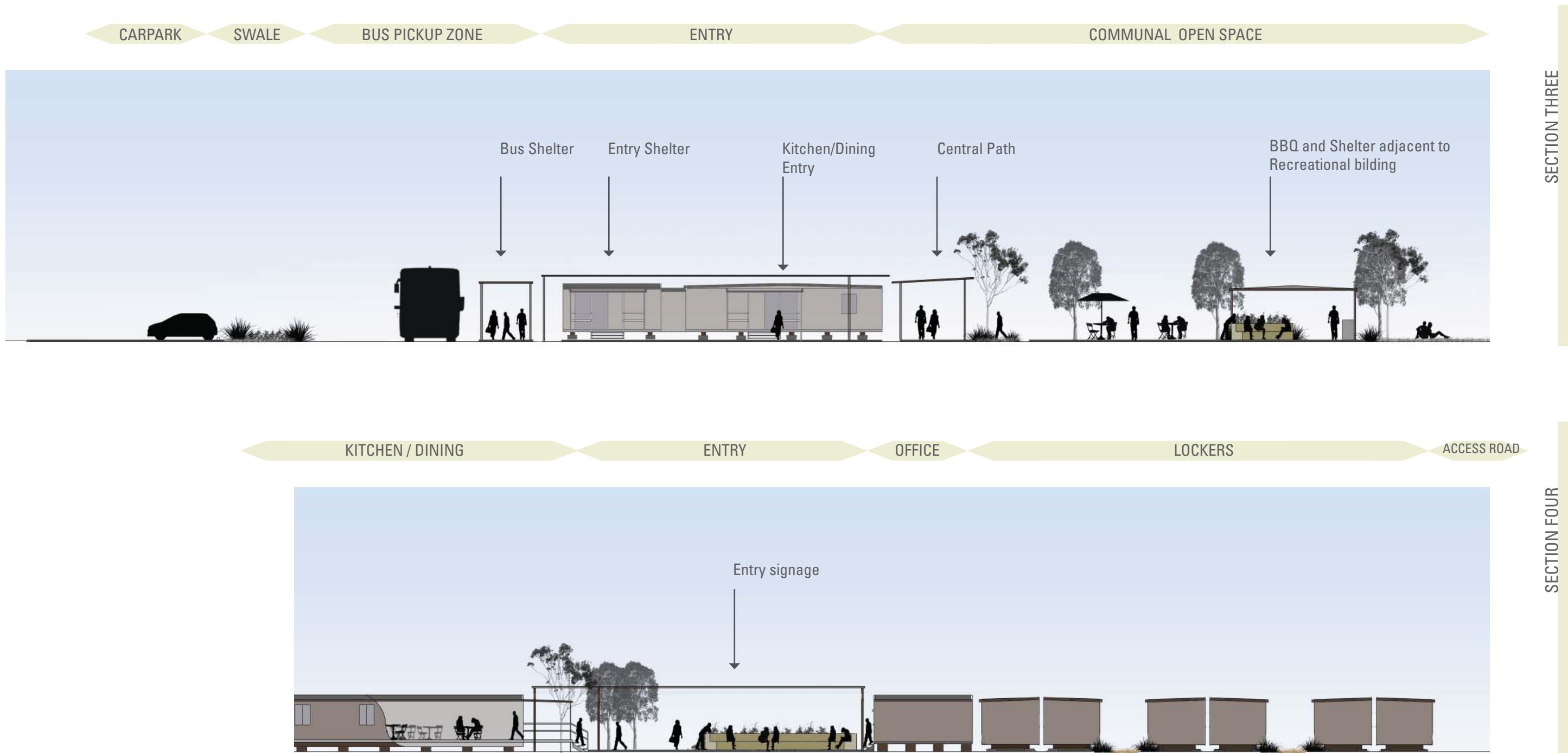
# RAILCAMP THREE

## SECTIONS



# RAILCAMP THREE

## SECTIONS



# RAILCAMP THREE

## APPENDICES

ADANI RAIL CAMP

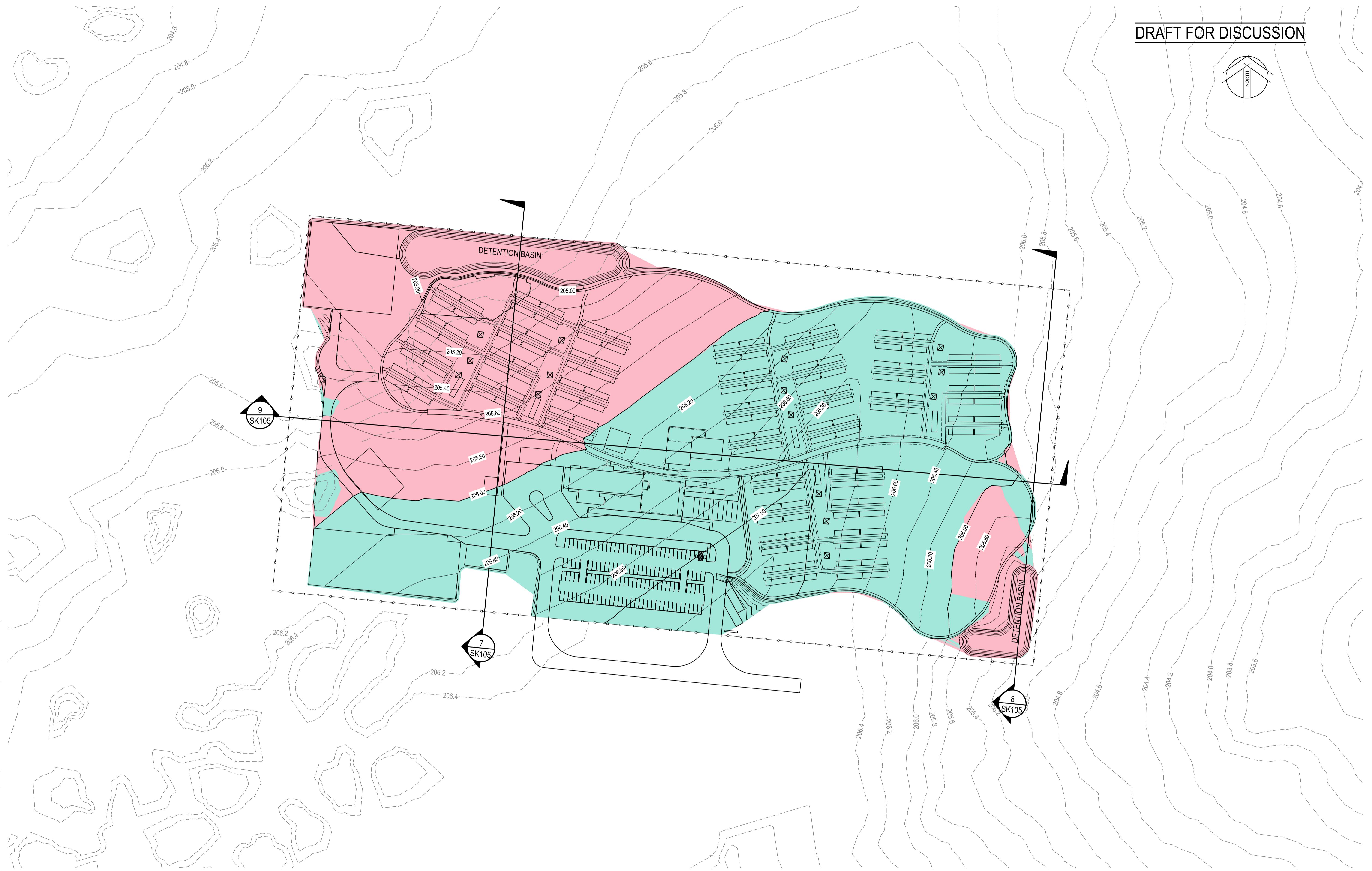
- ATCO - 14.4 x 3.25M Three person double
- ATCO - 14.4 x 3.25M VIP Two person Disabled
- ATCO - 45.0 x 19.5 M Kitchen Diner (400 person)
- ATCO - 12.0 x 6.0 M Office
- ATCO - 12.0 x 3.0 M Abulition Block
- ATCO - 12.0 x 3.0 M Linen Store
- ATCO - 12.0 x 12.0 M Gym
- ATCO - 18.0 x 12.0 M Recreation Centre
- ATCO - 12.0 x 3.0 M Laundry



landscape architecture  
urban design  
environmental management

**ADAMIN MINING Pty Ltd      RAIL CAMP 3**

CIVIL ENGINEERING DRAWINGS  
PREPARED BY CARDNO



# ADANI MINING PTY LTD

# CAMP 3 BULK EARTHWORKS LAYOUT

## LEGEND - BULK EARTHWORKS

- |   |                          |
|---|--------------------------|
| — 222.0 —   | - PROPOSED MAJOR CONTOUR |
| — 222.2 —   | - PROPOSED MINOR CONTOUR |
| — — — 222.2 — — —   | - EXISTING CONTOUR       |
|  | - AREA OF CUT            |
|  | - AREA OF FILL           |
|  | - SITE BOUNDARY          |

L:\750  
The contents of this plan are conceptual only. All areas and dimensions are approximate and subject to relevant studies, Survey, Engineering and Council approval.

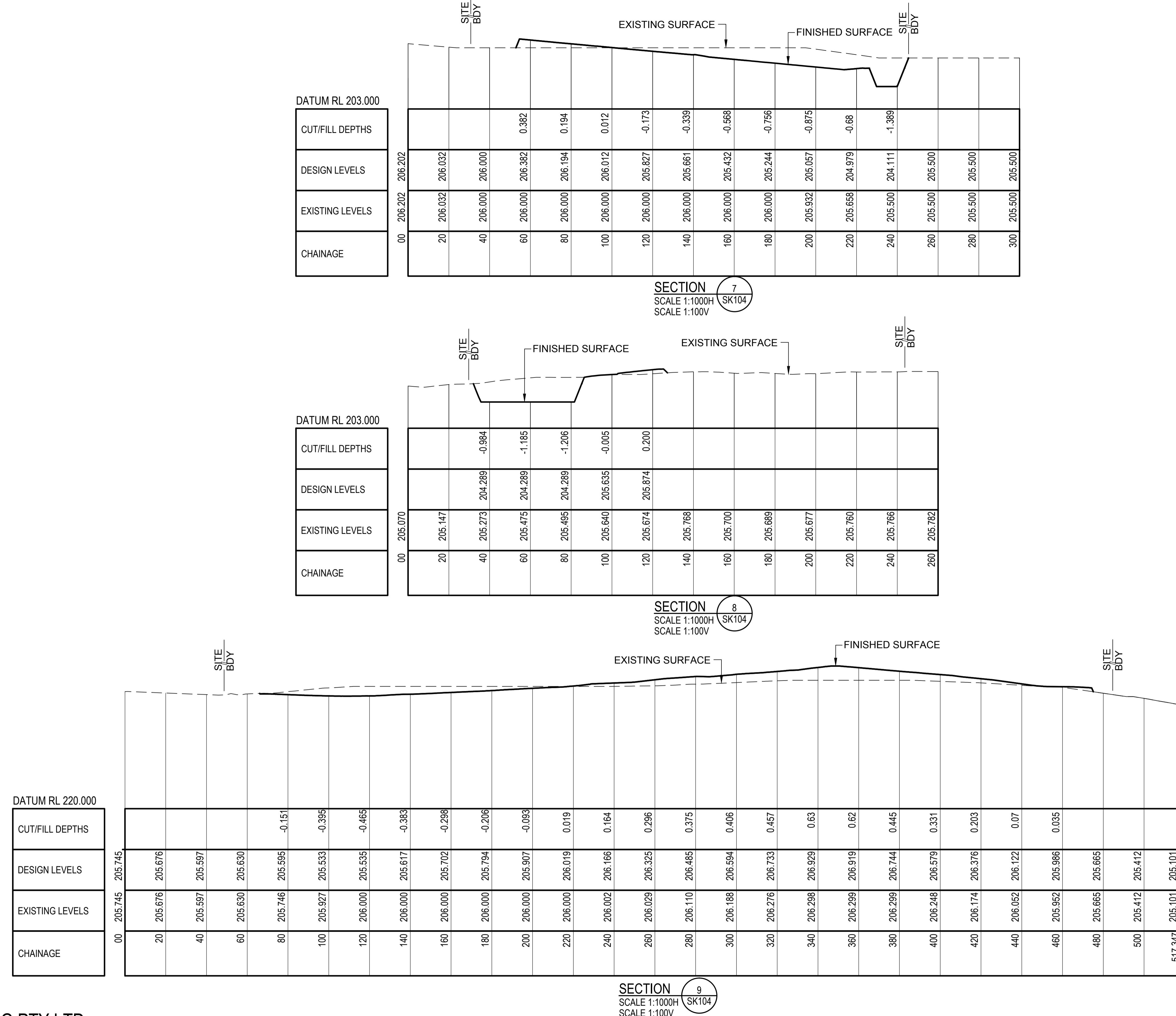
The logo for Cardno consists of a stylized 'C' shape formed by two overlapping semi-circles, one blue and one green. To the right of the logo, the word 'Cardno' is written in a bold, italicized, blue sans-serif font.

REF NUMBER: 7508-90-SK104(---)  
DATE: 22.10.2012



REF NUMBER: 7508-90-SK104(---)  
DATE: 22.10.2012

A scale bar at the top shows distances from 0 to 50 meters. Below it, two labels indicate the scale and location: '1:1000 - A1' and '1:2000 - A3'.



ADANI MINING PTY LTD

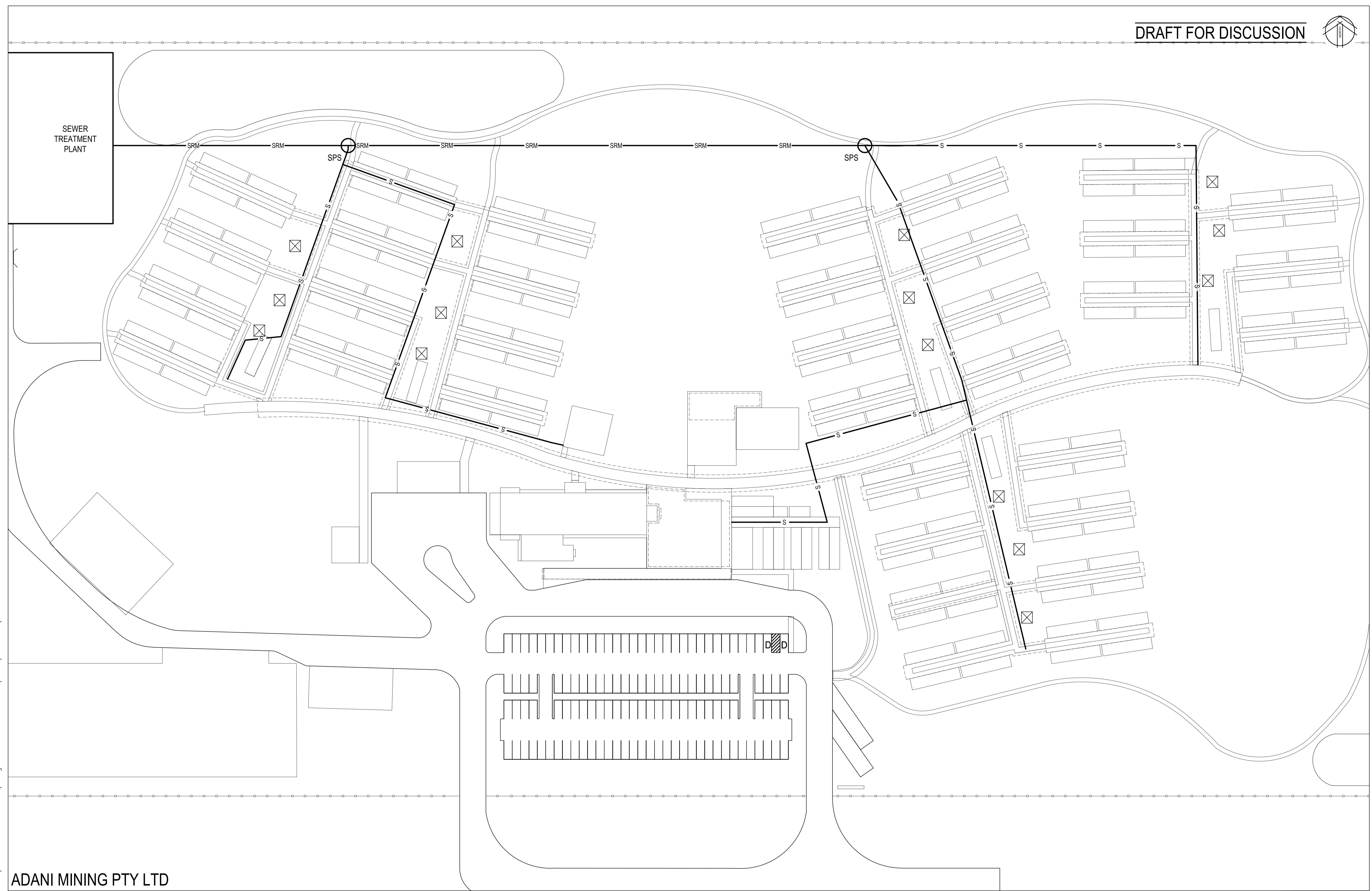
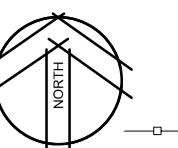
CAMP 3 BULK EARTHWORKS SECTIONS

The contents of this plan are conceptual only. All areas and dimensions are approximate and subject to relevant studies, Survey, Engineering and Council approval.

 **Cardno**  
Cardno (Qld) Pty Ltd ACN: 051 074 992  
Level 11, North Tower, 515 St Paul's Terrace, Fortitude Valley 4006  
Locked Bag 4006, Fortitude Valley QLD 4006  
Phone (07) 3369 9822 Fax (07) 3369 9722  
Email: cardno@cardno.com.au Web: www.cardno.com.au

Quality System  
AS 9001 Lic. 990  
Standards Australia  
Quality Endorsed Company

REF NUMBER: 7508-90-SK105(---)  
DATE: 22.10.2012  
10 0 10 20 30 40 50m  
1:1000 - A1 1:2000 - A3  
1 0 1 2 3 4 5m  
1:100 - A1 1:200 - A3



L:\7508-90 Carmichael Coal\004 Bulk Earthworks\Design and Documentation\Acad\Sketches\7508-90-SK303

**ADANI MINING PTY LTD**

CAMP 3 SEWER RETICULATION LAYOUT

**LEGEND - SEWER**

- PROPOSED GRAVITY SEWER
- PROPOSED SEWER RISING MAIN
- PROPOSED SEWER RISING MAIN PUMP STATION

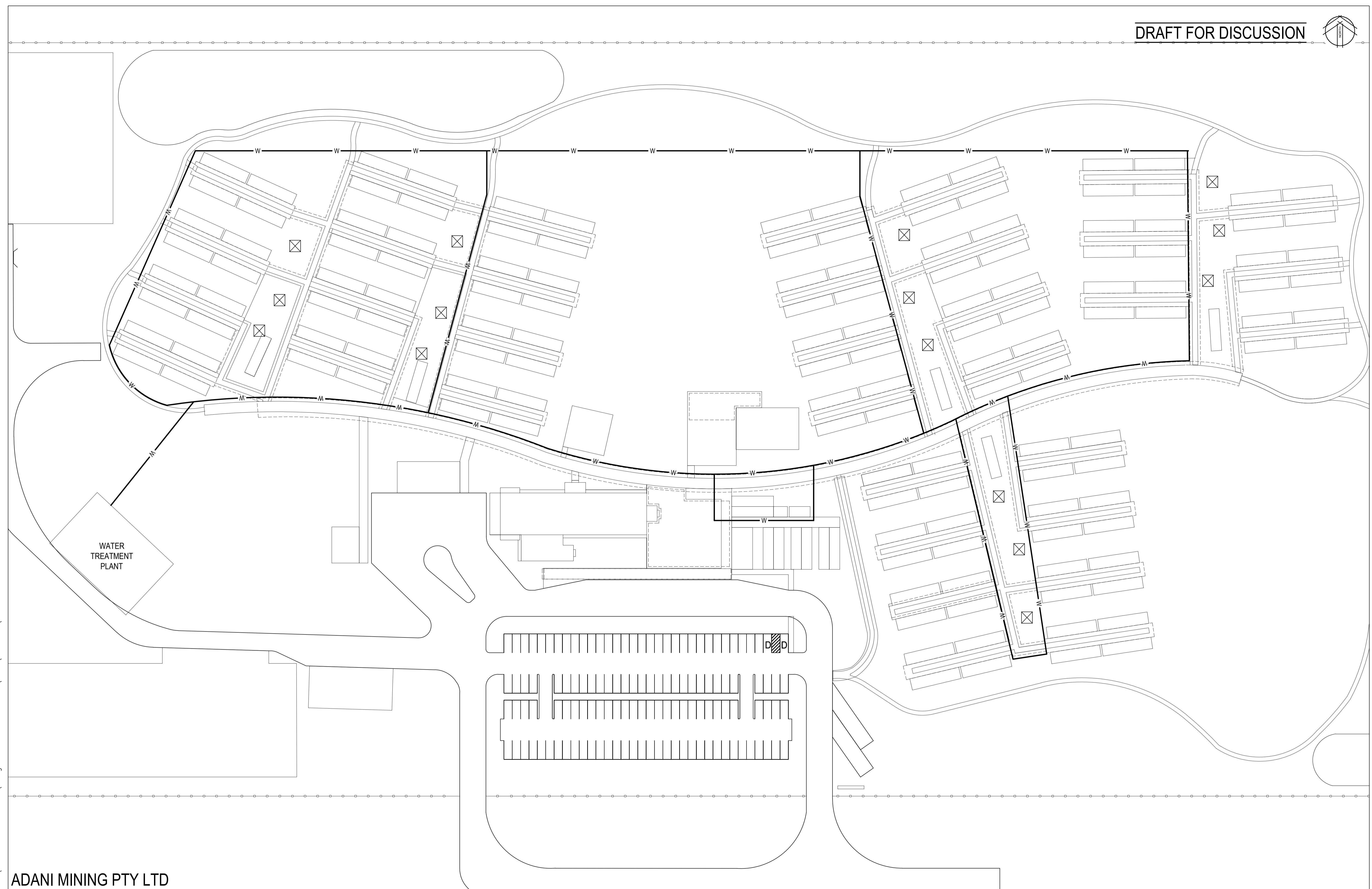
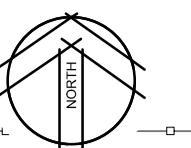
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DATE: 22.10.2012

5 0 5 10 15 20 25m  
1:500 - A1 1:1000 - A3



ADANI MINING PTY LTD

CAMP 3 WATER RETICULATION LAYOUT

## LEGEND - WATER

W - PROPOSED WATERMAIN

L:\7508-90 Carmichael Coal\004 Bulk Earthworks\Design and Documentation\Acad\Sketches\7508-90-SK403  
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