

Appendix B. BlueScope Steel Warranty



ABN 34 064 057 585

7th March 2024

ATTENTION; [REDACTED]

REFERENCE; N1 & N2 Logos Moorebank

We attached herewith the pre-approved warranty for the "Expected Warranty" and information received from BlueScope Steel which relates to metal roofing material installed at above mentioned site.

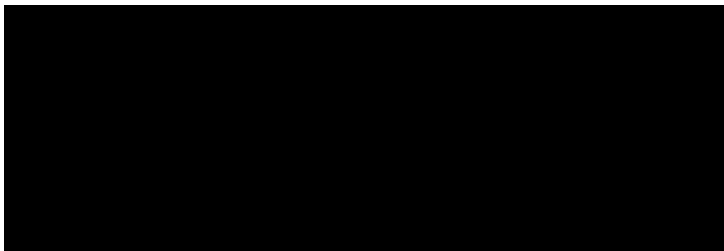
You will see from the attachments from Bluescope that only the OWNER can obtain the actual warranty when the owner takes delivery of the building and Direct Metal Roofing are only able to supply an "Expected Warranty"

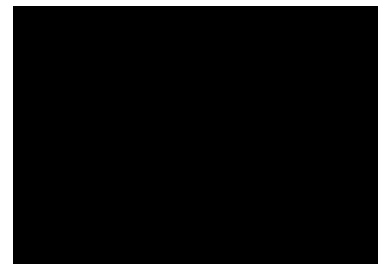
We are sorry for any inconvenience that this may cause but it is beyond our capabilities to have this changed.

Direct Metal Roofing (NSW) Pty Ltd acknowledges and confirms that all products were installed in accordance with Manufacturer's published fixing recommendations current at the time of installation and as per BCA Clause F1.5, and Australian Standards - AS 1562.1 Metal roof sheeting & warrants the labour content, being the workmanship of installation of metal roofing materials including roof plumbing works associated with the contract works, all as carried out, by our tradesman, for a period of one (1) year from 1st March, 2024.

The workmanship warrant does not cover defects or damage caused by the following:-

- Mechanical, chemical, corrosion or other damage sustained after installation.
- Attack by chemical agents, fumes, liquids, or solids.
- Failure to maintain roof & associated roof plumbing areas including the non-removal of debris and/or failure to provide free drainage of water.
- Deterioration of installed products due to contact with green, treated, or wet timber.
- Storm and tempest, malicious damage, or other acts of God.
- Traffic damage caused by other trades due to the non-protection of roof plumbing works.
- Work installed by other trades or roofing companies.





06 March 2024

N1 & N2 Logos Moorebank N1 & N2 Logos Moorebank
400 Moorebank Ave, Moorebank NSW 2170

Ref: RFG-CB-240301-4993

Dear N1 & N2 Logos Moorebank N1 & N2 Logos Moorebank ,

BlueScope Steel Warranty Advice – 400 Moorebank Ave, Moorebank NSW 2170

The following information is provided in response your submission of a “Pre-Approved Warranty”. It is provided in reference to COLORBOND® steel, which is to be installed in a Roofing application at 400 Moorebank Ave, Moorebank NSW 2170.

To activate this warranty, please visit us at www.bluescopesteel.com.au/warranties and enter the activation code – [REDACTED]. Please check that all details are correct prior to finalising the activation process.

This offer is based upon information provided by you and is summarised below.

WARRANTY

45 year warranty against corrosion to perforation
with 20 years against flake and peel

PROJECT ADDRESS

400 Moorebank Ave, Moorebank NSW 2170

BUILDING DETAILS

Building Name – N1 & N2 Logos Moorebank
Building Category – Commercial / Government / Light Industrial
Building Type – Warehouse
Installation Date – 01 March 2024
Application – Roofing

APPLICATION DETAILS

Material – COLORBOND® steel
Colour – Surfmist®
Supplier – your steel supplier
Product Profile – Traditional profiles (e.g. Corrugated, Trapezoidal, Concealed-fixed, etc.)
Roof Pitch – less than 5°
Is the roof design curved? –
Roof Curve Radius – 0
Unwashed Areas – No unwashed areas
Fastener material – Galvanised (Zinc)
Suitable for ISO 9223 Category? – Category 5
Heritage Application –

ENVIRONMENTAL DETAILS

Calm Marine – N/A
Exposed Marine – N/A
Surf – N/A



Industrial – N/A

COMMENTS

What is the observed performance of similar products and applications in your area?

Any other factors which may influence the warranty?

Describe the activities being carried out within the building.

This warranty advice remains valid until: **06 September 2025**

Please note that this correspondence is not a warranty, but merely an indication of warranties that may be provided upon application at completion of construction of your project. Warranty offers are subject to change pending the final design and installation parameters of your project.

Should you have any further enquiries, please do not hesitate to contact your nearest BlueScope Steel sales office.

Regards,

BlueScope Steel Limited



BlueScope Steel Warranty Activation Notice

Dear Sir/Madam,

Congratulations on your purchase of a BlueScope Steel product. The COLORBOND® steel product you have selected is eligible for a **45** year warranty against corrosion to perforation.

To activate this warranty, please visit us at www.bluescopesteel.com.au/warranties and enter the activation code that is listed below.

Your activation code is:



Please ensure that all of the details listed on screen are correct before submitting your warranty application.

Should you require any assistance, please contact us at Steel Direct on [REDACTED] or by email at [REDACTED]

Regards,

BlueScope Steel Limited

Appendix 01 – External Finishes Schedule

Woolworths Distribution Centre – MoNDC, Moorebank NSW

Formerly, JN (Janus National)

For

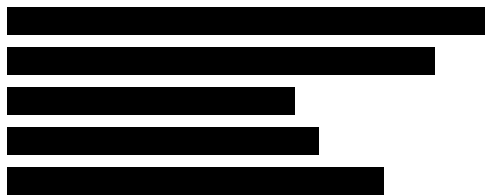
Woolworths Group Ltd

At

Moorebank NSW

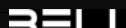
BELL

BELL Architecture



Consultant Project No.: BAS190087

Specification No: JN-SP-A-0-0001

PROJECT Number:	BAS190087				
PROJECT Name:	Woolworths Distribution Centre - MoNDC				
PROJECT Address:	Moorebank NSW				
SCHEDULE Name:	EXTERNAL FINISHES SCHEDULE				
REVISION:	C6	DATE	24/03/2023	FOR CONSTRUCTION	

GENERAL NOTES:

- VERIFY LEADTIMES FOR ALL PRODUCTS AND ENSURE ALL ORDERS ARE PLACED ON TIME. ALTERNATIVES WILL NOT BE ACCEPTED DUE TO FAILING TO ORDER THE PRODUCT IN TIME TO MEET THE CONSTRUCTION PROGRAM. SOME PRODUCTS MAY HAVE LONG LEAD TIMES.
- ALL MATERIALS are to be coordinated with the site plan, floor plans, and external elevation drawings, should there be a discrepancy the building contractor is to allow for the more expensive option. Note that any discrepancies are to be raised with Superintendent prior to orders being placed and works beginning on site.
- Paint Names: All standard colour names are correct at the time of issue, the contractor is to confirm any name changes with the supplier when arranging samples for approval
- Refer to Appendix 06: Woolworths Colour and Type Face Schedule, for the Woolworths brand colour palette.

EXTERNAL FINISHES:

IMAGE	CODE	ITEM	FINISH / COLOUR	DESCRIPTION	SUPPLIER	LOCATION	COMMENTS
	-	STRUCTURAL STEEL	Dulux colourbond Windspray C18	Exposed external steel members, painted finish	Dulux	Refer to architectural drawings	
	-	FIBRE CEMENT SHEET	White on White SW1E2	Soffit Lining with expressed joints	Dulux	Refer to architectural drawings	
	AF	APRON FLASHING	To match roof sheets (Colorbond Surfsmist)	Folded steel roof flashing	BlueScope Lysaght	Refer to Specification Section 0421 Roofing Refer to architectural drawings	
	BA*	BALUSTRADE	Duratec Zeus Charcoal Satin 90Z7766S	Mild Steel Powder coat finish	Dulux Powders	Refer to Specification Section 0552b Metalwork - fabricated Refer to architectural drawings	
	BC	BARGE CAPPING	To match roof sheets (Colorbond Surfsmist)	Folded steel barge Capping	BlueScope Lysaght	Refer to Specification Section 0421 Roofing Refer to architectural drawings	
	BW	CONCRETE BLOCKWORK	Face Blockwork Paint finish TBC	Concrete block work	Boral	Refer to architectural drawings	
	COL	STEEL COLUMN	Dulux colourbond Windspray C18	External Steel columns, painted finish	Dulux	Refer to architectural drawings	
	COL	CONCRETE COLUMN	Off form grey	Car park columns		Refer to architectural drawings	
	D:***	EXTERNAL DOOR FRAME (ALUMINIUM)	Refer to Specification section 0451 Windows & Glazed Doors	Extruded aluminium frames	Dulux Powders	Refer to architectural drawings	
	D:***	EXTERNAL DOOR FRAME (STEEL)	Maximus SGSB9	Welded Steel frames, painted finish	Dulux	Refer to architectural drawings	
	D:***	EXTERNAL DOORS (WAREHOUSE)	To match adjacent wall colour	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	External doors that are surrounded by 2 cladding colours are to be finished with the predominate colour only.
	D:0.G.** D:0.M.**	EXTERNAL DOORS (CAR PARK GROUND LEVEL AND LEVEL 1)	Dulux Colorbond Monument (C29)	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:0.1.**	EXTERNAL DOORS (CAR PARK LEVEL 1)	Dulux Colorbond Surfsmist (C1)	Metal clad door panels, and Solid core door panels	Dulux	Car park Stair C1, C2 & C4 level 1 doors, (D:0.1.02.1, D:0.1.03.1, D:0.1.05.1) Refer to architectural drawings	
	DP	COLORBOND STEEL DOWN PIPE	Colourbond steel Basalt	Steel Downpipe, Colorbond finish	BlueScope Lysaght	Refer to architectural drawings	
	DP	PVC DOWN PIPE	Maximus SGSB9	PVC or HDPE downpipe, painted finish	Dulux	Refer to architectural drawings	
	EG	EAVES GUTTER	Colourbond steel Basalt	Folded metal gutters	BlueScope Lysaght	Refer to architectural drawings	
	FA	FASCIA CAPPING	To match roof sheets (Colorbond Surfsmist)	Fascia Capping	Refer to specification	Refer to architectural drawings	
	FC1	PALISADE FENCE	Dulux Duratec Black Matt 90Z9202M	Powdercoated Steel Fence Panels	Dulux Powders	Refer to architectural drawings	
	HR*	HANDRAIL	Duratec Zeus Charcoal Satin 90Z7766S	Mild Steel Powder coat finish	Dulux Powders	Refer to Specification Section 0552b Metalwork - fabricated Refer to architectural drawings	
	LV1	LOUVRE PANELS and DOORS	Duratec Zeus Grey Satin 90Z7768S	Powdercoated Aluminium	Airocle	Refer to architectural drawings	
	LV2	LOUVRE PANELS	Duratec Zeus Grey Satin 90Z7768S	Powdercoated Aluminium	Airocle	Refer to architectural drawings	

IMAGE	CODE	ITEM	FINISH / COLOUR	DESCRIPTION	SUPPLIER	LOCATION	COMMENTS
	PC*	PARAPET CAPPING	Colorbond Surfmist	Parapet capping	Refer to specification	Refer to architectural drawings	
	PF	PAN FLASHING	Colorbond Surfmist	Flashing from ridge to roof penetration and around	Refer to specification	Refer to architectural drawings	
	PS20	PAINT FINISH	To match adjacent wall colour	Warehouse	Dulux	Refer to architectural drawings	
	PS21	PAINT FINISH	Dulux Colorbond Monument (C29)	Warehouse Including the feature façade diamond pattern	Dulux	Refer to architectural drawings	
	PS22	PAINT FINISH	To match Dulux Crystal Apple (S21H3)	Warehouse	Dulux	Refer to architectural drawings	Refer to Bluescope Technology and Development laboratory Submission No. 20052; Enquiry No. 10041941; Date:1/2/21
	PS23	PAINT FINISH	To match Dulux Melissa (S21H5)	Warehouse	Dulux	Refer to architectural drawings	Refer to Bluescope Technology and Development laboratory Submission No. 20052; Enquiry No. 10041941; Date:1/2/21
	PS24	PAINT FINISH	Woolworths 100% PMS 368	Warehouse	Dulux	Refer to architectural drawings	Refer to Bluescope Technology and Development laboratory Submission No. 20052; Enquiry No. 10041941; Date:1/2/21
	PS25	PROFILED METAL, COLORBOND FINISH	Colorbond Windspray	Fire Sprinkler Tanks, Colorbond finish Rainwater Tanks, Colorbond finish	BlueScope Lysaght	Refer to architectural drawings including external elevations	
	PS26	PAINT FINISH	Colorbond Surfmist C1	-	Dulux	Refer to architectural drawings	
	PS27	PAINT FINISH	Guild Grey SG6G5	Precast Concrete Panels to the Energy Complex and Fire Pump House	Dulux	Refer to architectural drawings	
	PS28	PAINT FINISH	Accord (St Kilda) SG6G2	Shroud (enclosure) of the Generator "proper"	Dulux	Refer to electrical services documents	
	RC	RIDGE CAPPING	Colorbond Surfmist	Roof ridge capping	Refer to specification	Refer to Specification Section 0421 Roofing Refer to architectural drawings	
	RF1	ROOF SHEETING	Colorbond Surfmist	Profiled roof sheeting	BlueScope Lysaght	Refer to Specification Section 0421 Roofing Refer to architectural drawings	
	RSD	ROLLER SHUTTERS	Duratec Zeus Lunar Grey Matt 90Z7769M	Proprietary roller door	Refer to specification	Refer to architectural drawings	
	SB DB	SWITCH BOARDS and DISTRIBUTION BOARDS	Duratec Zeus Charcoal Satin 90Z7766S	Powdercoated Steel Cupboard, for electrical services	Dulux Powders	Refer to architectural drawings	
	SL1	PROFILED METAL SHEET SOFFIT LINING	Colorbond Surfmist	Profiled Metal Sheet	BlueScope Lysaght	Refer to Reflected Ceiling Plans Refer to Specification Section 0431 Cladding for further details	
	SL2	SOFFIT LINING	Woodgrain Finish Tasmanian Oak	Super slat - Aluminium Profile A1	Superwood	Refer to Reflected Ceiling Plans Refer to Specification Section 0431 Cladding for further details	
		ALUMINIUM CLADDING (BACKING PANEL)	Anthracite Grey	MondoClad Aluminium Non-combustible, pre-finished aluminium panels	Halifax Vogel Group Pty Limited	Backing panel to the feature eave lining battens to the Security Office and Team Canteen balconies. Refer to architectural drawings	
	W:**	EXTERNAL WINDOW FRAME	Refer to Specification section 0451 Windows & Glazed Doors	Extruded aluminium frames	Dulux Powders	Refer to architectural drawings	
	W:**	EXTERNAL WINDOW - BACK PAINTED GLASS	Dulux Water Worn SG6G3	Back painted glass	Dulux	Refer to architectural drawings	The spandrel (top) band and lower band of glazing to the Pedestrian Airbridge shall be back painted with an opaque coating.
	WT1	PROFILED STEEL SHEET CLADDING	Refer to specification section 0431 Cladding	Profiled metal cladding, Colorbond finish	BlueScope Lysaght	Refer to architectural drawings	
	WT2	ALUMINIUM CLADDING	Cool White	MondoClad Aluminium Non-combustible, pre-finished aluminium panels	Halifax Vogel Group Pty Limited	Pedestrian Airbridges, Security Office and Driver's Amenities building Refer to architectural drawings	
	WT3	ALUMINIUM CLADDING	Anthracite Grey	MondoClad Aluminium Non-combustible, prefinished perforated aluminium sunscreen	Halifax Vogel Group Pty Limited	Warehouse, Canteen, and Driver's Amenities building Refer to architectural drawings	

IMAGE	CODE	ITEM	FINISH / COLOUR	DESCRIPTION	SUPPLIER	LOCATION	COMMENTS
	WTS	PERFORATED SUNSCREEN	Anthracite Grey	MondoClad Aluminium Non-combustible, prefinished perforated aluminium sunscreen. The finish is to be applied to both sides of the product.	Halifax Vogel Group Pty Limited	Refer to architectural drawings	
		PERFORATED SUNSCREEN AND FRAME	Duratec Zeus Charcoal Satin 90Z7766S	Non-combustible, prefinished perforated aluminium sunscreen panel and aluminium extruded frame. The finish is to be applied to all exposed faces of the product.	Dulux	Refer to architectural drawings	Exposed fixings are to be coloured matched to the sunscreen panel.



02 July 2024

Ref: RFG-CB-240527-8255

Attn: [REDACTED]

Principal: [REDACTED]

Landlord: The Trust Company (Australia) Limited as the trustee of the Moorebank Industrial Warehouse Trust – (LOGOS address) Level 46, Gateway/1 Macquarie Pl, Sydney NSW 2000

BlueScope Steel Warranty Advice – Project: Regional Distribution Centre, Moorebank Intermodal West, Warehouse 12 Bushmaster Avenue, Moorebank NSW 2170

The following information is provided in response your submission of a "Pre-Approved Warranty". It is provided in reference to COLORBOND® steel, which is to be installed in a Roofing application at Regional Distribution Centre, Moorebank Intermodal West, Warehouse 12 Bushmaster Avenue, Moorebank NSW 2170.

To activate this warranty, please visit us at www.bluescopesteel.com.au/warranties and enter the activation code – [REDACTED] Please check that all details are correct prior to finalising the activation process.

This offer is based upon information provided by you and is summarised below.

WARRANTY

45 year warranty against corrosion to perforation
with 20 years against flake and peel

PROJECT ADDRESS

Regional Distribution Centre, Moorebank Intermodal West, Warehouse 12 Bushmaster Avenue, Moorebank NSW 2170

BUILDING DETAILS

Building Name – Regional Distribution Centre, Moorebank Intermodal West
Building Category – Commercial / Government / Light Industrial
Building Type – Warehouse
Installation Date – 27 May 2024
Application – Roofing

APPLICATION DETAILS

Material – COLORBOND® steel
Colour – Surfmist®
Supplier – your steel supplier
Product Profile – Traditional profiles (e.g. Corrugated, Trapezoidal, Concealed-fixed, etc.)
Roof Pitch – less than 5°
Is the roof design curved? –
Roof Curve Radius – 0
Unwashed Areas – No unwashed areas
Fastener material – Galvanised (Zinc)



Suitable for ISO 9223 Category? – Category 5
Heritage Application –

ENVIRONMENTAL DETAILS

Calm Marine – N/A
Exposed Marine – N/A
Surf – N/A
Industrial – N/A

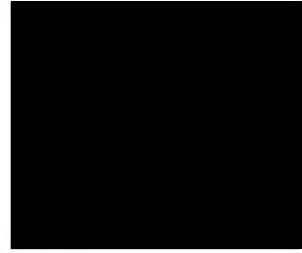
COMMENTS

This warranty advice remains valid until: **02 January 2026**

Please note that this correspondence is not a warranty, but merely an indication of warranties that may be provided upon application at completion of construction of your project. Warranty offers are subject to change pending the final design and installation parameters of your project.

Should you have any further enquiries, please do not hesitate to contact your nearest BlueScope Steel sales office.

Regards,
BlueScope Steel Limited



BlueScope Steel Warranty Activation Notice

Dear Sir/Madam,

Congratulations on your purchase of a BlueScope Steel product. The COLORBOND® steel product you have selected is eligible for a **45** year warranty against corrosion to perforation.

To activate this warranty, please visit us at www.bluescopesteel.com.au/warranties and enter the activation code that is listed below.

Your activation code is:



Please ensure that all of the details listed on screen are correct before submitting your warranty application.

Should you require any assistance, please contact us at Steel Direct on [REDACTED] or by email at [REDACTED]

Regards,

BlueScope Steel Limited

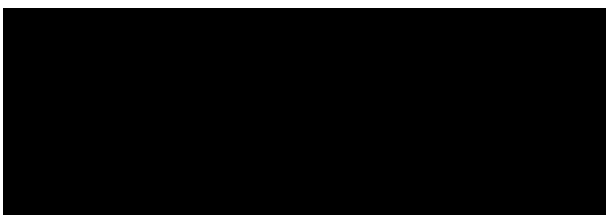
Appendix 01 – External Finishes Schedule

Woolworths Distribution Centre – MoRDC Moorebank NSW

For
Woolworths Group Ltd

At
Moorebank NSW

BELL



Consultant Project No.: BAS190054
Specification No: JR-SP-A-0-0001

PROJECT Number:	BAS190054						
PROJECT Name:	Woolworths Distribution Centre - MoRDC						
PROJECT Address:	Moorebank NSW						
SCHEDULE Name:	EXTERNAL FINISHES SCHEDULE						
REVISION:	C11	DATE	3/07/2023	FOR CONSTRUCTION			

GENERAL NOTES:

- VERIFY LEADTIMES FOR ALL PRODUCTS AND ENSURE ALL ORDERS ARE PLACED ON TIME. ALTERNATIVES WILL NOT BE ACCEPTED DUE TO FAILING TO ORDER THE PRODUCT IN TIME TO MEET THE CONSTRUCTION PROGRAM. SOME PRODUCTS MAY HAVE LONG LEAD TIMES.
- ALL MATERIALS are to be coordinated with the site plan, floor plans, and external elevation drawings, should there be a discrepancy the building contractor is to allow for the more expensive option. Note that any discrepancies are to be raised with Superintendent prior to orders being placed and works beginning on site.
- Paint Names: All standard colour names are correct at the time of issue, the contractor is to confirm any name changes with the supplier when arranging samples for approval
- Refer to Appendix 06: Woolworths Colour and Type Face Schedule, for the Woolworths brand colour palette.

EXTERNAL FINISHES:

IMAGE	CODE	ITEM	FINISH / COLOUR	DESCRIPTION/LOCATION	SUPPLIER	LOCATION	COMMENTS
	-	STRUCTURAL STEEL	Dulux Colorbond Windspray C18	Exposed external steel members, painted finish	Dulux	Refer to architectural drawings	
	-	FIBRE CEMENT SHEET	White on White SW1E2	Soffit Lining with expressed joints	Dulux	Refer to architectural drawings	
	AF	APRON FLASHING	To match roof sheets (Colorbond Surfmist)	Folded steel roof flashing	BlueScope Lysaght	Refer to architectural drawings	Refer to Specification Section 0421 Roofing
	BA*	BALUSTRADE	Duratec Zeus Charcoal Satin 90Z7766S	Mild Steel Powder coat finish	Dulux Powders	Refer to architectural drawings	Refer to Specification Section 0552b Metalwork - fabricated
	BC	BARGE CAPPING	To match roof sheets (Colorbond Surfmist)	Folded steel barge Capping	BlueScope Lysaght	Refer to architectural drawings	Refer to Specification Section 0421 Roofing
	BW	CONCRETE BLOCKWORK	Face Blockwork Paint finish TBC	Concrete block work	Boral	Refer to architectural drawings	
	COL	STEEL COLUMN	Dulux Colorbond Windspray C18	External Steel columns, painted finish	Dulux	Refer to architectural drawings	
	COL	CONCRETE COLUMN	Off form grey	Warehouse concrete columns		Refer to architectural drawings	
	D:**.*	EXTERNAL DOOR FRAME (ALUMINIUM)	Refer to Specification section 0451 Windows & Glazed Doors	Extruded aluminium frames	Dulux Powders	Refer to architectural drawings	
	D:**.*	EXTERNAL DOOR FRAME (STEEL)	Maximus SGSB9	Welded Steel frames, painted finish	Dulux	Refer to architectural drawings	
	D:A.**	EXTERNAL DOORS (WAREHOUSE)	To match adjacent wall colour	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:D.** D:G.**	EXTERNAL DOORS (GATEHOUSE NORTH & GATEHOUSE SOUTH)	Colorbond Surfmist C1	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:E.**	EXTERNAL DOORS (ENERGY COMPLEX)	Colorbond Surfmist C1	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:H.**	EXTERNAL DOORS (TRUCK WASH)	Colorbond Surfmist C1	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:M.**	EXTERNAL DOORS (TRAILER MAINTENANCE)	Colorbond Surfmist C1	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	DP	COLORBOND STEEL DOWN PIPE	Colourbond steel Basalt	Steel Downpipe, Colorbond finish	BlueScope Lysaght	Refer to architectural drawings	
	DP	PVC DOWN PIPE	Maximus SGSB9	PVC or HDPE downpipe, painted finish	Dulux	Refer to architectural drawings	
	EG	EAVES GUTTER	Colourbond steel Basalt	Folded metal gutters	BlueScope Lysaght	Refer to architectural drawings	
	FA	FASCIA CAPPING	To match roof sheets (Colorbond: Surfmist)	Fascia Capping	Refer to specification	Refer to architectural drawings	

IMAGE	CODE	ITEM	FINISH / COLOUR	DESCRIPTION/LOCATION	SUPPLIER	LOCATION	COMMENTS
	FC1	PALISADE FENCE	Dulux Duratec Black Matt 90Z9202M	Powdercoated Steel Fence Panels	Dulux Powders	Refer to architectural drawings	
	HR*	HANDRAIL	Duratec Zeus Charcoal Satin 90Z7766S	Mild Steel Powder coat finish	Dulux Powders	Refer to architectural drawings	Refer to Specification Section 0552b Metalwork - fabricated
	LV1	LOUVRE PANELS and DOORS	Duratec Zeus Grey Satin 90Z7768S	Powdercoated Aluminium	Airocle	Refer to architectural drawings	
	LV2	LOUVRE PANELS	Duratec Zeus Grey Satin 90Z7768S	Powdercoated Aluminium	Airocle	Refer to architectural drawings	
	PC*	PARAPET CAPPING	Colorbond Surfmist	Parapet capping	Refer to specification	Refer to architectural drawings	
	PF	PAN FLASHING	Colorbond Surfmist	Flashing from ridge to roof penetration and around	Refer to specification	Refer to architectural drawings	
	PS20	PAINT FINISH	To match adjacent wall colour	Warehouse	Dulux	Refer to architectural drawings	
	PS21	PAINT FINISH	Dulux Colorbond Monument (C29)	Warehouse Including the feature façade diamond pattern	Dulux	Refer to architectural drawings	
	PS22	PAINT FINISH	To match Dulux Crystal Apple (S21H3)	Warehouse	Dulux	Refer to architectural drawings	Refer specification section 0671 Painting For steel coil, refer to Bluescope Technology and Development laboratory Submission No. 20052; Enquiry No. 10041941; Date:1/02/2021
	PS23	PAINT FINISH	To match Dulux Melissa (S21H5)	Warehouse	Dulux	Refer to architectural drawings	Refer specification section 0671 Painting For steel coil, refer to Bluescope Technology and Development laboratory Submission No. 20052; Enquiry No. 10041941; Date:1/02/2021
	PS24	PAINT FINISH	Woolworths 100% PMS 368	Warehouse	Dulux	Refer to architectural drawings	Refer specification section 0671 Painting For steel coil, refer to Bluescope Technology and Development laboratory Submission No. 20052; Enquiry No. 10041941; Date:1/02/2021
	PS25	PROFILED METAL, COLORBOND FINISH	Colorbond Windspray	Fire Sprinkler Tanks, Colorbond finish	BlueScope Lysaght	Refer to architectural drawings including external elevations	Fire tanks are within the MoNDC (JN) scope
	PS26	PAINT FINISH	Colorbond Surfmist C1	DC: Receiving Hub Office Trailer Maintenance	Dulux	Refer to architectural drawings	
	PS27	PAINT FINISH	Guild Grey SG6G5	-	Dulux	Refer to architectural drawings	
	PS28	PAINT FINISH	Accord (St Kilda) SG6G2	Shroud (enclosure) of the Generator "proper"	Dulux	Refer to electrical services documents	
	RC	RIDGE CAPPING	Colorbond Surfmist	Roof ridge capping	Refer to specification	Refer to architectural drawings	Refer to Specification Section 0421 Roofing
	RF1 RF2 RF4 RF4A RF7	ROOF SHEETING	Colorbond Surfmist	Profiled steel roof sheeting	BlueScope Lysaght	Refer to architectural drawings	Refer to Specification Section 0421 Roofing
	RF3	ROOF SHEETING	Opal	Profiled polycarbonate clear roofing sheet	BlueScope Lysaght	Refer to architectural drawings	Refer to Specification Section 0421 Roofing
	RF5	ROOF SHEETING	Colorbond Surfmist	Profiled steel roof sheeting	BlueScope Lysaght	Refer to architectural drawings	Refer to Specification Section 0421 Roofing
	RF8	ALUMINIUM ROOF CLADDING	Cool White	MondoClad Aluminium Non-combustible, pre-finished aluminium panels black caulking to joins	Halifax Vogel Group Pty Limited	Refer to architectural drawings	Refer to Specification Section 0431 Cladding for further details
	RSD	ROLLER SHUTTERS	Duratec Zeus Lunar Grey Matt 90Z7769M	Proprietary roller door	Refer to specification	Refer to architectural drawings	

IMAGE	CODE	ITEM	FINISH / COLOUR	DESCRIPTION/LOCATION	SUPPLIER	LOCATION	COMMENTS
	SB DB	SWITCH BOARDS and DISTRIBUTION BOARDS	Duratec Zeus Charcoal Satin 90Z7766S	Powdercoated Steel Cupboard, for electrical services	Dulux Powders	Refer to architectural drawings	
	SL1	PROFIED METAL SHEET SOFFIT CLADDING	Colorbond Surfemist	Profiled steel sheet cladding	BlueScope Lysaght	Refer to Reflected Ceiling Plans	Refer to Specification Section 0431 Cladding for further details
	SL2	SOFFIT LINING	Woodgrain Finish Tasmanian Oak	Super slat - Aluminium Profile A1	Superwood	Including the Operations and Administration Office, and Driver's Amenities building. Refer to Reflected Ceiling Plans	Refer to Specification Section 0431 Cladding for further details
		ALUMINIUM CLADDING (BACKING PANEL)	Anthracite Grey	MondoClad Aluminium Non-combustible, pre-finished aluminium panels black caulking to joins	Halifax Vogel Group Pty Limited	Backing panel to the feature eaves lining battens to the Operations and Administration Office, and Driver's Amenities building. Refer to architectural drawings	
	SL3	ALUMINIUM CLADDING	Cool White	MondoClad Aluminium Non-combustible, pre-finished aluminium panels black caulking to joins	Halifax Vogel Group Pty Limited	Including the Operations and Administration Office, Pedestrian Air Bridge, and Driver's Amenities building. Refer to architectural drawings	
	W:***	EXTERNAL WINDOW FRAME	Refer to Specification section 0451 Windows & Glazed Doors	Extruded aluminium frames	Dulux Powders	Refer to architectural drawings	
	W:***	EXTERNAL WINDOW - BACK PAINTED GLASS	Dulux Water Worn SG6G3	Back painted glass	Dulux	Refer to architectural drawings	The spandrel (top) band and lower band of glazing to the Pedestrian Airbridge shall be back painted with an opaque coating.
	WT1	PROFIED METAL STEEL SHEET CLADDING	Refer to specification section 0431 Cladding	Profiled metal cladding, Colorbond finish	BlueScope Lysaght	Refer to architectural drawings	
	WT2	ALUMINIUM CLADDING	Cool White	MondoClad Aluminium Non-combustible, pre-finished aluminium panels black caulking to joins	Halifax Vogel Group Pty Limited	Including the Operations and Administration Office, Pedestrian Air Bridge, and Driver's Amenities building. Refer to architectural drawings	
	WT3	ALUMINIUM CLADDING	Anthracite Grey	MondoClad Aluminium Non-combustible, prefinished perforated aluminium sunscreen	Halifax Vogel Group Pty Limited	Including the Operations and Administration Office, and Driver's Amenities building Refer to architectural drawings	
	WT4	ALUMINIUM CLADDING	Woodgrain Finish Tasmanian Oak	Super slat - Aluminium Profile A1	Superwood	Including the Operations and Administration Office, Refer to architectural drawings	Refer to Specification Section 0431 Cladding for further details
		ALUMINIUM CLADDING (BACKING PANEL)	Anthracite Grey	MondoClad Aluminium Non-combustible, pre-finished aluminium panels black caulking to joins	Halifax Vogel Group Pty Limited	Backing panel to the feature wall battens to the Operations and Administration Office. Refer to architectural drawings	
	WT5	PERFORATED SUNSCREEN	Anthracite Grey	MondoClad Aluminium Non-combustible, prefinished perforated aluminium sunscreen. The finish is to be applied to both sides of the product.	Halifax Vogel Group Pty Limited	Refer to architectural drawings	
		PERFORATED SUNSCREEN AND FRAME	Duratec Zeus Charcoal Satin 90Z7766S	Non-combustible, prefinished perforated aluminium sunscreen panel and aluminium extruded frame. The finish is to be applied to all exposed faces of the product.	Dulux	Refer to architectural drawings	Exposed fixings are to be coloured matched to the sunscreen panel.
	WT6	INSULATED PANEL	Oyster	Insulated panel with Rockwool Core (non-combustible panel)	Kingspan / Tata Steel	Refer to architectural drawings	
	WT7	INSULATED PANEL PIR CORE (INTERNAL USE ONLY)	Colorbond Surfemist	Insulated panel with PIR Core	Kingspan / BlueScope Lysaght	Refer to architectural drawings	This material does not meet the non-combustible requirements for external cladding (Refer BCA).
	WT8	PROFIED METAL, COLORBOND FINISH	Refer to specification section 0431 Cladding	Profiled Metal Sheet	BlueScope Lysaght	Refer to architectural drawings	

Appendix C. Lighting Certifications



Installation Certificate

Electrical & Energy efficiency

Moorebank Intermodal – N1, 400 Moorebank Ave, NSW, 2170

I hereby certify that:

The works have been inspected during construction as documented on our design for lesser Tenant Changes, and have been completed in accordance with the design, Specifications, and the nominated standards of the building codes of Australia as follows:

Measure and/or system	Standards of Performance
Electrical Installation	BCA 2019 - Part J6 Amdt 1 AS 3000-2018, AS 1680.0-2009 & AS 4282-1997 AS/NZS 3000 – 2018 & CASA MOS 139 - Chapter 9, section 9.21 Drawings: E01, E02, E03, E04, E05, E06 E07, E08, E09, E10 & E11
Part J6 & J8	Part J6 & J8 of the BCA 2019

I am a properly qualified person and have a good working knowledge of the relevant codes and standards referenced above. (My qualifications and accreditations are listed below)

Relevant qualifications and accreditations: Licensed Electrician -

Certificate III in Electro-Technology Building & Structures

The information contained in this statement is true and accurate to the best of my knowledge.

Name of Certifier: [REDACTED]

Contractor License: 133558C

Expiry Date: 27/02/2027

Company: Apex Electrical Pty Ltd

Address: [REDACTED]

Phone No. [REDACTED]

[REDACTED] 1/05/24



Installation Certificate

Electrical & Energy efficiency

Moorebank Intermodal – N2, 400 Moorebank Ave, NSW, 2170

I hereby certify that:

The works have been inspected during construction as documented on our design for lesser Tenant Changes, and have been completed in accordance with the design, Specifications, and the nominated standards of the building codes of Australia as follows:

Measure and/or system	Standards of Performance
Electrical Installation	BCA 2019 - Part J6 Amdt 1 AS 3000-2018, AS 1680.0-2009 & AS 4282-1997 AS/NZS 3000 – 2018 & CASA MOS 139 - Chapter 9, section 9.21 Drawings: E01, E02, E03, E04, E05, E06 E07, E08, E09, E10 & E11
Part J6 & J8	Part J6 & J8 of the BCA 2019

I am a properly qualified person and have a good working knowledge of the relevant codes and standards referenced above. (My qualifications and accreditations are listed below)

Relevant qualifications and accreditations: Licensed Electrician -

Certificate III in Electro-Technology Building & Structures

The information contained in this statement is true and accurate to the best of my knowledge.

Name of Certifier:

Contractor License:

Expiry Date: 27/02/2027

Company:

Apex Electrical Pty Ltd

Address:

Phone No.

1/05/24

Appendix 3 - Construction Statement Date: 27.07.2023

Job Number: 180396-12

Qube Holdings Limited
C/- J. Wyndham Prince



Dear 

RE: Services Construction Statement– LV Electrical Works at (MLPWP) Moorebank Logistics Park, Moorebank Ave Western Precinct

We, Northrop Engineers, being professional engineers, have undertaken an inspection of the low voltage electrical works on the 12/05/2023. The purpose of the inspection was to confirm the works were generally in accordance with:

Reference	Description	Revision
PIWW-NRP-EL-DWG-0000	Cover sheet and Legend	D
PIWW-NRP-EL-DWG-0001	Lighting, power and pits layout – Sheet 1	J
PIWW-NRP-EL-DWG-0002	Lighting, power and pits layout – Sheet 2	K
PIWW-NRP-EL-DWG-0003	Lighting, power and pits layout - Sheet 3	G
PIWW-NRP-EL-DWG-0004	Lighting, power and pits layout – Sheet 4	J
PIWW-NRP-EL-DWG-0005	Lighting, power and pits layout – Sheet 5	I
PIWW-NRP-EL-DWG-0006	Lighting, power and pits layout – Sheet 6	I
PIWW-NRP-EL-DWG-0007	Lighting, power and pits layout – Sheet 7	L
PIWW-NRP-EL-DWG-0008	Lighting, power and pits layout - Sheet 8	I
PIWW-NRP-EL-DWG-0009	Lighting, power and pits layout – Sheet 9	I
PIWW-NRP-EL-DWG-0010	Lighting, power and pits layout - Sheet 10	M
PIWW-NRP-EL-DWG-0011	Lighting, power and pits layout – Sheet 11	H
PIWW-NRP-EL-DWG-0012	Lighting and LV electrical layout – Sheet 12	H
PIWW-NRP-EL-DWG-0013	Lighting and LV electrical layout – Sheet 13	G
PIWW-NRP-EL-DWG-0014	Lighting and LV electrical layout – Sheet 14	F
PIWW-NRP-EL-DWG-0015	Lighting and LV electrical layout – Sheet 15	G

PIWW-NRP-EL-DWG-0016	Lighting and LV electrical layout – Sheet 16	H
PIWW-NRP-EL-DWG-0017	Lighting and LV electrical layout – Sheet 17	F
PIWW-NRP-EL-DWG-0018	Lighting and LV electrical layout – Sheet 18	F
PIWW-NRP-EL-DWG-0019	Lighting and LV electrical layout – Sheet 19	B
PIWW-NRP-EL-DWG-0020	Typical Precinct DB single line diagrams and switchboard details	D
PIWW-NRP-EL-DWG-0021	Cable trench and road lighting pole cabling	C
PIWW-NRP-EL-DWG-0022	LV Block Diagram, single line diagrams and schematics	D
PIWW-NRP-EL-DWG-0023	DB-01 single line diagram	F
PIWW-NRP-EL-DWG-0024	DB-2, DB-3, DB-4 Single line diagrams	E
PIWW-NRP-EL-DWG-0030	Distribution board boundary and light pole layout Sheet 1	E
PIWW-NRP-EL-DWG-0031	Distribution board boundary and light pole layout Sheet 2	E
PIWW-NRP-EL-DWG-0032	Distribution board boundary and light pole layout Sheet 3	E
PIWW-NRP-EL-DWG-0033	Distribution board boundary and light pole layout Sheet 4	E
PIWW-NRP-EL-DWG-0034	Distribution board boundary and light pole layout Sheet 5	E
PIWW-NRP-EL-DWG-0035	Distribution board boundary and light pole layout Sheet 6	E
PIWW-NRP-EL-DWG-0036	Distribution board boundary and light pole layout Sheet 7	D
PIWW-NRP-EL-DWG-0037	Distribution board boundary and light pole layout Sheet 8	D
PIWW-NRP-EL-SPE-0000	Electrical Specification	D

During the course of our inspections, we have reviewed the installation of the services and quality of workmanship of materials however our review was limited to our visual inspection. It is assumed that the contractor maintained the required levels of quality and workmanship throughout the project.

The following items were inspected:

- LV Switchboards
- Road lighting installation
- LV installation

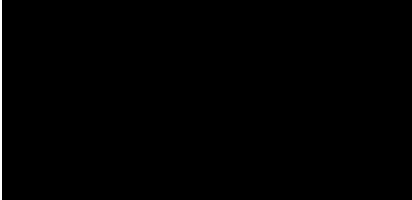
Based on our limited visual inspections, Northrop found the works to be generally in accordance with the above listed documentation and design intent.

This statement shall not be construed as relieving any other party of their responsibilities.

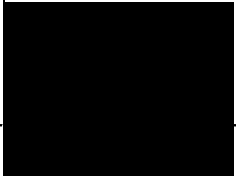
We trust you find this information satisfactory. If you have any queries please feel free to contact me –


Yours faithfully,

Yours faithfully



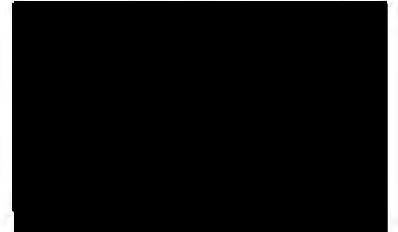
On behalf of Northrop Consulting Engineers Pty Ltd

B76	Operational lighting must: (a) comply with the latest version of AS 4282-1997 - Control of the obtrusive effects of outdoor lighting (Standards Australia, 1997); and (b) be designed to reduce light spill and be mounted, screened and directed in such a manner that it does not create a nuisance and minimises visual impacts to surrounding properties, the public road network, the Georges River riparian corridor and the Boot Land.	Please provide evidence / verification that the outdoor lighting installed for the estate generally, INTS, N2, MoRDC and MoNDC comply with this condition. Aspect has already been provided with evidence for N1		MITCO - Aurecon confirmed with MITCO on 20 March 2024 that the the lighting design for the INTS/ISRA zone is based on perimeter, pole mounted lighting directed internal to the site to provide maximum operable area. The luminaires selected have excellent cut-off control and assessment has been done to confirm compliance with AS 4282:2023 control of the obtrusive effects of outdoor lighting including areas: •Surrounding properties •Public road network •Georges River riparian corridor and the Boot Land
-----	--	---	--	---



DESIGN CERTIFICATION – CC4

Richard Crookes Constructions



PROJECT: MonDC Warehouse Facility

ADDRESS: MonDC Facility, Moorebank Ave,
Moorebank 2170

Modcol Pty Ltd
ABN 63 002 219 847

I,  a Director of / a person authorised by the Consultant, hereby certify that we have designed the electrical design including general light & power, exit & emergency lighting at the above site in accordance with:

(a) The relevant clauses of the Building Code of Australia as follows:

- BCA 2019 (*Amendment 1*) – E4.2, E4.4, E4.5, NSW E4.6 & E4.8
- Part J6 of BCA 2019 *Amendment 1*
- Part J8 of BCA 2019 *Amendment 1*

(b) The relevant Australian Standards as follows:

- AS 3000-2018 including Amendment 1 (2020), AS2293.1-2018, AS1680-2009, AS4282 – 1997, AS1158.3-2005

(c) MonDC Warehouse Facility Drawings:

- JN-WD-E-00-01-COVER-SHEET-Rev.CC3
- JN-WD-E-00-02-ELECTRICAL-SINGLE-LINE-DIAGRAM-SHEET-1-OF-4-Rev.CC3
- JN-WD-E-00-03-ELECTRICAL-SINGLE-LINE-DIAGRAM-SHEET-2-OF-4-Rev.CC3
- JN-WD-E-00-04-ELECTRICAL-SINGLE-LINE-DIAGRAM-SHEET-3-OF-4-Rev.CC3
- JN-WD-E-00-05-ELECTRICAL-SINGLE-LINE-DIAGRAM-SHEET-4-OF-4-Rev.CC3
- JN-WD-E-00-06-TELECOMMUNICATIONS-SCHEMATIC-DIAGRAM-Rev.CC3
- JN-WD-E-00-07-LEGEND-OF-SYMBOLS-&-SEISMIC-RESTRAINT-DETAILS-Rev.CC3
- JN-WD-E-00-08-OVERALL-SITE-PLAN-Rev.CC3
- JN-WD-E-00-09-PART-SITE-PLAN---1-OF-5-Rev.CC3
- JN-WD-E-00-10-PART-SITE-PLAN---2-OF-5-Rev.A
- JN-WD-E-00-11-PART-SITE-PLAN---3-OF-5-Rev.B
- JN-WD-E-00-12-PART-SITE-PLAN---4-OF-5-Rev.A



- JN-WD-E-00-13-PART-SITE-PLAN---5-OF-5-Rev.B
- JN-WD-E-00-14-CARPARK-GROUND-FLOOR-POWER-&-LUMINAIRE-ARRANGEMENT-Rev.CC3
- JN-WD-E-00-15-CARPARK-MID-LEVEL-&-LEVEL-1-POWER-&-LUMINAIRE-ARRANGEMENT-Rev.CC3
- JN-WD-E-00-16-DC-WAREHOUSE---GROUND-FLOOR-OVERALL-PLAN-Rev.CC3
- JN-WD-E-00-17-DC-WAREHOUSE---GROUND-FLOOR-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-1-Rev.A
- JN-WD-E-00-18-DC-WAREHOUSE---GROUND-FLOOR-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-2-Rev.A
- JN-WD-E-00-19-DC-WAREHOUSE---GROUND-FLOOR-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-3-Rev.B
- JN-WD-E-00-20-DC-WAREHOUSE---GROUND-FLOOR-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-4-Rev.A
- JN-WD-E-00-21-DC-WAREHOUSE---GROUND-FLOOR-LUMINAIRE-ARRANGEMENT-PART-1-Rev.CC3
- JN-WD-E-00-22-DC-WAREHOUSE---GROUND-FLOOR-LUMINAIRE-ARRANGEMENT-PART-2-Rev.CC3
- JN-WD-E-00-23-DC-WAREHOUSE---GROUND-FLOOR-LUMINAIRE-ARRANGEMENT-PART-3-Rev.A
- JN-WD-E-00-24-DC-WAREHOUSE---GROUND-FLOOR-LUMINAIRE-ARRANGEMENT-PART-4-Rev.A
- JN-WD-E-00-25-DC-WAREHOUSE---LEVEL-1-OVERALL-PLAN-Rev.CC3
- JN-WD-E-00-26-DC-WAREHOUSE---LEVEL-1-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-1-Rev.A
- JN-WD-E-00-27-DC-WAREHOUSE---LEVEL-1-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-2-Rev.A
- JN-WD-E-00-28-DC-WAREHOUSE---LEVEL-1-LUMINAIRE-ARRANGEMENT-PART-1-Rev.A
- JN-WD-E-00-29-DC-WAREHOUSE---LEVEL-1-LUMINAIRE-ARRANGEMENT-PART-2-Rev.A
- JN-WD-E-00-30-DC-WAREHOUSE---LEVEL-1-LUMINAIRE-ARRANGEMENT-PART-3-Rev.A
- JN-WD-E-00-31-DC-WAREHOUSE---LEVEL-1-LUMINAIRE-ARRANGEMENT-PART-4-Rev.A
- JN-WD-E-00-32-DC-WAREHOUSE---LEVEL-2-OVERALL-PLAN-Rev.CC3
- JN-WD-E-00-33-DC-WAREHOUSE---LEVEL-2-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-1-Rev.A
- JN-WD-E-00-34-DC-WAREHOUSE---LEVEL-2-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-2-Rev.A
- JN-WD-E-00-35-DC-WAREHOUSE---LEVEL-2-POWER-&-COMMUNICATIONS-ARRANGEMENT-PART-3-Rev.A
- JN-WD-E-00-36-DC-WAREHOUSE---LEVEL-2-LUMINAIRE-ARRANGEMENT-PART-1-Rev.A
- JN-WD-E-00-37-DC-WAREHOUSE---LEVEL-2-LUMINAIRE-ARRANGEMENT-PART-2-Rev.A
- JN-WD-E-00-38-DC-WAREHOUSE---LEVEL-2-LUMINAIRE-ARRANGEMENT-PART-3-Rev.A



- JN-WD-E-00-39-DC-WAREHOUSE---LEVEL-2-LUMINAIRE-ARRANGEMENT-PART-4-Rev.A
- JN-WD-E-00-40-DC-WAREHOUSE---ROOF-OVERALL-PLAN-Rev.CC3
- JN-WD-E-00-41-DC-WAREHOUSE---PART-ROOF-PLAN-Rev.CC3
- JN-WD-E-00-42-OPERATIONS-&-ADMINISTRATION-OFFICES-POWER-&-COMMUNICATIONS-ARRANGEMENTS-Rev.CC3
- JN-WD-E-00-43-OPERATIONS-&-ADMINISTRATION-OFFICES-LUMINAIRE-ARRANGEMENTS-Rev.CC3
- JN-WD-E-00-44-SECURITY-OFFICE-POWER-&-COMMUNICATIONS-ARRANGEMENTS-Rev.CC3
- JN-WD-E-00-45-SECURITY-OFFICE-LUMINAIRE-ARRANGEMENTS-Rev.CC3
- JN-WD-E-00-46-MHS,-MHE-&-RECEIVING-KIOSK-POWER,-COMMUNICATIONS-&-LUMINAIRE-ARRANGEMENTS-Rev.CC3
- JN-WD-E-00-47-CANTEEN-POWER-&-COMMUNICATIONS-ARRANGEMENT-Rev.CC3
- JN-WD-E-00-48-CANTEEN-LUMINAIRE-ARRANGEMENT-Rev.CC3
- JN-WD-E-00-49-DRIVERS-AMENITIES,-GATEHOUSE-&-ENERGY-COMPLEX-POWER,-COMMUNICATIONS-&-LUMINAIRE-ARRANGEMENTS-Rev.CC3
- JN-WD-E-00-50-TRANSPORT-OFFICE-POWER,-COMMUNICATIONS-&-LUMINAIRE-ARRANGEMENTS-Rev.CC3
- JN-WD-E-00-51-MEAL-BREAK-AREA-Rev.CC3

- (f) Condition B 76 - AS4282 – 1997;
- Section A – Control of the obtrusive effects of outdoor lighting.
 - Section B – To be designed to reduce light spill and be mounted, creened and directed in such a manner that it does not create a nuisance and minimises visual impacts to surroudnig properties, the public road network, the groerges river riparian corridor and the Boot Land.

- (g) Fire Engineering Report: LCI 190582-FER01Rev:C Dated 02/07/2021

Full Name of Certifier: [REDACTED]

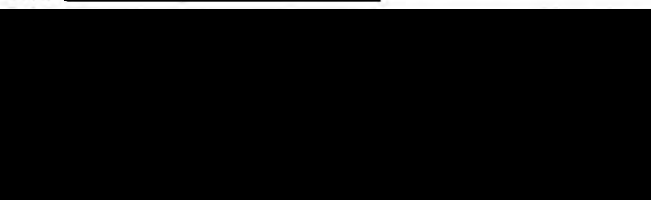
Company: Modcol Pty Ltd ([REDACTED]) – Operating for 27 + years

Qualifications & Experience: Appropriately Qualified Person - Electrical Supervisor - 11 + Years'

Experience in Electrical Design & Construction ([REDACTED])

CEC Accredited Grid Connect Designer & Installer – [REDACTED]

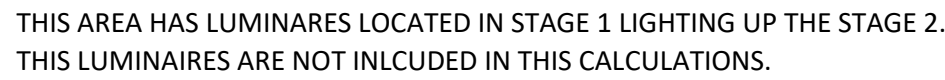
Title: [REDACTED]



Date: Monday 13th December 2021

Luminaire Schedule						
Symbol	Qty	Label	Description	LLF	Luminaire Lumens	Luminaire Watts
	39	W2	H22-80-3B	0.700	11343	79.36
	18	LP1	H22-80-3B	0.700	11343	79.36
	27	W4	AR-450-110	0.700	62872	448.681
	52	LP3	AR-450-110	0.700	62872	448.681

5. ALL LIGHT CALCULATIONS HAVE BEEN CALCULATED WITH LIGHT LOSS FACTOR OF 0.7.



SCALE = 1 : 600



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ELECTRICAL | DATA | HVAC

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BELL

ELECTRICAL CONSULTANT



0 2 4 6 8 10m
SCALE 1:100 AT A0

• • • • •

TITLE: **EXTERNAL LIGHTING VERTICAL METER SUMMARIES**

• • • • •

AR

AS BUILT

Obtrusive Light - Compliance Report

AS/NZS 4282:2019, A4 - High District Brightness, Curfew

Filename: Extenal lighting Obtrusive Only

9/06/2023 10:45:57 AM

Illuminance

Maximum Allowable Value: 5 Lux

Calculations Tested (4):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight - West_Ill_Seg1	PASS	4
ObtrusiveLight - West_Ill_Seg2	PASS	5
ObtrusiveLight -North_Ill_Seg1	PASS	3
ObtrusiveLight_East_Ill_Seg1	PASS	2

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 2500 Cd

Calculations Tested (4):

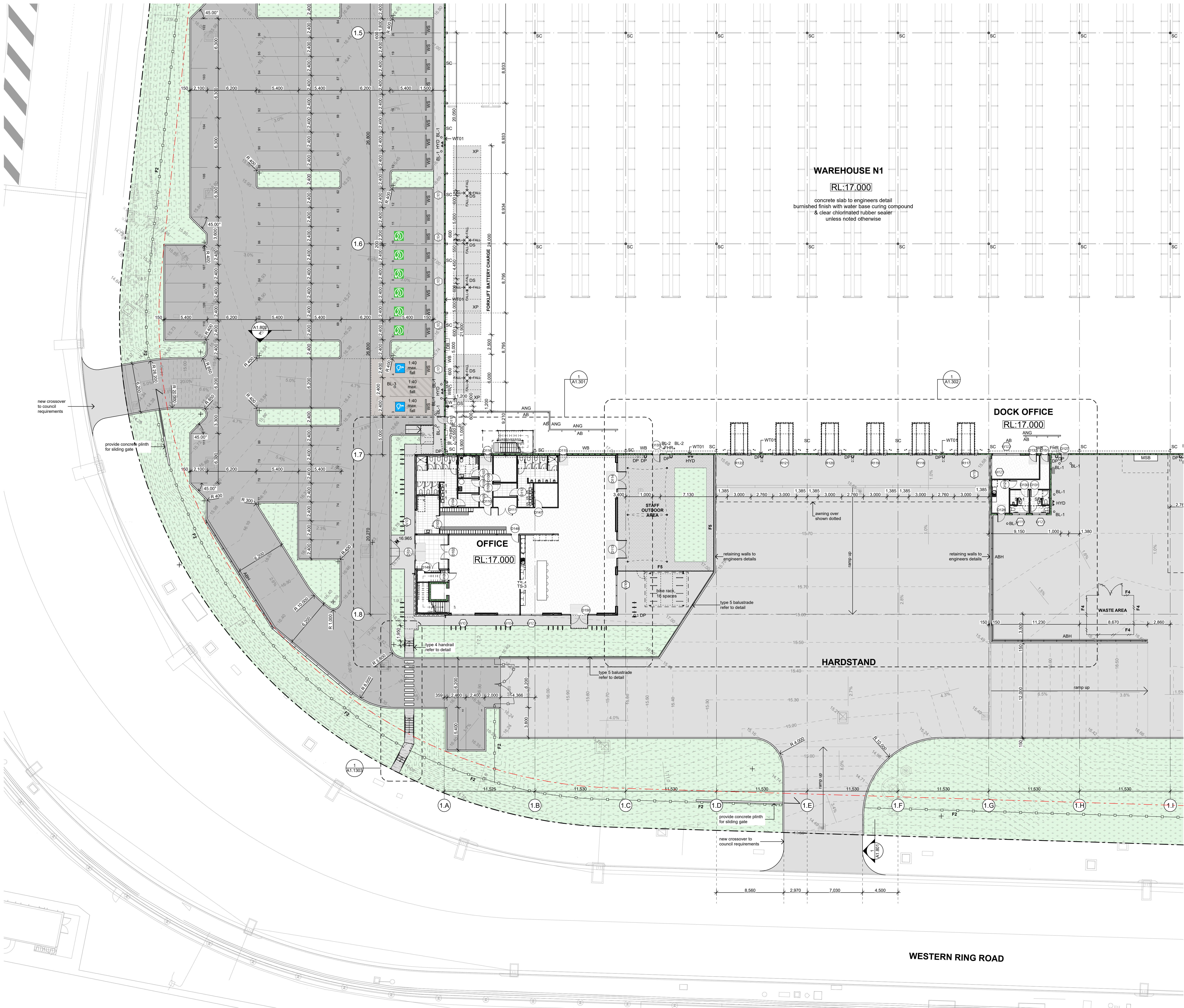
Calculation Label	Test Results
ObtrusiveLight - West_Cd_Seg1	PASS
ObtrusiveLight - West_Cd_Seg2	PASS
ObtrusiveLight -North_Cd_Seg1	PASS
ObtrusiveLight_East_Cd_Seg1	PASS

Upward Waste Light Ratio (UWLR)

Maximum Allowable Value: 3.0 %

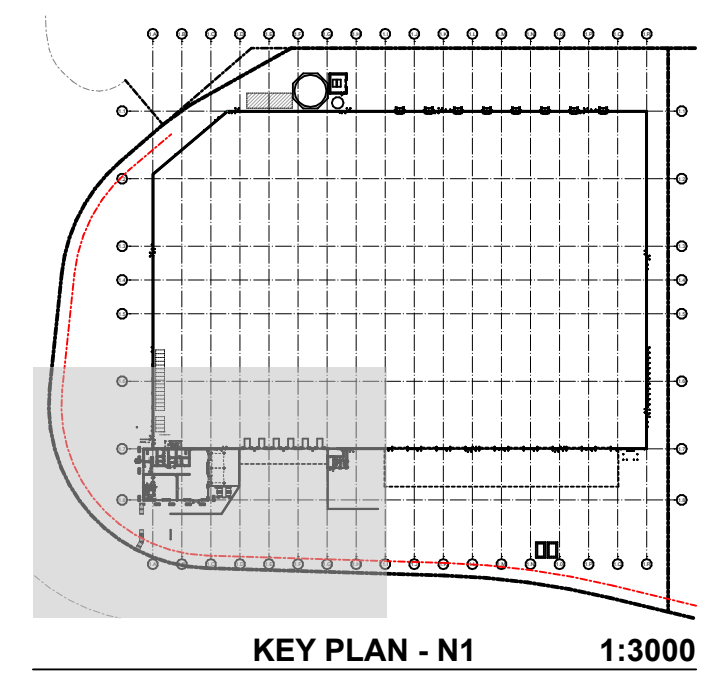
Calculated UWLR: 0.2 %
Test Results: PASS

Appendix D. N1, N2 and MoNDC / MoRDC Bicycle Parking Plans (For Construction)



1
-
GROUND FLOOR PLAN - WAREHOUSE - N1 - PART C
1:200

NO.	DATE	REVISION	BY	CHK
E	21/07/2023	AMENDED AS CLOUDED	MS	
F	18/08/2023	AMENDED AS CLOUDED	MS	
G	21/09/2023	AMENDED AS CLOUDED	MS	
H	28/09/2023	AMENDED AS CLOUDED	MS	
I	31/10/2023	AMENDED AS CLOUDED	MS	
J	12/10/2023	AMENDED AS CLOUDED	MS	
K	24/11/2023	AMENDED AS CLOUDED	MS	
L	27/11/2023	AMENDED AS CLOUDED	MS	
M	5/01/2024	AMENDED AS CLOUDED	MS	
N	25/01/2024	AMENDED AS CLOUDED	MS	
O	19/02/2024	AMENDED AS CLOUDED	MS	
P	28/02/2024	AMENDED AS CLOUDED	MS	
Q	5/03/2024	AMENDED AS CLOUDED	MS	
R	13/03/2024	FOR CONSTRUCTION	MS	
S	26/03/2024	FOR CONSTRUCTION	MS	
T	24/05/2024	AS-BUILT	MS	



SITE LEGEND	
[Symbol]	SITE BOUNDARY
[Symbol]	STORMWATER PITS REFER TO CIVIL ENGINEERS DETAILS
[Symbol]	LANDSCAPE AREA
[Symbol]	SPRAYSEAL TO CIVIL ENGINEERS DETAILS
[Symbol]	ASPHALT LIGHT DUTY CARPARK TO CIVIL ENGINEERS DETAILS
[Symbol]	CONCRETE PAVEMENT TO CIVIL ENGINEERS DETAILS
[Symbol]	EXPOSED AGGREGATE CONCRETE
[Symbol]	NEW LEVELS TO CIVIL ENGINEERS DETAILS

FENCE LEGEND	
REFER TO DETAILS ON A1.1105 or A2.1105	
F1	FN-B 1800mm HEIGHT BLACK PVC COATED CHAINWIRE MESH FENCE WITH 3 ROWS OF BARBED WIRE (OVERALL HEIGHT 2100mm)
F2	FN-A 2100mm HIGH POWDERCOATED PALISADE TYPE METAL PICKET FENCE WITH MATCHING VEHICLE & PEDESTRIAN GATES
F3	F3 / FN-D 2700mm HEIGHT BLACK PVC COATED CHAINWIRE MESH FENCE WITH 3 ROWS OF BARBED WIRE (OVERALL HEIGHT 3000mm) WITH MATCHING VEHICLE GATES
F4	FN-C 1800mm HEIGHT BLACK PVC COATED CHAINWIRE MESH FENCE WITH MATCHING GATES
F5	FN-E 1800mm HEIGHT POWDERCOATED SLAT FENCE WITH MATCHING PEDESTRIAN GATE
F6	2100MM HIGH TEMPORARY GALVANISED CHAINWIRE MESH FENCING NO BARBWIRE OR CONCRETE - FENCE POSTS PNEUMATICALLY DRIVEN INTO NATURAL GROUND ONLY REFER TO DETAILS ON A1.1105 or A2.1105

CONSTRUCTION

LOGOS

Moorebank Intermodal Precinct

VAUGHAN CONSTRUCTIONS

Moorebank Intermodal Precinct
880 Lyster Road
Port Melbourne VIC 3207
T 03 9582 4444
F 03 9582 4444

Sydney
34 Commercial Road
Sydney NSW 2008
T 02 9582 4444
F 02 9582 4444

PROJECT:

WAREHOUSE DEVELOPMENT
MOOREBANK INTERMODAL PRECINCT
MOOREBANK NSW 2170

TITLE:

GROUND FLOOR PLAN -
WAREHOUSE - N1 - PART C

PROPRIETOR:

LOGOS

DATE:

24/05/2024

DTA architects
Nominated Architect:
NSW ARB No 9086, ARB No 19568

SCALE:

As shown @ B1
NTS @ A3

CHECKED BY:

FILE PATH: B:\Moorebank\Warehouse\Ground Floor Plan\Warehouse N1 Part C.dwg
PLOT DATE: Friday, 24 May 2024, 3:19 PM
DTA REFERENCE JOB NO: 2023.001
VC JOB NO: DRAWING NO: REVISION:

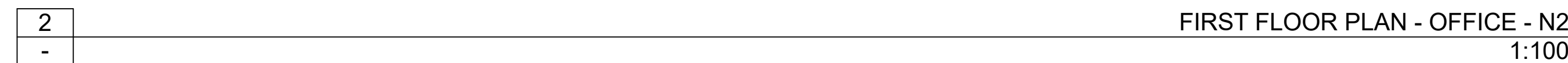
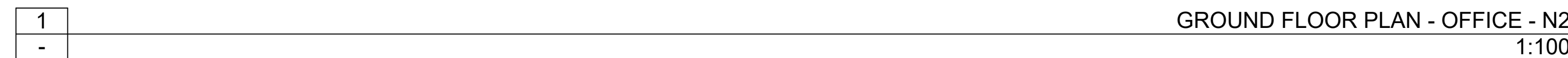
22-359 A1.203 T

ALL WORK SHALL CONFORM TO THE SPECIFICATION AND OTHER RELEVANT DRAWINGS. FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. CHECK ALL DIMENSIONS ON SITE. SHOP DRAWINGS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE COMMENCEMENT OF ANY FABRICATION.

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LOGOS

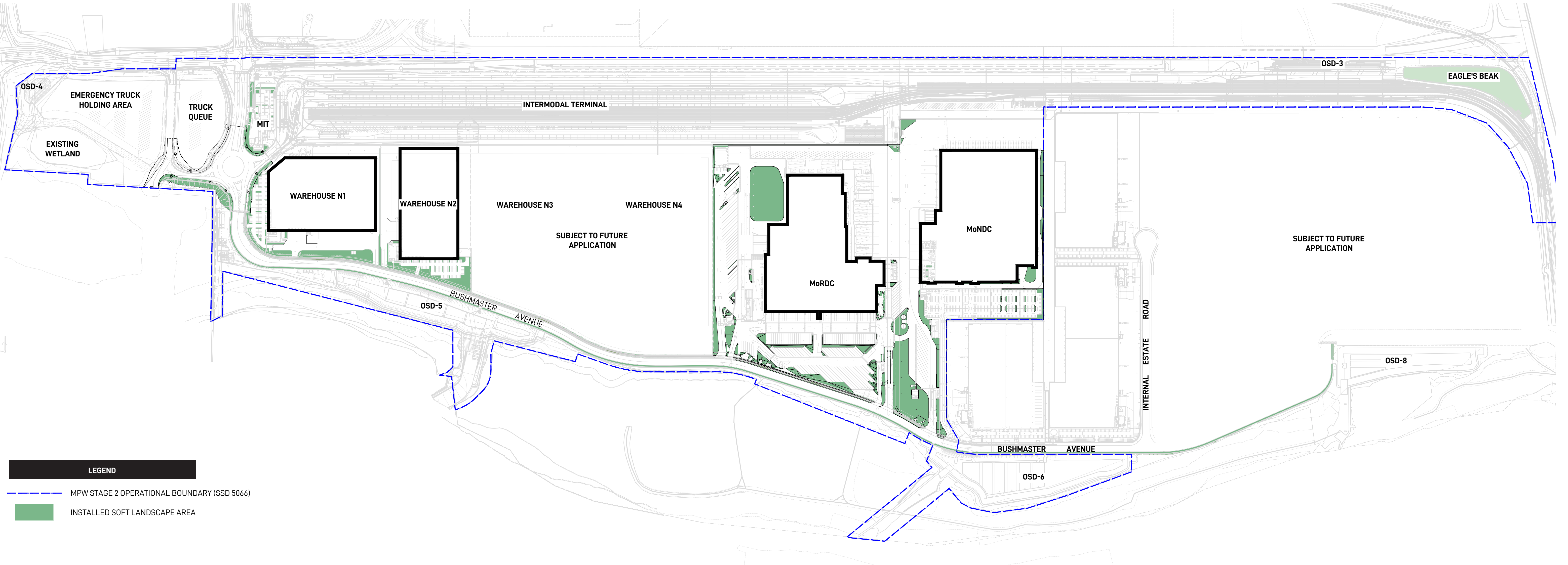
VAUGHAN CONSTRUCTIONS
Established 1965

Melbourne	Sydney
680 Larnier Street	84 Commercial Road
Port Melbourne VIC 3207	Jingyongme NSW 2206
PO Box 320 Port Melbourne	PO Box 461 Jingyongme
VIC 3207	NBW 2206
T 03 9582 1613	T 02 9502 4844
F 03 9582 1674	F 02 9502 4883

ALL WORK SHALL CONFORM TO THE SPECIFICATION AND OTHER RELEVANT DRAWINGS. FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. CHECK ALL DIMENSIONS ON SITE. SHOP DRAWINGS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE COMMENCEMENT OF ANY FABRICATION.

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Appendix E. Landscape Masterplan



NSW GOVERNMENT CONSOLIDATED CONSENT (SSD-7709)																							
COMPLETED AREA	AREA	TOTAL SITE AREA	SOFT LANDSCAPE AREA	HARD LANDSCAPE AREA	B48 URBAN HEAT ISLAND	B59 PEDESTRIAN & CYCLE PATHS	B61 OUTDOOR MEAL BREAK	B63 LANDSCAPE SETBACK	B64 CANOPY TREE AROUND PERIMETER	B66 STABILISED BATTERS WITH VEGETATION	B67 CUMBERLAND PLAIN WOODLAND SPECIES	B68 (A) LANDSCAPE AREA	B68 (B) 1 TREE/30M²	B68 (C) CARPARK LANDSCAPED BAY	B71 PLANTING AROUND WASTE & STORAGE	B73 RETAINING WALL MATERIALS	B75 LANDSCAPING DETAILS						
	WAREHOUSE N1	47,553M²	5,561M²	2,240M²	✓	✓	✓	✓	✓	✓	X (TREE SPECIES DO NOT CONFORM WITH TREE SPECIES LISTED WITHIN THIS CONDITION)	✓ (11% OF SOFT LANDSCAPE AREA IS INSTALLED)	X (ONLY 106 TREES HAVE BEEN INSTALLED. A TOTAL OF 186 TREES ARE REQUIRED TO COMPLY WITH THIS CONDITION)	✓	✓	✓	✓						
	WAREHOUSE N2	41,457M²	2,962M²	1,301M²	✓	✓	✓	✓	✓	✓	X (TREE SPECIES DO NOT CONFORM WITH TREE SPECIES LISTED WITHIN THIS CONDITION)	X (ONLY 7% OF SOFT LANDSCAPE AREA IS ACHIEVED)	X (ONLY 68 TREES HAVE BEEN INSTALLED. A TOTAL OF 99 TREES ARE REQUIRED TO COMPLY WITH THIS CONDITION)	✓	✓	✓	✓						
	MoRDC	149,031M²	18,791M²	2,092M²	✓	✓	✓	✓	✓	✓	✓	✓ (12% OF SOFT LANDSCAPE AREA IS INSTALLED)	✓	✓	✓	✓	✓						
	MoNDC	115,064M²	10,545M²	5,169M²	✓	✓	✓	✓	✓	✓	✓	X (ONLY 9% OF SOFT LANDSCAPE AREA IS ACHIEVED)	✓	✓	✓	✓	✓						
	MIT	3,188M²	1,690M²	855M²	✓	✓	N/A (NO OUTDOOR MEAL BREAK)	✓	✓	✓	✓	✓ (53% OF SOFT LANDSCAPE AREA IS INSTALLED)	X (ONLY 30 TREES HAVE BEEN INSTALLED. ADDITIONAL TREES ARE SUBJECT TO BE INSTALLED IN THE FUTURE PENDING MAAI INTERSECTION WORKS)	✓	N/A (NO WASTE & STORAGE)	N/A (NO RETAINING WALLS)	✓						
	TOTAL AREA COMBINED	356,293M²	39,549M²	11,657M²									✓ (11% OF SOFT LANDSCAPE AREA IS ACHIEVED AS A TOTAL CALCULATION)										
INCOMPLETE WAREHOUSE	WAREHOUSE N3	SUBJECT TO FUTURE DEVELOPMENT																					
	WAREHOUSE N4																						
INCOMPLETE OSD AREA	AREA	TOTAL SITE AREA	SOFT LANDSCAPE AREA	B48 URBAN HEAT ISLAND				B66 STABILISED BATTERS WITH VEGETATION			B67 CUMBERLAND PLAIN WOODLAND SPECIES			B73 RETAINING WALL MATERIALS		B75 LANDSCAPING DETAILS							
	OSD3	2,910M²	SUBJECT TO FUTURE DEVELOPMENT																				
	OSD4	1,480M²																					
	OSD5	17,130M²	IT IS NOTED THAT OSD 5 WILL ALSO CONTRIBUTE TO THE SOFT LANDSCAPE AREA CALCULATIONS AGAINST THE WAREHOUSE AREA BASED ON THE APPROVED B2 PLAN (VERSION S, 25/08/2023). WITH THE INCLUSION OF OSD 5, THE OVERALL MPW STAGE 2 DEVELOPMENT COMPLIES WITH CONDITION B68(A)																				
	OSD6	22,910M²	SUBJECT TO FUTURE DEVELOPMENT																				
	OSD8	12,770M²																					
PUBLIC DOMAIN WORKS	AREA	B48 URBAN HEAT ISLAND		B59 PEDESTRIAN & CYCLE PATHS		B60 MEANDERING PATHWAYS		B63 LANDSCAPE SETBACK		B64 CANOPY TREE AROUND PERIMETER		B65 FUTURE WAREHOUSING		B66 STABILISED BATTERS WITH VEGETATION		B67 CUMBERLAND PLAIN WOODLAND SPECIES		B72 NOISE WALL PLANTING		B74 NOISE WALL		B75 LANDSCAPING DETAILS	
	BUSHMASTER AVE WORKS	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
	MAAI & LOOP ROAD WORKS	SUBJECT TO FUTURE DEVELOPMENT																					
MOUND	AREA	SOFT LANDSCAPE AREA	NOTE: • THE ABOVE INFORMATION IS BASED ON THE PRECINCT-WIDE SITE INSPECTION CONDUCTED WITH ASPECT ENVIRONMENTAL DATED 11 APRIL 2025. THE LANDSCAPE AREA CALCULATIONS ARE DETERMINED ON THE 21 ST OF MAY 2025 AND ARE SUBJECT TO CHANGE FROM FURTHER DESIGN RESOLUTION IN THE NEXT QUARTERLY SITE INSPECTION • THE SITE INSPECTION ABOVE DOES NOT INCLUDE CONSIDERATION OF HARD LANDSCAPING WORKS INSTALLED ON SITE • IT IS RECOMMENDED THAT FUTURE ADDITIONAL TREE PLANTING SUPPLEMENTATION BE UNDERTAKEN FOR WAREHOUSE N1 & N2 AS PART OF MPW STAGE 2 LVMP WORKS TO CONFORM WITH CONDITIONS B67 CUMBERLAND PLAIN WOODLAND SPECIES & B68 (B) 1 TREE/30M² • IT IS NOTED THAT THERE WILL BE FURTHER WORKS COMPLETED WITHIN THE MAAI INTERSECTION SUBJECT TO TfNSW LANDSCAPING REQUIREMENTS IN DUE COURSE. ADDITIONAL FUTURE TREE PLANTING WILL RESULT IN MIT AREA CONFORMING WITH CONDITION B68 (B) 1 TREE/30M²																				
	EAGLE'S BEAK	9,418M²																					

Appendix F. CARAS Fill Register for Q4 2024

22/11/24	13:29	CGR110	2327711 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.00	
22/11/24	13:40	XO27MO	2327807 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.25	
22/11/24	13:31	XO94FO	2327821 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.65	
22/11/24	13:52	XO34GM	2327832 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.20	
22/11/24	14:00	XP65AM	2327848 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.25	
22/11/24	13:47	XP49BK	2327866 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
22/11/24	14:08	XO12UV	2327907 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.50	
22/11/24	14:03	XO25HC	2327952 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
22/11/24	14:56	XP80BI	2328187 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.25	
22/11/24	16:59	LNMS01	2328198 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.30	
22/11/24	14:55	LNMS02	2328382 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				16.00	
25/11/24	07:33	XO61PG	2333085 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.00	
25/11/24	07:39	XNS3DT	2333088 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	07:23	XO25HC	2333094 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
25/11/24	07:35	XP80BI	2333108 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.30	
25/11/24	07:40	LNMS01	2333116 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	07:36	XO79HE	2333132 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.40	
25/11/24	07:45	XP75AK	2333138 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.10	
25/11/24	07:37	CGR110	2333149 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.05	
25/11/24	07:37	XP59CX	2333162 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
25/11/24	07:36	XO27MO	2333174 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.20	
25/11/24	07:51	XO74IW	2333184 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.65	
25/11/24	07:41	XO57TE	2333201 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				16.30	
25/11/24	07:42	XO34GM	2333232 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.20	
25/11/24	07:42	10SHFT	2333254 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.60	
25/11/24	08:41	XP80DM	2333340 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.60	
25/11/24	07:43	XP46CV	2333646 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.25	
25/11/24	09:05	XO25HC	2334228 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.25	
25/11/24	09:20	CGR110	2334237 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.00	
25/11/24	09:11	XO79HE	2334243 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.50	
25/11/24	09:28	XP80BI	2334280 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.25	
25/11/24	09:28	XO27MO	2334287 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.25	
25/11/24	09:32	XNS3DT	2334294 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	09:41	XP59CX	2334315 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.35	
25/11/24	09:39	XO61PG	2334331 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.05	
25/11/24	10:04	XO74IW	2334344 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
25/11/24	09:50	XO34GM	2334377 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.35	
25/11/24	10:02	XP46CV	2334393 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.25	
25/11/24	10:00	LNMS01	2334403 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.40	
25/11/24	10:13	XO57TE	2334428 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				16.35	
25/11/24	10:17	XP75AK	2334476 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.20	
25/11/24	10:35	10SHFT	2334518 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.60	
25/11/24	10:36	XP80DM	2334555 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.60	
25/11/24	10:31	XO25HC	2334875 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
25/11/24	10:34	XO79HE	2334908 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.50	
25/11/24	10:48	XO12UV	2335474 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.45	
25/11/24	10:58	CGR110	2335497 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.00	
25/11/24	10:54	XO27MO	2335758 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.20	
25/11/24	10:57	XP80BI	2335780 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.20	
25/11/24	11:02	XNS3DT	2335823 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	11:14	XP59CX	2335832 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.35	
25/11/24	11:12	XO61PG	2335843 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.00	
25/11/24	11:20	XO34GM	2336087 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.30	
25/11/24	11:28	XP46CV	2336331 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.20	
25/11/24	11:44	XO74IW	2336341 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.40	
25/11/24	11:32	LNMS01	2336356 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	11:53	XP75AK	2336398 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.20	
25/11/24	11:59	XO57TE	2336451 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				16.30	
25/11/24	11:47	XO25HC	2336510 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
25/11/24	12:04	XO79HE	2336522 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.50	
25/11/24	12:14	XP80DM	2336539 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.65	
25/11/24	12:10	XO12UV	2336550 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.45	
25/11/24	12:13	CGR110	2336564 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.00	
25/11/24	12:18	XO27MO	2336569 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.20	
25/11/24	12:22	XP80BI	2336578 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.20	
25/11/24	12:23	XNS3DT	2336604 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	12:54	XP59CX	2336632 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.40	
25/11/24	12:38	XO61PG	2336644 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.05	
25/11/24	12:46	XP46CV	2336900 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.35	
25/11/24	12:55	XO34GM	2336935 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.30	
25/11/24	13:02	LNMS01	2336949 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	13:20	XP75AK	2337006 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.15	
25/11/24	13:08	XO25HC	2337017 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
25/11/24	13:36	XO74IW	2337035 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.75	
25/11/24	13:52	XO57TE	2337040 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				16.35	
25/11/24	13:26	XO79HE	2337050 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.40	
25/11/24	13:32	CGR110	2337061 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.00	
25/11/24	13:40	XO12UV	2337074 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.55	
25/11/24	13:42	XO27MO	2337081 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.10	
25/11/24	13:58	XP80DM	2337086 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.60	
25/11/24	13:53	XNS3DT	2337109 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.35	
25/11/24	13:58	XP80BI	2337115 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.25	
25/11/24	14:00	XO61PG	2337135 Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.00	

25/11/24	14:15	XP46CV	2337153	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.30	
25/11/24	14:23	XP59CX	2337316	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.40	
25/11/24	14:26	XO34GM	2337328	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.30	
25/11/24	14:24	LNMS01	2337340	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.40	
25/11/24	14:50	XO25HC	2337376	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.40	
25/11/24	15:08	XP75AK	2337397	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.25	
25/11/24	14:56	XO79HE	2337403	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.50	
25/11/24	15:16	XO74IW	2337434	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.60	
25/11/24	15:09	CGR110	2337440	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.10	
25/11/24	15:17	XO27MO	2337442	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.20	
25/11/24	14:31	XO12UV	2337451	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.50	
25/11/24	15:11	XN53DT	2337467	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.40	
25/11/24	15:36	XP80BI	2337485	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.25	
25/11/24	16:02	XP80DM	2337514	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.60	
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25/11/24	16:10	XO34GM	2337566	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.20	
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26/11/24	07:15	LNMS01	2338772	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.30	
26/11/24	07:03	XO25HC	2338786	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.35	
26/11/24	07:16	XO79HE	2338798	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.45	
26/11/24	07:17	XP09CG	2338817	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.05	
26/11/24	07:17	XP80BI	2338837	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.20	
26/11/24	07:01	XO94FO	2338856	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				17.70	
26/11/24	07:22	XO34GM	2338870	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.30	
26/11/24	07:25	XO74IW	2338885	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.65	
26/11/24	07:26	XO12UV	2338896	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.50	

Appendix G. Waste Monitoring

Maersk Contract Logistics (MCL)

Site Name: Moorebank, NSW
Reporting Period: 2024

Total Landfill 9.707 Tonnes
Total Recycled 14.007 Tonnes
Total Waste 23.714 Tonnes
Recycling Rate 59%

Sum of Mass (t)			
Management Method	Waste Type	Waste Category	Total
Bioreactor landfill	General Waste		0.371
	Plastic (Misc)	Plastic	0.257
Landfill	Cardboard	Paper & Cardboard	0.288
	General Waste		6.176
Recycling	Plastic (Misc)	Plastic	0.014
	Cardboard	Paper & Cardboard	4.054
	Confidential Paper	Paper & Cardboard	0.434
	Construction & Demolition	Construction & Demolition	4.300
	Mixed Recyclables	Mixed Recyclables	0.119
	Plastic (Misc)	Plastic	0.300
	Timber	Timber	4.800
Transfer station	General Waste		2.240
Unknown	General Waste		0.360
Grand Total			23.714

Years (Service Date)	(Multiple Items)	Maersk	2025
Months (Service Date)	(All)		

Sum of Mass (t)			
Management Method	Waste Type	Waste Category	Total
Bioreactor landfill	Cardboard	Paper & Cardboard	0.0352
	General Waste	General Waste	0.624
	Mixed Recyclables	Mixed Recyclables	0.0594
	Plastic (Misc)	Plastic	0.1573
		Plastics	0.1573
Bioreactor landfill Total			1.0332
Landfill	Cardboard	Paper & Cardboard	4.8704
	General Waste	General Waste	27.832
	Mixed Recyclables	Mixed Recyclables	0.1782
	Plastic (Misc)	Plastic	0.5291
		Plastics	0.8723
Landfill Total			34.282
Recycling	Cardboard	Paper & Cardboard	21.7184
	Construction & Demolition	Construction & Demolition	21.28
	Mixed Recyclables	Mixed Recyclables	0.4752
	Plastic (Misc)	Plastic	0.1716
		Plastics	2.2438
	Timber	Timber	4.62
Recycling Total			50.509
Transfer station	General Waste	General Waste	9.22
Transfer station Total			9.22
Unknown	Cardboard	Paper & Cardboard	1.824
	General Waste	General Waste	4.64
	Unknown waste type	Unknown	0
Unknown Total			6.464
Grand Total			101.5082

Years (Service Date)	(Multiple Items)	Maersk	2026
Months (Service Date)	(All)		

Sum of Mass (t)			
Management Method	Waste Type	Waste Category	Total
Bioreactor landfill	Plastic (Misc)	Plastic	0.0858
Bioreactor landfill Total			0.0858
Landfill	Cardboard	Paper & Cardboard	1.104
	General Waste	General Waste	15.896
	Plastic (Misc)	Plastic	0.286
Landfill Total			17.286
Recycling	Cardboard	Paper & Cardboard	27.1552
	Mixed Recyclables	Mixed Recyclables	0.1782
	Paper & Cardboard	Paper & Cardboard	6.624
	Plastic (Misc)	Plastic	1.7017
	Timber	Timber	4.76
Recycling Total			40.4191
Recycling (Contaminated)	Timber	Timber	2.34
Recycling (Contaminated) Total			2.34
Unknown	General Waste	General Waste	0.36
Unknown Total			0.36
Grand Total			60.4909

[illegible]

Waste Management Register



2025

Waste Contractor: **Kollect Group Pty Ltd**
ABN 30 819 917 049

General - 2x 3m Front Lift Bin **Weekly**

Cardboard - 1x 3m Front Lift Bin **Weekly**

Timber - 1x 23m Hook Lift Bin **adhoc**

Date	Waste type	Landfill	Recyclable	Comments
2/01/2025		General		
2/01/2025			Cardboard	
8/01/2025		General		
8/01/2025			Cardboard	
9/01/2025			Timber	
15/01/2025		General		
15/01/2025			Cardboard	
22/01/2025		General		
22/01/2025			Cardboard	
23/01/2025			Timber	
29/01/2025		General		
29/01/2025			Cardboard	
5/02/2025		General		
5/02/2025			Cardboard	
12/02/2025		General		
12/02/2025			Cardboard	
19/02/2025		General		
19/02/2025			Cardboard	
26/02/2025		General		
26/02/2025			Cardboard	
27/02/2025			Timber	

	site_name_operations	Paper_Cardboard_Recycling	Liquid_Waste	General_Waste
		tons	tons	tons
Jan-24	QL1 Warehouse Moorebank	2.30		4.60
Feb-24	QL1 Warehouse Moorebank	2.46		4.30
Mar-24	QL1 Warehouse Moorebank	3.65		5.30
Apr-24	QL1 Warehouse Moorebank	3.03		5.01
May-24	QL1 Warehouse Moorebank	2.75		6.03
Jun-24	QL1 Warehouse Moorebank	2.88		4.45
Jul-24	QL1 Warehouse Moorebank	3.32		5.63
Aug-24	QL1 Warehouse Moorebank	3.15		5.45
Sep-24	QL1 Warehouse Moorebank	3.09		6.01
Oct-24	QL1 Warehouse Moorebank	2.97		5.35
Nov-24	QL1 Warehouse Moorebank	2.76		5.37
Dec-24	QL1 Warehouse Moorebank	3.55		6.37
Jan-24	IMEX terminal Moorebank	1.10	0.98	2.30
Feb-24	IMEX terminal Moorebank	1.09	0.76	2.46
Mar-24	IMEX terminal Moorebank	1.01	0.81	2.60
Apr-24	IMEX terminal Moorebank	1.12	1.10	2.01
May-24	IMEX terminal Moorebank	1.23	0.91	3.06
Jun-24	IMEX terminal Moorebank	1.15	0.95	3.10
Jul-24	IMEX terminal Moorebank	1.11	0.83	3.65
Aug-24	IMEX terminal Moorebank	1.16	0.89	3.44
Sep-24	IMEX terminal Moorebank	1.05	0.91	3.34
Oct-24	IMEX terminal Moorebank	1.60	0.99	4.01
Nov-24	IMEX terminal Moorebank	1.40	1.01	3.56
Dec-24	IMEX terminal Moorebank	1.56	1.06	3.75

Years (Service Date)	2026
Months (Service Date)	(All)

N1 Q1 2026

Sum of Mass (t)			
Management Method	Waste Type	Waste Category	Total
Bioreactor landfill	Plastic (Misc)	Plastic	0.0858
Bioreactor landfill Total			0.0858
Landfill	Cardboard	Paper & Cardboard	1.104
	General Waste	General Waste	15.896
	Plastic (Misc)	Plastic	0.286
Landfill Total			17.286
Recycling	Cardboard	Paper & Cardboard	27.1552
	Mixed Recyclables	Mixed Recyclables	0.1782
	Paper & Cardboard	Paper & Cardboard	6.624
	Plastic (Misc)	Plastic	1.7017
	Timber	Timber	4.76
Recycling Total			40.4191
Recycling (Contaminated)	Timber	Timber	2.34
Recycling (Contaminated) Total			2.34
Unknown	General Waste	General Waste	0.36
Unknown Total			0.36
Grand Total			60.4909

RDC 012026

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NDC 012026

[illegible]

Appendix H. Reuse of Materials

5th October 2017



GREEN STAR CREDITS WITH ARC

To encourage environmentally responsible production, design and fabrication methods that result in efficient use of steel as a building material, the Green Building Council of Australia (GBCA) award one point in accordance with Design & As Built Credit 20 - Responsible Building Materials of the Green Star rating system;

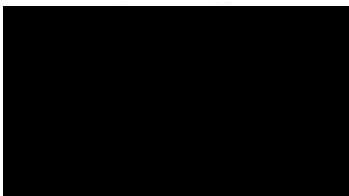
- 20.1 95% of the buildings steel is sourced from a Responsible Steel Maker; and
- B. *For Concrete framed buildings:* at least 60% (by mass) of all reinforcing bar and mesh is produced using energy reduced processing in its manufacture.
- ARC source all reinforcing steels from Liberty Onesteel. Liberty Onesteel is a Responsible Steel Maker with valid ISO 14001 certification and is also a member of the World Steel Association (WSA) Climate Action Plan (CAP).
 - Liberty Onesteel steel makers use Polymer Injection Technology in their Electric Arc Furnaces (EAF) as an energy-reducing process (ERP) achieving approx. 70% by mass of reinforcing steels using this technology – A Life Cycle Assessment (LCA) report is available on request.

Use of ARC reinforcing steel may also contribute to claiming Green Star points in accordance with Design & As Built Credit 21 – Sustainable Products;

- 21C Environmental Product Declaration.
- ARC's Environmental Product Declaration (EDP) meets the requirements of
 - o EN 15804 and ISO 14025 compliant
 - o Verified by an independent third party
 - o Cradle-to-gate scope

For further information on the Green Star rating system refer to the Green Building Council of Australia website www.gbca.org.au or contact your ARC account manager.

Yours Sincerely,



General Manager

8.0 LETTER OF COMPLIANCE

18 June 2024

This letter of compliance hereby confirms our construction of the landscaped areas associated with Moorebank Regional Distribution Centre is in accordance with plans provided by Ground Ink Landscape Architects.

Plans:

DRAWING REGISTER

SHEET NUMBER	TITLE	SCALE
JR-WD-L-00-0000	LANDSCAPE COVER SHEET	NA
JR-WD-L-00-0001	LANDSCAPE LEGEND AND PLANT SCHEDULE	NA
JR-WD-L-00-0002	FINISHES & MATERIAL SCHEDULE	NA
JR-WD-L-0-1200	GENERAL ARRANGEMENT PLAN	1:500
JR-WD-L-0-1500	DETAILED LANDSCAPE PLAN INSET 1	1:200
JR-WD-L-0-1501	DETAILED LANDSCAPE PLAN INSET 2	1:200
JR-WD-L-0-1502	DETAILED LANDSCAPE PLAN INSET 3	1:200
JR-WD-L-0-1503	DETAILED LANDSCAPE PLAN INSET 4	1:200
JR-WD-L-0-1504	DETAILED LANDSCAPE PLAN INSET 5	1:200
JR-WD-L-0-1505	STAFF OUTDOOR AREA PLAN	1:100
JR-WD-L-0-1506	OPERATIONS & ADMINISTRATION OFFICE	1:100
JR-WD-L-0-4000	LANDSCAPE DETAILS 1	AS SHOWN
JR-WD-L-0-4001	LANDSCAPE DETAILS 2	1:25

Areas of work included in this declaration:

- Soil installation
- Plant supply and planting
- Mulching/ Hydro Mulching
- Irrigation
- Turf
- Edging
- Paving
- Planters
- Maintenance

The work completed is in accordance with landscape specification as amended and varied throughout the course of works and Rock Face Landscapes amendments.

Yours sincerely





ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATE

Audit and Confirm by Beijing Grand Honour Certification Co., Ltd.

Anyang Iron & Steel Group Co., Ltd.

Anyang Iron & Steel Inc.

Unified social credit code: 91410000706780942L

Has established and implement an environment system in conformity with

GB/T 24001-2016/ISO 14001:2015 standard.

The scope covered by this management system:

Products and activities:

Production, sales and supporting activities of raw iron, billet, high-speed wire, thread steel, angle steel, trough steel, medium thick plate, hot rolled steel rolls, coke, coking byproducts, sintering ore, sintering desulfurization byproducts, industrial oxygen (gas, liquid), medical oxygen (gas, liquid), industrial nitrogen (gas, liquid), pure argon (gaseous, liquid) products.

Physical locations:

Angang Plant Area, No. 502, Angang Avenue, Meiyuanzhuang, Yindu District, Anyang City, Henan Province.

Certificate registration:02221E3045R5L

Issuing date:Aug.2, 2021

Effective date: From Aug.2, 2021 to Aug.1, 2024

The certified organization should accept the annual surveillance audit on schedule. This certificate shall be used in conjunction with annually surveillance audit stamp issued by GHC.

First surveillance
before Aug.1, 2022

(Authorized Representative)



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C022-M



GHC Add: Fuhai Center, Building No. 3, Room 307,
Daliushu Road, Haidian District, Beijing, China.

The validity of this certificate can be verified from the following website www.cnca.gov.cn & www.cmiqc.com

Formaldehyde Emission Test Certificate

Thursday 25th November 2021

Supplier: Borg Manufacturing ()

Sample Description: Polytec Compact Laminate Panel

Date Tested: November 2021 (Tested by FORAY Laboratories – NATA Accreditation 1231)

Test Method: ASTM D5116-2017 “Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Material/Products”.

Emission Data (7 days):

Green Building Council of Australia Green Star Design & As Built V1.3 - 13.1.2B & 13.2 Green Star Interiors V1.3 - 12.1.2B	Polytec Compact Laminate
Formaldehyde Emission Rate Limit: $\leq 0.100 \text{ mg/m}^2/\text{hr}$	Formaldehyde Emission Rate: $0.008 \text{ mg/m}^2/\text{hr}$

V2111037



Project Sustainability Report

58115 AZZURRI CONCRETE GROUP PTY LTD

Date Range: 06/2021 - 07/2023

Project Name: STAGE 1 WOOLWORTHS JNDC

MATERIALS	Total (Kg)
Cement	8,410.839.40
Fly Ash	898,749.30
Slog	319,830.90
Silica Fume	-

SUMMARY STATS	Value	GreenStar
ion vs Green Star	24%	0
Recycled Water	61%	0.5
Manufactured Sand	25%	0
Volume (m ³)	25,044.600	
GreenStar Rating		0.5

Month/Year	Suburb	Site to policy	Product	Product Name	Strength Grade (Mpa)	Local Qty (m³)	Current (kg)	SCMs (kg)	Green Star Ref (kg of CO ₂ emitted)	Cement Reduction vs Reference Material (kg)	Estimated Recycled Water (L)	Estimated Recycled Water %	Total Fine Aggregate (kg)	Manufactured Sand Percent of Total (%)	Circular Aggregate %	Circular Total %	
08/2021	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	ZP22AD26P	WOOLWORTH'S P/160/M20/50/F16	32	219.2	811.823.10	87.39.00	766.512.00	2.0%	393.210.81	86.2921.13	24%	1,599.001.0	2,924.56	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	ZP22AD26P	WOOLWORTH'S P/160/M20/50/F16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1721.13	24%	1,105.762.90	478.133.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS/22/64/40/201/20	40	1369.5	474.818.00	834.469.00	899.674.00	27.1%	267.070.43	203.126.94	81%	1,158.970.75	497.033.67	43%	0%
08/2022	MOOREBANK	STAGE 1: WOOLWORTH'S INDIC CHATHAM AV	P1402AD34	POSI/FIN/MS													



Polytec

2 Wella Way Somersby NSW 2250

This is to Certify that the following Product/s have been found in conformance with the Global GreenTag^{CERT™} Scheme Standard for the Tier and Level noted herein:

Customwood E0 MR MDF/LDF
GreenRate Level A

GreenStar ® 'Building v1.0' Rating Tools Credits:

Credit 7, Credit 9, Credit 13

GreenStar ® 'Design and As Built v1.3' and 'Interiors v1.3' Rating Tools Credits:

Sustainable Products, Indoor Pollutants

GreenStar ® 'Performance v1.2' Rating Tool Credit:

Procurement and Purchasing: Refurbishment Materials

Licenced Sites:

Oberon, Somersby

Licence No.:

BOR:CW01:2021:GR

Licence Date:

17 February 2015

Latest Revision Date:

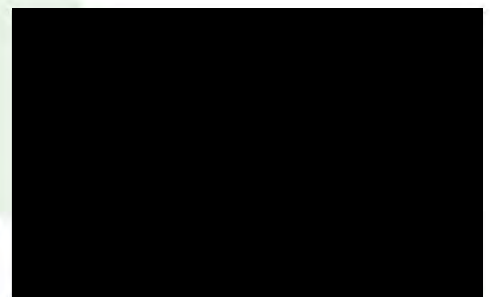
20 January 2022

Valid to:

17 February 2023

GreenTag^{CERT™} Standard:

Standard Version 4.0





Benefits of using this EPD

- Provides an independently verified representation of the environmental impact of the Liberty Primary Steel product going into your project.
- Complies with the requirements of a valid EPD that is recognised in the Green Star Design & As Built v1.3 and Innovation Challenge of Green Star legacy tools by the Green Building Council of Australia (GBCA).
- Complies with the requirements of IS[®] rating tool by the Infrastructure Sustainability Council (ISC).



**Green Building
Council Australia**
Member 2020-2021

Green Star[®] Points

This EPD complies with requirements under the Green Building Council of Australia's rating tool, Green Star – Design & As Built v1.3.

Green Star points for EPDs can be claimed under the Sustainable Products credit when the following criteria are met:

- ✓ EN 15804 and ISO 14025 compliant
- ✓ Verified by an independent third party
- ✓ Cradle-to-gate scope.

This EPD meets these requirements.



This EPD complies with requirements under the Infrastructure Sustainability Council's IS[®] rating scheme:

- ✓ Compliant with ISO 14025
- ✓ Compliant with EN15804
- ✓ Verified by a third party.

This EPD may help your project achieve ISv2.0 Rso-7 or ISv1.2 Mat-2 credits under the IS[®] rating scheme.

SECTION 6.0 – WARRANTIES & GUARANTEES

WARRANTIES AND GUARANTEES

02/08/2023

ATTN: [REDACTED]
[REDACTED]

Re: National Distribution Centre, Moorebank Intermodal West - Warranty of Workmanship

Dear [REDACTED]

We hereby warrant that the paving workmanship completed to National Distribution Centre, Moorebank Intermodal West as described in page 4 of this document & as per our submitted quotation 'RCC - Janus National Moorebank - STPM Quote - Rev H (Austral)' for a period of 52 weeks from the completion of our works dated 15/04/2023.

This warranty is conditional upon the pavement being maintained in accordance with the instructions provided in this maintenance manual. This warranty is only valid if signed and returned by client.

Please do not hesitate in contacting our offices on [REDACTED] should any further assistance be required.

[REDACTED]



Project Sustainability Report

158115 AZZURRI CONCRETE GROUP PTY LTD

Date Range: 06/2021 - 07/2023

Project Name: STAGE 1 WOOLWORTHS JNDC

MATERIALS	Total (Kg)
Cement	8,410.839.40
Fly Ash	898,749.30
Slag	319,830.90
Silica Fume	-

SUMMARY STATS	Value	GreenStar
on vs Green Star	24%	0
Recycled Water	61%	0.5
Manufactured Sand	25%	0
Volume (m ³)	25,044.600	
Greenstar Rating		0.5

Month/Year	Suburb	Site to policy	Product	Product Name	Strength Grade (Mpa)	Local Qty (m³)	Current (kg)	SCMs (kg)	Green Star Ref (kg of CO ₂ emitted)	Cement Reduction vs Reference Mix (kg)	Estimated Recycled Water (L)	Estimated Recycled Water %	Total Fine Aggregate (kg)	Manufactured Sand Percent of Total (%)	Circular Aggregate %	Circular Total %	
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	219.2	811.823.0	87.39.00	766.512.00	2.0%	393.210.81	86.2921.13	24%	1,599.001.0	2.924.56	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813.67	0%	1%
08/2021	MOOREBANK	STAGE 1: WOOLWORTHS INDC CHATHAM AV	ZP22AD26P	WOOLWORTHS/P22AD26P/50/16	32	182.5	540.100.0	28.104.80	513.000.00	2.6%	294.380.25	89.1272.13	24%	1,105.762.90	4.7813		

Appendix I. Energy Efficiency



Outlook





Base build of warehouses has the lighting systems which you should be able to make comment on, these are on the installed sensors and/or timers. The lighting systems are still LED's. We have not essentially connected "Plant" that would be deemed energy efficient so would sit outside the requirement to report on them. Warehouse 6 is still in the setup phase.

Thermal comfort within the offices are part of base build which you should be able to comment on and these are still on timer for business hours use.

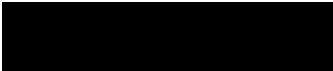
With respect to Forklifts. There are no real energy efficiencies known to me by using electric over other fossil fuels other than where the energy might be sourced at the particular time of day. However, for your purposes you may wish to indicate that:-

Warehouse 5 contains 26 Forklift/Highreach and pallet runners which are alternate fuel sourced vehicles being battery electric. The Tennant is also runs gas powered MHE which will in due course and availability of product and appropriate approvals be transitioned to electric.

Warehouse 6 contains 10 Forklift/Highreach and pallet runners which are alternate fuel sourced vehicles being battery electric. There is also a contingent of gas powered MHE which like warehouse 5 will follow the same procurement process for alternate powered equipment in the future.

Not sure of the format that you are reporting this in so makes it hard to tick a box. Maybe for next year seeing that you have the dates you can prepare a format of sorts for the tenancies.

Cheers



[REDACTED]

Qube Logistics

IMEX Administration Building, Container Place, Moorebank NSW 2170

[REDACTED]@qube.com.au



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Safety is always on,
so we should be too.



in    [qube.com.au](https://www.qube.com.au)

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Re: Sydney Tools - Compliance Reporting - Condition B49 - Use Of Energy Efficient Plant And Equipment

[Redacted]

Hi [Redacted]

We have only electric forklifts onsite.

Kind Regards,

[Redacted]

Sydney Tools Roselands

30A Eva Street

Roselands, NSW, 2196

Sydney Tools Moorebank

N2 WEST, 9 Bushmaster Ave

Moorebank, NSW, 2170

[Redacted] [@sydneytools.com.au](mailto:[Redacted]@sydneytools.com.au) | [Redacted]

www.sydneytools.com.au

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On Fri, Jul 18, 2025 at 1:13 PM [Redacted] [@au.knightfrank.com](mailto:[Redacted]@au.knightfrank.com)> wrote:

Good afternoon, [Redacted]

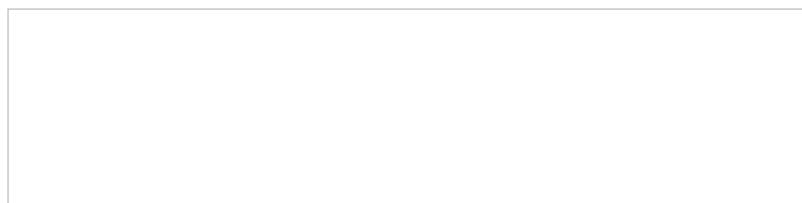
Would you please be able to provide Sydney Tool's statement to satisfy the condition requirements?

Regards,

[Redacted]

[Redacted] [knightfrank.com.au](mailto:[Redacted]@knightfrank.com.au)
Australia



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From: [REDACTED] <[REDACTED]@au.knightfrank.com>

Sent: Wednesday, 16 July 2025 10:35 AM

To: [REDACTED]

Subject: RE: Sydney Tools - Compliance Reporting - Condition B49 - Use Of Energy Efficient Plant And Equipment

Hi Sydney Tools Team,

I am following up on the below.

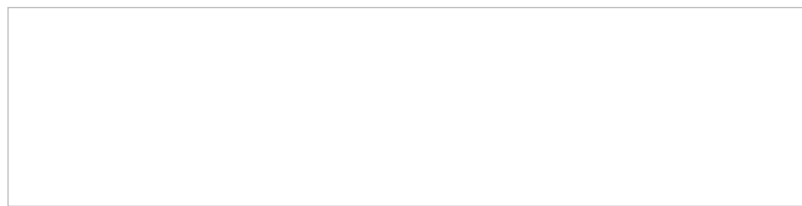
Can you please confirm that Sydney Tools are working towards providing an update on this condition?

Regards,



M: +[REDACTED] <[REDACTED]@knightfrank.com.au>

Australia



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From: [REDACTED] <[REDACTED]@au.knightfrank.com>

Sent: Monday, 14 July 2025 11:25 AM

To: [REDACTED] <[REDACTED]@sydneytools.com.au>; [REDACTED] <[REDACTED]@sydneytools.com.au>

Cc: [REDACTED] <[REDACTED]@au.knightfrank.com>; [REDACTED] <[REDACTED]@au.knightfrank.com>; [REDACTED] <[REDACTED]@sydneytools.com.au>;

[REDACTED] <[REDACTED]@aspectenvironmental.com.au>

Subject: Sydney Tools - Compliance Reporting - Condition B49 - Use Of Energy Efficient Plant And Equipment

Good morning,

I hope you're well.

As part of our regular compliance reporting, we need to provide details about energy-efficient equipment to our reporting representative now that Warehouse N2 is operational. Please refer to condition B49 below:

Condition B49 (b) use of energy efficient plant and equipment;	We require evidence / advice from the operating equipment within their warehouse.
--	---

Could you please share a brief statement or email outlining the energy-efficient moving plant (e.g., forklifts and machinery) that Sydney Tool's has installed or is operating at N2? If there's a register or list of this equipment available, it would be great if you could attach that as well.

We'd appreciate receiving this by COB Friday, 18 July 2025.

Thanks in advance for your help.

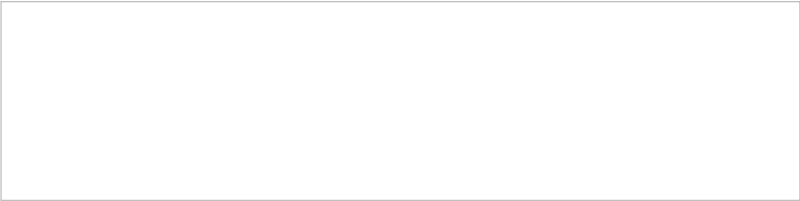
Regards,



Senior Facilities Manager

 [knightfrank.com.au](mailto:_____@knightfrank.com.au)

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RE: MLP MPW - UDDR reporting

From [REDACTED]@lms.maersk.com>

Date Thu 10/30/2025 11:09 AM

To [REDACTED]@au.knightfrank.com>

Cc [REDACTED]

Hey [REDACTED] hope you are well!

Please note Maersk at N1 are using all electric MHE's.
Counterbalance, High Reach and Sweepers are all electric.

No MHE on site is gas or diesel.

Thanks,



[REDACTED] Maersk
8 Bushmaster Ave
Moorebank NSW 2170
Australia

ABN: 70 006 211 052
ARBN: 600 976 725
www.maersk.com



From: [REDACTED]@au.knightfrank.com>
Sent: Thursday, 30 October 2025 11:02 AM
To: [REDACTED]@lms.maersk.com>
Cc: [REDACTED]
Subject: MLP MPW - UDDR reporting

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Good morning [REDACTED]

As discussed, as part of our regular compliance reporting, we need to provide details about energy-efficient equipment to our reporting representative now that Warehouse N1 is operational. Please refer to condition B49 below:

Condition B49 (b) use of energy efficient plant and equipment; We require evidence / advice from the operating equipment within their warehouse.

Could you please share a brief statement or email outlining the energy-efficient moving plant (e.g., forklifts and machinery) that Maersk has installed or is operating at N1? If there's a register or list of this equipment available, it would be great if you could attach that as well.

Regards,







knightfrank.com.au

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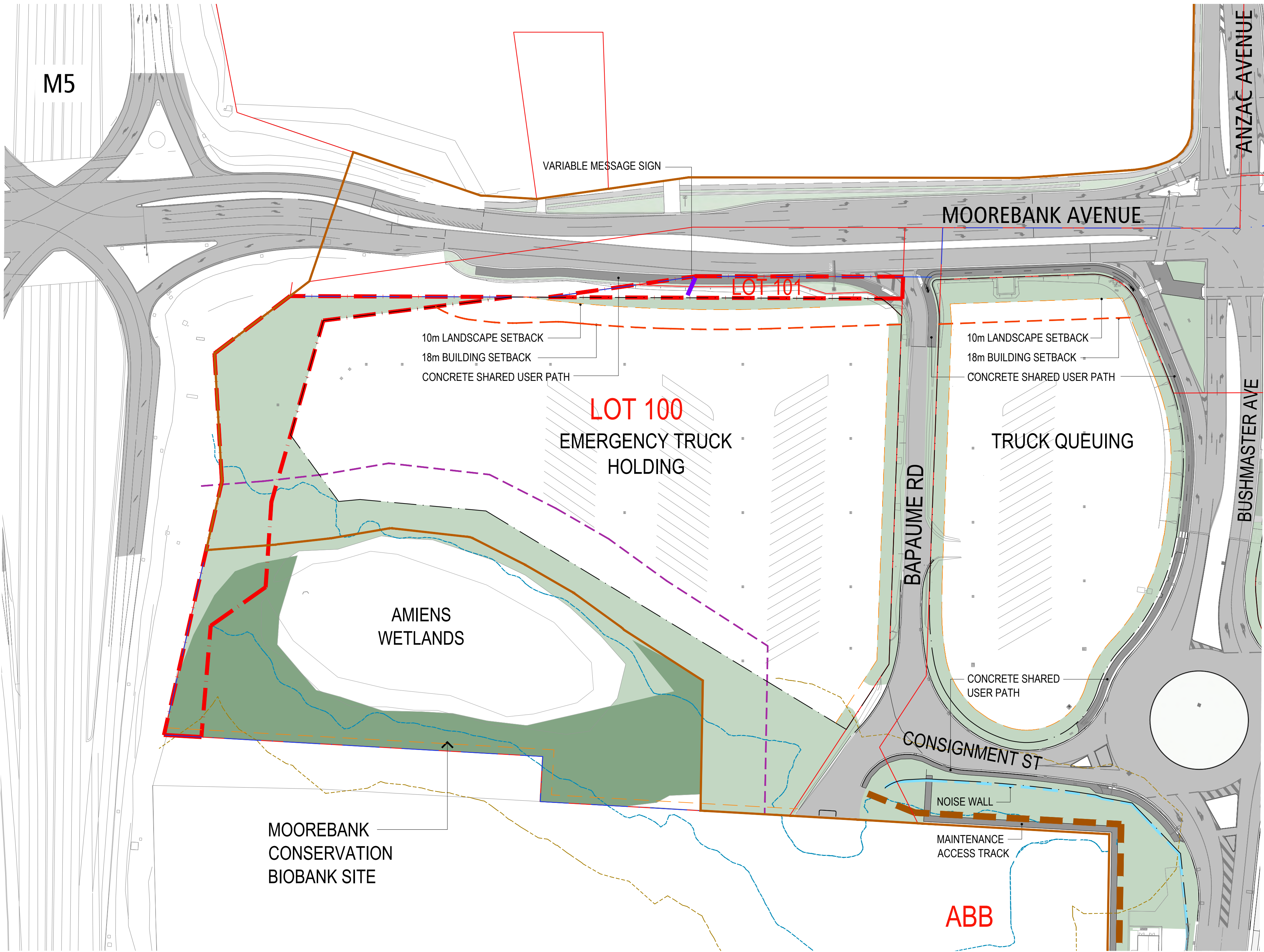
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Classification: Internal

Appendix J. Northern Area of MPW Stage 2 Site Plan

POST APPROV



Issue	Description	Date
A	ISSUED FOR INFORMATION	29.07.2025
BUILDER TO CONFIRM ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF ANY PART OF THE WORKS.		
FIGURED DIMENSIONS TAKE PRECEDENCE. DO NOT SCALE FROM THE DRAWING.		
ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS, SCHEDULES AND PROJECT ENGAGEMENT DOCUMENTS.		
THE MASTER PLANNING ARCHITECT IS TO BE CONSULTED REGARDING ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF ANY PART OF THE WORKS.		
ALL WORK IS TO CONFORM TO RELEVANT CURRENT AUSTRALIAN STANDARDS AND ALL OTHER APPLICABLE CODES ALONG WITH ANY LOCAL AUTHORITIES REQUIREMENTS & REGULATIONS		