

PART 10

PLANS AND DRAWINGS

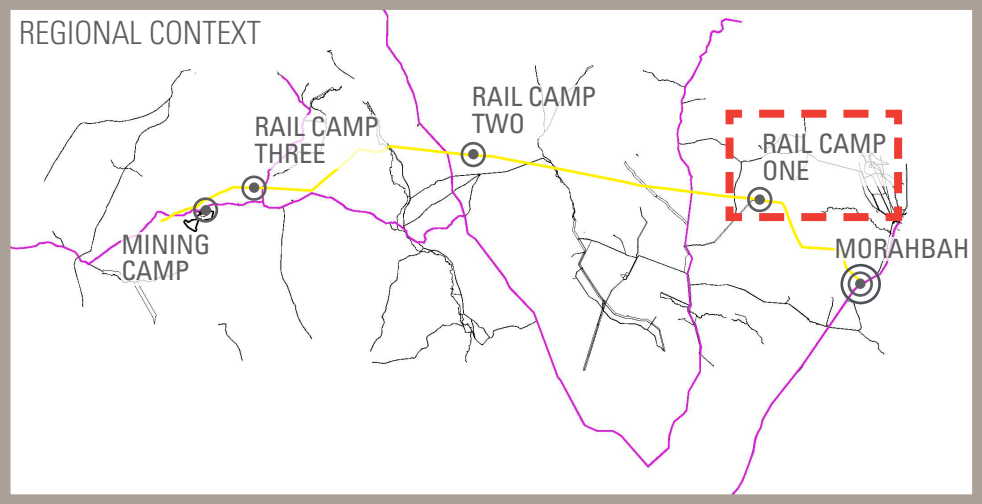
- > Camp Layout Package prepared by Cardno
- > Civil Engineering Drawings prepared by Cardno

CAMP LAYOUT PACKAGE PREPARED
BY CARDNO

RAIL CAMP ONE CONTEXT



LOCATION PLAN
SCALE 1:40,000 @ A3



SITE PHOTOS



VIEW NORTH



VIEW SOUTH



VIEW EAST

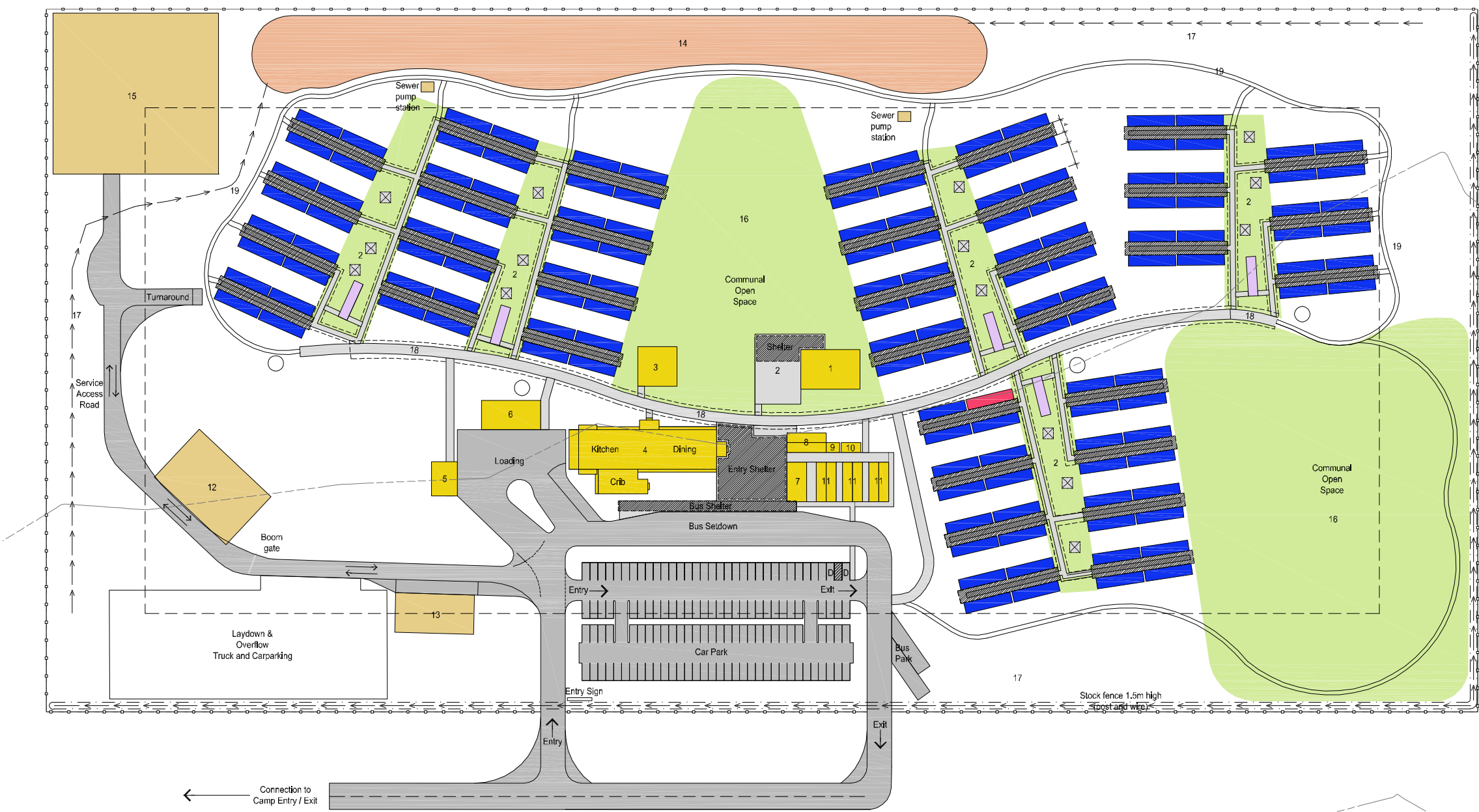


VIEW WEST



RAIL CAMP ONE

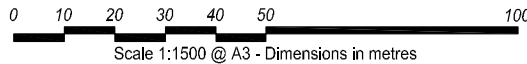
PLAN



LEGEND

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

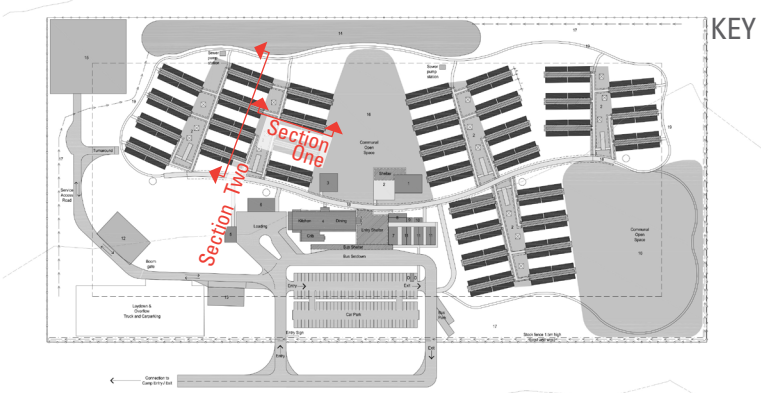
ACCOMMODATION UNITS	405
DISABLED UNITS	2
CAR PARKING	125
DISABLED CARPARKING	2
BUS PARKING	2
EFFULENT DISPOSAL	4 ha
(based on 100m ² per person)	
DETENTION BASIN	.42ha
TOTAL OPEN SPACE	5.58 ha
(including firebreak)	
TOTAL SITE AREA	9.38 ha



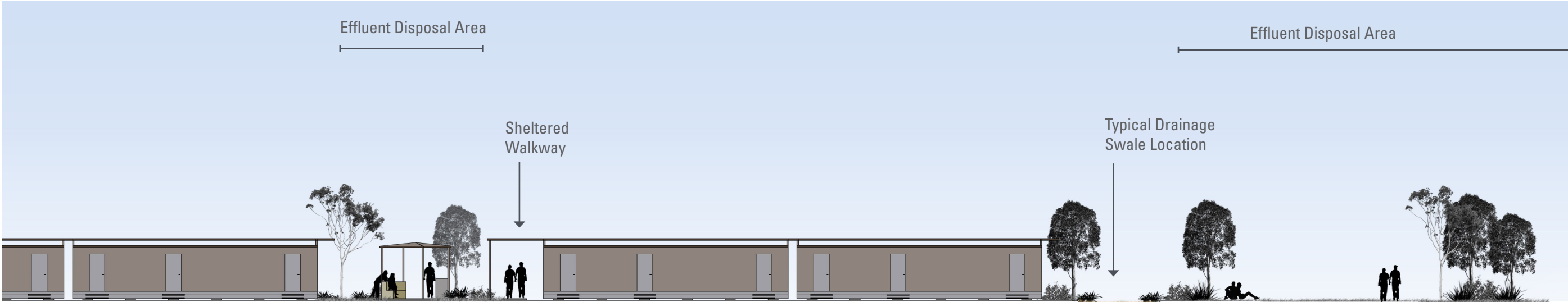
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urban design
environmental management

RAIL CAMP ONE

SECTIONS

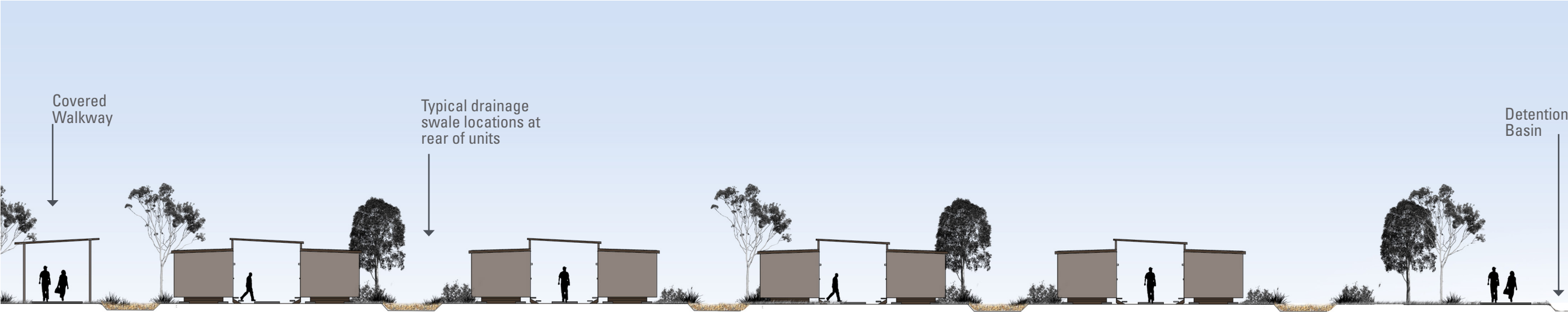


ACCOMMODATION UNITS BBQ & SHELTER AREA ACCOMMODATION UNITS COMMUNAL OPEN SPACE



SECTION ONE

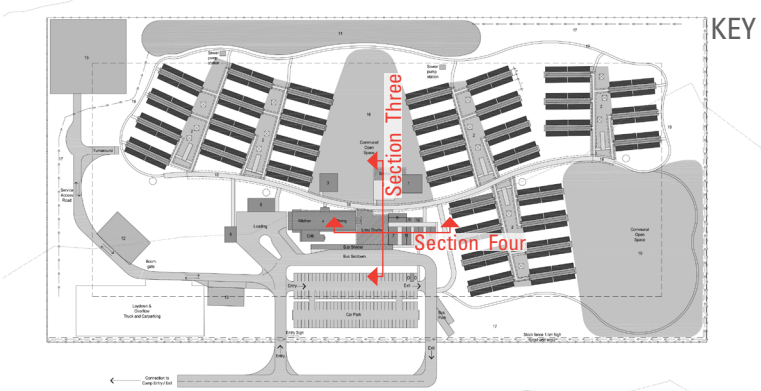
CENTRAL PATH ACCOMMODATION UNITS SERVICES ACCOMMODATION UNITS SERVICES ACCOMMODATION UNITS SERVICES ACCOMMODATION UNITS SERVICES WALKING PATH



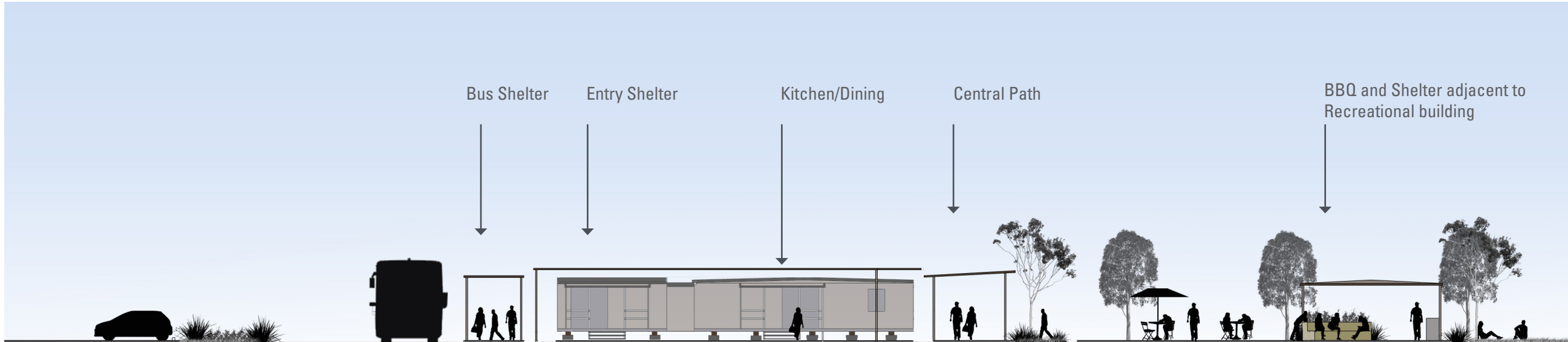
SECTION TWO

RAIL CAMP ONE

SECTIONS

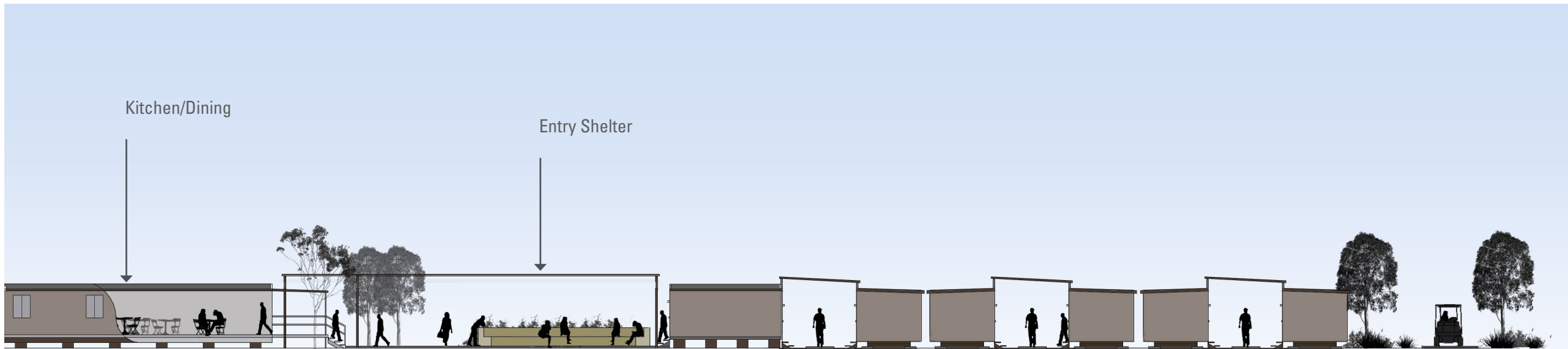


CARPARK BUS PICKUP ZONE ENTRY COMMUNAL OPEN SPACE



SECTION THREE

KITCHEN / DINING ENTRY OFFICE LOCKERS ACCESS ROAD



SECTION FOUR

RAIL CAMP ONE

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



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RAIL CAMP ONE

APPENDICES

ADANI RAIL CAMP

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Views indicative only

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

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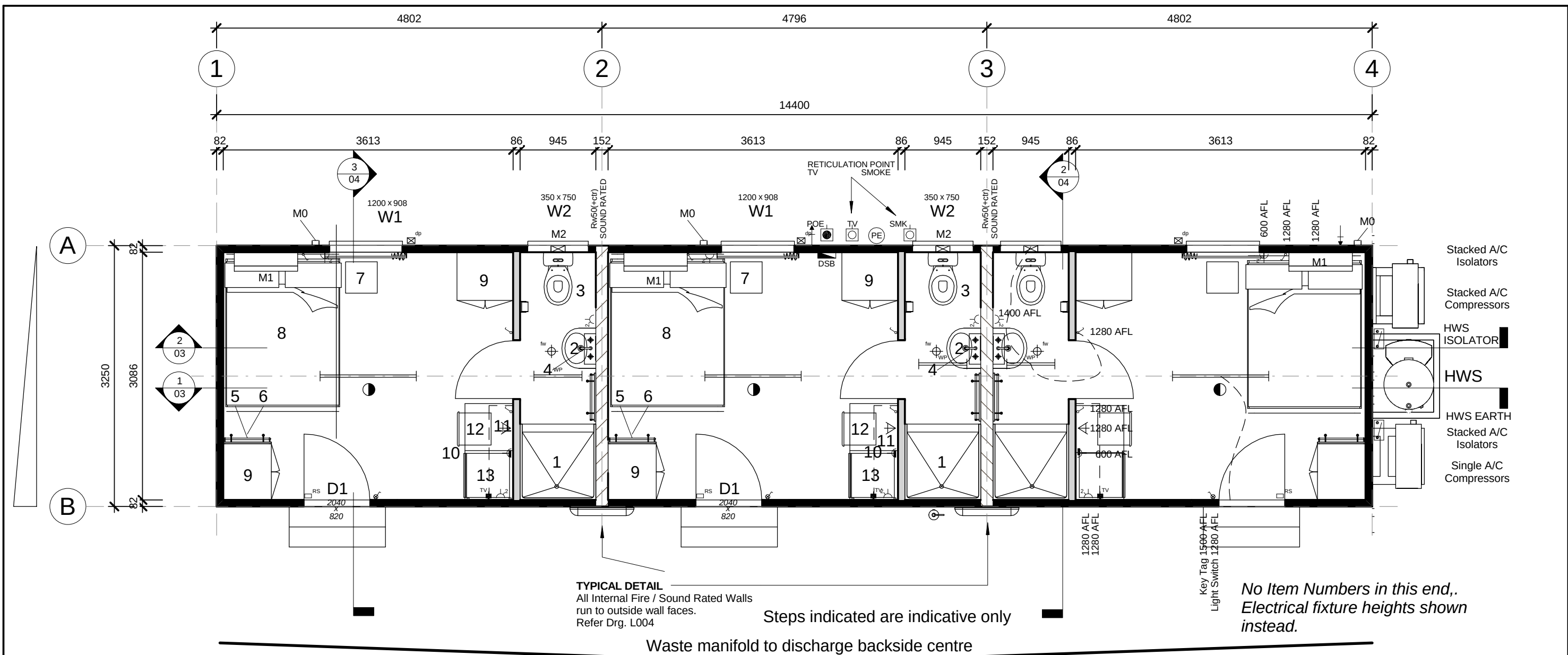
Adani Mining Pty. Ltd.
Carmichael Project
QLD.

14.4 x 3.25m VIP Three Person Double

ATCO Structures
& Logistics

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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



TYPICAL DETAIL
All Internal Fire / Sound Rated Walls
run to outside wall faces.
Refer Drg. L004

Steps indicated are indicative only

Waste manifold to discharge backside centre

No Item Numbers in this end,
Electrical fixture heights shown
instead.

Item Lists

- Plumbing - Waste Manifold Outlet
Plumbing - Water Inlet c/w Line Strainer
- 945 x 945 Fibreglass shower cubicle / Curtain. 3 Star WELS
 - Hand Basin VC c/w Mirror Over - NOVATEC CARA inc. overflow & PVC Waste
 - WC Suite 4.5 Star WELS, c/w toilet roll holder
 - Shaving Cabinet c/w 2 mirrored doors
 - Towel Rail - 600w
 - Two Coat Hooks on Timber Rail x 600w
 - 395w x 390d x 590h Bedside Three Drawer Unit
 - Double bed c/w innerspring mattress
 - 1800h x 800w x 600d Robe c/w Shelves & Hanging Space
 - Step Desk
 - Shelving Over Desk - 1200mm Long Open
 - Steel framed stacker chair
 - Bar Fridge - WESTINGHOUSE - WRM1300WC - 130 litre
 - 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

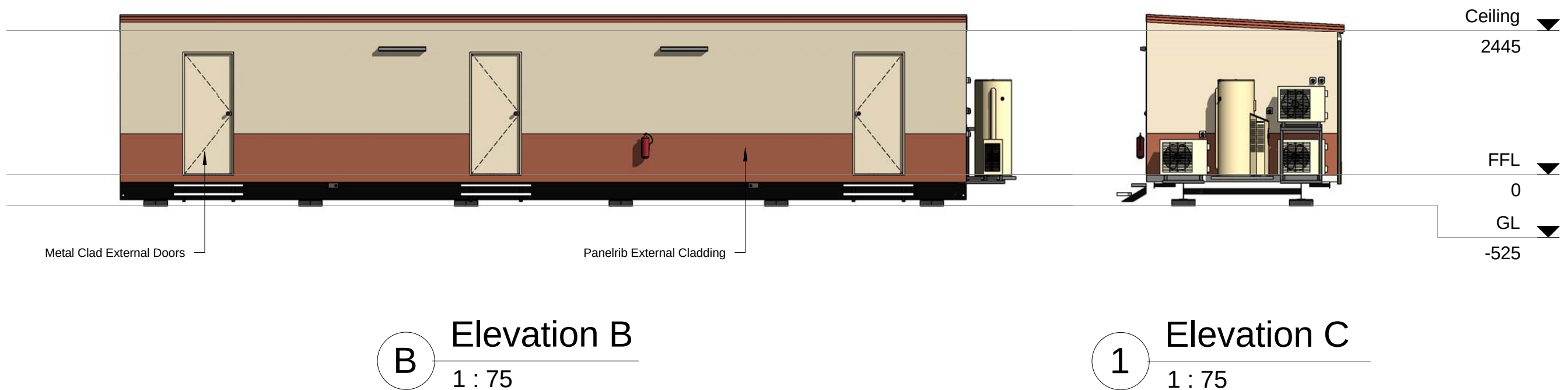
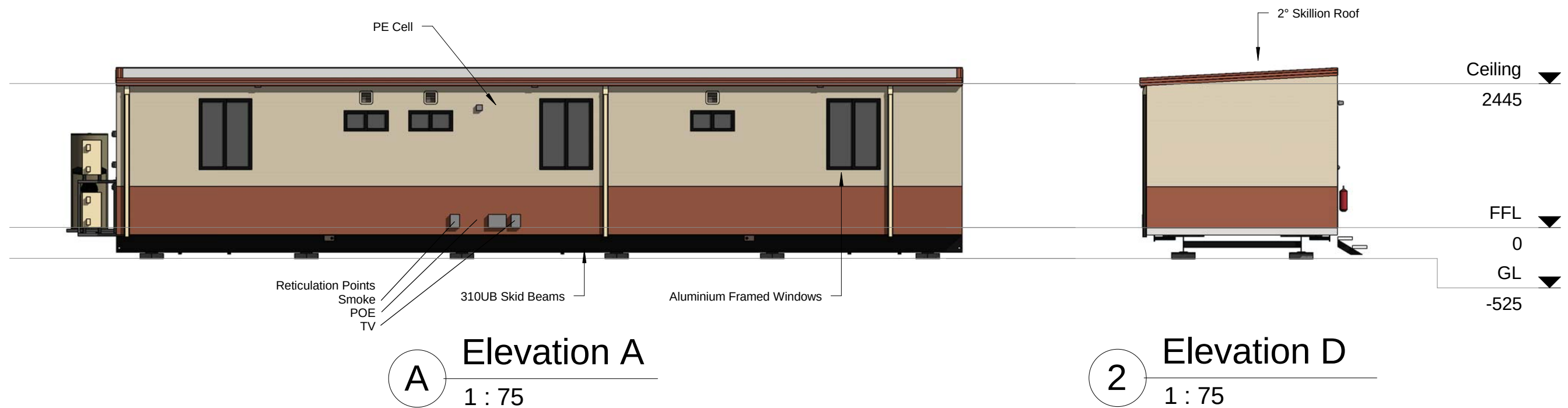
- The design above is compliant for climate zones 1 & 3 for all orientations. Any changes to windows and/or external door sizes, quantity or locations will require re-submission for energy efficiency compliance.
- Under floor insulation not required under section P2 of QDC MP3.3 - Temporary Accommodation 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 | Light switch | ⏏ | 240V Smoke detector |
| Two-way light switch | Two-way light switch | ⏏ | 36w Single fluorescent light |
| Light switch - IPX5 rated | Light switch - IPX5 rated | ⏏ | 36w Double fluorescent light |
| Isolation Switch | Isolation Switch | ⏏ | 36w Emergency back-up fluorescent light |
| 10amp Single GPO | 10amp Single GPO | ⏏ | 36w Single fluorescent light - IP65 rated |
| 10amp Double GPO | 10amp Double GPO | ⏏ | Emergency exit light |
| 15amp Single GPO. | 15amp Single GPO. | ⏏ | Oyster Light - 11W Round Fluro |
| 10amp GPO - IPX5 rated | 10amp GPO - IPX5 rated | ⏏ | External light |
| 20amp Single GPO | 20amp Single GPO | ⏏ | 18W Single Vandalite |
| - Indicates floor mounting | - Indicates floor mounting | ⏏ | Oyster light |
| - Indicates ceiling mounting | - Indicates ceiling mounting | ⏏ | Photo electric light switch |
| | | ⏏ | Spot light |
| | | ⏏ | PLUMBING - Water Inlet Point |
| | | ⏏ | PLUMBING - Waste Manifold Outlet Point |

Rev	Description	Date	By

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		14.4 x 3.25m VIP Three Person Double Adani Mining Pty. Ltd. Carmichael Project QLD.	SCALE	1 : 50		Floor Plan	Reg. C Cat. 2	
			DRAWN	RA		DRAWING NUMBER	NCC BUILDING CLASS	
			CHECKED	TK		120842A2 -01	3	REVISION
								A3



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REGN No. 531

PROJECT No.
14.4 x 3.25m VIP Three Person Double
Adani Mining Pty. Ltd.
Carmichael Project
QLD.

DATE	09.10.12
SCALE	1 : 75
DRAWN	RA
CHECKED	TK

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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 Elevations	DESIGN WIND LOAD Reg. C Cat. 2
DRAWING NUMBER 120842A2 -02	NCC BUILDING CLASS 3
	REVISION A3

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		3	Weather and E/E Seals
D2	Standard : Hollow Core	2040	720	Standard	Privacy	No	No	Yes	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	

- Cupboards			
No.	Description	Quantity	Comments
11	Shelving Over Desk - 1200mm Long Open	3	

- Furniture			
No.	Description	Quantity	Comments
5	Towel Rail - 600w	6	2 coat hooks above / rail
6	Two Coat Hooks on Timber Rail x 600w	6	
7	395w x 390d x 590h Bedside Three Drawer Unit	3	
8	Double bed c/w innerspring mattress	3	
9	1800h x 800w x 600d Robe c/w Shelves & Hanging Space	6	
10	Step Desk	3	c/w space for Bar Fridge
12	Steel framed stacker chair	3	

- Electrical Equipment Schedule			
No.	Description	Quantity	Comments
13	Bar Fridge - WESTINGHOUSE - WRM1300WC - 130 litre	3	

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	
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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INTERNATIONAL
REGN No. 531

PROJECT No.

14.4 x 3.25m VIP Three Person Double
Adani Mining Pty. Ltd.
Carmichael Project
QLD.

DATE	09.10.12
SCALE	
DRAWN	RA
CHECKED	TK



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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

DRAWING NUMBER
120842A2 -06

DESIGN WIND LOAD Reg. C Cat. 2	
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	

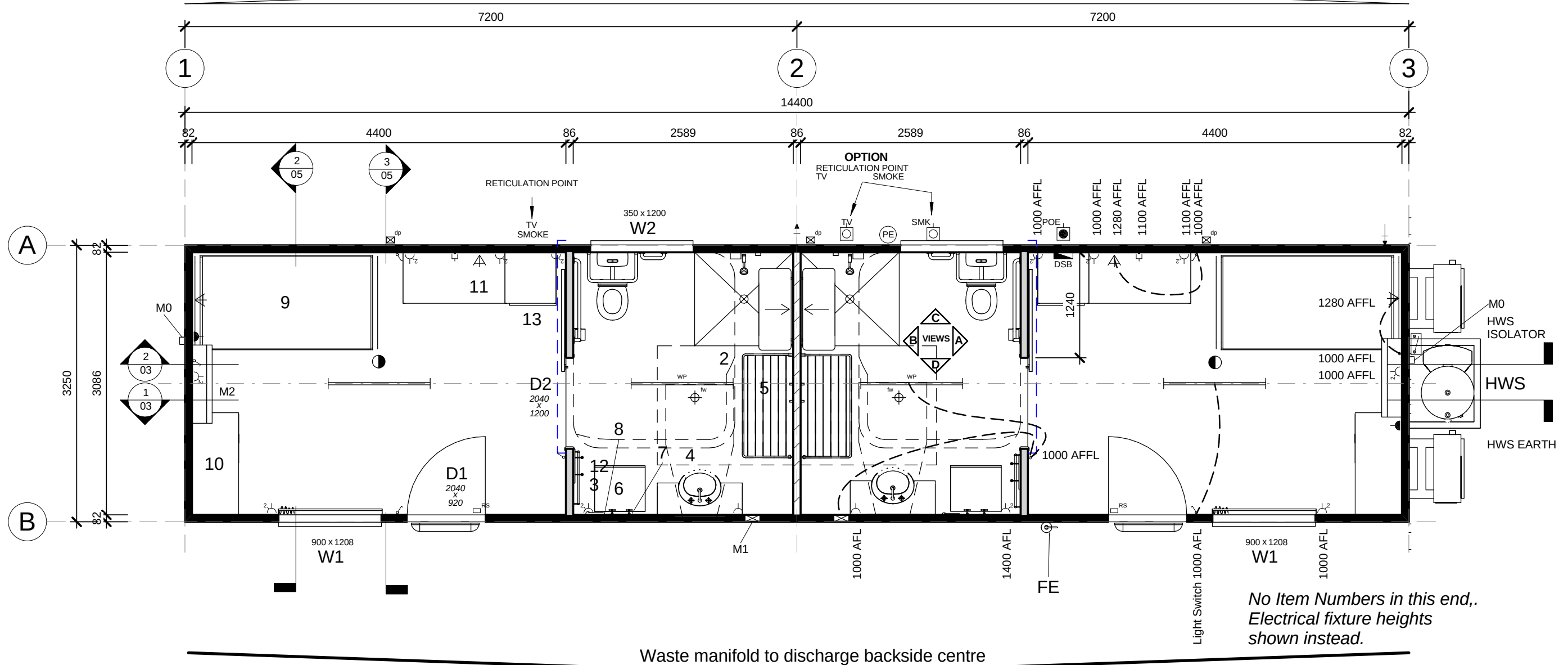
120842A1
Adani Mining Pty. Ltd.
Carmichael Project
QLD.

14.4 x 3.25m VIP Two Person - Disabled



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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.
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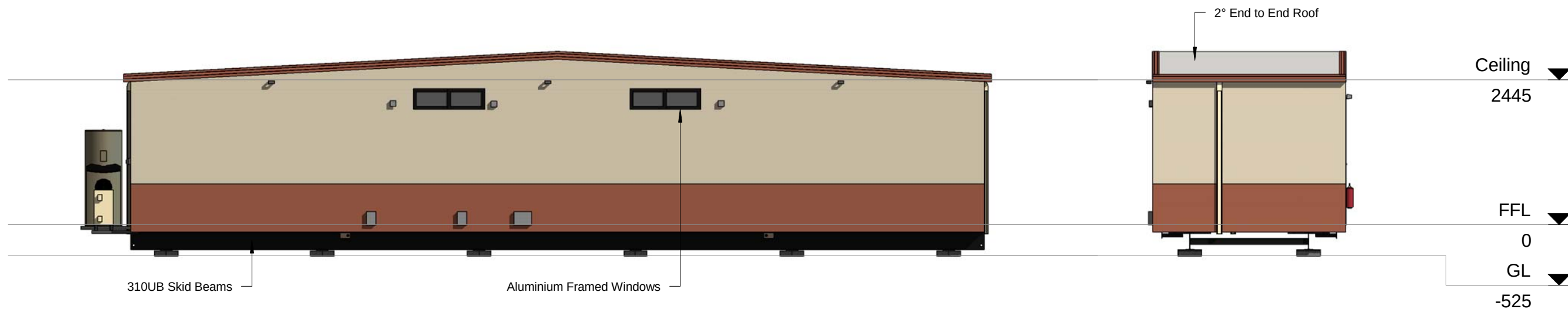
Energy Efficiency Notes

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

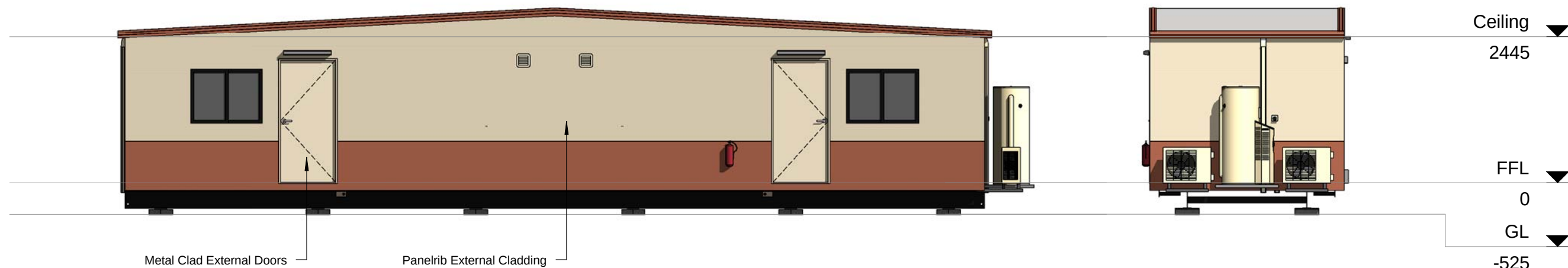
- DSB Distribution Switchboard
POE - Point Of Entry
Light switch
Two-way light switch
Light switch - IPX5 rated
Isolation Switch
10amp Single GPO
10amp Double GPO
15amp Single GPO.
10amp GPO - IPX5 rated
20amp Single GPO
- Indicates floor mounting
- Indicates ceiling mounting
- Comms. - Draw wire only
'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
Emergency exit light
Oyster Light - 11W Round Fluro
External light
18W Single Vandalite
Oyster light
Photo electric light switch
Spot light
PLUMBING - Water Inlet Point
PLUMBING - Waste Manifold Outlet Point

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A Elevation A
1 : 75

2 Elevation D
1 : 75



B Elevation B
1 : 75

1 Elevation C
1 : 75

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						14.4 x 3.25m VIP Two Person - Disabled	SCALE	1 : 75		Elevations	Reg. C Cat. 2
						Adani Mining Pty. Ltd.	DRAWN	RA		DRAWING NUMBER	NCC BUILDING CLASS
						Carmichael Project	CHECKED	TK		120842A1 -02	3
						QLD.					REVISION
											A3

22/08/2012 3:01:37 PM

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

- 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		

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

Sales Window Schedule							
No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	Sliding XO	Grey Glass	900	1208	1000	2	c/w Curtain ➡
W2	Sliding XO..	Obscure Glass	350	1200	1960	2	

* 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 OPTION
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	OPTION
10	Disabled Wardrobe - 2 Drawers	2	Disabled Compliant 1 Lh & 1 RH ➡
11	Disabled Stepped Desk 1800 x 600	2	OPTION OPTION
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	OPTION
13	Bar Fridge - WESTINGHOUSE - WRM1300WC - 130 litre	2	OPTION

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	2
Switchboard	1

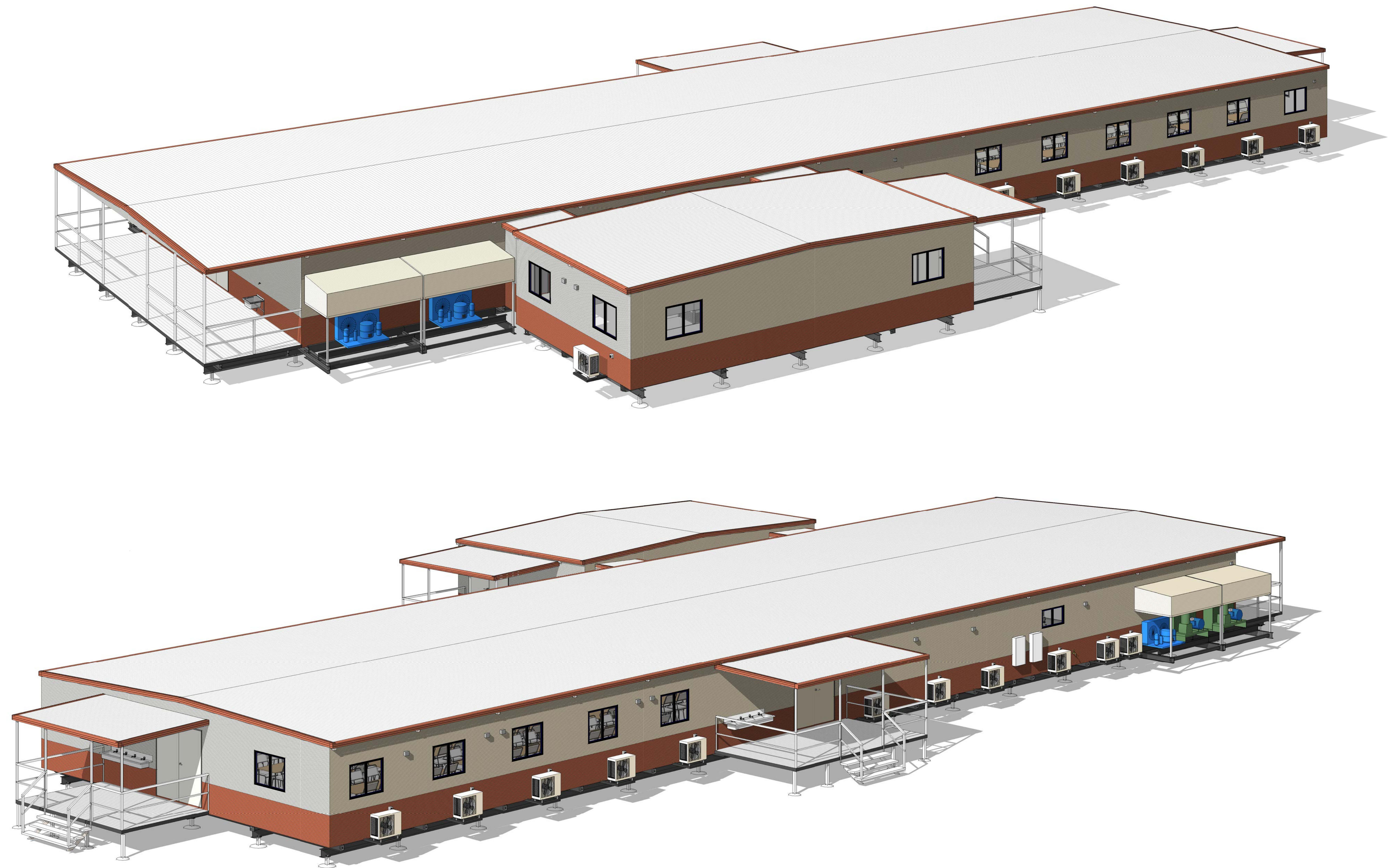
SWITCHBOARD: To have timer installed, via. Door Reed Switch, **OPTION** for all A/C units.
Units to be shut down if door left open for more than 1 minute.

Lighting Fixtures	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

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	20.08.12	 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	DESIGN WIND LOAD	
		14.4 x 3.25m VIP Two Person - Disabled Adani Mining Pty. Ltd. Carmichael Project QLD.	SCALE			Sales Schedules	Reg. C Cat. 2	
			DRAWN	RA		DRAWING NUMBER	120842A1 -07	NCC BUILDING CLASS
			CHECKED	TK				3
								REVISION
							A3	



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

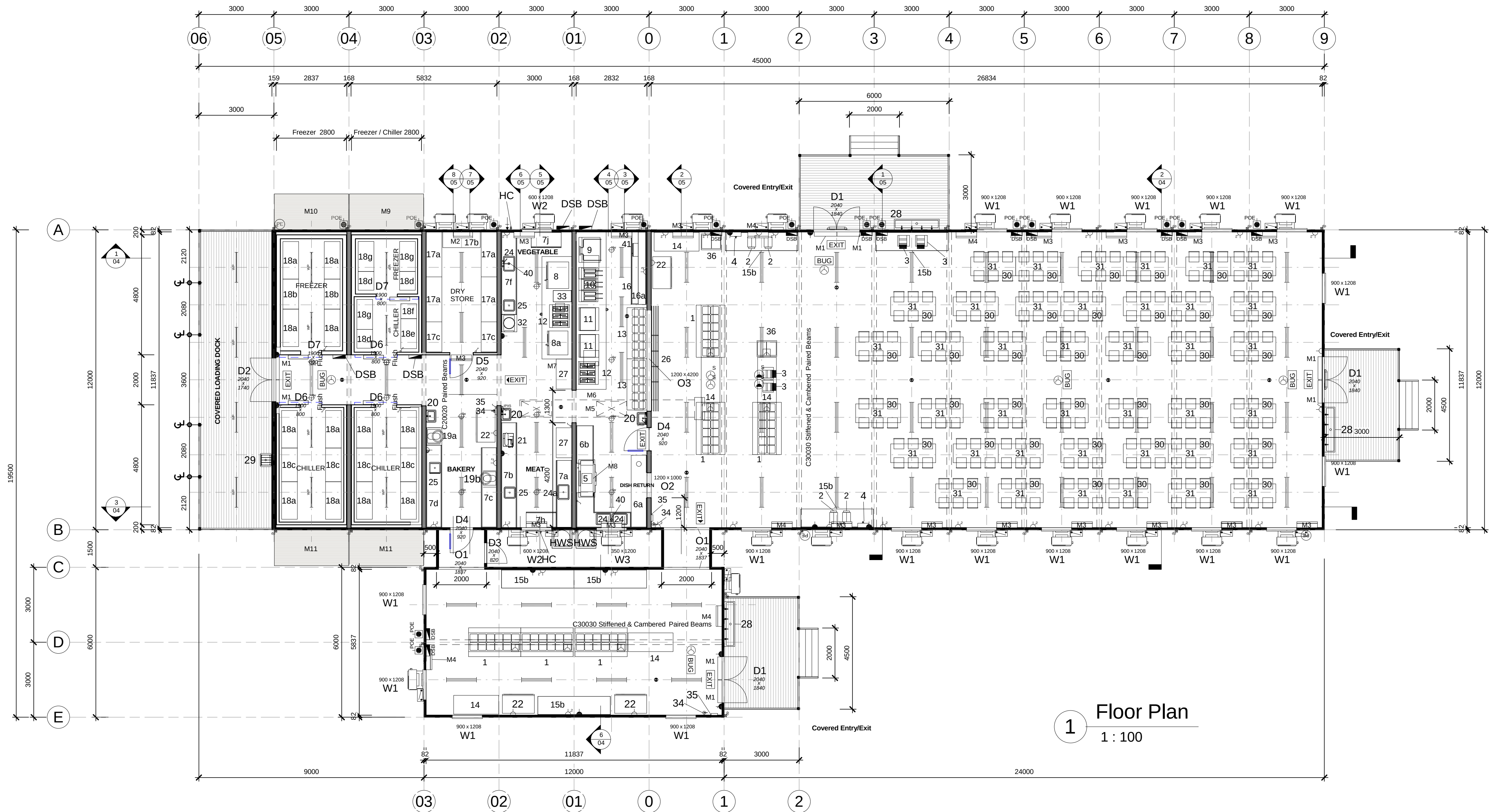
Kitchen Diner - 45.0 x 19.5m

COOKING CAPACITY = 400 Person
SEATING CAPACITY = 240 Person

ATCO Structures & Logistics

ATCO STRUCTURES & LOGISTICS PTY. LTD.
140-150 MAGNUSIAN DRIVE, CHESTERWOOD, QLD 4112
P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118
E-mail: atco@atco.com.au

PHONE: (07) 3412 8800
FAX: (07) 3803 5175
ABN: 71 083 962 309



1 Floor Plan
1 : 100

Item List

1	Plumbing - Water Inlet c/w Line Strainer	18a	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1500w x 600d	D1	2040 x 1840 External Double Door - Standard : Hollow Core MC
2	Salad Bar - 6 Mod - Storage Under / Glass Canopy	18b	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1200w x 600d	D2	2040 x 1740 External Double Door - Standard : Hollow Core MC
3	Drinks Dispenser - 2 x 12 litre	18c	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1200w x 600d	D3	2040 x 920 External Door - Standard : Hollow Core
4	Conveyor Toaster	18d	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1350w x 600d	D4	2040 x 920 Internal Door - Half Glass : Solid Core
5	BIRKO 15ltr Autoboiler	18e	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1350w x 600d	D5	2040 x 920 Internal Door - Half Glass : Hollow Core
6	Rack - Conveyor Dishwasher	18f	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	D6	1900 x 800 Internal Door - Standard : Coldroom Panel Door
7	Dish Return c/w Scraps Hole / Chute (1400 x 2825 x 2900) (300 high Splashback with 600 high wall cover)	18g	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	D7	1900 x 800 Internal Door - Standard : Freezer Panel Door
8	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 1200w x 600d	O1	2040 x 1000
9	Prep Bench - Meat 01 x 2700w (300 high Splashback)	18i	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	O2	1200 x 1000 Window opening
10	Prep Bench - Meat 02 x 4200w (300 high Splashback)	18j	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	O3	1200 x 4200 Servery
11	Prep Bench - Bakery 01 x 3200w (300 high Splashback)	18k	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	W1	900 x 1208 Sliding Glass Window - Grey Glass
12	Prep Bench - Bakery 02 x 4000w (300 high Splashback) to Inc. 600 Stepdown x 700w	18l	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	W2	600 x 1208 Sliding Glass Window - Obscure Glass
13	Prep Bench - Veg 01 x 4000w inc. Stepdown	18m	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	W3	350 x 1200 Sliding Glass Window - Obscure Glass
14	Mobile Bench - Meat x 1200w x 750d x 900h (No Splashback)	18n	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M1	900mm Air Curtains
15	Mobile Bench - Meat x 1200w x 750d x 900h (No Splashback)	18o	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M2	3.5kW R/C Split System Air Conditioner - Inverter
16	Mobile Bench - Veg x 1200w x 750d x 900h (No Splashback)	18p	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M3	5.0kW R/C Split System Air Conditioner - Inverter
17	Mobile Bench - Veg x 1200w x 750d x 900h (No Splashback)	18q	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M4	7.1kW R/C Split System Air Conditioner - Inverter
18	Combi Oven - Electric	18r	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M5	Fresh Air Dual Kitchen Induction System
19	Combi Oven - Electric	18s	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M6	Exhaust Canopy - Main x 6300w
20	Tilting Bratt Pan - Electric - 150 Litre	18t	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M7	Exhaust Canopy - Secondary
21	Deep Fryer - Electric - 3 Pan x 32 Litre	18u	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M8	Vent Hood for ES100 Rack - Conveyor Dishwasher
22	Griddle - Electric	18v	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M9	External Compressors - Freezer / Chiller
23	Range - Electric - 6 Element	18w	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M10	External Compressor - Freezer
24	Hot Bain Marie - 6 Mod - Heated Storage Under / Sneeze Guard	18x	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d	M11	External Compressor - Chiller
25	Mobile Bench - Diner x 1800w x 750d x 900h (No Splashback)	18y	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d		
26	Beverage Bench x 2900w (600 high Splashback)	18z	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d		
27	Prep Bench - Cooking x 2900w (300 high Splashback)	19a	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d		
28	Prep Bench - Cooking x 2900w (300 high Splashback)	19b	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d		
29	Shelving 4 Tier Post Style with Wire Grid Shelves 1800h x 1500w x 600d	19c	Shelving 3 Tier MANTOVA Post Style with ABS Shelves - 1200h x 1200w x 600d		
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Notes

- Fire fighting equipment supplied & installed by others.
- Freezer & Chillers to comply with NCC G.12

C2 STRUCTURAL NOTES - Minimum Design Criteria

Dead and Live Windloads in accordance with the latest version of AS1170.2
Wind Region: C - Terrain Category: 2
Strength Design Wind Speed: $V_u = 61.2\text{m/s}$ (61)
Serviceability Wind Speed: $V_s = 39.5\text{m/s}$ (39)
Shielding Multiplier: 1.0 Topographic Multiplier: 1.0
Earthquake Loads in accordance with the latest version of AS1170.4

WINDOW SPECIFICATION

ULS (ULTIMATE) - 4.44kPa
SLS (SERVICEABILITY) - 1.33kPa
WATER PENETRATION - 450PA

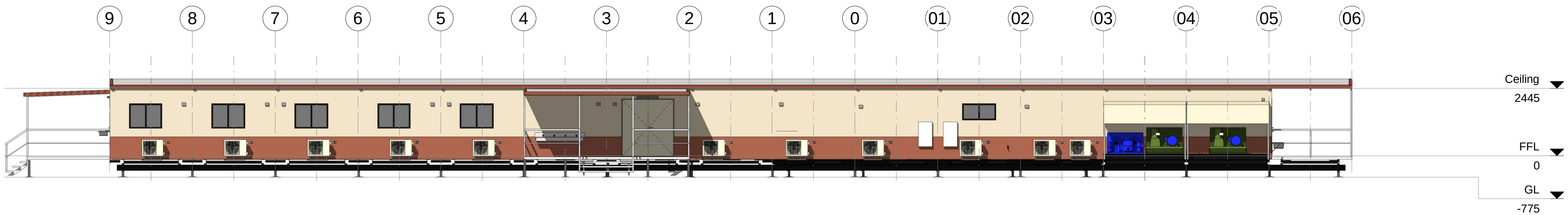
Symbol Legend

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

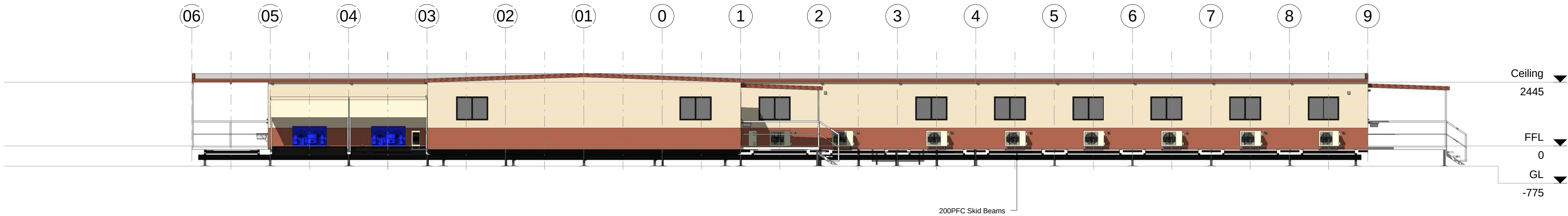
Kitchen Diner - 45.0 x 19.5m

ATCO Structures & Logistics Pty Ltd

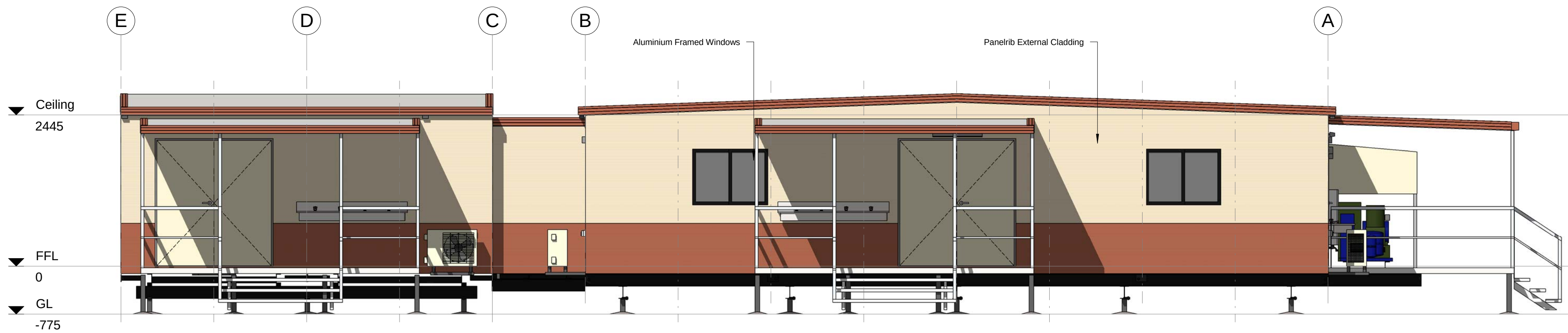
DATE 3



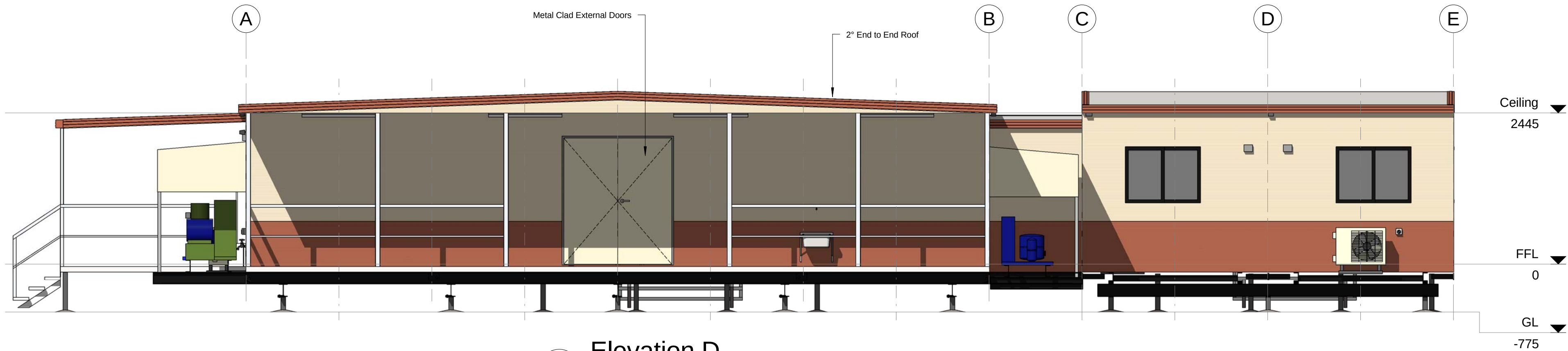
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1 : 100



B Elevation B
1 : 100



1 Elevation C
1 : 50



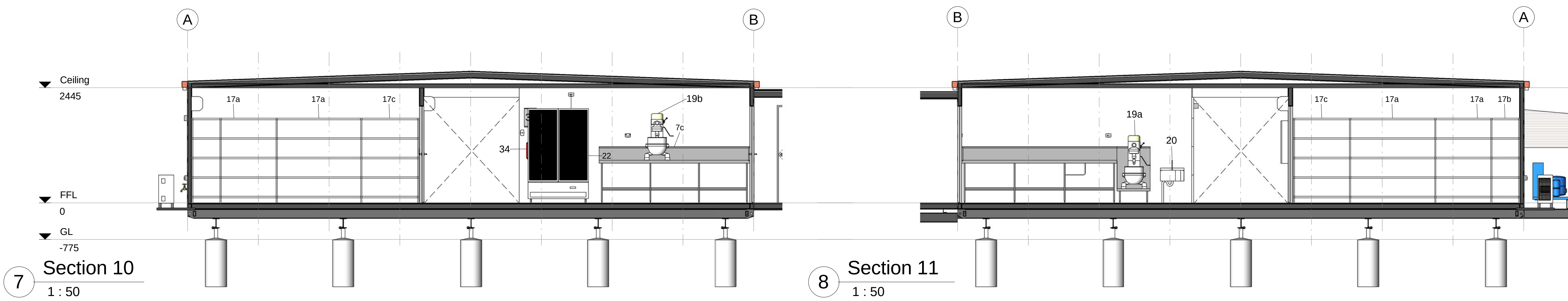
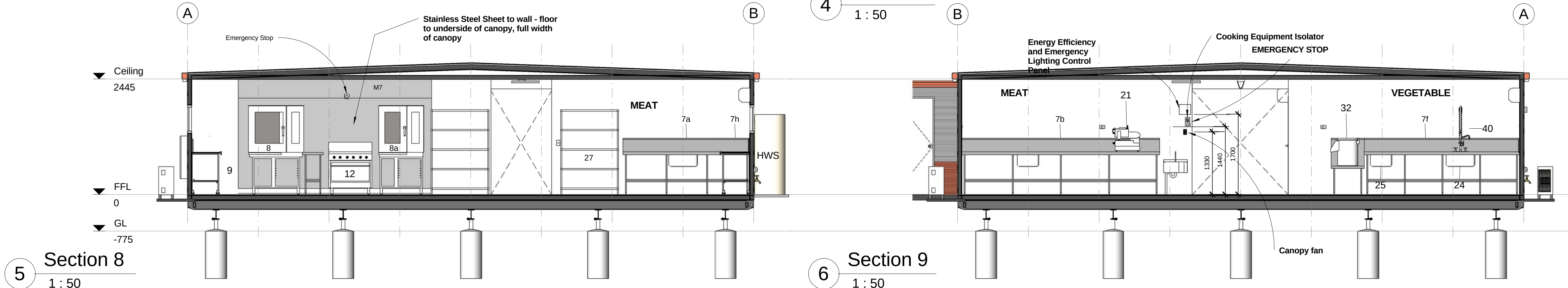
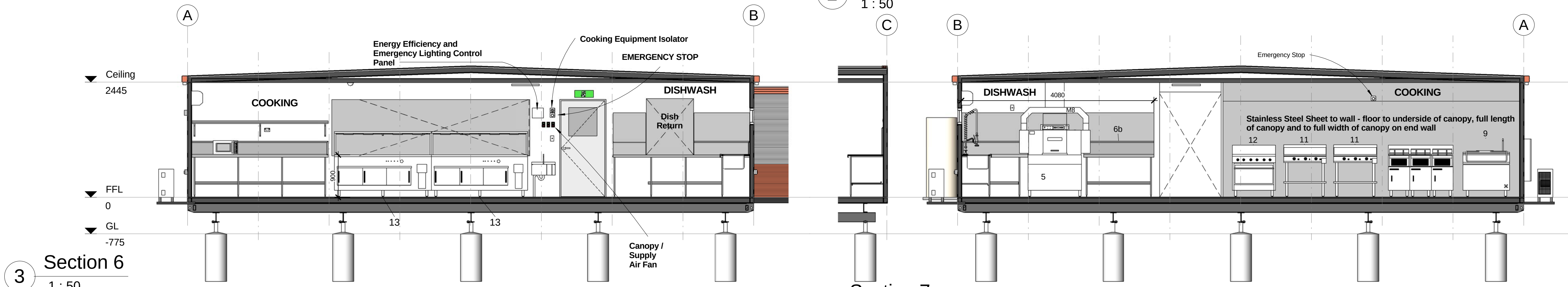
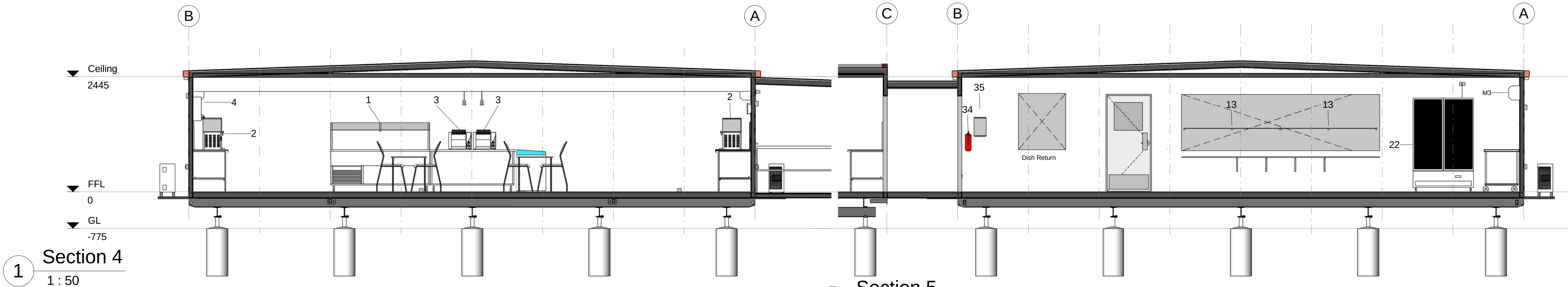
2 Elevation D
1 : 50

Rev	Description	Date	By
A	Issued for Review	03.09.12	RA

Kitchen Diner - 45.0 x 19.5m

ATCO Structures & Logistics Pty Ltd

DATE	31.05.12		
SCALE	As indicated		
DRAWN	RA		
CHECKED	TK		
PROJECT No.			
DESIGN WIND LOAD Reg. C Cat. 2	NCC BUILDING CLASS 6		
TITLE			
Elevations			
DRAWING NUMBER	REVISION	SHEET SIZE	
KD-400-H-C2 -02	A	A1	



Rev	Description	Date	By
A	Issued for Review	03.09.12	RA

Kitchen Diner - 45.0 x 19.5m

ATCO Structures & Logistics Pty Ltd

DATE		31.05.12	
SCALE		1 : 50	
DRAWN		RA	
CHECKED		TK	
PROJECT No.			
DESIGN WIND LOAD Reg. C Cat. 2		NCC BUILDING CLASS 6	
TITLE			
Kitchen Sections			
DRAWING NUMBER KD-400-H-C2 -05		REVISION A	SHEET SIZE A1

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

- Floor Structure Schedule		
Floor Structure		Comments
DECK		
400mm Floor Joist Centres		
Flooring - 19 x 89 Shotledge		
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 Ali. Checker plate.

**COLDROOM FLOOR - 100mm panel type c/w 15mm CFC,
epoxy coated to give a water resistant surface and 3mm Ali.
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 Maxibir - "Headland"	Lower first sheet	
Cladding External - Colorbond Maxibir - "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 Maxibir - "Headland"	Lower first sheet	
Cladding External - Colorbond Maxibir - "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		
Wallboard 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 - 75 x 1.0mm Hi-Ten Truecore		
Lining - 6mm Villaboard	Kitchen Area	

Wall Height
2445

Sales Roof Structure Schedule		
Insulation	Roof Structure	Comments
2 nd 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 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	

No.	Type	Glazing	Height	Sill Height	Quantity	Comments
O2	Window Opening only	Dish Return	1200	900	1	
O3	Window Opening only	Servrey Window	1200	420	1	
W1	Sliding XO	Grey Glass	900	1208	18	
W2	Sliding XO1	Obscure Glass	600	1208	1300	Slipping Sill
W3	Sliding XO...	Obscure Glass	350	1200	1550	1

* Plumbing Fixtures			
No.	Description	Quantity	Comments
	Plumbing - Water Inlet c/w Line Strainer	1	
4	BIRKO 15ltr Autobailer	1	
20	Hand Basin, Stainless Steel - Knee Operated (Hot & Cold)	2	
24	600 x 450 x 380 deep Sink c/w Pot Wash Item 40	3	Hot & Cold
24a	600 x 450 x 380 deep Sink c/w Flickmixer	1	Hot & Cold
25	450 x 450 x 380 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
dp	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	

- Furniture			
No.	Description	Manufacturer	Quantity
17a	Shelving 4 Tier Post Style with Wire Grid Shelves 1800h x 1200w x 600d	MANTOVA	4
17b	Shelving 4 Tier Post Style with Wire Grid Shelves 1800h x 1500w x 600d	MANTOVA	1
17c	Shelving 4 Tier Post Style with Wire Grid Shelves 1800h x 1200w x 600d	MANTOVA	2
18a	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1500w x 600d	MANTOVA	12
18b	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1200w x 600d	MANTOVA	2
18c	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1350w x 600d	MANTOVA	4
18d	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 750w x 600d	MANTOVA	3
18e	Shelving 3 Tier Post Style with ABS Shelves - 1200h x 1200w x 600d		1
18f	Shelving 3 Tier Post Style with ABS Shelves - 1200h x 600w x 600d	MANTOVA	1
18g	Shelving 4 Tier Post Style with ABS Shelves - 1800h x 1200w x 600d	MANTOVA	3
26	Tabular Tray Race x 4200w		1
27	Pot Rack 4 Tier Post Style with Wire Grid Shelves 1800h x 1200w x 600d	MANTOVA	2
30	Steel Framed Stacker Chair		240
31	1800 x 750 Melamine lunch table		40

Stainless Steel Benches		
No.	Description	Quantity
6a	Dish Return c/w Scraps Hole / Chute (1400 x 2825 x 2900) (300 high Splashback with 600 high wall cover)	1
6b	Dishwash Exit 1500 x 700 (300 high Splashback with 600 high wall cover)	1
7a	Prep Bench - Meat 01 x 2700w (300 high Splashback)	1
7b	Prep Bench - Meat 02 x 4200w (300 high Splashback)	1
7c	Prep Bench - Bakery 01 x 3200w (300 high Splashback)	1
7h	Mobile Bench - Meat x 1200w x 750d x 900h (No Splashback)	1
7i	Mobile Bench - Vege x 1200w x 750d x 900h (No Splashback)	1
14	Mobile Bench - Diner x 1800w x 750d x 900h (No Splashback)	5
15b	Beverage Bench x 2900w (600 high Splashback)	6
16	Prep Bench - Cooking x 2900w (300 high Splashback)	1
16a	Prep Bench - Cooking - Shelf x 2900w	1
33	Infill Bench - 450w 750d (300 high Splashback)	1

- Electrical Equipment Schedule				
No.	Description	Manufacturer	Model	Quantity
1	Salad Bar - 6 Mod - Storage Under / Glass Canopy	BRAMS	6 Mod	6
2	Drinks Dispenser - 2 x 12 litre	PROMAC	VL 223	4
3	Conveyor Toaster	ROBAND	TCR15	4
5	Rack - Conveyor Dishwasher	ESWOOD	ES100	1
8	Combi Oven - Electric	BLUESEAL	20 tray - E20CSDW	1
8a	Combi Oven - Electric	BLUESEAL	14 tray - E14CSDW	1
9	Tilting Bratt Pan - Electric - 150 Litre	GOLDSTEIN	TPE-150	1
10	Deep Fryer - Electric - 3 Pan x 32 Litre	GOLDSTEIN	FRE-18L - 3 Pan	1
11	Griddle - Electric	GOLDSTEIN	GPEDB-36 & SB36	2
12	Range - Electric - 6 Element	GOLDSTEIN	PE-6R-28	2
13	Hot Bain Marie - 6 Mod - Heated Storage Under / Sneeze Guard	BRAMS	6 Mod	2
19a	Planetary Mixer - 40 litre	PARAMOUNT	BM40AT3P	1
19b	Planetary Mixer - 20 litre	PARAMOUNT	BM 20AT	1
21	Semi Automatic Slicer	BRICE	GL Matic	1
22	Two Glass Door Chiller - 1120 Litres	SKOPE	B1200-2	4
32	Bench Mounted Potato Peeler	SAMMIC	M10	1
36	Ice Cream Freezer - 183 Litre	BAKER	GLOBO	2
41	Microwave	BONN	MV 1000	1
BUG	Electronic Bug Killer - 2 x 20W	INSECT-O-CUTOR	14614	5

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	Quantity
1x36W Fluro - IP65	12
2x36W Fluro & Diffuser	62
Exit - Ceiling Mount	4
Exit - Ceiling Mount Directional	2
Exit - Wall Mount	1
Single Vandalite - Wall Mounted	2
Spitfire 10W - Emergency Light - Battery Backup	10
Switch - IPX5	2
Switch - Std	12

- Fire Services Schedule		
No.	Description	Quantity
34	9.0Kg Fire Extinguisher - AB(E)	3
35	Fire Blanket	3

- Electrical Fixtures	
Description	Quantity
1x10amp GPO	6
1x10amp GPO - Ceiling Mounted	5
1x10amp GPO - Floor Mounted	7
1x10amp GPO - Suspended	2
1x15amp GPO	9
1x15amp GPO - Suspended	2
1x15amp GPO AC	6
1x20amp 300 Point	1
2x10amp GPO	27
Emergency Stop	2
Emergency Stop on Canopy	2
Energy Efficiency and Emergency Lighting Control Panel (HAGER)	2
Isolation Switch - AC	23
Isolation Switch - HWS	2
Mains Switchboard	4
On-Off Switch	4
Photo Electric Cell	3
POE	4
Switchboard	11

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

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

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BY
SCI-QUAL INTERNATIONAL REGN No. 531

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

Handrail Schedule
Twin Rail Horizontal Handrails - as shown on floor plan

[illegible]

Kitchen Diner - 45.0 x 19.5m

ATCO Structures & Logistics Pty Ltd

DATE	31.05.12		
SCALE			
DRAWN	RA		
CHECKED	TK		
PROJECT No.			
DESIGN WIND LOAD Reg. C Cat. 2	NCC BUILDING CLASS 6		
TITLE			
Sales Schedules			
DRAWING NUMBER	REVISION	SHEET SIZE	
KD-040-H-C2 -07	A	A1	



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

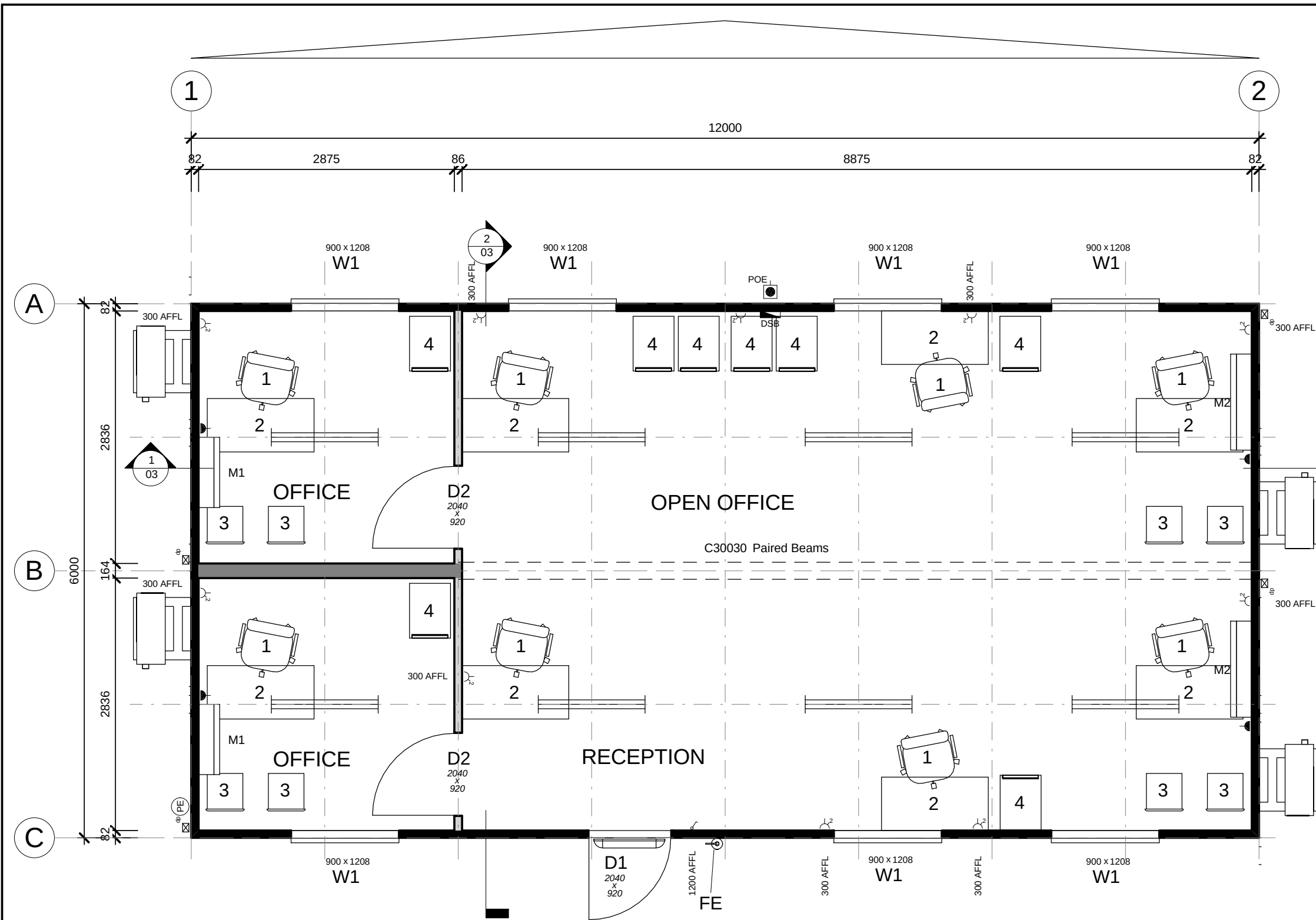
120842G
Adani Mining Pty. Ltd.
Carmichael
QLD

12.0 x 6.0m Office



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E-mail: atcosales@atcosl.com.au

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



1 Floor Plan
1 : 50

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 920 External Door - Standard : Hollow Core MC
D2 2040 x 920 Internal Door - Standard : Hollow Core

- W1 900 x 1208 Sliding Glass Window - Grey Glass

- M1 2.66kW R/C Split System Air Conditioner
M2 5.05kW R/C Split System Air Conditioner

ALL FURNITURE OPTIONED

- 1 Swivel Chair
2 1200 x 600 Desk c/w Drawer
3 PVC Stacker chair
4 4 Drawer Filing Cabinet - By Others
dp Dropper only, for 100 x 75mm Downpipe
FE Fire Extinguisher 9.0kg - AB(E)

Symbol Legend

- DSB Distribution Switchboard
POE - Point Of Entry
Light switch
Two-way light switch
Light switch - IPX5 rated
Isolation Switch
10amp Single GPO
10amp Double GPO
15amp Single GPO.
10amp GPO - IPX5 rated
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
Emergency exit light
Oyster Light - 11W Round Fluro
External light
18W Single Vandalite
Oyster light
Photo electric light switch
Spot light
PLUMBING - Water Inlet Point
PLUMBING - Waste Manifold Outlet Point

Rev	Description	Date	By

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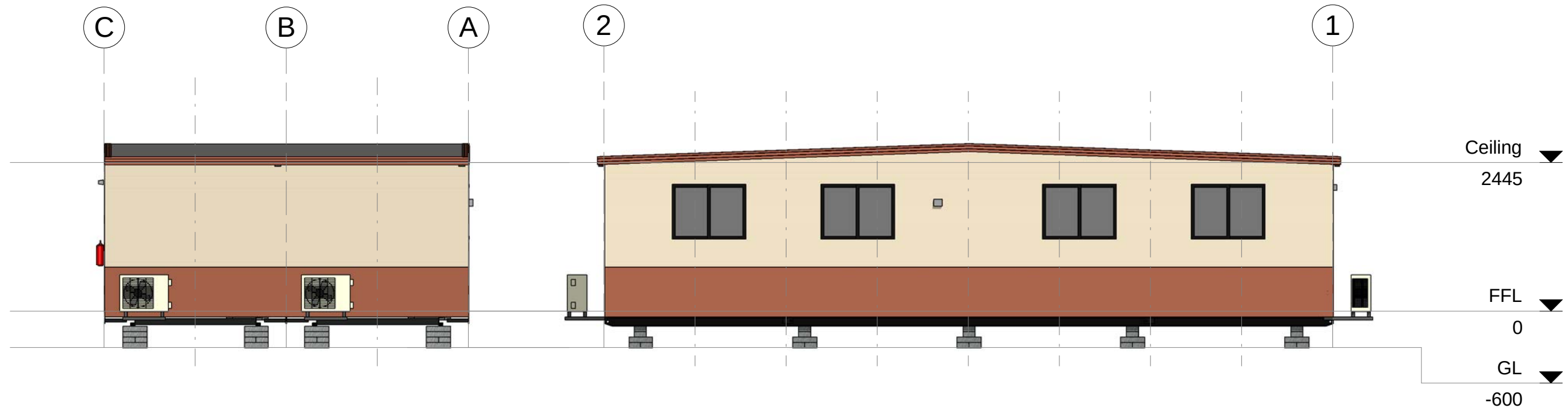
PROJECT No.
12.0 x 6.0m Office
Adani Mining Pty. Ltd.
Carmichael
QLD

DATE	21.08.12
SCALE	1 : 50
DRAWN	RA
CHECKED	TK

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E-mail: atcosales@atcosl.com.au
PHONE: (07) 3412 8600
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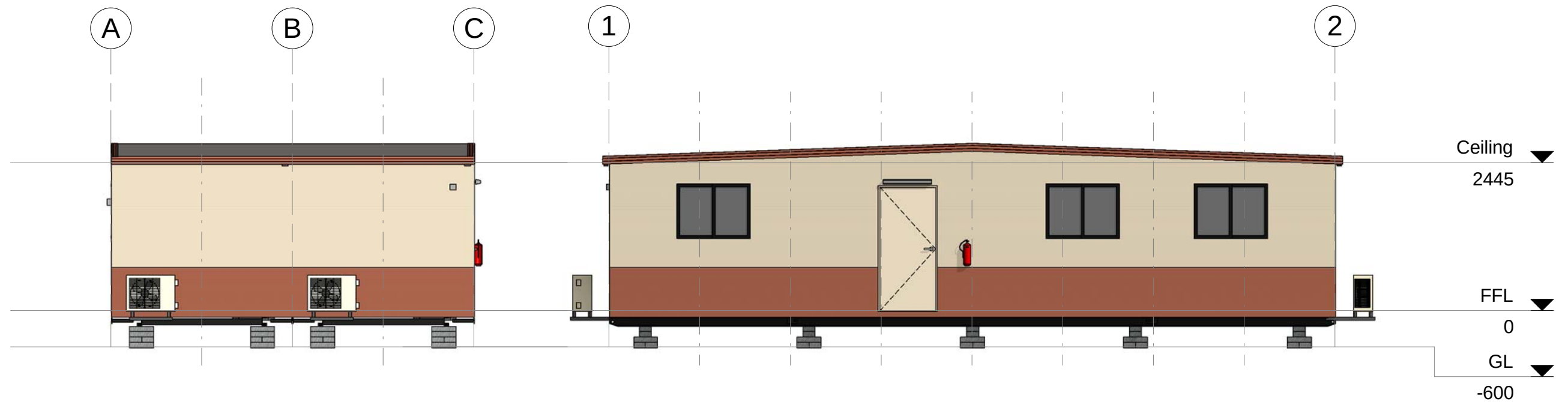
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DRAWING NUMBER	120842G -01	NCC BUILDING CLASS	5
		REVISION	SHEET SIZE
			A3

22/08/2012 2:05:21 PM



2 Elevation C
1 : 75

A Elevation A
1 : 75



1 Elevation D
1 : 75

B Elevation B
1 : 75

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							12.0 x 6.0m Office	SCALE		1 : 75	Elevations	C2
							Adani Mining Pty. Ltd.	DRAWN		RA	DRAWING NUMBER	NCC BUILDING CLASS
							Carmichael	CHECKED		TK	120842G -02	5
							QLD					REVISION
											A3	

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

- 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 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	

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

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	

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

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

Lighting Fixtures	
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

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REGN No. 531

PROJECT No.

12.0 x 6.0m Office
Adani Mining Pty. Ltd.
Carmichael
QLD

DATE	21.08.12
SCALE	
DRAWN	RA
CHECKED	TK



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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

DRAWING NUMBER
120842G -06

DESIGN WIND LOAD	C2
NCC BUILDING CLASS	5
REVISION	SHEET SIZE
	A3



View indicative only

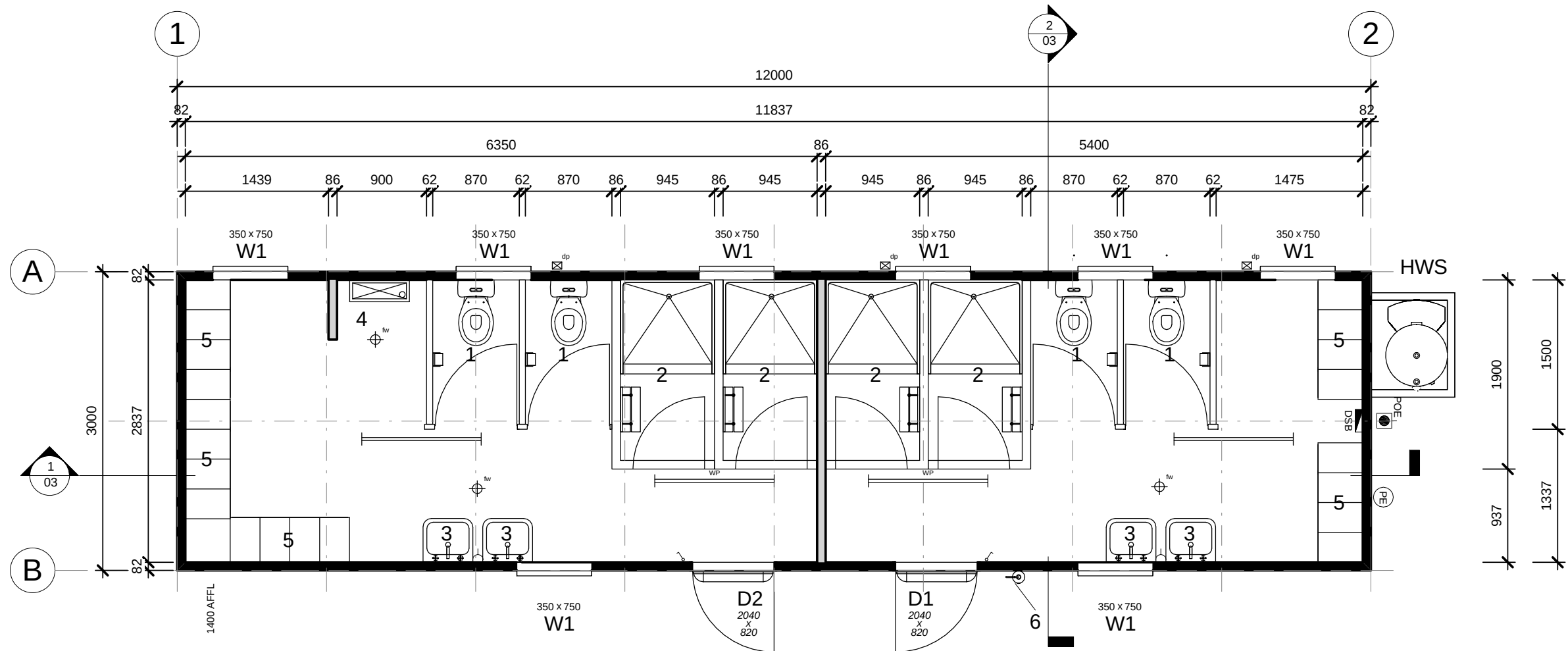
- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
05	Sales Schedules	

120842H
 Adani Mining Pty. Ltd.
 Carmichael Project
 QLD
 12.0 x 3.0m Ablution Block



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 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



Notes

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- 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

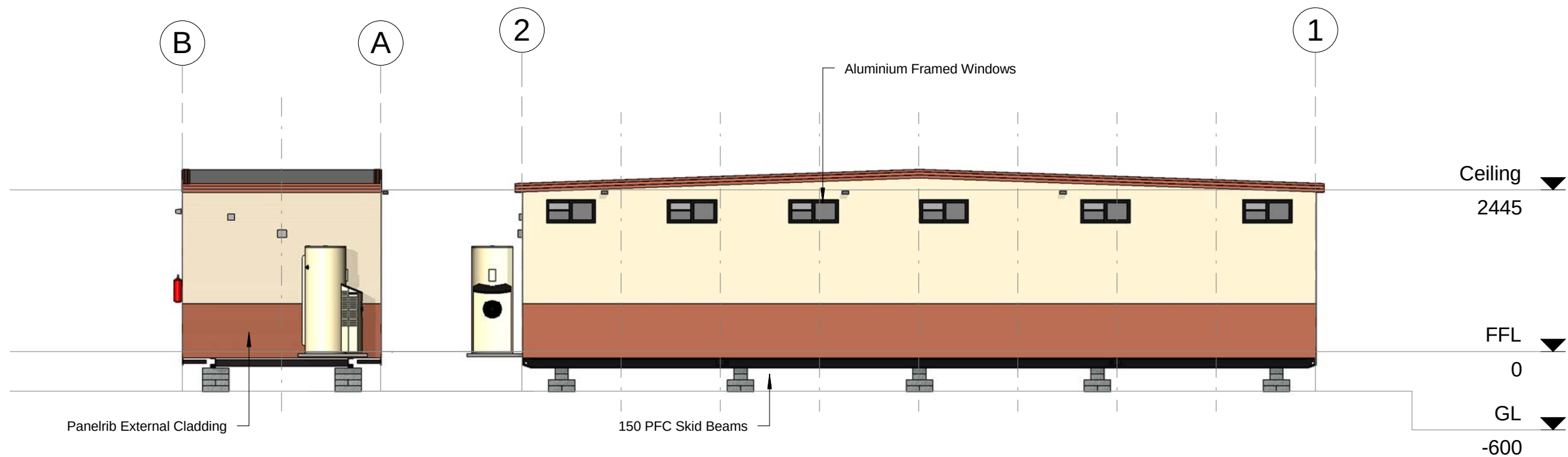
1	WC Cubicle c/w toilet roll holder
2	Shower enclosure c/w bench seat & coat hooks
3	S/S Handbasin c/w mirror over
4	600mm Wall mounted S/S urinal
5	Locker - 4 Bank 300 Wide - 1 Tier
6	9.0Kg Fire Extinguisher - AB(E)
dp	Dropper only, for 100 x 75mm Downpipe
fw	Floor Waste
HWS	Rheem Heat Pump 325 Litre/6kW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

OPTIONAL

Symbol Legend

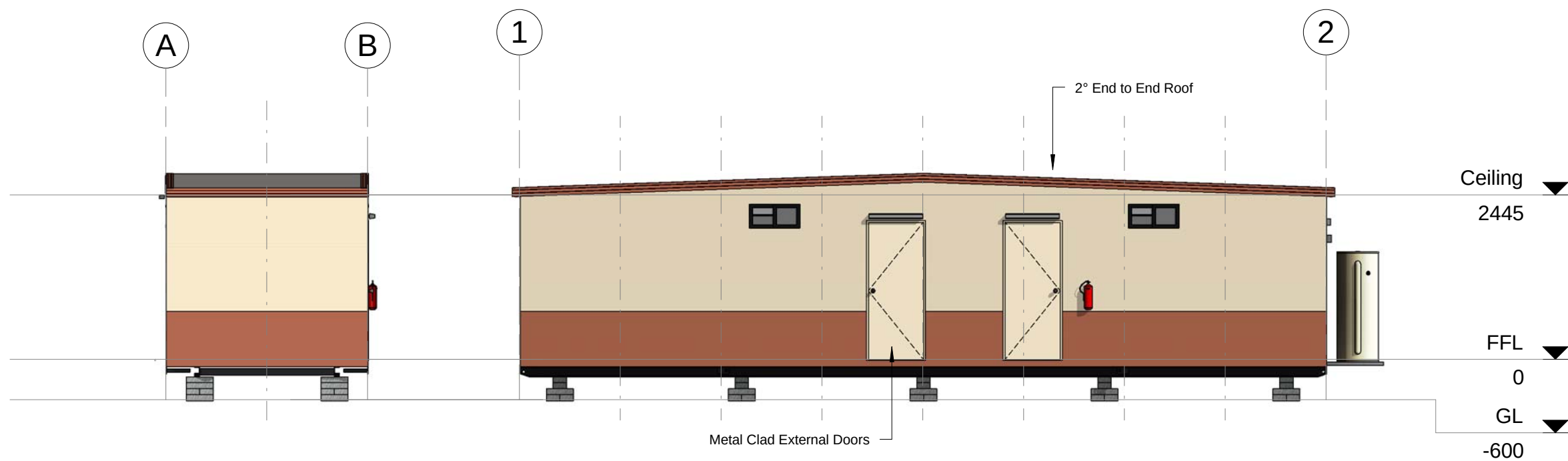
	Distribution Switchboard		Comms. - Draw wire only
	POE - Point Of Entry		'F' Type television outlet
	Light switch		240V Smoke detector
	Two-way light switch		36w Single fluorescent light
	Light switch - IPX5 rated		36w Double fluorescent light
	Isolation Switch		36w Emergency back-up fluorescent light
	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	SCALE	1 : 50		Floor Plan	C2
						Adani Mining Pty. Ltd.	DRAWN	RA		DRAWING NUMBER	NCC BUILDING CLASS
						Carmichael Project	CHECKED	TK		120842H -01	10a
						QLD					REVISION
											A3



2 Elevation C
1 : 75

A Elevation A
1 : 75



1 Elevation D
1 : 75

B Elevation B
1 : 75

Rev	Description	Date	By

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BY
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INTERNATIONAL
REGN No. 531

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

ATCO Structures & Logistics

ATCO STRUCTURES & LOGISTICS PTY. LTD.
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E-mail: atcosales@atcosl.com.au

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

TITLE Elevations	DESIGN WIND LOAD C2
DRAWING NUMBER 120842H -02	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

- 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	

- 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	

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	820	Standard	Entrance	No	No	Yes	No		1	
D2	Standard : Hollow Core MC	2040	820	Standard	Entrance	No	No	Yes	No		1	

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

* 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	

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

- Fire Services Schedule		
No.	Description	Quantity
6	9.0Kg Fire Extinguisher - AB(E)	1

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

OPTIONAL

Wall Height
2445

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						12.0 x 3.0m Ablution Block	SCALE			Sales Schedules	NCC BUILDING CLASS	
						Adani Mining Pty. Ltd.	DRAWN	RA		DRAWING NUMBER	10a	
						Carmichael Project	CHECKED	TK		120842H -05	REVISION	SHEET SIZE
						QLD					A3	



View indicative only

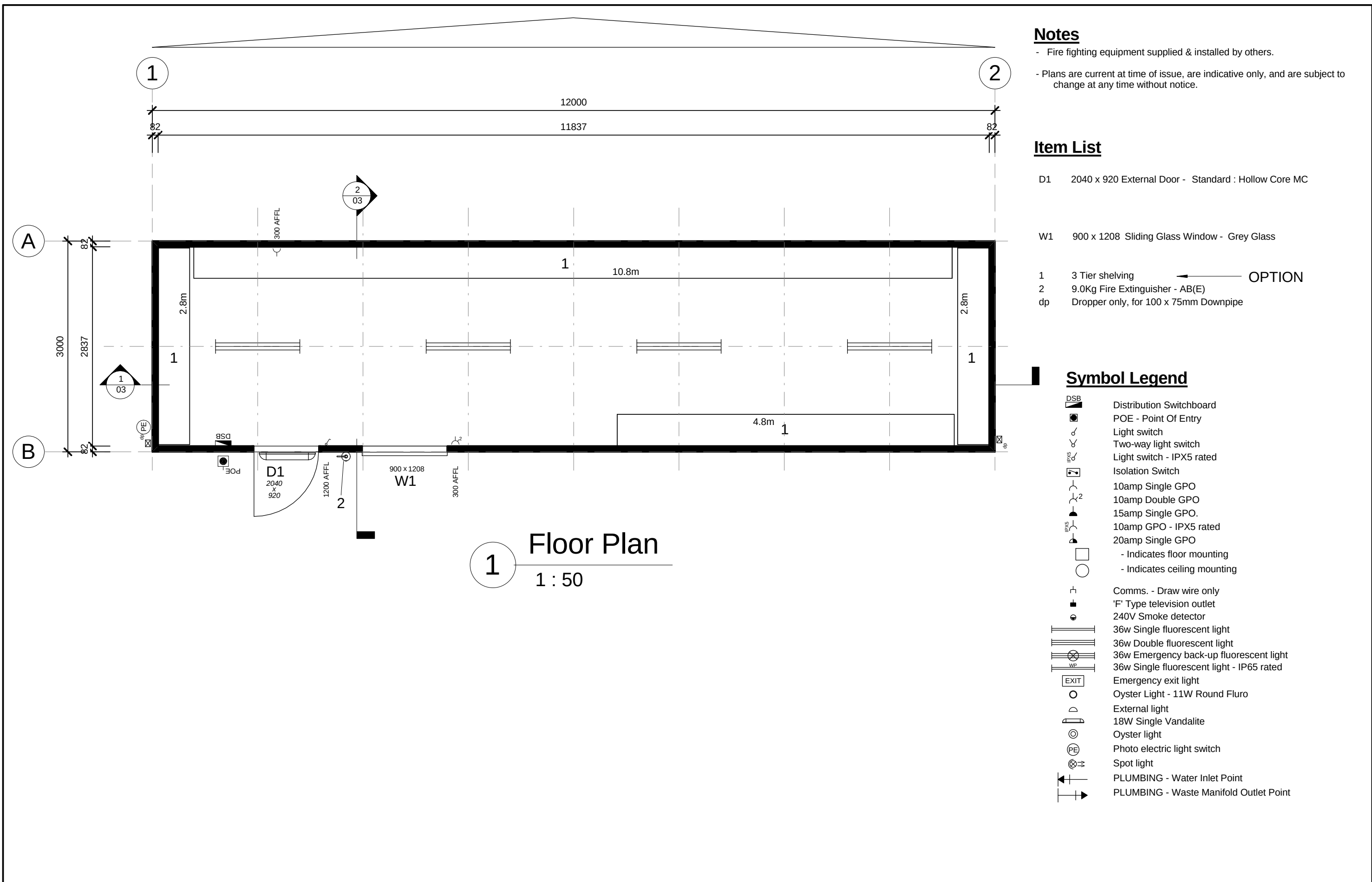
- Drawing List		
Sheet Number	Sheet Name	Current Revision
00	Title Page	
01	Floor Plan	
02	Elevations	
06	Sales Schedules	

120842J
 Adani Mining Pty. Ltd.
 Carmichael Project
 QLD
 12.0 x 3.0m Linen Store



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 E-mail: atcosales@atcosl.com.au

PHONE: (07) 3412 8600
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 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.

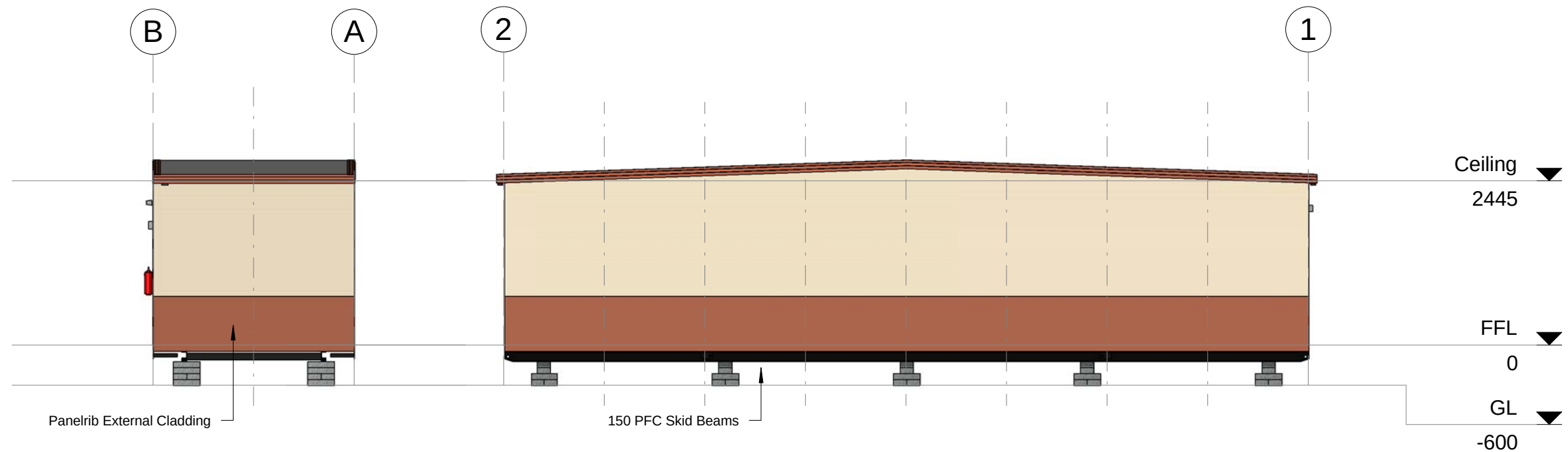
Item List

- D1 2040 x 920 External Door - Standard : Hollow Core MC
- W1 900 x 1208 Sliding Glass Window - Grey Glass
- 1 3 Tier shelving OPTION
2 9.0Kg Fire Extinguisher - AB(E)
dp Dropper only, for 100 x 75mm Downpipe

Symbol Legend

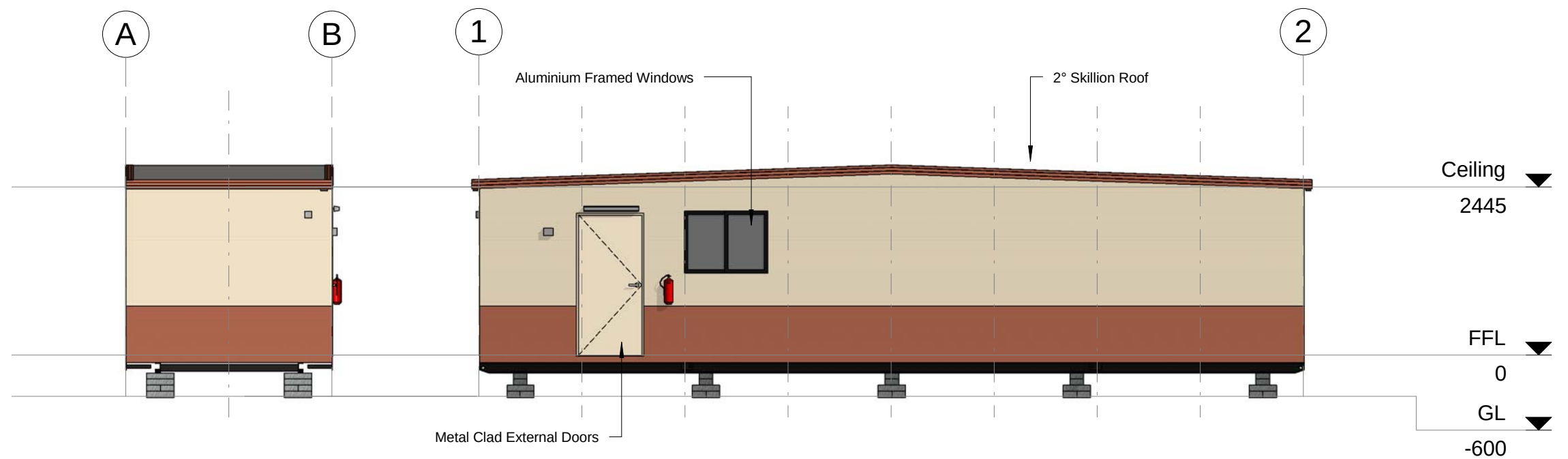
- DSB Distribution Switchboard
POE - Point Of Entry
Light switch
Two-way light switch
Light switch - IPX5 rated
Isolation Switch
10amp Single GPO
10amp Double GPO
15amp Single GPO.
10amp GPO - IPX5 rated
20amp Single GPO
- Indicates floor mounting
- Indicates ceiling mounting
- Comms. - Draw wire only
'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
Emergency exit light
Oyster Light - 11W Round Fluro
External light
18W Single Vandalite
Oyster light
Photo electric light switch
Spot light
PLUMBING - Water Inlet Point
PLUMBING - Waste Manifold Outlet Point

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							12.0 x 3.0m Linen Store Adani Mining Pty. Ltd. Carmichael Project QLD	SCALE		1 : 50	Floor Plan	C2
								DRAWN		RA	DRAWING NUMBER	NCC BUILDING CLASS
								CHECKED		TK	120842J -01	10a
												REVISION
										A3		



Elevation C
1 : 75

Elevation A
1 : 75



Elevation D
1 : 75

Elevation B
1 : 75

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						12.0 x 3.0m Linen Store	SCALE	1 : 75		Elevations	C2
						Adani Mining Pty. Ltd.	DRAWN	RA		DRAWING NUMBER	NCC BUILDING CLASS
						Carmichael Project	CHECKED	TK		120842J -02	10a
						QLD					REVISION
											A3

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

- 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	

- 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	

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

Sales Window Schedule							
No.	Type	Glazing	Height	Width	Sill Height	Quantity	Comments
W1	Sliding XO	Grey Glass	900	1208	1200	1	c/w Curtains

OPTION

* 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

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

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

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

OPTION

Wall Height

2445

Rev	Description	Date	By

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INTERNATIONAL
REGN No. 531

PROJECT No.

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

DATE	20.08.12
SCALE	
DRAWN	RA
CHECKED	TK

ATCO Structures & Logistics

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P.O. BOX 1171, BROWNS PLAINS BC, QLD 4118
E-mail: atcosales@atcosl.com.au
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FAX: (07) 3803 0175
ABN: 71 083 902 309

TITLE

Sales Schedules

DRAWING NUMBER

120842J -06

DESIGN WIND LOAD

C2

NCC BUILDING CLASS

10a

REVISION

SHEET SIZE

A3

22/08/2012 1:13:07 PM



- 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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- 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.

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 EMBCF 60 - Mains Connected |
| 3 | 1800 x 900 Mirror |
| dp | Dropper only, for 100 x 75mm Downpipe |

 DSB
 POE - Point Of Entry
 Light switch
 Two-way light switch
 Light switch - IPX5 rated
 Isolation Switch
 10amp Single GPO
 10amp Double GPO
 15amp Single GPO.
 10amp GPO - IPX5 rated
 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
 Emergency exit light
 Oyster Light - 11W Round Fluro
 External light
 18W Single Vandalite
 Oyster light
 Photo electric light switch
 Spot light
 PLUMBING - Water Inlet Point
 PLUMBING - Waste Manifold Outlet Point

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 Dumbell 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

Rev	Description	Date	By

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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

ATCO Structures & Logistics

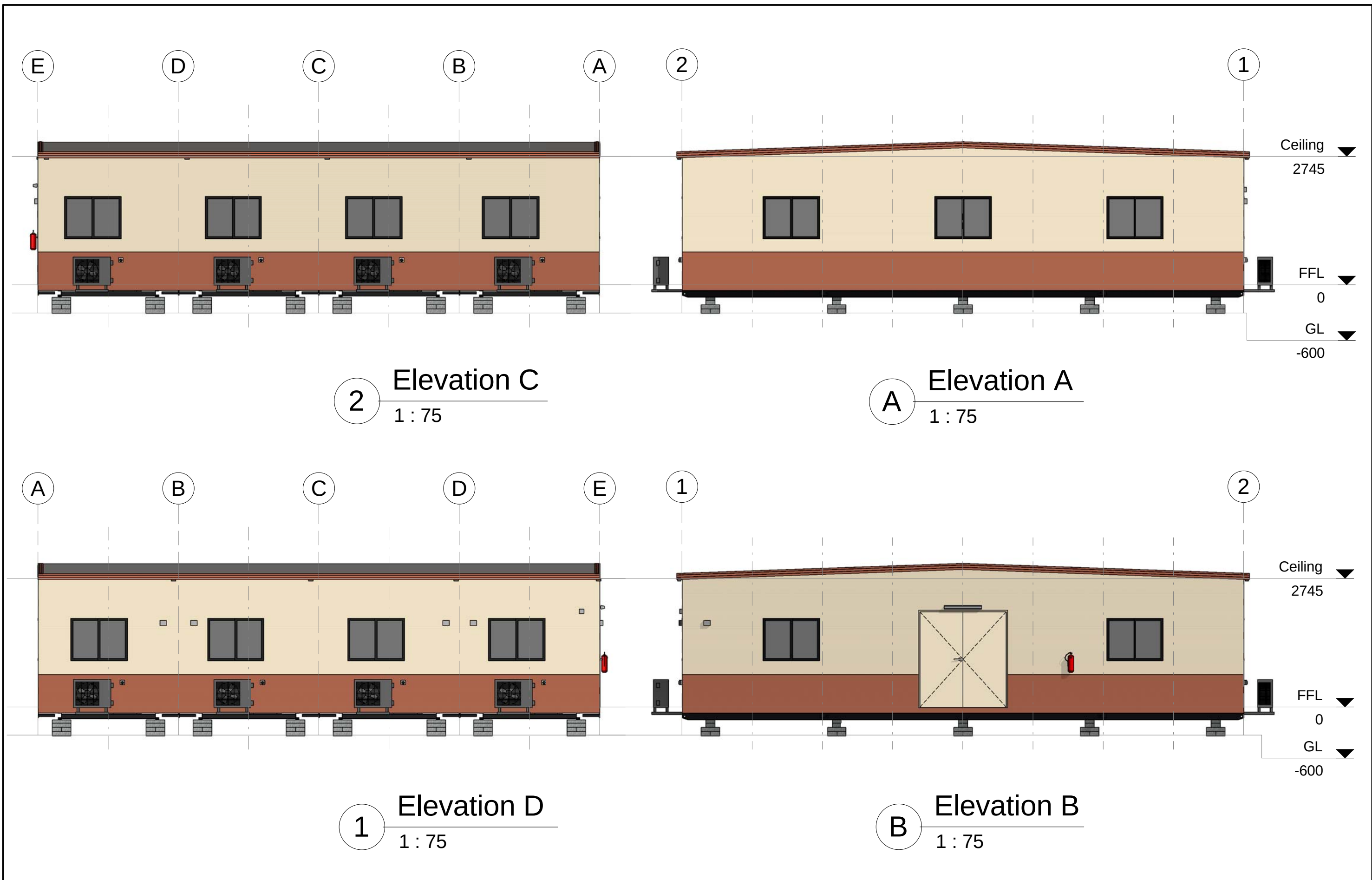
ATCO STRUCTURES & LOGISTICS PTY. LTD. PHONE: (07) 3412 8600
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TITLE	Floor Plan
-------	------------

DRAWING NUMBER

WGM-1212-H-C2 -01

DESIGN WIND LOAD C2	
NCC BUILDING CLASS 9b	
REVISION	SHEET SIZE A3



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										SCALE	1 : 75			DRAWING NUMBER WGM-1212-H-C2 -02		NCC BUILDING CLASS 9b
										DRAWN	RA			REVISION	SHEET SIZE A3	
										CHECKED	TK					

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 300mm Floor Joist Centres	
Covering - Planet Supreme Direct Stick Carpet	
Flooring - 17mm F11 T&G Plywood	Two Layers
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	

Wall Height
2745

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		1	E/E Seals and Closer to each leaf.

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

* 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

- Electrical Fixtures	
Description	Quantity
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

Lighting Fixtures	Quantity
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 Dumbell 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

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						12.0 x 12.0m Gymnasium	SCALE			Sales Schedules	C2
						ATCO Structures & Logistics Pty. Ltd.	DRAWN	RA		DRAWING NUMBER	NCC BUILDING CLASS
						QLD	CHECKED	TK		WGM-1212-H-C2 -06	9b
											REVISION
											A3



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

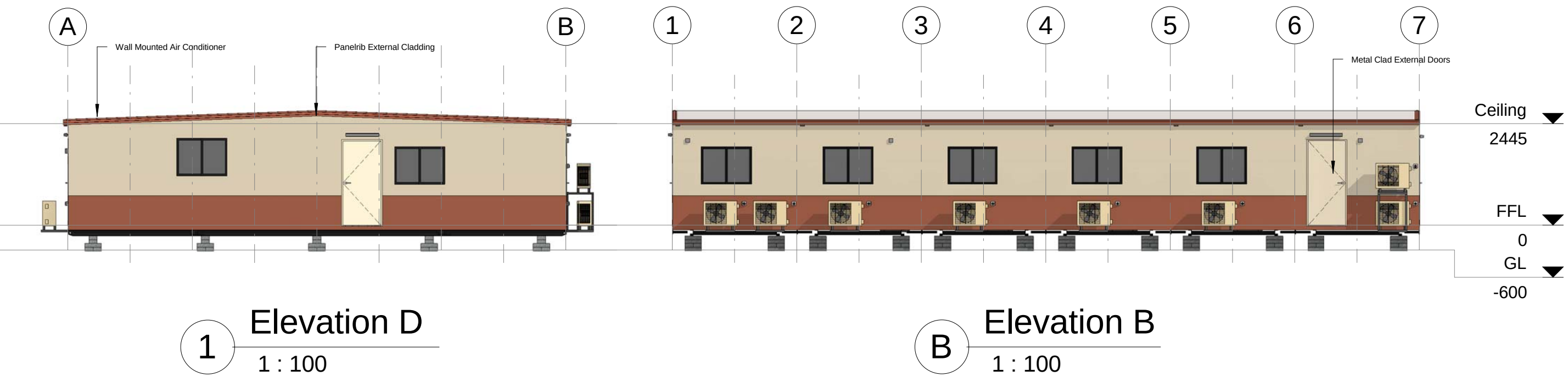
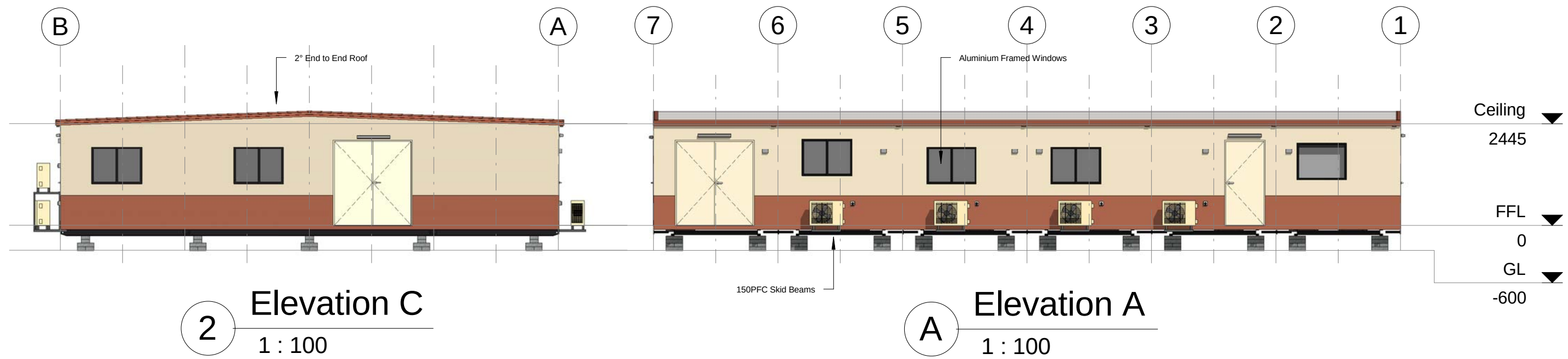
WRC-1812-H-C2
 ATCO Structures & Logistics Pty. Ltd.
 QLD

18.0 x 12.0m Recreation Centre



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



Rev	Description	Date	By

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AS/NZS ISO
9001:2008
BY
SCI-QUAL
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

ATCO Structures & Logistics

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ABN: 71 083 902 309

TITLE Elevations		DESIGN WIND LOAD C2	
DRAWING NUMBER WRC-1812-H-C2 -02		NCC BUILDING CLASS 9b	
REVISION	SHEET SIZE	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 Autoboiiler	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	

- Furniture			
No.	Description	Quantity	Comments
4	Lounge Chair	10	
5	PVC Stacker chair	60	
6	1200 Dia. Melamine table	14	
14	Dart Board	2	
15	Pool table c/w Cue Rack & pool Cues	2	
18	600mm (W) Melamine benchtop c/w steel legs	1	5875 long

- Cupboards			
No.	Description	Quantity	Comments
10a	600mm Wide Laminated benchtop c/w cupboards x 2400. c/w 600 high SS Splashback	1	
10b	600mm Wide Laminated benchtop c/w cupboards x 1800. c/w 600 high SS Splashback	1	
13	600mm Wide Laminated benchtop c/w cupboards & 2 sets of drawers.	1	Leg 1650 & Leg 4600

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

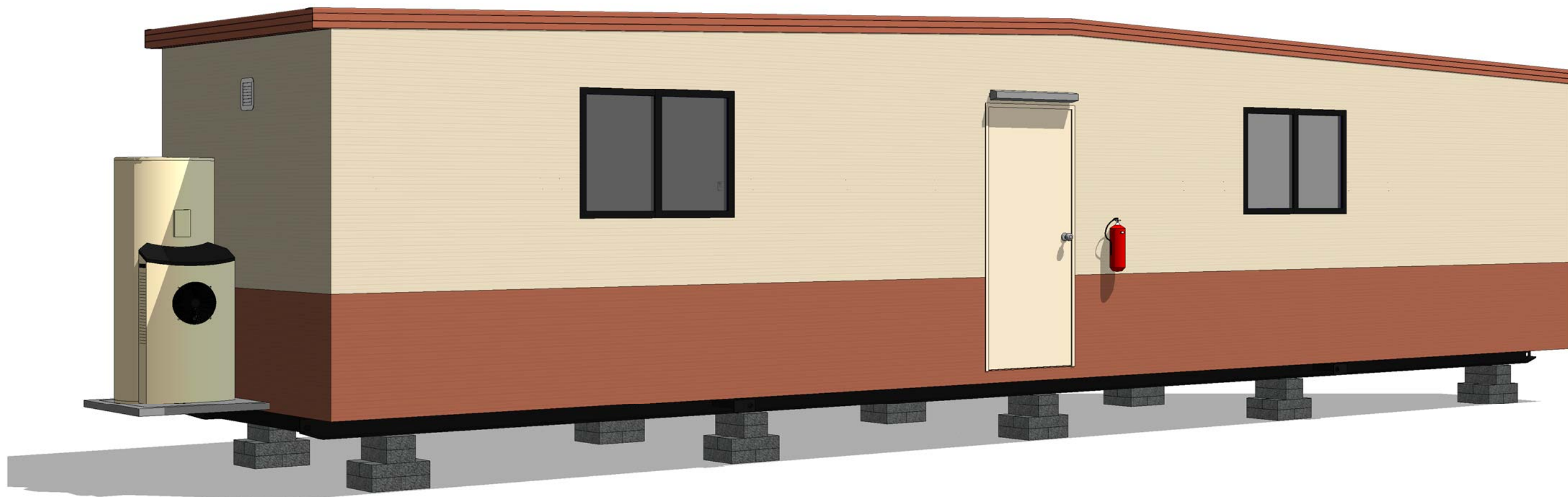
Lighting Fixtures		Quantity
2x36W Fluro - Bare		24
Dart Board Light		2
Exit - Ceiling Mount		3
Pool Table Light - Ceiling Mounted		2
Single Vandalite - Wall Mounted2		5
Switch - Std		6

- 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	

Rev	Description	Date	By

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		18.0 x 12.0m Recreation Centre ATCO Structures & Logistics Pty. Ltd. QLD	SCALE			Sales Schedules	C2
			DRAWN	RA		DRAWING NUMBER	NCC BUILDING CLASS
			CHECKED	TK			9b
			WRC-1812-H-C2 -06				REVISION
				A3			



View indicative only

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

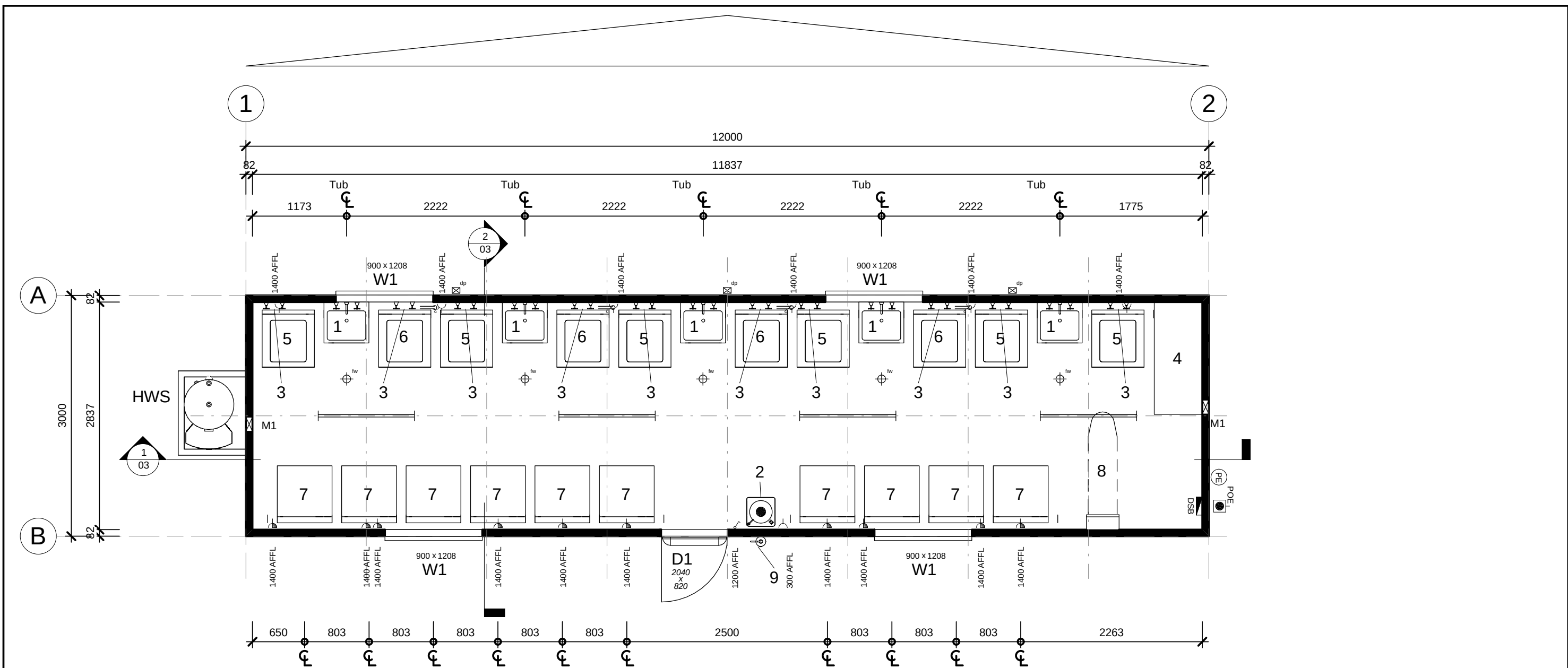
120842D
Adani Mining Pty. Ltd.
Carmichael Project
QLD

12.0 x 3.0m Laundry

ATCO Structures
& Logistics

ATCO STRUCTURES & LOGISTICS PTY. LTD.
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E-mail: atcosales@atcosl.com.au

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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

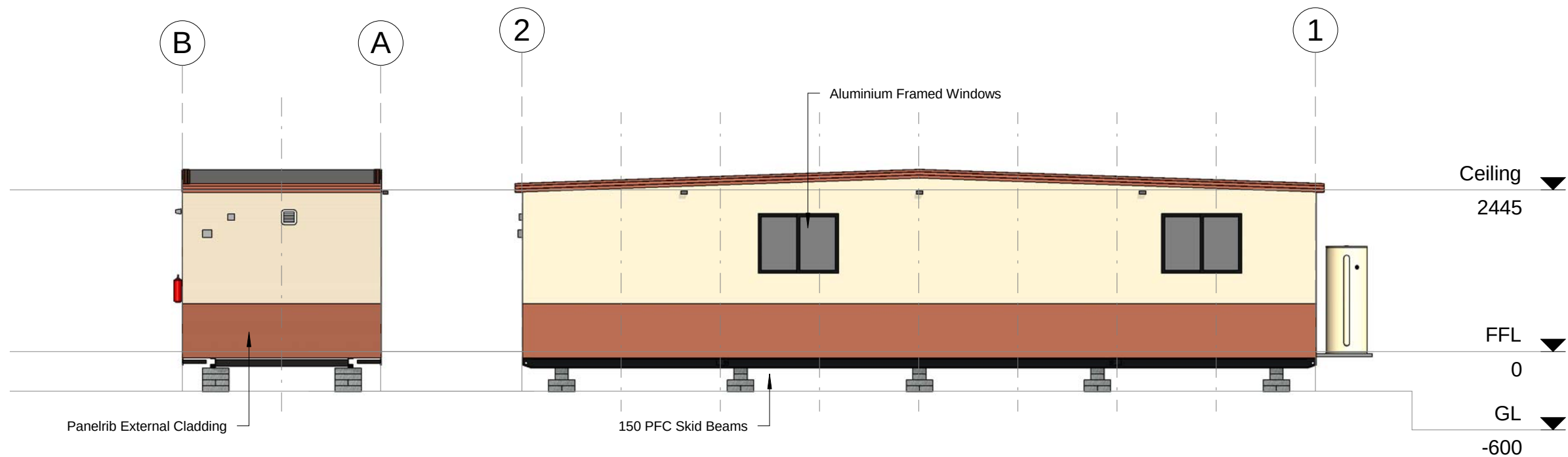
- D1 2040 x 820 External Door - Standard : Hollow Core MC
- W1 900 x 1208 Sliding Glass Window - Grey Glass
- M1 Wall Mounted Exhaust Fan

- 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

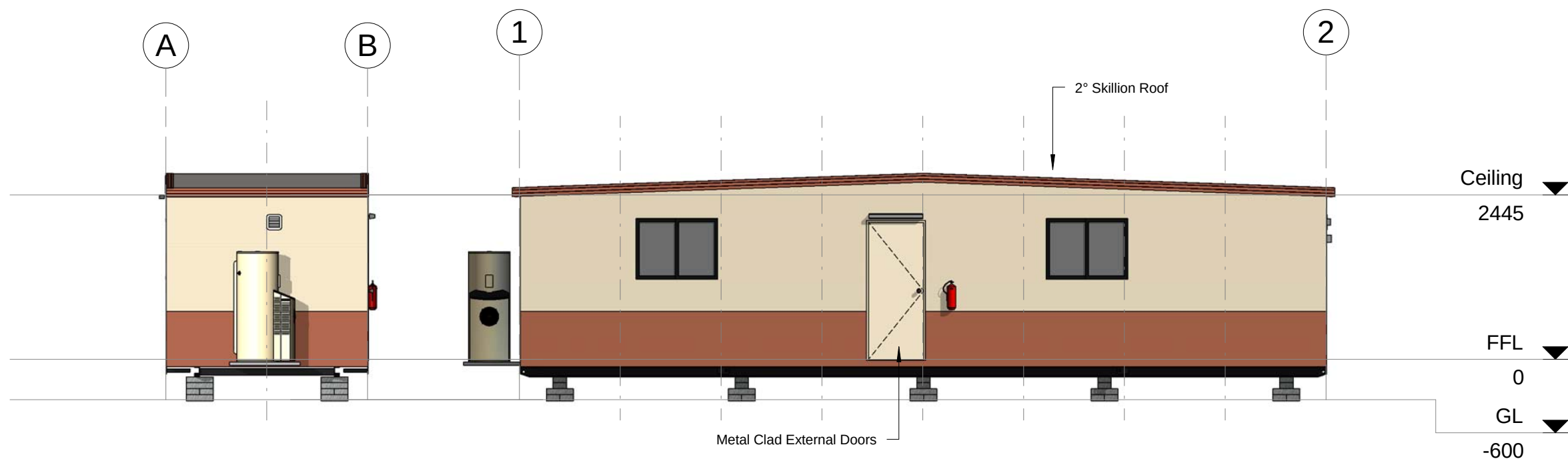
- DSB Distribution Switchboard
- POE - Point Of Entry
- Light switch
- Two-way light switch
- Light switch - IPX5 rated
- Isolation Switch
- 10amp Single GPO
- 10amp Double GPO
- 15amp Single GPO.
- 10amp GPO - IPX5 rated
- 20amp Single GPO
- Indicates floor mounting
- Indicates ceiling mounting
- Comms. - 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
- Emergency exit light
- Oyster Light - 11W Round Fluro
- External light
- 18W Single Vandalite
- Oyster light
- Photo electric light switch
- 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	21.08.12	 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	DESIGN WIND LOAD		
							12.0 x 3.0m Laundry Adani Mining Pty. Ltd. Carmichael Project QLD	SCALE		1 : 50	Floor Plan	NCC BUILDING CLASS	
								DRAWN		RA	DRAWING NUMBER	10a	
								CHECKED		TK	120842D -01	REVISION	SHEET SIZE



2 Elevation C
1 : 75

A Elevation A
1 : 75



1 Elevation D
1 : 75

B Elevation B
1 : 75

Rev	Description	Date	By

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INTERNATIONAL
REGN No. 531

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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E-mail: atcosales@atcosl.com.au

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

TITLE Elevations	DESIGN WIND LOAD C2
DRAWING NUMBER 120842D -02	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

- 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	

- 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

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	820	Standard	Entrance	No	No	Yes	No		1	

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

* 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 OPTION
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

- Furniture			
No.	Description	Quantity	Comments
4	1400 x 600 Melamine Table c/w Legs	1	OPTION

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

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

- Fire Services Schedule		
No.	Description	Quantity
9	9.0Kg Fire Extinguisher - AB(E)	1

Rev	Description	Date	By

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REGN No. 531

PROJECT No.

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

DATE

21.08.12

SCALE

DRAWN

RA

CHECKED

TK

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

TITLE

Sales Schedules

DRAWING NUMBER

120842D -05

DESIGN WIND LOAD

C2

NCC BUILDING CLASS

10a

REVISION

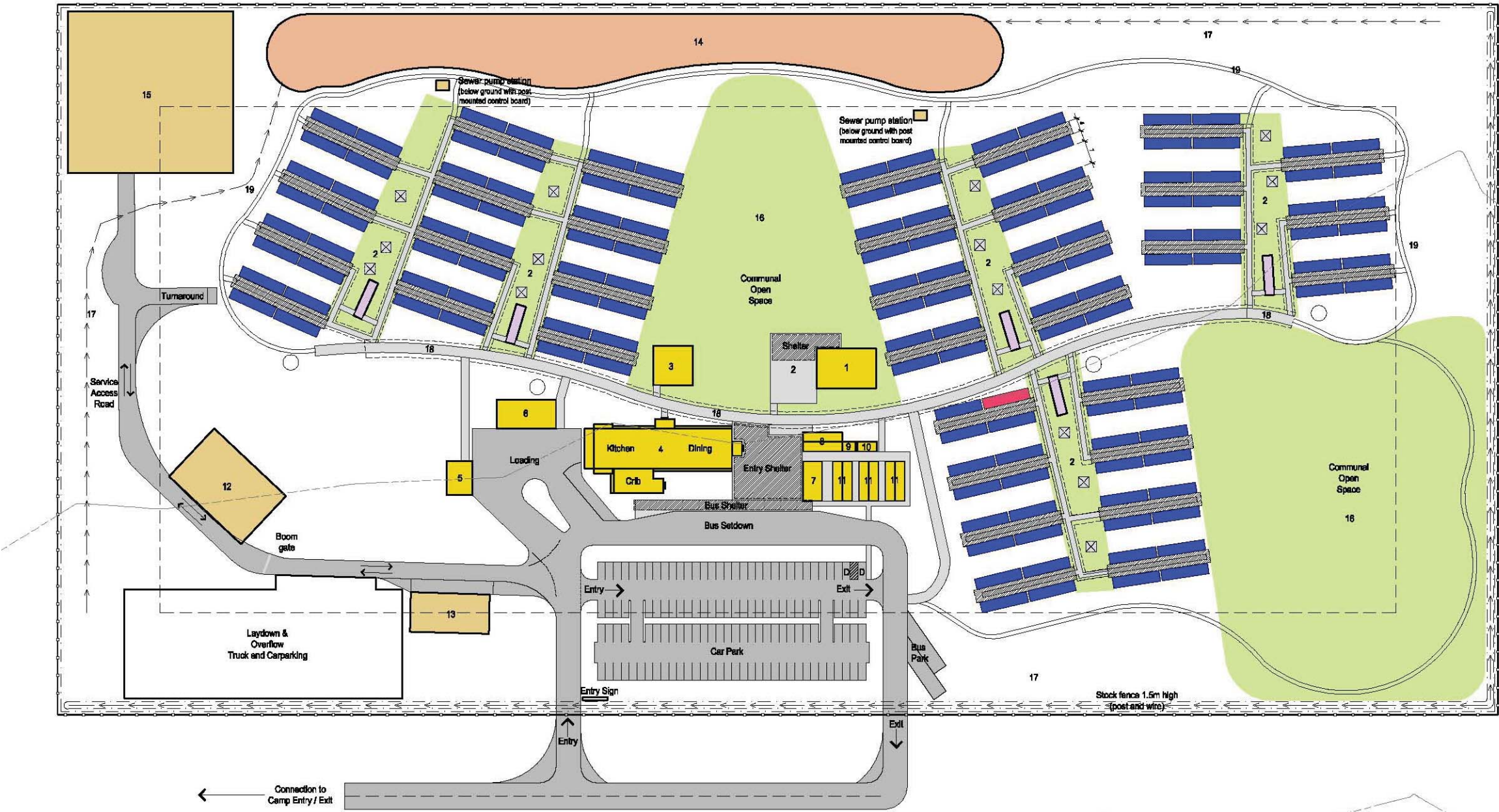
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A3

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RAIL CAMP ONE

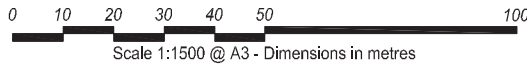
PLAN



LEGEND

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

ACCOMMODATION UNITS	405
DISABLED UNITS	2
CAR PARKING	125
DISABLED CARPARKING	2
BUS PARKING	2
EFFULENT DISPOSAL	4 ha
(based on 100m ² per person)	
DETENTION BASIN	.42ha
TOTAL OPEN SPACE	5.58 ha
(including firebreak)	
TOTAL SITE AREA	9.38 ha



RAIL CAMP ONE

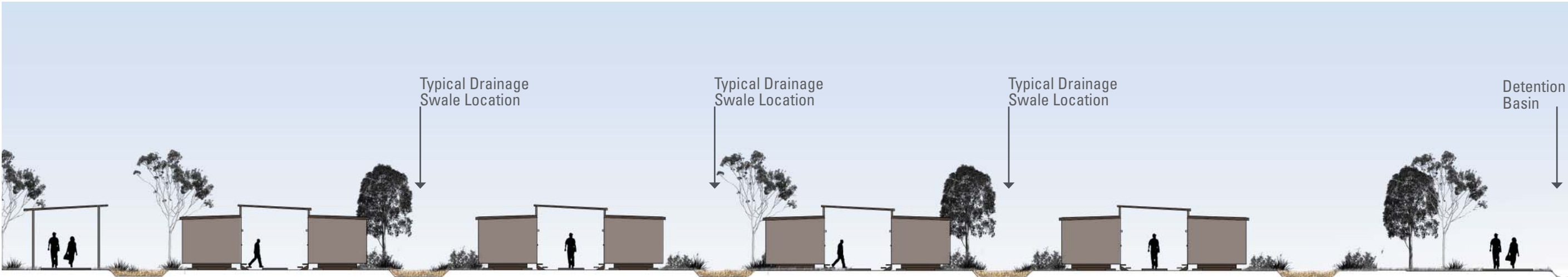
SECTIONS

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

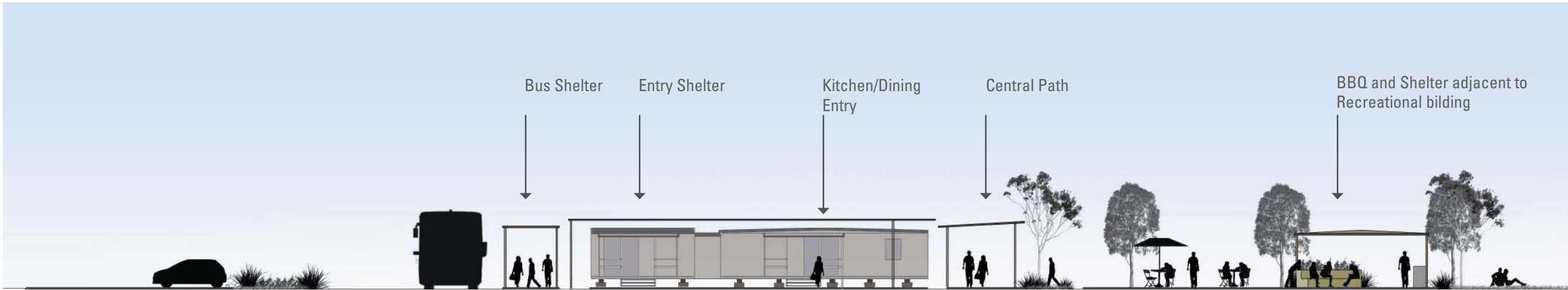


SECTION TWO

RAIL CAMP ONE

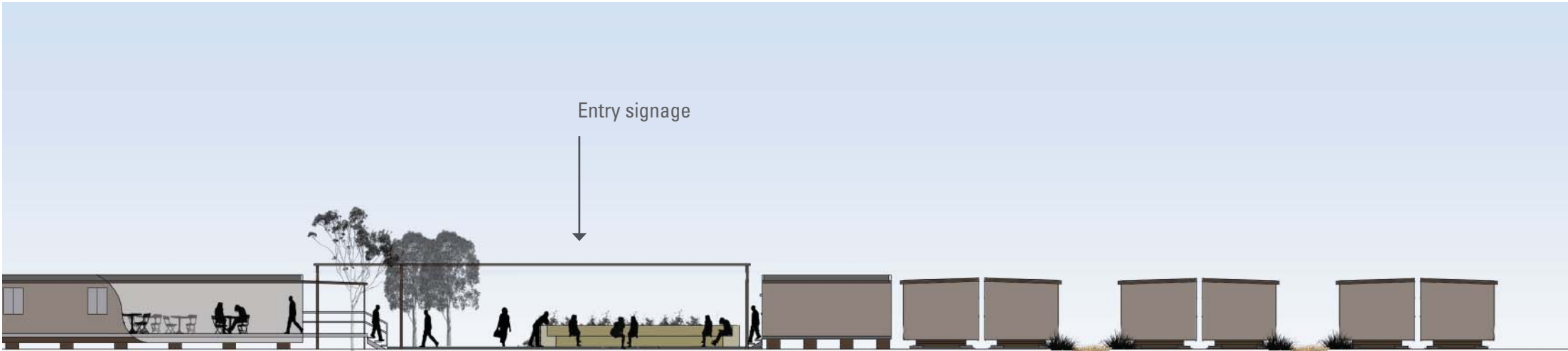
SECTIONS

CARPARK SWALE BUS PICKUP ZONE ENTRY COMMUNAL OPEN SPACE



SECTION THREE

KITCHEN / DINING ENTRY OFFICE LOCKERS ACCESS ROAD



SECTION FOUR

RAIL CAMP ONE

APPENDICES

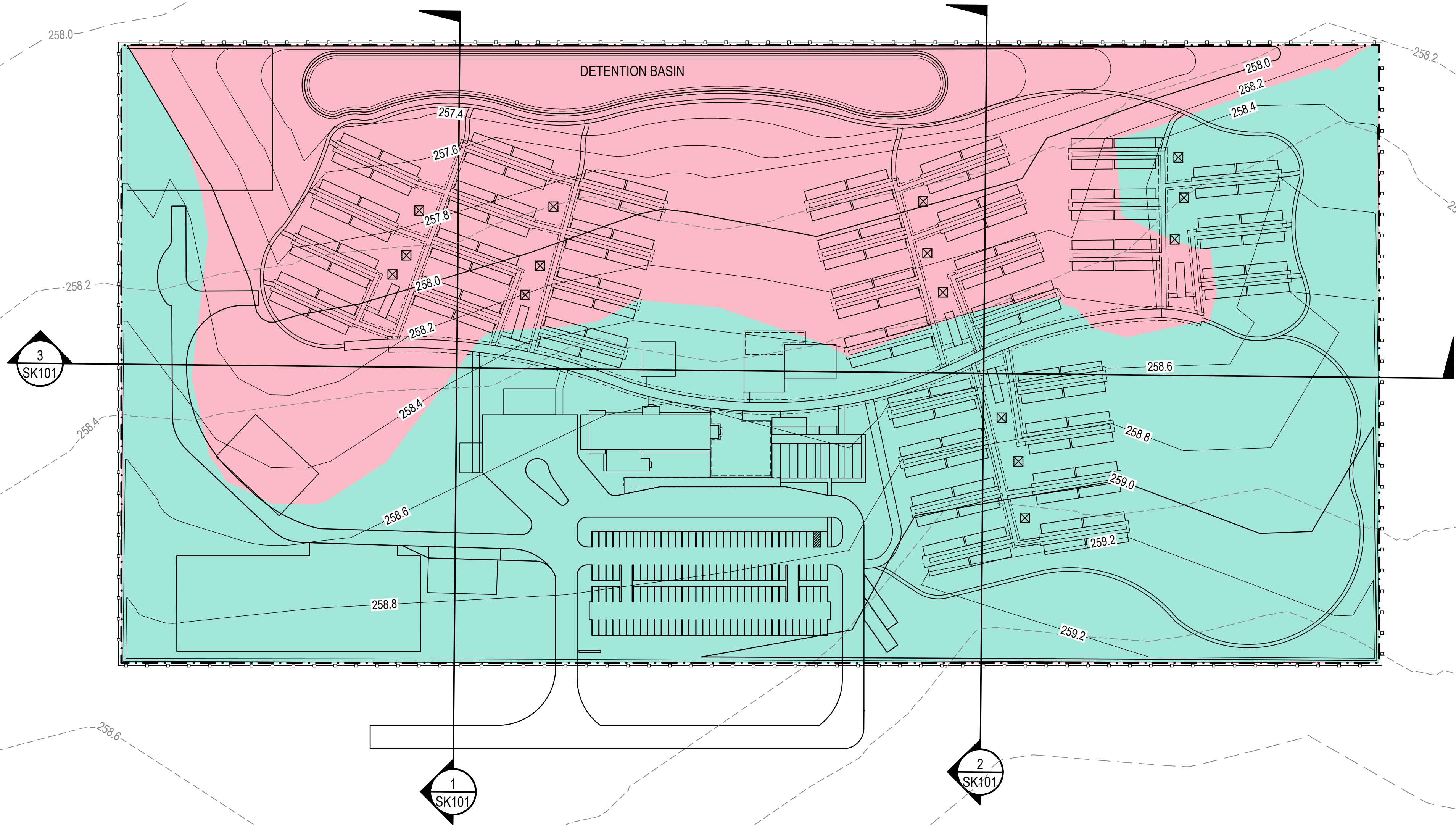
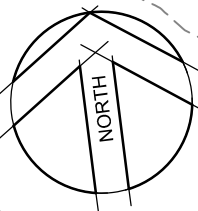
ADANI RAIL CAMP

- 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

CIVIL ENGINEERING DRAWINGS
PREPARED BY CARDNO



ADANI MINING PTY LTD

CAMP 1 BULK EARTHWORKS LAYOUT

LEGEND - BULK EARTHWORKS

- 222.0 — - PROPOSED MAJOR CONTOUR
- 222.2 — - PROPOSED MINOR CONTOUR
- - - 222.2 - - - - EXISTING CONTOUR
- [Pink Box] - AREA OF CUT
- [Cyan Box] - AREA OF FILL
- [Dashed Line] - SITE BOUNDARY

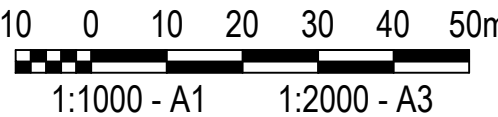
The contents of this plan are conceptual only. All areas and dimensions are approximate and subject to relevant studies, Survey, Engineering and Council approval.



Cardno (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



REF NUMBER: 7508-90-SK100(----)
DATE: 22.10.2012

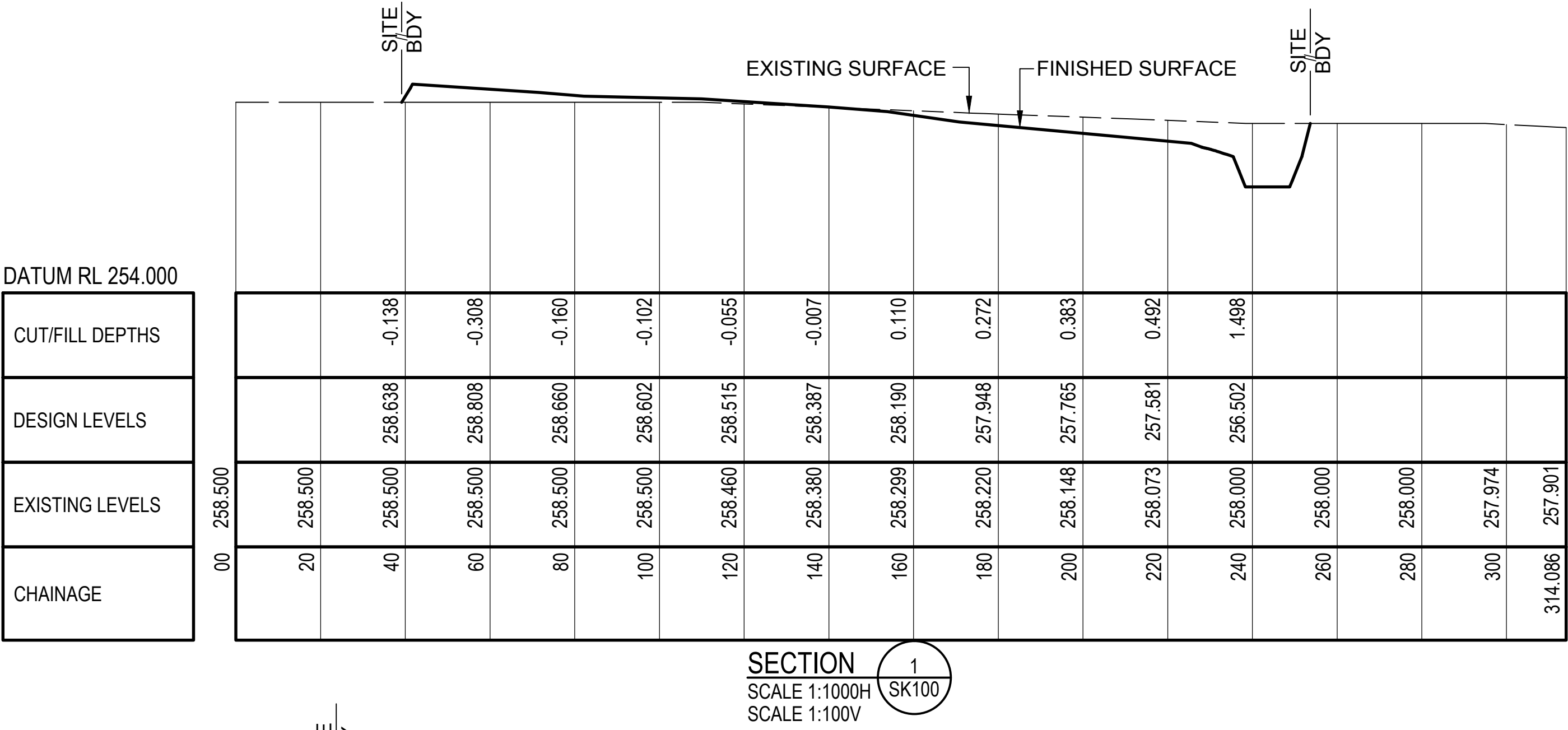
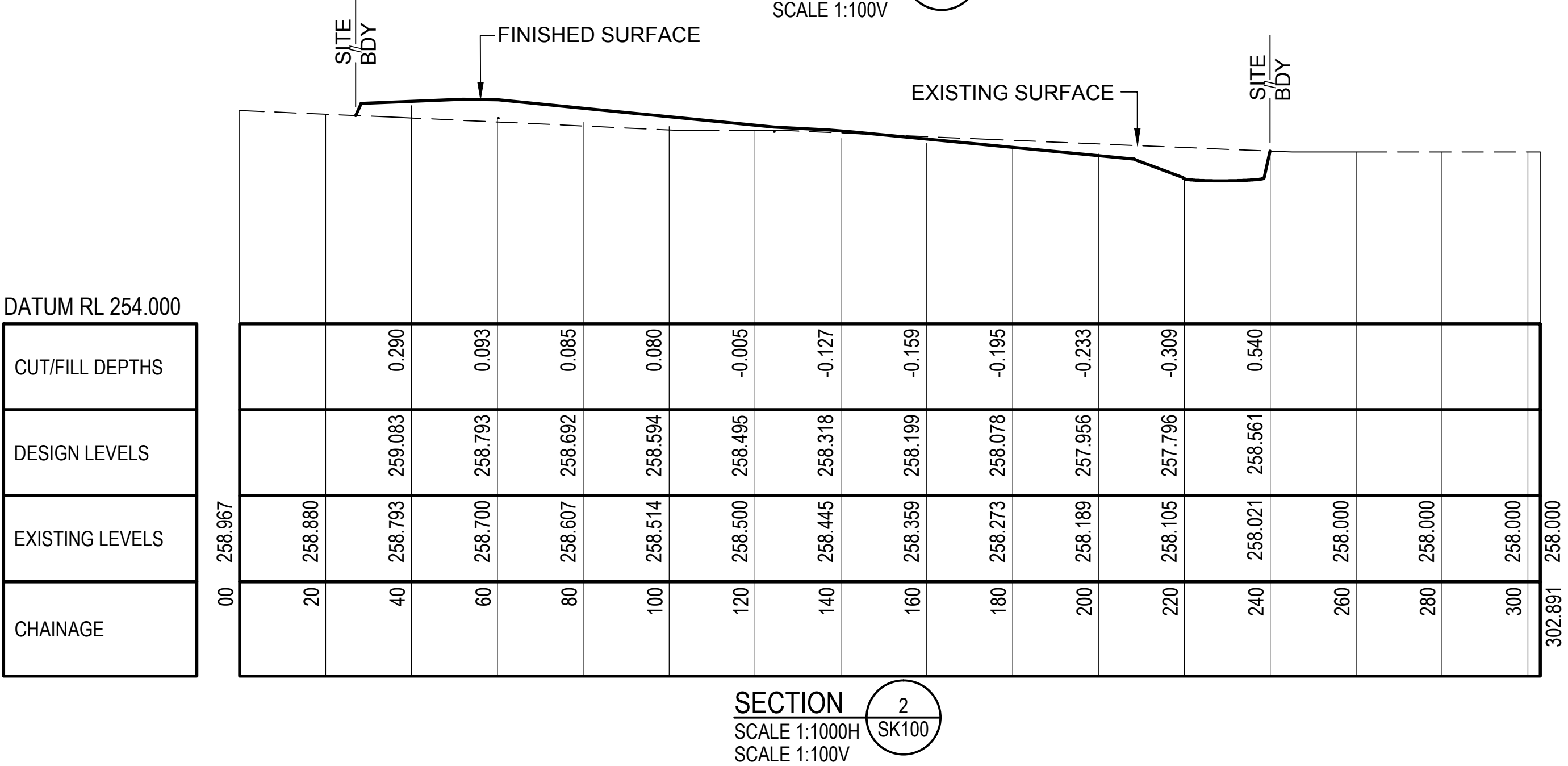
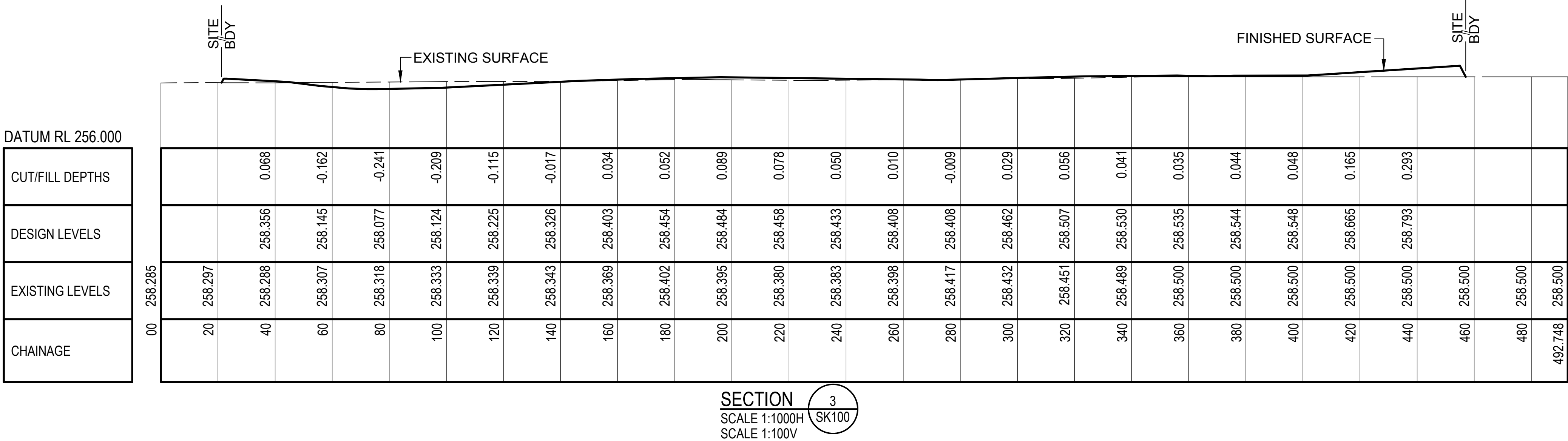


L:\7508-90 Carmichael Coal\004 Bulk Earthworks\Design and Documentation\Acad\Sketches\7508-90-SK101

ADANI MINING PTY LTD

CAMP 1 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.



DRAFT FOR DISCUSSION



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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
Quality
Endorsed
Company
AS 9001 Lic. 5960
Standard Australia

REF NUMBER: 7508-90-SK101(----)
DATE: 22.10.2012

10

0

10

20

30

40

50m

1:1000 - A1 1:2000 - A3

1

0

1

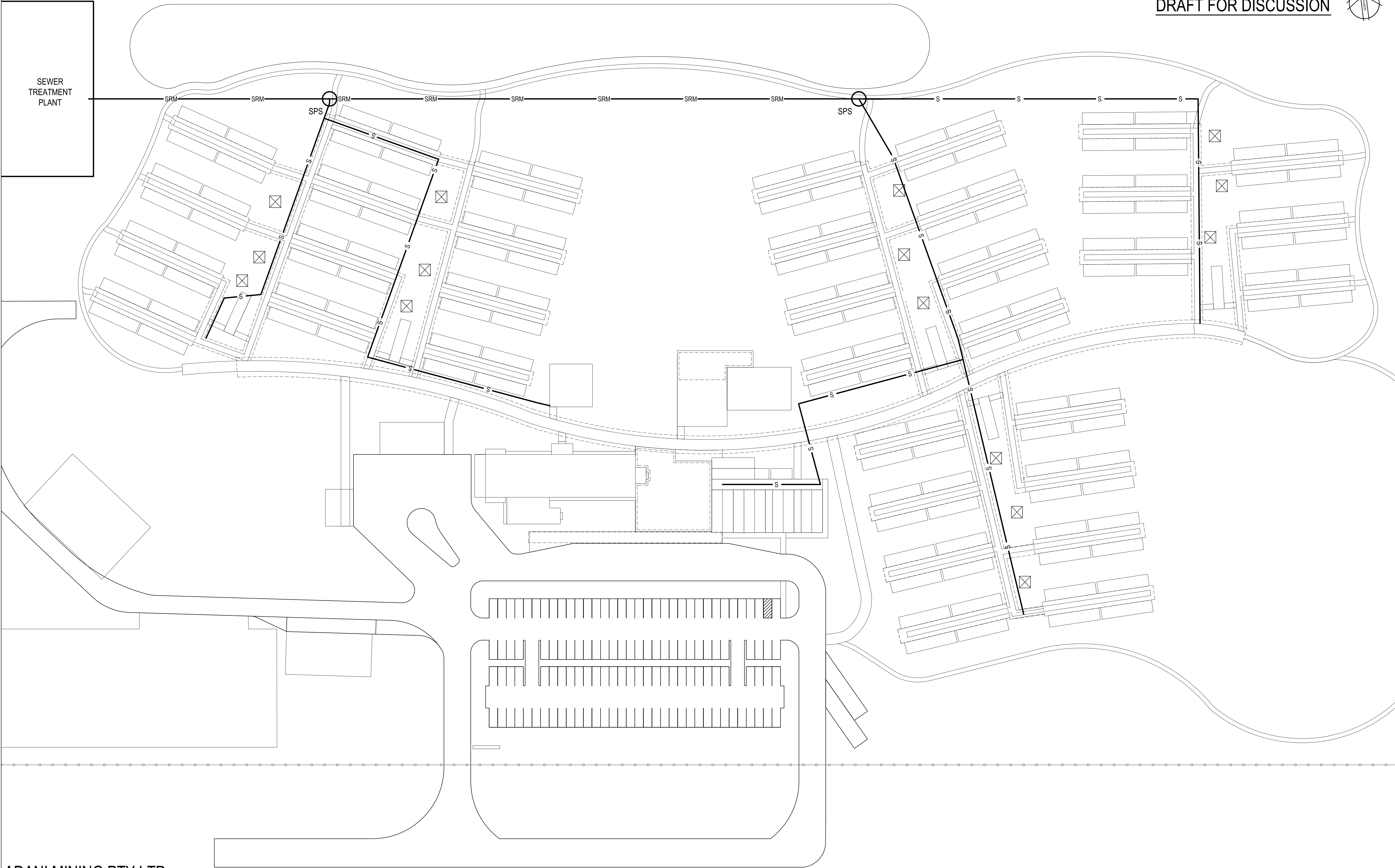
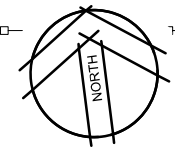
2

3

4

5m

1:100 - A1 1:200 - A3



ADANI MINING PTY LTD

CAMP 1 SEWER RETICULATION LAYOUT

- LEGEND - SEWER
- S - PROPOSED GRAVITY SEWER
 - SRM - PROPOSED SEWER RISING MAIN
 - SPS - PROPOSED SEWER RISING MAIN PUMP STATION

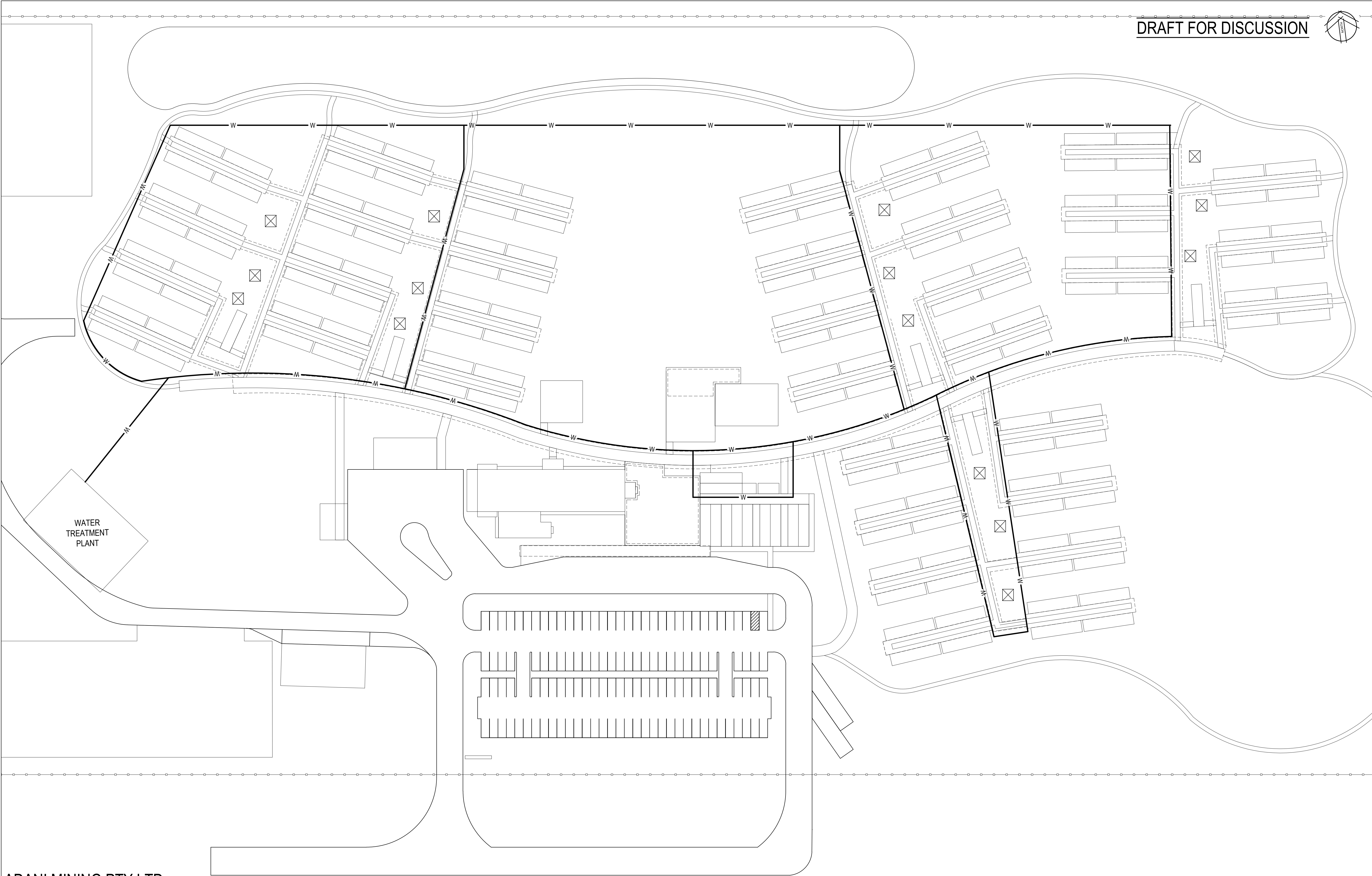
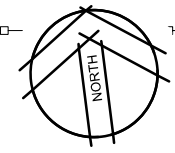


Cardno (Qld) Pty Ltd ACN: 051 074 992
Level 11, North Tower, 515 St Paul's Terrace, Fortitude Valley 4006
Locked Bag 4006, Fortitude Valley Qld 4006
Phone (07) 3369 9822 Fax (07) 3369 9722
Email: cardno@cardno.com.au Web: www.cardno.com.au



REF NUMBER: 7508-90-SK301(-)
DATE: 22.10.2012

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



ADANI MINING PTY LTD

CAMP 1 WATER RETICULATION LAYOUT

LEGEND - WATER

— W — - PROPOSED WATERMAIN

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



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Email: cardno@cardno.com.au Web: www.cardno.com.au



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