

Quarterly Report: Q1 2025

Urban Design Development Report

Moorebank Precinct West Stage 2



Moorebank Intermodal Precinct West Stage 2

SSD 7709

UDDR Quarterly Report – Q1 2025

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Acronyms and Definitions

Acronym / Term	Meaning
Albedo	The amount of the light hitting a surface that it reflects back. Described in percentages or on a scale from 0 to 1.
ARI	Average recurrence interval
B2 Plan	Plan required by MPW Stage 2 CoC B2
CoC	Condition(s) of consent
DPHI	Department of Planning, Housing and Infrastructure
ESR	ESR Australia and NZ
GPT	Gross pollutant trap
INTS	Interstate Rail Terminal
LOGOS	LOGOS Pty Ltd
MIP	Moorebank Intermodal Precinct
MoNDC	Moorebank National Distribution Centre
MoRDC	Moorebank Regional Distribution Centre
MPE	Moorebank Precinct East
MPW	Moorebank Precinct West
OSD	On-site detention basin
RLDD	Revised landscape design drawings
SDDR	Stormwater Development Design Report
SIMTA	Sydney Intermodal Terminal Alliance. SIMTA owned the MIP site prior to ESR
SSD	State significant development
SSD 7709	MPW Stage 2
The Development	The MPW Stage 2 Development
UDDR	Urban Design Development Report (Reid Campbell, September 2022)
UHIMS	Urban Heat Island Mitigation Strategy
WSUD	Water sensitive urban design

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1. Introduction

1.1. Moorebank Intermodal Precinct

The Moorebank Precinct East (MPE) and Moorebank Precinct West (MPW) Developments are being developed as part of the broader Moorebank Intermodal Precinct (MIP), operated by ESR Australia & NZ (ESR) (formerly LOGOS Pty Ltd (LOGOS)). When completed, the MIP will move 1.05 million shipping containers annually. It will also feature Australia's largest purpose-built warehouse and distribution precinct, serviced by automated technology which will see driverless shuttle carriers collect and transport containers around the precinct to be processed, unpacked and stored on site or distributed in smaller consignments.

Construction and operation activities are currently underway across the MIP, for both the MPE and MPW Developments.

1.2. The MPW Stage 2 Development

The approval for the construction and operation of the MPW Stage 2 Development (SSD 7709), which comprises the second stage of the Development under the MPW Concept Approval (SSD 5066), was received in November 2019.

The MPW Stage 2 Development (the Development) involves the construction and operation of a multi-purpose intermodal (freight) terminal facility, rail link connection, warehousing, freight village, and upgrades to the Moorebank Avenue and Anzac Road intersection and the subdivision of site including ancillary works.

Notification of the commencement of operation of warehouses on MPW Stage 2 (State significant development (SSD) 7709) was provided to the Department of Planning, Housing and Infrastructure (DPHI) on the 27 May 2024. Since then, completed warehouses have progressively commenced operations.

1.3. Approved Urban Design Development Report

CoC B52 of the MPW Stage 2 Development Consent states that an Urban Design Development Report (UDDR) and associated drawings must be submitted to the Planning Secretary for approval prior to commencement of relevant permanent built surface works and/or landscaping.

The UDDR aims to establish a set of detailed objectives to create a facility that is efficient in its intended operations and provides for local and regional amenities. It incorporates ecologically sustainable design initiatives, water sensitive urban design (WSUD) including water storage and reuse, urban heat island mitigation strategies, landscape design sympathetic to the surrounding vegetation and passive and active measures employed in the design of buildings and logistic operations.

The Planning Secretary approved the latest version of the UDDR (Revision 7, dated September 2022) and associated drawings on the 27 September 2023.

1.4. Scope and Purpose

As part of the UDDR Revision 5 approval (12 August, 2020), the Planning Secretary included a requirement to provide quarterly progress updates on the implementation of UDDR strategies under CoC B48, B49, B58, B75, B76, B77, B78, B80 and B81 until all design aspects of the MPW Stage 2 Development are successfully implemented.

This UDDR Quarterly Report provides the Q1 2025 progress update on the implementation of UDDR strategies under the above-mentioned MPW Stage 2 CoC.

In the UDDR Revision 6 approval letter (11 September, 2021), the Planning Secretary included a number of additional conditions to be satisfied. These conditions are addressed below in Table 1-1.

Table 1-1 – UDDR Conditional approval requirements (11 September 2021)

Condition	Response
The UDDR includes 122 bicycle spaces for 1318 car spaces. You are reminded to provide 1 staff bicycle space per 10 staff (or 1 per 10 spaces if the staff numbers are undetermined), in accordance with Condition B62(a)	Table 2-2 of this report provides the compliance of operational elements of the Development against this condition. These details will continue to be updated each quarter as additional warehouse and freight village facilities become operational.
Section 3.3 of the UDDR seeks variation under B63(a) to allow for construction within the required 18m setback from Moorebank Avenue. This variation can only be approved once the design for the Moorebank Avenue / Anzac Road intersection has been finalised.	The current Development design achieves the required setbacks under Condition B63(a) and no variation is sought from the Planning Minister. This matter was reported as being closed in the Q4 2024 quarterly update report, which was approved by DPHI 16/05/2025.
A plan of the northern area of MPW Stage 2 (emergency truck holding area and truck queueing) at the required 1:1000 @ A1 scale has not been provided. Please provide to the Department for information.	This plan is currently under preparation and will be included in a future update, for information.

Table 2-2 provides further details in relation to the implementation of the UDDR.

1.5. Reporting Period

This UDDR Quarterly Report covers the reporting period from 1 January 2025 to 31 March 2025.

2. UDDR Strategy Implementation

This section describes the current operational status of MPW Stage 2 including the warehouses and the Interstate Rail Terminal (INTS). It also reports on the implementation of strategies under the UDDR for the Precinct.

2.1. Warehouse Status During Reporting Period

Table 2-1 shows the operational status of warehouses.

Table 2-1 – Operational status of warehouses

Warehouse	Operational Status
Warehouse N1 – Maersk	Operational
Warehouse N2 – Sydney Tools	Operational
Warehouse N3 – TBA	Not yet commenced construction
Warehouse N4 – TBA	Not yet commenced construction
Warehouse 5 –Primary Connect – Moorebank Regional Distribution Centre (MoRDC)	Commissioning
Warehouse 6 –Primary Connect – Moorebank National Distribution Centre (MoNDC)	Operational

2.2. Rail Terminal Status

The INTS was ready for operations from May 27, 2024.

2.3. Status of UDDR Implementation

A review of the relevant CoC identified within the approved UDDR, the strategies for addressing each CoC, and the implementation status is provided in Table 2-2. This table shows the progress made during this quarter along with a status of either 'completion' or 'still in progress'. For progress made during previous quarters please see the relevant past reports.

Evidence of implementation is provided in Appendix A.

Table 2-2 – Status of UDDR Implementation

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
B48	The Development must be designed and operated to meet Urban Heat Island Mitigation principles and to achieve a 4C degree decrease in temperature compared to neighbouring industrial developments by including measures such as:	Section 2.2 of the UDDR addresses all of the Urban Heat Island Mitigation principles. The 'Urban Heat Island Mitigation Strategy' (UHIMS) prepared by SIMTA covering the MPW Stage 2 Precinct provides further detail about how cooling is intended to be achieved. Part 2 of the UDDR has UHIMS modelling and a UHIMS report. Appendix 4.4, a UHIMS report by Integral Group, found that cooling of 4C degree was able to be achieved.	*See comments below		
	(a) WSUD elements such as wetlands;	Section 3.9 of the UDDR identifies the following strategies for WSUD within MPW Stage 2 (this is supported by the Stormwater Development Design Report (SDDR) (Rev C, 29/04/2020, Costin Roe): - limiting post-development flow to pre-development flows by implementing a series of detention tanks and open basins sized for the 1:100 ARI (average recurrence interval) storm event - achieving water quality and pollution reduction through implementation of a treatment train including GPTs and bio-	WSUD elements are progressively being implemented in accordance with the latest approved SDDR (Rev C, 29/04/2020, Costin Roe), through on-site detention (OSD) basins, overland flow paths, and rainwater tanks. Post-development flow has been limited by the implementation of OSD basins (Appendix A, Figure 5). The SDDR identifies warehouse finished floor levels should be above 1% AEP flood level. Operational warehouse finished floor levels are listed below and comply with this requirement: - N1 – 17 mRL - N2 – 17.1 mRL - MoNDC 17.0 mRL		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
		retention systems, including within the OSD basins - managing flood flow events by locating infrastructure 500mm above the 1% annual exceedance probability (AEP) flood level and providing overland flow paths - rainwater reuse tanks included for each warehouse, freight village and IMT. Rainwater to meet demand for irrigation, internal non-potable uses & container washdown facility - landscape design would be integrated into the stormwater system and drainage infrastructure to improve visual amenity.	- MoRDC 17.0 mRL. Rainwater tanks have been installed to date at Warehouses N1, N2, MoNDC and MoRDC (Appendix A, Figure 8). Landscaping has been integrated into the stormwater design at the following elements: - OSDs - Overland flow paths and stormwater drains See Appendix A (Figures 1 to 8). No additional WSUD elements were implemented during the reporting period. The progressive implementation of this strategy will be confirmed in future UDDR Quarterly Reports.		
	(b) shade tree planting;	Section 2.2 of the UDDR states that <i>the UHIMS addresses shade tree planting</i>. The UHIMS modelling on page 4 of the UDDR Part 2 states that <i>the MPW Precinct is to have 12% tree canopy shading based on a 1 per 30m² tree spacing method</i>.	Tree spacing of 1 per 30m² is required as part of the updated Development Layout Drawings (refer to CoC B2 Plan). A site inspection was completed by specialist landscape consultant (GroundInk; 11 April, 2025) to confirm the extent of progressive implementation of landscaping and inform preparation of a plan (Appendix E) identifying where landscaping has been implemented to date.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
			This plan includes identification of areas where shade tree planting has been implemented. An example of shade tree planting has been provided in Appendix A (Figure 9). No additional shade tree planting was implemented during the reporting period. The implementation of this strategy will continue to be reported on in future UDDR Quarterly Reports.		
	(c) vegetation ground cover;	Section 2.2 of the UDDR states the UHIMS addresses vegetation ground cover. The UHIMS modelling on Page 4 of Part 2 of the UDDR identifies that vegetation ground cover (including the conservation area) has been designed to cover 22% of the site area.	This report considers implementation of the UDDR within the bounds of the MPW Stage 2 site but excluding the conservation area. Appendix E provides a plan identifying areas that have been landscaped to date within the MPW Stage 2 footprint. These areas include ground cover. An example of planting is provided in Appendix A (Figure 10). Vegetation cover is progressively being implemented in accordance with the approved B2 Plan. No additional ground cover vegetation was implemented during the reporting period. The implementation of this strategy will be confirmed in future UDDR Quarterly Reports.		
	(d) use of 'cool' building and pavement materials (i.e. those with high reflectivity in the infrared spectrum); and	The UHIMS modelling in Section 4.4 of the UDDR Part 2 identifies that <i>all roofs are to be built with materials that have a cool-roof treatment (albedo of 0.65).</i>	Cool-roof treated building materials have been implemented for the roofing of Warehouses N1 and N2. The BlueScope Steel Warranty Advice (BlueScope, 6/3/24) provides the types of cool roof treated materials utilised for Warehouse N1 and N2. Review of the product website indicates		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
			the selected material has a solar reflective index (equivalent to albedo) of 0.81 (see Appendix B). The external finishes schedule provided to the contractor for the construction of Warehouse MoNDC on 24/03/2023 shows that the finish on the roof had an albedo of 0.81. This is consistent with the strategy identified in the UDDR. See Appendix B for more information. The BlueScope Steel Warranty Advice (BlueScope, 2/7/24) provides the type of cool roof finish for MoRDC. Solar albedo is 0.81 and satisfies this condition. See Appendix B for more information. The continued implementation of this strategy will be confirmed in future UDDR Quarterly Reports.		
	(e) green roofs.	(e) green roofs were not included in design as they are not suitable for an industrial project.	Consistent with UDDR - not appropriate for the Development.		
B49	The Development must be designed and operated to meet ESD principles and include measures such as the following:	Section 2.3 of the UDDR addresses Ecologically Sustainable Development in detail.	*See comments below		
	(a) passive solar design;	Section 2.3 of the UDDR identifies that buildings will be orientated to facilitate solar power capture of the northern sun, designed to incorporate overhanging eaves and awnings, warehouses will utilise cross-ventilation.	Warehouse N1, N2, MoNDC and MoRDC have been constructed with an orientation facilitating the northern sun. They have also been constructed incorporating overhanging eaves and awnings and utilising cross ventilation. See Appendix A (Figures 13 to 15) for evidence of implementation.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
			No additional implementation of this strategy occurred during the reporting period. This will continue to be implemented as the Development becomes progressively operational.		
	(b) use of energy efficient plant and equipment;	Section 2.3 of the UDDR states the use of energy efficient plant and equipment will be managed through plant and equipment being compliant with SIMTA's internal Environmental Management System's Plan. Section 2.3 also states that efficient plant and equipment will be addressed in more detail per tenant requirements.	Warehouses that are currently operational have implemented energy efficient plant and equipment in line with the MPW Stage 2 and Stage 3 Operational Environmental Management Plan (ESR, May 2024). During the reporting period evidence was provided (Appendix I) that showed energy efficient plant and equipment were being used in Warehouses MoRDC and MoNDC. Electric forklifts and high reach pallet runners are used in both warehouses. The remaining gas powered forklifts and high reach pallet runners are planned to be transitioned into electric powered ones. This will continue to be implemented as the Development becomes progressively operational.		
	(c) use of renewable energy sources;	Section 2.3 of the UDDR identifies that solar panels are to be installed on 30% of warehouse roof surface area, where feasible. It also aims for the solar panels to be visually unobtrusive. Drawings PIWW-RCG-AR-DWG-0110-112 and JR-SK-A-9200 show approximately 30% rooftop solar panel coverage across the completed warehouses.	Solar panels have been installed on approximately 30% of roof surface area on Warehouses N1, N2, MoNDC and MoRDC. See Appendix A (Figure 16) for evidence of implementation. No additional implementation of this strategy occurred during the reporting period. The continued implementation of this strategy will be confirmed in future UDDR Quarterly Reports.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
	(d) cross-ventilation;	Section 2.3 of the UDDR states the strategy to provide cross ventilation is to promote open spaces between buildings, have permeable facades (through openings and vents) and to select orientation considerate of overall site layout.	Evidence of cross ventilation is provided in Appendix A (Figure 17) showing how the roller doors of operational warehouses include vents to allow for airflow. Warehouses N1, N2, MoNDC and MoRDC have roller doors with ventilation. Warehouses have been constructed so there is open space between them, and have been orientated to promote airflow within this space from the prominent wind direction. See Appendix A (Figure 15). The prominent wind direction is west during spring, autumn and winter and east during summer (Construction Air Quality Management Plan, ESR, 12/12/2024). No additional implementation of this strategy occurred during the reporting period. The implementation of this strategy will be confirmed in future UDDR Quarterly Reports.		
	(e) selection of materials with lower energy manufacturing requirements;	Section 2.3 of the UDDR states that the strategy to use lower energy manufactured materials is to reuse demolished materials as aggregate through a co-located concrete crushing plant; and to consider utilising low embodied energy materials where possible. The section states further that long span timber was considered for construction of the project but steel was chosen instead because of the scale and operational requirements of the Development.	Reuse of aggregate material from the co-located crushing plant has been used for construction. The Development Environmental Protection Licence Annual Returns state that, for the years the plant was operating (2019 – 2022), the volume of material crushed for the purposes of onsite reuse ranged from 50,000 to 100,000 tonnes. Where possible, contractors have chosen lower energy embodied materials for construction. All the steel utilised for reinforcing concrete in Moorebank Avenue and Anzac Road Intersection and Bushmaster Avenue up to, and inclusive of,		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
			the roundabout, met Australian Reinforcing Company Green Star requirements (see Appendix H). Low embodied materials (i.e. steel, concrete, pavers and timber) were used during the construction of Warehouses MoNDC and MoRDC. See Appendix H. In line with the UDDR, steel has been used preferentially over timber because of the scale and operational requirements of the Development.		
	(f) use of locally sourced material to reduce impacts associate with transport	Section 2.3 of the UDDR states the strategy to use locally sourced fill material can be achieved through using local sources such as the WestConnex Projects about 20km away as opposed to the normal quarry sourced fill which is about 100km away.	As demonstrated by fill importation records (Appendix F) where available, fill material has been sourced from available local sources. These projects include the Metro West from locations around Sydney. Fill importation under MPW Stage 2 has been completed.		
	(g) rainwater capture and reuse;	Section 2.3 of the UDDR states that all buildings are to be fitted with water recycling and reuse tanks. It also states that stormwater collection on-site detention systems and overland flow paths will be implemented to mitigate localised flood as per engineer's specifications and requirements under the consent.	All warehouses that have been constructed have been fitted with a rainwater tank. See evidence of implementation in Appendix A (Figures 18 and 19). On-site stormwater collection is facilitated by overland flow paths that discharge into OSD basins to mitigate the impact of flood events. See Appendix A (Figure 5). No additional implementation of this strategy occurred during the reporting period.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
			This will be implemented as the Development becomes progressively operational.		
	(h) water efficient fixtures and fittings; and	Section 2.3 of the UDDR states that all taps will be fitted with efficient tap fittings to help minimise water use throughout the Development where possible.	Warehouses N1, N2, MoRDC and MoNDC have been fitted with water efficient tap fittings. See Appendix A (Figures 20 to 23) for evidence. No additional implementation of this strategy occurred during the reporting period. This will be implemented as the Development becomes progressively operational.		
	(i) waste minimisation and recycling.	Section 2.3 of the UDDR states that the Development will be working with end users to promote and develop best practice in their operations.	As tenants (end users) progressively occupy warehouses, the Developer will assist to promote best practice for their operations. The MPW Stage 2 Operational Environmental Management Plan (LOGOS, May 2024) has been established with six-monthly monitoring conducted to verify effective waste management and recycling practices are implemented and maintained. Records of tenant waste results and waste monitoring to date are provided in Appendix G. Monitoring will continue to be implemented as the Development becomes progressively operational. This strategy continues to be implemented during the reporting period.		
B58	The Revised Landscape Design Drawings and Revised Architectural Drawings and associated elements must demonstrate a design criteria and		*See comments below against relevant CoC		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
	other requirements listed in Conditions B59 to B74.				
B59	Pedestrian and cycle paths must: (a) be provided through the site to provide connections to Moorebank Avenue, the rail terminal office and between warehouses and the freight village; and (b) integrate with existing and planned footpaths or cycleways in the locality.	Section 3.4 of the UDDR provides the strategy for pedestrian and cycle paths to, from and through the Precinct. It states that there will be pedestrian and cyclist access entry and exit via the Moorebank Avenue Frontage, an integrated pedestrian and cycle path along the Estate Road with a landscape buffer, and pedestrian and cycle paths for internal roads with a landscape strip on either side. Additionally, there is provision for future connections to the Casula Railway Station via the Estate Road shared cycle path. This is outlined on Figure 3.5 of the UDDR. The B2 Plan (PIWW-RCG-AR-DWG-0100 ('Post Approvals - MPW Masterplan - Part 1')) shows the Precinct will be designed to comply with this condition.	Pedestrian and cycle paths have been implemented for entry and exit via Moorebank Avenue, along the Estate Road, and the internal warehouse roads established to date for Warehouse N1, N2, MoRDC and MoNDC. See Appendix A (Figures 24 to 27) for evidence. No additional implementation of this strategy occurred during the reporting period. This will be implemented as the Development becomes progressively operational.		
B60	Paths must be integrated with landscaping and include meanders to allow for canopy tree clusters and a more varied walking/ riding experience.	Section 3.4 of the UDDR shows that pedestrian and cycle paths along the Estate Roads and Internal Roads have been designed to have landscaping buffers. Meandering paths are shown on the B2 Plan.	Pedestrian and cycle paths along the Estate Roads and Internal roads established to date have landscaping buffers and are meandering. See Appendix A (Figure 28) for evidence and Appendix E for landscape implementation plan. No additional implementation of this strategy occurred during the reporting period.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
			This will be implemented as the Development becomes progressively operational.		
B61	The rail terminal office, freight village and each warehouse must include an outdoor meal break area with shade, seating, lighting and landscaping including shrubs and groundcover and canopy trees where reasonable. In addition, the freight village outdoor area(s) must include a water fountain(s) or other fresh drinking water provision.	In the UDDR, drawings PIWW-RCG-LN-DWG-0110-0112 show the Warehouses, rail terminal office and freight village are designed to have outdoor meal break areas.	Outdoor meal break areas have been provided for Warehouses N1, N2, MoNDC and MoRDC. See Appendix A (Figures 29 to 32). No additional implementation of this strategy occurred during the reporting period. This will continue to be implemented as the Development becomes progressively operational.		
B62	Secure bicycle parking and end-of-trip facilities must provide: (a) a minimum 1 staff bicycle parking per 10 staff (or 1 per 10 car spaces if staff numbers are undetermined); (b) compliance with the minimum requirements of AS 2890.3:2015 Parking facilities - Bicycle parking for the layout, design and security of bicycle facilities, and be located in easy to access, well-lit areas that incorporate passive surveillance; and (c) under cover bike storage, showers and change facilities at each warehouse sufficient to	In the UDDR, drawing PIWW-RCG-AR-DWG-0190 shows that every warehouse has been designed to meet this condition. The B2 Plan also shows each warehouse has been designed to have bicycle parking.	The following has previously been confirmed for operational Warehouses: N1: - Bicycle Parking = 16 - Staff numbers = max 50 per shift (average 24 per shift) N2: - Bicycle Parking = 16 - Staff numbers = 50 per shift MoNDC/MoRDC - Bicycle Parking = 23 - Staff numbers = 150 per shift Bicycle parking provided for operational warehouses complies with this condition (Appendix A, Figures 33 to 38). Relevant "as built" drawings are provided in Appendix D.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
	accommodate the needs of the forecast number of employees.		No additional implementation of this strategy occurred during the reporting period. This will continue to be implemented as the Development becomes progressively operational.		
B63	The following minimum setbacks apply: (a) 18 m from Moorebank Avenue with minimum soft landscaped width of 10 m, subject to any variation agreed to by the Planning Secretary at the site entrance for the purpose of facilitating the primary access driveway into the site; and (b) 5 m setback from the western internal road to warehouse carparks. Note: See also Condition B2.	This condition is designed for in the B2 Plan. Section 3.3 of the UDDR identifies a variation to the 18m setback for the purpose of facilitating the primary access driveway into the site. Drawings PIWW-GNK-LN-DWG-101, 102, 106 show the design to comply with this condition.	The variation to the 18m setback from Moorebank Avenue is no longer required, based on current Development design. See Appendix A (Figure 39) for evidence of implementation. The 5m setback from the western internal road to warehouse carparks has been implemented for Warehouses N1, N2, MoNDC and MoRDC. See Appendix A (Figure 40) and Appendix E for evidence. No additional implementation of this strategy occurred during the reporting period. Setbacks will continue to be implemented as the Development becomes progressively operational.		
B64	Canopy tree planting must be provided around the perimeter of the site, including the southern fill area where future warehousing is proposed.	This condition is designed for in drawings PIWW-RCG-AR-DWG-0100 and PIWW - GNK-LN-DWG-101, 102, 104, 106-108.	Canopy tree planting has been implemented around the site's western perimeter (Appendix A Figure 41). Canopy tree planting along the northern and southern perimeter has not yet been implemented and will be reported on in future UDDR reports. Planting on the eastern perimeter is not needed as this is occupied by the INTS. Appendix E provides a plan of landscaping areas that have been implemented to date within the MPW Stage 2 footprint.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
B65	The southern fill area where future warehousing is proposed must be topsoiled and hydroseeded with native grasses.	Drawing PIWW-GNK-LN-DWG-102 shows the design that meets this condition.	The southern fill area is currently under construction under separate approvals. The Site is inspected and reported on by the CPESC in accordance with Condition B32.		
B66	Perimeter fill batters must be stabilised with vegetation.	Drawing PIWW-GNK-LN-DWG-101 and 102 shows the design that meets the requirements of this condition.	Perimeter fill batters have been established along the western perimeter of the MPW Stage 2 site. These have been stabilised with vegetation (Appendix A, Figure 42). Perimeter fill batters are yet to be constructed on the northern and southern perimeters. This will continue to be implemented as the Development becomes progressively operational. No additional implementation of this strategy occurred during the reporting period.		
B67:	Landscaping within the warehouse area must include dense canopy tree planting, shrubs, sedges, herbs, ground covers and tufted native grasses primarily derived from OEH lists of Cumberland Plain Woodland. The canopy tree mix must include some or all of the following species: <i>Eucalyptus crebra</i> , <i>Eucalyptus moluccana</i> , <i>Eucalyptus amplifolia</i> , <i>Eucalyptus bosistoana</i> , <i>Eucalyptus eugenioides</i> , <i>Eucalyptus tereticornis</i> , <i>Eucalyptus punctata</i> , <i>Eucalyptus baueriana</i> , <i>Corymbia</i>	Section 2.4 of UDDR has the strategy to provide native landscaping consistent with that of the existing area and to blend it in with surrounding bushland. PIWW - GNK-LN-DWG-001 shows the list of species chosen to be planted on the Precinct.	Most landscaping completed to date incorporates native species as required by the UDDR (Appendix A, Figure 43). The MIT, Bushmaster avenue and Warehouses MoRDC and MoNDC have incorporated native species as required by this condition into landscaping. See Appendix E for further information. No additional implementation of this strategy occurred during the reporting period.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
	<i>maculata</i> , <i>Angophora floribunda</i> and <i>Angophora bakeri</i> .				
B68:	The following minimum landscaping requirements apply: (a) 15% of the warehouse area landscaped at ground level, 10% of which must be soft landscaping, excluding the OSD basins unless they are accepted as contributing to soft landscaping in the peer review report required under Condition B55; (b) 1 canopy tree per 30 m² of landscaped area; and (c) a 2.5 m wide landscaped bay every 6-8 car spaces to provide shade within carpark areas, or alternative carpark landscaping (such as linear planting of vegetation of a minimum width of 2 m between rows of carparking) accepted as providing adequate shade in the peer review report required under Condition B55. Note: For the purposes of this condition, canopy trees are not required to be planted on or immediately adjacent to vehicle paths between the intermodal terminal and the eastern elevation of each warehouse.	Section 3.1 of the UDDR requires car parking to include landscape bays every 6-8 bays. The B2 Plan and drawings PIWW-RCG-AR-DWG -110-112, PIWW-GNK-LN-DWG-100, 101, 102, 104-108, 200 and JR SK A-9200 demonstrates the landscaping scheme complies with this condition.	A landscape plan has been prepared and provided in Appendix E identifying areas of the MPW Stage 2 site where landscaping has been implemented: (a) The MIT and Warehouses N1, MoRDC and MoNDC have incorporated the required landscaping areas. (b) Warehouses MoRDC and MoNDC have incorporated the requirement of having one tree per 30m² of landscaped area. (c) The MIT and Warehouse N1, N2, MoRDC and MoNDC have incorporated landscaped bays in their carparking areas. Evidence of inclusion of canopy tree planting and carpark landscape bays is provided in Appendix A (Figure 44 and 45). Landscaping consistent with this condition will be progressively implemented as the Development becomes operational. Future UDDR quarterly reporting will provide updates on the progressive implementation of landscaping.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
B69:	Perimeter and on-site detention and biofiltration/ bioretention basin fences higher than 1.2m must be transparent and dark in colour but not constructed of chain wire, to provide visual amenity.	Section 3.7 of UDDR has the strategy that palisade fencing should be in place to provide a physical barrier to industrial lots. It also states that OSD basin fences will be higher than 1.2m will be transparent and dark in colour..	The fencing of Warehouses N1, N2, MoNDC and MoRDC has been implemented. A representative example of the warehouse palisade fencing is shown in Appendix A (Figure 46). Fencing has not been installed around OSD basins to date as construction in these areas is not yet complete. No additional implementation of this strategy occurred during the reporting period. This will be progressively implemented as the Development becomes operational.		
B70:	Boundary fencing design must allow for fauna movement where required under Condition B152(b).	Not addressed in the UDDR. CoC 152 is addressed via Koala Management Plan No. 18194RP1 (Cumberland Ecology, 03/03/2020).	The Planning Secretary approval of the Koala Management Plan (SIMTA, 12/03/2020) prepared to address CoC B152 required, as a condition of approval, the preparation of quarterly reporting on the progressive implementation of the Plan. It is understood that quarterly this reporting is being undertaken separate to this report to address the requirements of the Plan and DPHI approval. Further progressive implementation updates within this report is not required as part of the UDDR approval.		
B71	Screen fencing and planting must be provided around waste bins or other outside storage areas.	Drawings PIWW-RCG-AR-DWG-0110-12 and JR-SK-A-9200 + 9204 show designs for screen fencing as required by this condition. UDDR notes that screen fencing around waste bin areas should be	Waste bin areas have been implemented at Warehouses N1, N2, MoRDC and MoNDC. These areas have been located so that they are not visible from public areas around the site (internal estate roads, Moorebank Avenue, Bushmasters Road) and so additional screening is not required.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
		implemented to protect public visual amenity.	Evidence of implementation of waste areas has been provided in Appendix A (Figures 47 to 50). Implementation of this condition at Warehouses MoRDC and MoNDC was confirmed during this reporting period, see Figures 49 and 50 in Appendix A. Note, the Warehouse MoRDC waste area has not been finalised as the warehouse is still in a commissioning phase, see Table 2-1. This will continue to be implemented as the Development becomes progressively operational.		
B72	Screen planting must be provided on both sides of noise walls.	Section 3.7 of UDDR states that <i>there is no need for a noise wall and that OSD landscaping can provide visual amenity in place of one</i> . It also states that <i>retaining walls should include landscaping per CoC B73</i> . Drawings PIWW-GNK-LN-DWG-101, 102, 104, 106-108 provide design for screen planting on both sides of the noise wall.	Screen planting has been completed on the estate side (eastern side) of the noise wall. Evidence of implementation is shown in Appendix A (Figure 49) and Appendix E. No further implementation of this strategy occurred during the reporting period. This will be implemented as the Development becomes progressively operational.		
B73	Retaining wall materials and colours must be of a natural appearance and incorporate landscaping.	Section 3.7 of UDDR states that <i>retaining walls must be of natural appearance and should include landscaping per CoC B73</i> .	Retaining walls have been constructed within the MPW Stage 2 footprint at separate points west of the noise wall. These have been constructed in accordance with this condition. See Appendix A (Figure 50) for evidence of implementation. No further implementation of this strategy occurred during the reporting period. This will continue to be implemented as the Development becomes progressively operational.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
B74	Noise barriers must minimise visual and amenity impacts and be designed in accordance with the Noise wall design guideline – Design guideline to improve the appearance of noise walls in NSW (RMS, March 2016).	Section 3.7 of UDDR and Appendix 4.5 of the UDDR determines that <i>there is no need for a noise wall from an urban design perspective</i> . Drawings PIWW-RCC-AR-DWG-0100-0112 + 0130 and PIWW-GNK-LN-DWG-101, 102, 104, 106-108 all provide a design for a noise wall. Visual and amenity components of noise wall design	The noise wall was completed in accordance with the condition and verified in the Q3 2024 report. Screen planting has been completed on the estate side (eastern side) of the noise wall. Evidence of implementation is shown in Appendix A (Figure 46) and Appendix E. This will continue to be implemented as the Development becomes progressively operational.		
B75	The following must be included on, or provided with the Revised Landscape Design Drawings required under Condition B52.		*See comments below		
	(a) irrigation systems;	Revised Landscape Design Drawing (RLDD) PIWW-GNK-LN-DWG-400 shows a diagram and description of the irrigation system: <i>A low volume drip irrigation system may be installed at the discretion of the Developer., Position of control box, solenoids and irrigation conduits to be designed and constructed concrete based pedestal mount. Performance specification to be provided by landscape architect, nominally 25mm delivered to plant areas each week during establishment (depending on weather conditions). After establishment, irrigation rates can be decreased in</i>	The RLDD meet the requirements of this Condition. The RLDDs will be updated progressively, if required, as the precinct develops. No updates during the reporting period.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
		<i>certain areas of the landscape depending on the species.</i>			
	(b) planting schedule including tree and shrub species, expected mature height, planting densities and to sizes;	RLDD PIWW-GNK-LN-DWG-001 provides all the information required for this condition.	The RLDD meet the requirements of this Condition. The RLDDs will be updated progressively, if required, as the precinct develops. No updates during the reporting period.		
	(c) soil specification and depth for landscaped areas in relation to pot sizes and species to ensure the viability of shrubs and trees;	RLDD PIWW-GNK-LN-DWG-400 provides the strategy for pot size and soil types and depth. <i>Soil horizon A will be a sandy loam to clay loam topsoil, horizon B will be open granular well drained growing media and horizon C will be compacted site sub base. Holes for planting will be no less than 100mm wider all around to allow for space for the roots.</i>	The RLDD meet the requirements of this Condition.		
	(d) landscaping around the southern and northern boundaries of the site; and	RLDD PIWW-GNK-LN-DWG-101 102 shows designs for landscaping around the southern and northern boundaries of the site.	The RLDD meet the requirements of this Condition. The RLDDs will be updated progressively, if required, as the precinct develops. No updates during the reporting period.		
	(e) noise wall, retaining wall and fencing graphics and material details.	UDDR Section 3.8: Screening and Fencing references Appendix 4.5 of the UDDR which identifies that a <i>noise wall is not needed despite the condition as it will have no effect.</i>	The RLDD meet the requirements of this Condition. The RLDDs will be updated progressively, if required, as the precinct develops. No updates during the reporting period.		
B76	Operational lighting must:		*See comments below		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
	(a) comply with the latest version of AS 4282-1997 - Control of the obtrusive effects of outdoor lighting (Standards Australia, 1997); and	UDDR Section 3.8 identifies that <i>operational Lighting and Signage will comply with Conditions B76, B77 and B78, and will be detailed during Construction Certificate. Lighting is to be designed and managed to mitigate light spill impacts on fauna, habitat and any adjoining developments or residences, but must be maintained to a level sufficient for operational standards and site safety</i>	The following evidence has been provided confirming implementation of this condition (see Appendix C for documented evidence): - Warehouse N1 – Electrical Services Operation and Maintenance Manual for N1 (Apex, 2024) - Warehouse N2 – Electrical Services Operation and Maintenance Manual for N2 (Apex, 2024) - Warehouse INTS – Aurecon confirmation with MITCO 20/03/2024 - Internal MPW Stage 2 estate roads – Northrop provided confirmation 27/07/2023 - Warehouse MoNDC – Design Certification for MoNDC (Modcol, 13/12/2021) - Warehouse MoRDC – Obtrusive Light Compliance Report (Bell, 29/05/2024). Verification for other operational warehouses will be included in future reporting. This strategy will continue to be progressively implemented as the Development becomes operational.		
	(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	UDDR Section 3.8 identifies that <i>design and lux of any internal or spot lighting shall be designed to avoid off site or traffic safety impacts such as reflection and glare, and signage fronting Moorebank Avenue is to be designed to complement the</i>	Where installed, lighting has been implemented in accordance with this condition. See Appendix A (Figure 52) for evidence of implementation. No additional implementation of this strategy occurred during the reporting period. This will be progressively implemented as the Development becomes operational.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
	riparian corridor and the Boot Land.	<i>architectural character of the built form, the landscape treatments, the sites natural character, and to provide a unique SIMTA identity.</i>			
B77	The following signage is not permitted:		*See comments below		
	(a) general advertising or moving or flashing signs;	Drawing PIWW-RCG-AR-DWG-0190 shows the standard design for Warehouse signage acknowledging signage must comply with this condition.	Signage on the Development has been implemented in accordance with the requirements of this condition for Warehouses N1, N2, MoRDC and MoNDC. See Appendix A (Figures 53 to 56) for evidence of implementation. No additional implementation of this strategy occurred during the reporting period. This will be implemented as the Development becomes progressively operational.		
	(b) west facing illuminated building signage visible from residences; and				
	(c) internally illuminated signs that are visible from residences.				
B78	Signage must not occupy more than 10% of any façade or wall of a building.	Drawing PIWW-RCG-AR-DWG-0190 shows the standard design for Warehouse signage acknowledging signage can be no more than 10% greater than the facade/wall.	Current signage does not occupy more than 10% of any façade or wall of a building. See Appendix A (Figures 57 to 59) for evidence. Note, warehouse N2 does not have any signage on the building. No additional implementation of this strategy occurred during the reporting period. This will be implemented as the Development becomes progressively operational.		
B80	A rainwater tank(s) must be included on each warehouse, the freight village and rail terminal buildings.	Drawings PIWW-RCG-AR-WG-0110-0112 show rainwater tanks designed to be implemented per this condition. JR-SK-A-9200 shows rainwater tanks designed for Warehouses MoRDC and MoNDC.	Rainwater tanks have been implemented on Warehouses N1, N2, MoNDC and MoRDC. See Appendix A (Figures 60 to 63) for evidence of implementation. No additional implementation of this strategy occurred during the reporting period.		

CoC Ref.	Condition Text	UDDR Strategy	Status of Implementation during Q4	In Progress	Complete
			This will be implemented as the Development becomes progressively operational.		
B81	Rainwater must be used for irrigation, all internal non-potable uses, the container washdown facility and be considered for cooling towers; heating, ventilation, and air conditions; and ground source heat exchange.	UDDR Section 3.9: <i>Rainwater tanks may be used to collect off water from the site's warehouses and stored to meet demand for irrigation, internal non-potable uses and the container wash down facility.</i> Drawing PIWW-GNK-LN-DWG-400 shows the design for irrigation from the Site's stormwater system.	Rainwater tanks have been installed to allow for reuse at Warehouses N1, N2, MoNDC and MoRDC. See Appendix A (Figures 60 to 63) for evidence of implementation. No additional implementation of this strategy occurred during the reporting period. This will be implemented progressively as the Development on the precinct is completed progressively.		

3. Conclusion

A review of the relevant CoCs identified within the approved UDDR, the strategies for addressing each CoC and the implementation status of each strategy have been presented in this UDDR Quarterly Report.

During the reporting period Warehouses N1, N2 and MoNDC were operational. The INTS is ready for operations.

The strategies identified in the UDDR to address the relevant CoC continue to be progressively implemented across MPW as the Development becomes operational.

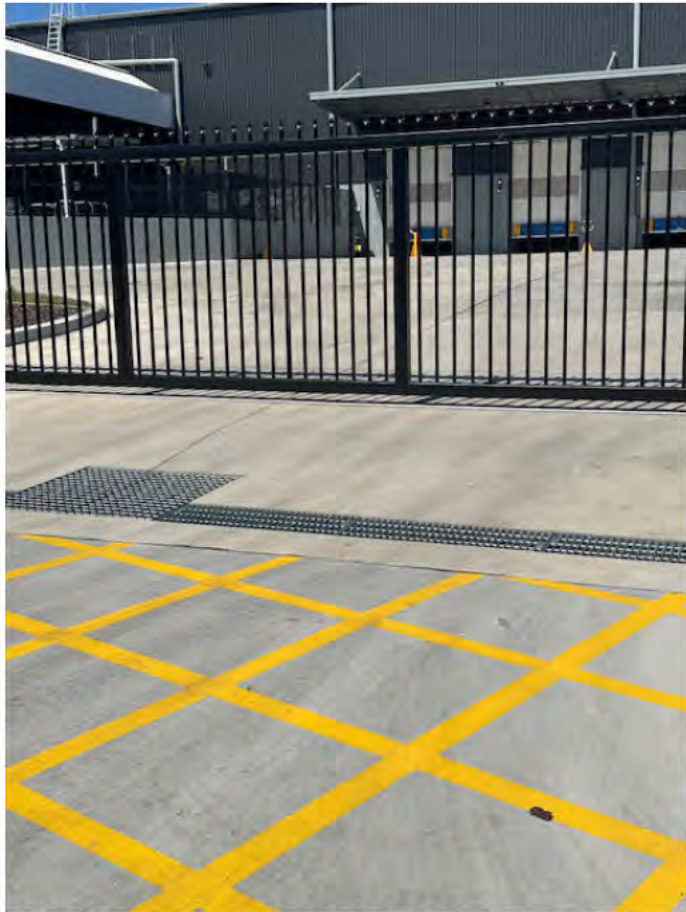
Appendix A. Evidence of Implementation

Condition	Condition text	Evidence
B48 The Development must be designed and operated to meet Urban Heat Island Mitigation principles and to achieve a 4C degree decrease in temperature.	(a) WSUD elements such as wetlands;	 Figure 1 – Example of an OSD Basin. Subject example is OSD 8.

Condition	Condition text	Evidence
		 Figure 2 – Example of an OSD Basin. Subject example is OSD 5.

Condition	Condition text	Evidence
		 Figure 3 – Example of vegetation on an OSD. Subject example is in progress hydro seeding on OSD 5.

Condition	Condition text	Evidence
		 Figure 4 – Example of an OSD's GPT. Subject example is at OSD 6.

Condition	Condition text	Evidence
		 Figure 5 – Example of an overland flow path. Subject example drains into OSD 5 and is located adjacent to Warehouse N1.

Condition	Condition text	Evidence
		 Figure 6 – Example of drainage situated within a landscaped area. Subject example is next to the carpark at Warehouse N2.

Condition	Condition text	Evidence
		 Figure 7 – Example of landscaping and drainage adjacent to the internal road. Subject example is along Bushmaster Avenue where Warehouse N4 is under construction.

Condition	Condition text	Evidence
		 Figure 8 – Example of an operational rainwater tank. Subject example is at Warehouse N2.

Condition	Condition text	Evidence
	(b) shade tree planting;	 Figure 9 – Example of canopy cover tree planting. Subject example along pedestrian path adjacent to Warehouse MoNDC.

Condition	Condition text	Evidence
	(c) vegetation ground cover;	 Figure 10 – Example of ground cover vegetation implemented in accordance with the UDDR. Subject example at Warehouse MoNDC.

Condition	Condition text	Evidence
	(d) use of 'cool' building and pavement materials (i.e. those with high reflectivity in the infrared spectrum); and	The BlueScope Steel Warranty Advice (6/3/24) provides the types of roofing utilised for Warehouses N1 and N2. This type of roofing and its qualities has a solar reflective index (same as albedo) of 81. See Appendix B.

Condition	Condition text	Evidence
		 Figure 11 – Example of what a roof looks like when it has been designed to include low albedo material. Subject example is on Warehouse MoNDC where confirmation of low albedo material being used is shown in Appendix B. Evidence of albedo material being used at Warehouse MoRDC has also been provided in Appendix B.

Condition	Condition text	Evidence
		 Figure 12 – Example of low albedo pavement. Subject example is adjacent to Bushmaster Avenue and Warehouse N2.

Condition	Condition text	Evidence
B49 The Development must be designed and operated to meet ESD principles and include measures such as the following:	(a) passive solar design;	 Figure 13 – Example of an overhanging eave. Subject example is of the office at Warehouse N1.

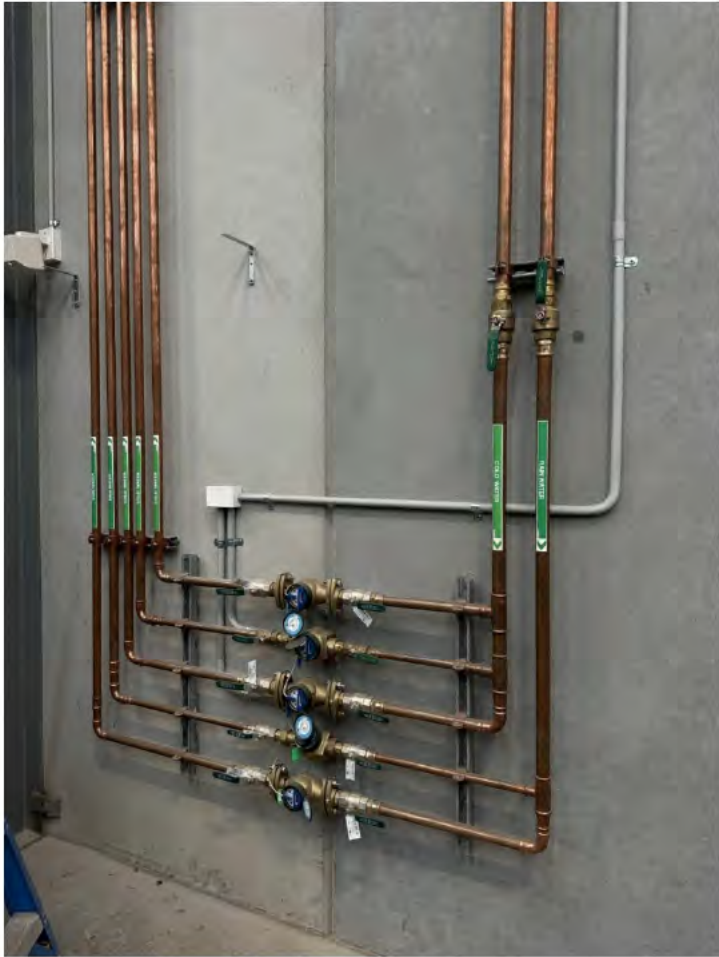
Condition	Condition text	Evidence
		 Figure 14 – Example of awning providing shade. Subject example is at Warehouse N2.

Condition	Condition text	Evidence
		 Figure 15 – Space provided between warehouses and warehouses orientated to allow for cross ventilation with the natural wind direction (west and south west through the year until summer where its east and south east).

Condition	Condition text	Evidence
	(b) use of energy efficient plant and equipment;	NA – no photographic evidence. See quarterly report for implementation status.
	(c) use of renewable energy sources;	 Figure 16 – Aerial image of MPW Stage 2 warehouses showing solar panel installation.

Condition	Condition text	Evidence
	(d) cross-ventilation	 Figure 17 – Example of a roller door with cross ventilation vents in the middle. Subject example is in Warehouse MoNDC.
	(e) selection of materials with lower energy manufacturing requirements;	NA – no photographic evidence. See quarterly report for implementation status.
	(f) use of locally sourced material to reduce impacts associate with transport	NA – no photographic evidence. See quarterly report for implementation status.

Condition	Condition text	Evidence
	(g) rainwater capture and reuse;	 Figure 18 – Example of rainwater being used in a warehouse. Subject example is in Warehouse N2.

Condition	Condition text	Evidence
		 Figure 19 – Rainwater reuse taps in Figure 18 zoomed out to show position on wall.

Condition	Condition text	Evidence
	(h) water efficient fixtures and fittings; and	 Figure 20 – Water efficient tap fittings in in Warehouse MoNDC.

Condition	Condition text	Evidence
		 Figure 21 – Water efficient tap fitting at Warehouse MoRDC.

Condition	Condition text	Evidence
		 Figure 22 – Water efficient tap fitting at Warehouse N2.

Condition	Condition text	Evidence
		 Figure 23 – Water efficient tap fitting at Warehouse N1.

Condition	Condition text	Evidence
	(i) waste minimisation and recycling.	NA – no photographic evidence. See quarterly report for implementation status.
B58	The Revised Landscape Design Drawings and Revised Architectural Drawings and associated elements must demonstrate a design criteria and other requirements listed in Conditions B59 to B74.	See below

Condition	Condition text	Evidence
B59: Pedestrian and cycle paths must:	(a) be provided through the site to provide connections to Moorebank Avenue, the rail terminal office and between warehouses and the freight village; and	 Figure 24 – Example of the pedestrian and cycle path along the Estate Road (Bushmaster Road). Subject example is adjacent to Warehouse N1.

Condition	Condition text	Evidence
		 Figure 25 – Example of a pedestrian and cycle path leading into a warehouse from the pedestrian path along Bushmaster Road. Subject example is leading into Warehouse N2.

Condition	Condition text	Evidence
	(b) integrate with existing and planned footpaths or cycleways in the locality.	 Figure 26 – Example of the pedestrian path heading towards Moorebank Avenue along Bapaume Road.

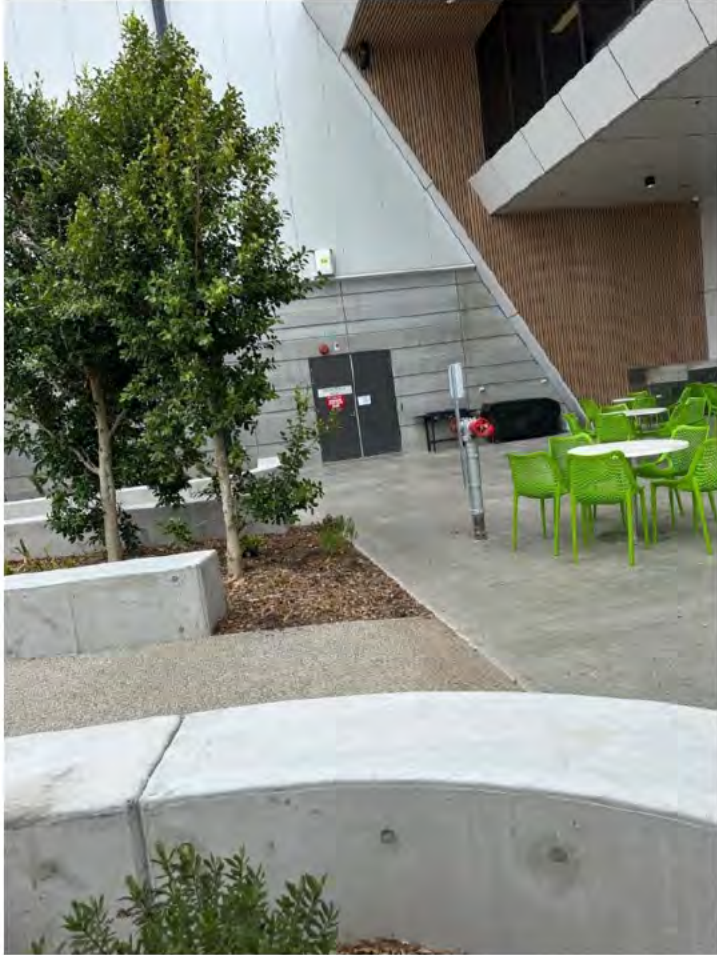
Condition	Condition text	Evidence
		 Figure 27 – The intersection of Bapaume Road and Moorebank Avenue where the path in Figure 26 connected to Moorebank Avenue. The pedestrian path in Figure 26 is on the right of this photo.

Condition	Condition text	Evidence
B60	Paths must be integrated with landscaping and include meanders to allow for canopy tree clusters and a more varied walking/ riding experience	 Figure 28 - Example of how the pedestrian paths of the Development meander with landscaping. Subject example is along Bushmaster Avenue.

Condition	Condition text	Evidence
B61	The rail terminal office, freight village and each warehouse must include an outdoor meal break area with shade, seating, lighting and landscaping including shrubs and groundcover and canopy trees where reasonable. In addition, the freight village outdoor area(s) must include a water fountain(s) or other fresh drinking water provision	 Figure 29 – The outdoor meal break area at Warehouse MoNDC.

Condition	Condition text	Evidence
		 Figure 30 – The outdoor meal break area at Warehouse N1.

Condition	Condition text	Evidence
		 Figure 31 – The outdoor meal break area Warehouse N2.

Condition	Condition text	Evidence
		 Figure 32 – The outdoor meal break area at Warehouse MoRDC.

Condition	Condition text	Evidence
B62 Secure bicycle parking and end-of-trip facilities must provide:	(a) a minimum 1 staff bicycle parking per 10 staff (or 1 per 10 car spaces if staff numbers are undetermined);	 Figure 33 – The bicycle parking at Warehouses MoNDC and MoRDC – which have shared parking facilities.

Condition	Condition text	Evidence
		 Figure 34 – The bicycle parking at Warehouse N2.

Condition	Condition text	Evidence
		 Figure 35 – The bicycle parking at Warehouse N1.

Condition	Condition text	Evidence
	(b) compliance with the minimum requirements of AS 2890.3:2015 Parking facilities - Bicycle parking for the layout, design and security of bicycle facilities, and be located in easy to access, well-lit areas that incorporate passive surveillance; and	NA – no photographic evidence. See quarterly report for implementation status.

Condition	Condition text	Evidence
	(c) under cover bike storage, showers and change facilities at each warehouse sufficient to accommodate the needs of the forecast number of employees.	 Figure 36 – The end of trip facilities in Warehouse N1.

Condition	Condition text	Evidence
		 Figure 37 – The end of trip facilities in Warehouse N2.

Condition	Condition text	Evidence
		 Figure 38 – The end of trip facilities at Warehouses MoNDC and MoRDC.

Condition	Condition text	Evidence
B63 The following minimum setbacks apply:	(a) 18 m from Moorebank Avenue with minimum soft landscaped width of 10 m, subject to any variation agreed to by the Planning Secretary at the site entrance for the purpose of facilitating the primary access driveway into the site; and	 Figure 39 – The 18m setback from Moorebank Avenue.

Condition	Condition text	Evidence
	(b) 5 m setback from the western internal road to warehouse carparks. Note: See also Condition B2.	 Figure 40 – Example of the 5m setback from the internal road to warehouse carparking. Subject example is at Warehouse

Condition	Condition text	Evidence
		N2.
B64	Canopy tree planting must be provided around the perimeter of the site, including the southern fill area where future warehousing is proposed.	

Condition	Condition text	Evidence
		Figure 41 – Example of the canopy trees on the western perimeter of site. This is adjacent to OSD 5.
B65	The southern fill area where future warehousing is proposed must be topsoiled and hydroseeded with native grasses.	The southern fill area is currently under construction under separate approvals. The Site is inspected and reported on by the CPESC in accordance with Condition B32. Completed.

Condition	Condition text	Evidence
B66	Perimeter fill batters must be stabilised with vegetation.	 Figure 42 – Example of the vegetation used to stabilise the western perimeter fill batters. Subject example is at the northwest of site on the western side of the noise wall, adjacent to the substation works and the biobanking area.

Condition	Condition text	Evidence
B67	Landscaping within the warehouse area must include dense canopy tree planting, shrubs, sedges, herbs, ground covers and tufted native grasses primarily derived from OEH lists of Cumberland Plain Woodland. The canopy tree mix must include some or all of the following species: <i>Eucalyptus crebra</i> , <i>Eucalyptus moluccana</i> , <i>Eucalyptus amplifolia</i> , <i>Eucalyptus bosistoana</i> , <i>Eucalyptus eugenioides</i> , <i>Eucalyptus tereticornis</i> , <i>Eucalyptus punctata</i> , <i>Eucalyptus baueriana</i> , <i>Corymbia maculata</i> , <i>Angophora floribunda</i> and <i>Angophora bakeri</i> .	 Figure 43 – Example of native Australian flora used for landscaping across the site. Subject example is along the noise wall at the northern end of site.

Condition	Condition text	Evidence
B68 The following minimum landscaping requirements apply:	(a) 15% of the warehouse area landscaped at ground level, 10% of which must be soft landscaping, excluding the OSD basins unless they are accepted as contributing to soft landscaping in the peer review report required under Condition B55;	NA – no photographic evidence. See quarterly report for implementation status.

Condition	Condition text	Evidence
	(b) 1 canopy tree per 30 m2 of landscaped area; and	 Figure 44 – Example of tree planting to meet the requirement of 1 per 30m2. Subject example is at Warehouse MoNDC.

Condition	Condition text	Evidence
	(c) a 2.5 m wide landscaped bay every 6-8 car spaces to provide shade within carpark areas, or alternative carpark landscaping (such as linear planting of vegetation of a minimum width of 2 m between rows of carparking) accepted as providing adequate shade in the peer review report required under Condition B55. Note: For the purposes of this condition, canopy trees are not required to be planted on or immediately adjacent to vehicle paths between the intermodal terminal and the eastern elevation of each warehouse.	 Figure 45 – Example of the carpark canopy tree planting and landscape bays at warehouses. Subject example is at Warehouse MoNDC.

Condition	Condition text	Evidence
B69	Perimeter and on-site detention and biofiltration/ bioretention basin fences higher than 1.2m must be transparent and dark in colour but not constructed of chain wire, to provide visual amenity.	 Figure 46 – Example of palisade fencing around warehouses. Subject example is at Warehouse N2.

Condition	Condition text	Evidence
B70	Boundary fencing design must allow for fauna movement where required under Condition B152(b).	NA – no photographic evidence. See quarterly report for implementation status.

Condition	Condition text	Evidence
B71	Screen fencing and planting must be provided around waste bins or other outside storage areas.	 Figure 47 – Waste area fencing at Warehouse N1.

Condition	Condition text	Evidence
		 Figure 48 – Waste area fencing at Warehouse N2.

Condition	Condition text	Evidence
		 Figure 49 – Automatic waste bin at Warehouse MoRDC

Condition	Condition text	Evidence
		 Figure 50 – Automatic waste bins at Warehouse MoNDC.

Condition	Condition text	Evidence
B72	Screen planting must be provided on both sides of noise walls.	 Figure 51 – Example of screen planting on the Estate Road (eastern) side of the noise wall. Subject example is taken adjacent to the future location of Warehouse N3.

Condition	Condition text	Evidence
B73	Retaining wall materials and colours must be of a natural appearance and incorporate landscaping.	 Figure 52 – Example of the retaining walls found across site. Subject example is on the western side of the noise wall adjacent to Warehouse MoNDC.

Condition	Condition text	Evidence
B74	Noise barriers must minimise visual and amenity impacts and be designed in accordance with the Noise wall design guideline – Design guideline to improve the appearance of noise walls in NSW (RMS, March 2016).	 Figure 53 – Noise wall installed and consistent with requirements within approved UDDR.

Condition	Condition text	Evidence
B75 The following must be included on, or provided with the Revised Landscape Design Drawings required under Condition B52:	(a) irrigation systems;	 Figure 54 – Landscape irrigation piping at Warehouse N1.

Condition	Condition text	Evidence
		 Figure 55 – Landscape irrigation at Warehouse N2.

Condition	Condition text	Evidence
		 Figure 56 – Landscape irrigation at Warehouse MoNDC.

Condition	Condition text	Evidence
		 Figure 57 – Landscape irrigation at Warehouse MoRDC.

Condition	Condition text	Evidence
	(b) planting schedule including tree and shrub species, expected mature height, planting densities and to sizes;	NA – no photographic evidence. See quarterly report for implementation status.
	(c) soil specification and depth for landscaped areas in relation to pot sizes and species to ensure the viability of shrubs and trees;	RLDD meets this requirement. Completed.
	(d) landscaping around the southern and northern boundaries of the site; and	NA – no photographic evidence. See quarterly report for implementation status.

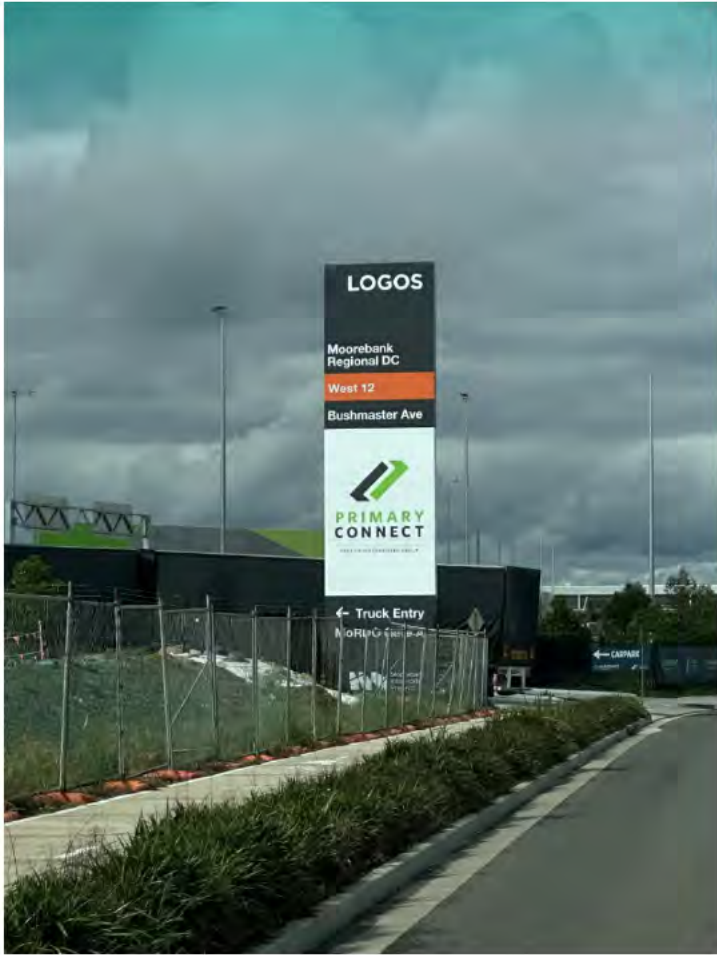
Condition	Condition text	Evidence
	(e) noise wall, retaining wall and fencing graphics and material details.	 Figure 58 – Example of a section of the completed noise wall. Subject example at the northern end of OSD 5.

Condition	Condition text	Evidence
		 Figure 59 – Example of the retaining walls found across site. Subject example is on the western side of the noise wall adjacent to Warehouse MoNDC.

Condition	Condition text	Evidence
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	NA – no photographic evidence. See quarterly report for implementation status.
	(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.	 Figure 60 – Example of the complying operational lighting on site. Subject example is at Warehouse MoRDC.

Condition	Condition text	Evidence
B77 The following signage is not permitted	(a) general advertising or flashing signs;	 Figure 61 – Complying signage for Warehouse N2 on Bushmaster Avenue.
	(b) west facing illuminated building signage visible from residences and;	
	(c) internally illuminated signs that are visible from residences.	

Condition	Condition text	Evidence
		 Figure 62 – Complying signage for Warehouse N1 on Bushmaster Avenue.

Condition	Condition text	Evidence
		 Figure 63 – Complying signage for Warehouse MoRDC on Bushmaster Avenue.

Condition	Condition text	Evidence
		 Figure 64 – Complying signage for Warehouse MoNDC on Bushmaster Avenue.

Condition	Condition text	Evidence
B78	Signage must not occupy more than 10% of a façade or wall of a building.	 Figure 65 – Complying signage for Warehouse MoNDC.

Condition	Condition text	Evidence
		 Figure 66 – Complying signage for Warehouse MoRDC.

Condition	Condition text	Evidence
		 Figure 67 – Complying signage for Warehouse N1.

Condition	Condition text	Evidence
B80	A rainwater tank must be included on each Warehouse, the freight village and rail terminal buildings.	 Figure 68 – Rainwater tank located at Warehouse N2.

Condition	Condition text	Evidence
		 Figure 69 – Rainwater tank located at Warehouse N1.

Condition	Condition text	Evidence
		 Figure 70 – Rainwater tank located at Warehouse MoRDC.

Condition	Condition text	Evidence
		 Figure 71 – Rainwater tank located at Warehouse MoNDC.

Condition	Condition text	Evidence
B81	Rainwater must be used for irrigation, internal non-potable uses, the container washdown facility and be considered for a variety of cooling techniques.	 Figure 72 – Example of internal rainwater usage. Subject example in Warehouse N2.

Condition	Condition text	Evidence
		 Figure 73 – Example of landscape irrigation piping. Subject example at Warehouse N1.

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.

Trusting all is satisfactory.

For **DIRECT METAL ROOFING (NSW) PTY LTD**

[REDACTED]



06 March 2024

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

Ref: 

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  and enter the activation code – . 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**

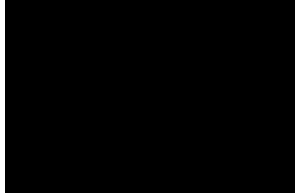
Please note that this correspondence is not a warranty, but merely an indication of warranties that may be provided upon application at completion of construction of your project. Warranty offers are subject to change pending the final design and installation parameters of your project.

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

Regards,
BlueScope Steel Limited



BlueScope Steel Limited
ABN 16 000 011 058



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 [REDACTED] 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

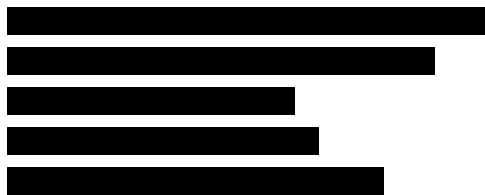
Woolworths Group Ltd

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 - MoRDC								
PROJECT Address:	Moorebank NSW								
SCHEDULE Name:	EXTERNAL FINISHES SCHEDULE								
REVISION:	C4	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 04: 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 Surfmist)	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 Surfmist)	Folded steel barge Capping	BlueScope Lysaght	Refer to Specification Section 0421 Roofing Refer to architectural drawings			
	BW	CONCRETE BLOCKWORK	Face Blockwork. Paint finish T8C	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:**.X.*	EXTERNAL DOOR FRAME (ALUMINIUM)	Refer to Specification section 0451 Windows & Glazed Doors	Extruded aluminium frames	Dulux Powders	Refer to architectural drawings			
	D:**.X.*	EXTERNAL DOOR FRAME (STEEL)	Maximus SGSB9	Welded Steel frames, painted finish	Dulux	Refer to architectural drawings			
	D:**.X.*	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.X.* D:0.M.X.*	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.X.*	EXTERNAL DOORS (CAR PARK LEVEL 1)	Dulux Colorbond Surfmist (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 Surfmist)	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			

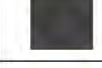
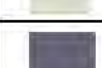
IMAGE	CODE	ITEM	FINISH / COLOUR	DESCRIPTION	SUPPLIER	LOCATION	COMMENTS
	PC*	PARAPET CAPPING	Colorbond Surfmist	Parapet capping	Refer to specification	Refer to architectural drawings	
	PF	PAN FLASHING	Colorbond Surfmist	Flashing from ridge to roof penetration and around	Refer to specification	Refer to architectural drawings	
	P520	PAINT FINISH	To match adjacent wall colour	Warehouse	Dulux	Refer to architectural drawings	
	P521	PAINT FINISH	Dulux Colorbond Monument (C29)	Warehouse Including the feature facade diamond pattern	Dulux	Refer to architectural drawings	
	P522	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
	P523	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
	P524	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
	P525	PROFILED METAL COLORBOND FINISH	Colorbond Windspray	Fire Spinkier Tanks, Colorbond finish Rainwater Tanks, Colorbond finish	BlueScope Lysaght	Refer to architectural drawings including external elevations	
	P526	PAINT FINISH	Colorbond Surfmist C1	-	Dulux	Refer to architectural drawings	
	P527	PAINT FINISH	Guild Grey SG6G5	Precast Concrete Panels to the Energy Complex and Fire Pump House	Dulux	Refer to architectural drawings	
	P528	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 SOFRIT LINING	Colorbond Surfmist	Profiled Metal Sheet	BlueScope Lysaght	Refer to Reflected Ceiling Plans Refer to Specification Section 0431 Cladding for further details	
	SL2	SOFRIT 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 Drivers Amenities building Refer to architectural drawings	
	WT3	ALUMINIUM CLADDING	Anthracite Grey	MondoClad Aluminium Non-combustible, pre-finished perforated aluminium sunscreen	Halifax Vogel Group Pty Limited	Warehouse, Canteen, and Drivers 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.



BlueScope Steel Limited
ABN 16 000 011 058



02 July 2024

Ref:



Attn:



Principal: Fabcot Pty Ltd –



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 [redacted] 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)



BlueScope Steel Limited
ABN 16 000 011 058



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 Limited
ABN 16 000 011 058

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 [REDACTED] 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

BELL Architecture



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 Surfsmist)	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 Surfsmist)	Folded steel barge Capping	BlueScope Lysaght	Refer to architectural drawings	Refer to Specification Section 0421 Roofing
	BW	CONCRETE BLOCKWORK	Face Blockwork. Paint finish T8C	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 SG5B9	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 Surfsmist C1	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:E,*	EXTERNAL DOORS (ENERGY COMPLEX)	Colorbond Surfsmist C1	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:H,*	EXTERNAL DOORS (TRUCK WASH)	Colorbond Surfsmist C1	Metal clad door panels, and Solid core door panels	Dulux	Refer to architectural drawings	
	D:W,*	EXTERNAL DOORS (TRAILER MAINTENANCE)	Colorbond Surfsmist 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 SG5B9	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	

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	
	P520	PAINT FINISH	To match adjacent wall colour	Warehouse	Dulux	Refer to architectural drawings	
	P521	PAINT FINISH	Dulux Colorbond Monument (C29)	Warehouse Including the feature façade diamond pattern	Dulux	Refer to architectural drawings	
	P522	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
	P523	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
	P524	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
	P525	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 (AN) scope
	P526	PAINT FINISH	Colorbond Surfmist C1	DC: Receiving Hub Office Trailer Maintenance	Dulux	Refer to architectural drawings	
	P527	PAINT FINISH	Guild Grey SG6GS	-	Dulux	Refer to architectural drawings	
	P528	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 joints	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 90Z77665	Powdercoated Steel Cupboard, for electrical services	Dulux Powders	Refer to architectural drawings	
	SL1	PROFIED METAL SHEET SOFRIT CLADDING	Colorbond Surfmist	Profined steel sheet cladding	BlueScope Lysaght	Refer to Reflected Ceiling Plans	Refer to Specification Section 0431 Cladding for further details
	SL2	SOFRIT 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	Profined 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, pre-finished 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, pre-finished 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 90Z77665	Non-combustible, pre-finished 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 Surfmist	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	Profined Metal Sheet	BlueScope Lysaght	Refer to architectural drawings	

Appendix C. Lighting Certifications



Energy efficiency Certificate Mermodal – N1, 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



Energy efficiency Certificate Mermodal – N2, 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

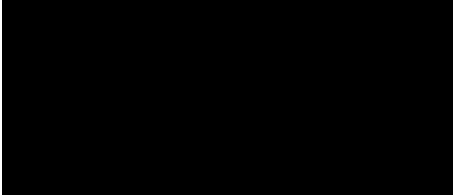
Based on our limited visual inspections, Northrop found the works to be generally in accordance with the above listed documentation and design intent.

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	ESR [REDACTED] MITCO [REDACTED], KF [REDACTED]	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 I6 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, 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.

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

Full Name of Certifier: [REDACTED]

Company: Modcol Pty Ltd (Electrical Contractors License Number - 127609C) - Operating for 27 + years

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

Experience in Electrical Design & Construction (Elec Supervisor License Number - 72920S)

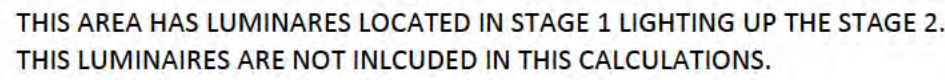
CEC Accredited Grid Connect Designer & Installer - License Number - A6419004

Title: [REDACTED]

Date: Monday 13th December 2021

Luminaire Schedule						
Symbol	Qty	Label	Description	LLF	Luminaire Lumens	Luminaire Watts
	39	W2	H22-80-38	0.700	11343	79.36
	18	LP1	H22-80-38	0.700	11343	79.36
	27	W4	AR-450-T10	0.700	62872	448.681
	52	LP3	AR-450-T10	0.700	62872	448.681

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



SCALE = 1 : 600



NEW EDGE GROUP
ELECTRICAL | DATA | HVAC

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ARCHITECTS

BELL

MAIN CONTRACTOR:
RICHARD CROOKES

CONSTRUCTIONS
P:
ELECTRICAL CONSULTANT

ELECTRICAL CONSULTANT

BESTEC

CLIENT:



PROJECT:

**WOOLWORTHS DC PROPOSED MORDC
MOOREBANK AVE, MOOREBANK, NSW**



DRAWN:

DESIGNED:

100

CHECK:

TITLE:
EXT

SCALE A

TITLE: **EXTERNAL LIGHTING VERTICAL METER SUMMARIES**

SCALE AT A0:

PROJECT No:

DRAWING No:

2

REVISION

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):

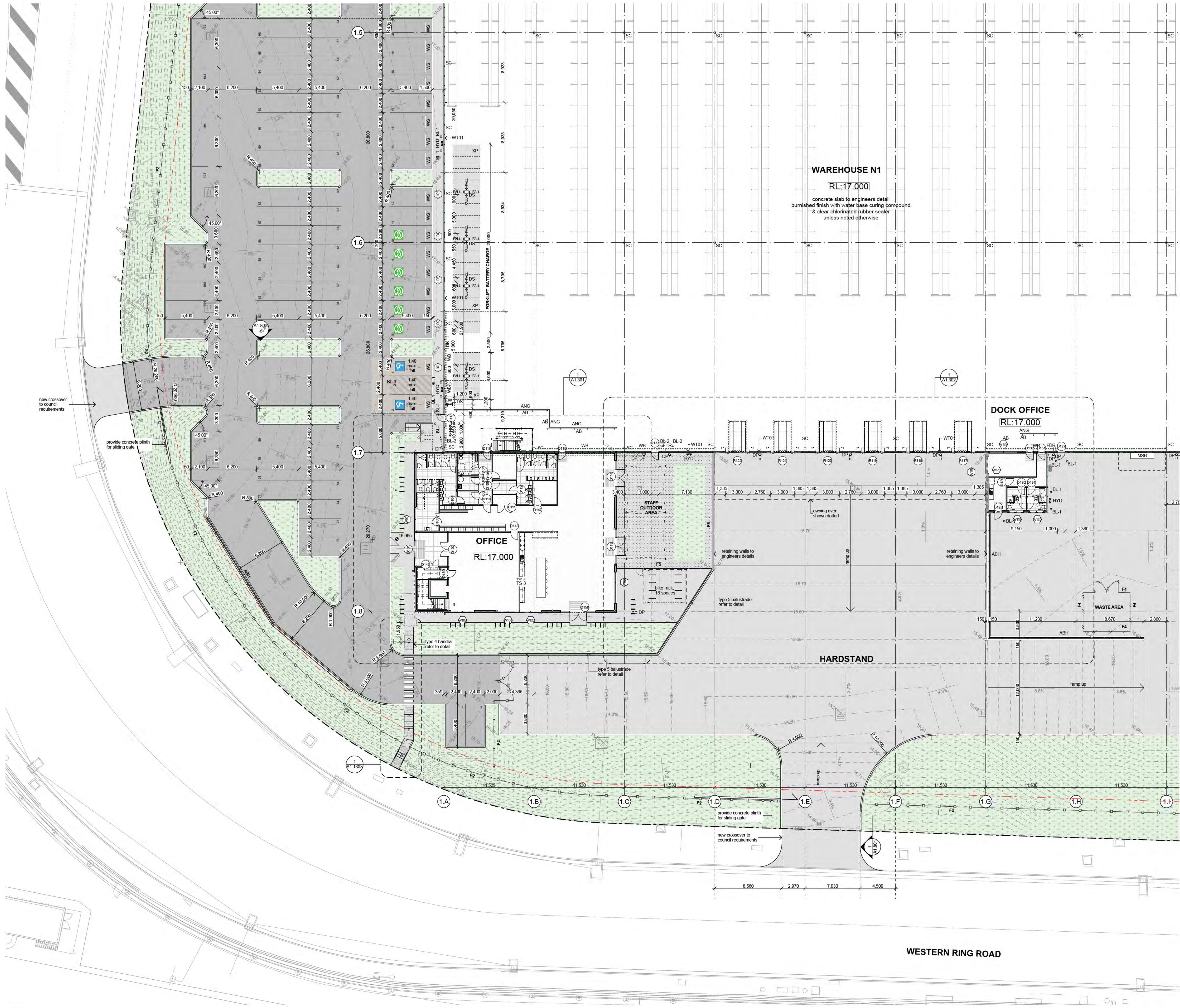
Calculation Label	Test Results
ObtrusiveLight - West_Cd_Seg1	PASS
ObtrusiveLight - West_Cd_Seg2	PASS
ObtrusiveLight -North_Cd_Seg1	PASS
ObtrusiveLight_East_Cd_Seg1	PASS

Upward Waste Light Ratio (UWLR)

Maximum Allowable Value: 3.0 %

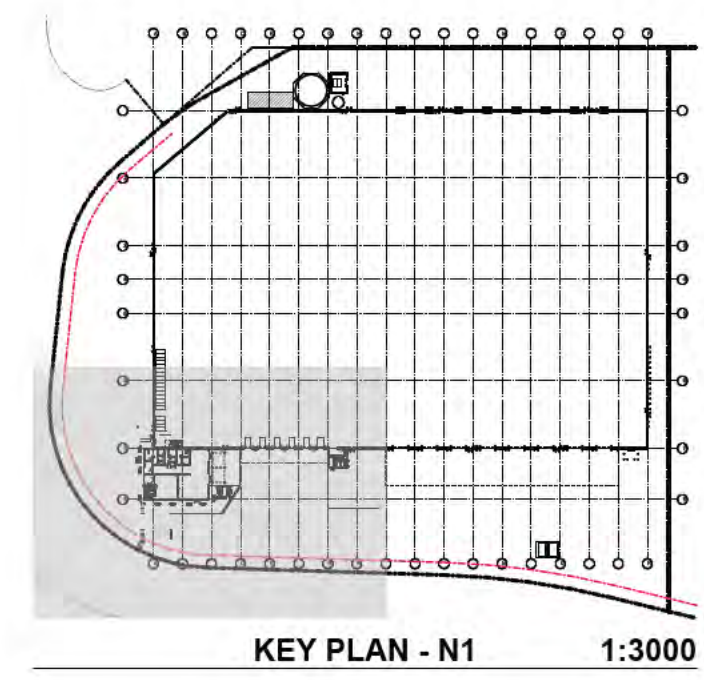
Calculated UWLR: 0.2 %
Test Results: PASS

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



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

NO.	DATE	REVISION	BY	CHK
E	21/07/2023	AMENDED AS CLOUDED		
F	19/08/2023	AMENDED AS CLOUDED		
G	21/09/2023	AMENDED AS CLOUDED		
H	29/09/2023	AMENDED AS CLOUDED		
I	3/10/2023	AMENDED AS CLOUDED		
J	12/10/2023	AMENDED AS CLOUDED		
K	24/11/2023	AMENDED AS CLOUDED		
L	27/11/2023	AMENDED AS CLOUDED		
M	5/01/2024	AMENDED AS CLOUDED		
N	25/01/2024	AMENDED AS CLOUDED		
O	19/02/2024	AMENDED AS CLOUDED		
P	29/02/2024	AMENDED AS CLOUDED		
Q	5/03/2024	AMENDED AS CLOUDED		
R	13/03/2024	FOR CONSTRUCTION		
S	26/03/2024	FOR CONSTRUCTION		
T	24/05/2024	AS-BUILT		



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 MATCH NS VEHICLE GATES
F4	FN-C 1800mm HEIGHT BLACK PVC COATED CHAINWIRE MESH FENCE WITH MATCH NS GATES
F5	FN-E 1800mm HEIGHT POWDERCOATED SLAT FENCE WITH MATCH NS 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
Melbourne Sydney

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 A20 No 0090, A200 No 10008

SCALE:
As shown @ B1
NTS @ A3

CHECKED BY:

FILE PATH: \\BMS\mod - TrainMod\PC - BMS\mod - BMS for Architect 202020 001 Vaughan\Logos\W01
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 1985

Melbourne Sydney

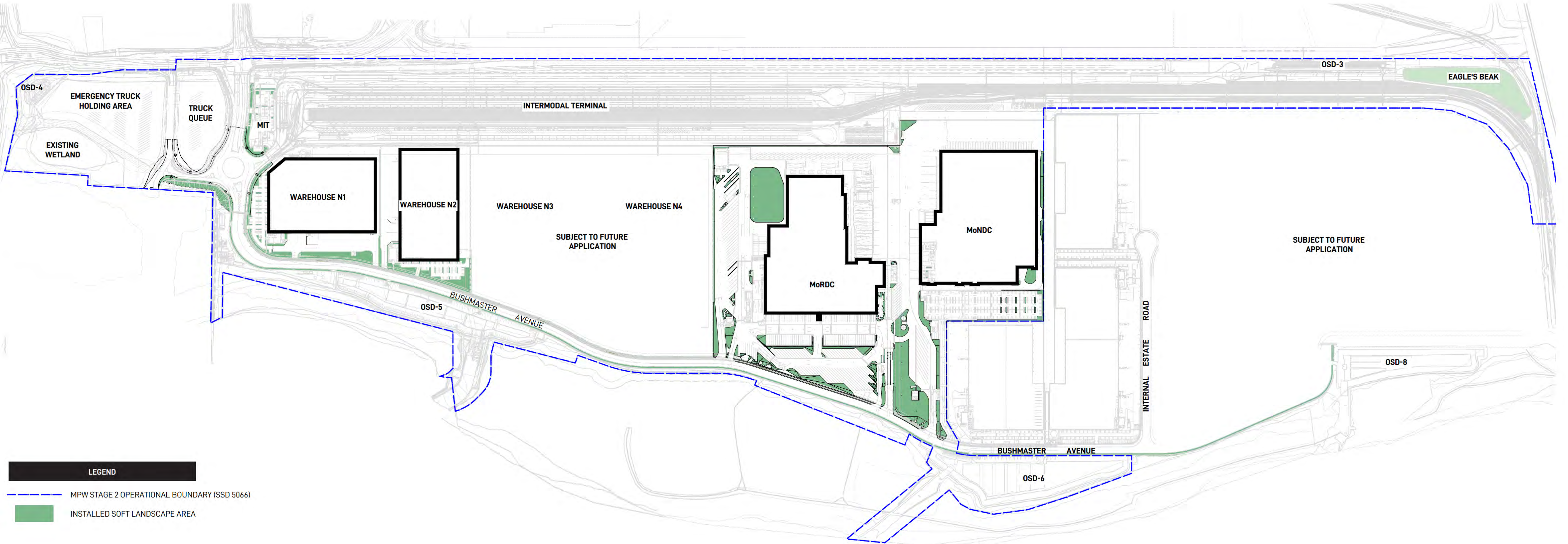
PROPRIETOR: LOGOS

DTA REFERENCE JOB NO: 2023.001		
VC JOB NO:	DRAWING NO:	REVISION:
22-359	A2.301	P

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																					
	OSD6	22 910M²																					
	OSD8	12 770M²																					
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)																							
SUBJECT TO FUTURE DEVELOPMENT																							
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: • T E ABOVE INFORMATION IS BASED ON THE PRELIMINARY DESIGN INSPECTOR 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 ON THE NEXT QUARTERLY INSPECTOR • T E SITE INSPECTOR ABOVE DOES NOT INCLUDE CONSIDERATION OF HARD LANDSCAPING WORKS INSTALLED ON SITE • T S 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 • T S NOTED THAT THERE WILL BE FURTHER WORKS COMPLETED WITH THE MAAI INTERSECTION SUBJECT TO TfNSW LANDSCAPING REQUIREMENTS. IN DUE COURSE, ADDITIONAL FUTURE TREE PLANTING WILL RESULT IN THE AREA CONFORMING WITH CONDITION B68 (B) 1 TREE/30M²																				
	EAGLE'S BEAK	9 418M²																					

Appendix F. CARAS Fill Register for Q4 2024

Date	Time	Vehicle	Docket	Supplier	Source	Project	Destination	Product	Material	For use as	Vehicle Combination	Gross (t)	Tare (t)	Net (t)	Revision
02/10/24	05:56	XNS3DT			2142376 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
02/10/24	07:26	XO79HE			2142396 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
02/10/24	07:29	XP09CG			2142409 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.90
02/10/24	07:03	XO94FO			2142429 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.65
02/10/24	07:23	CGR110			2142455 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.90
02/10/24	07:29	XO23TP			2142467 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.10
02/10/24	07:41	XP87CY			2142499 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.30
02/10/24	07:42	XO78JU			2142595 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.05
02/10/24	07:39	XO44YU			2142680 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.15
08/10/24	08:15	XP49BK			2142910 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.15
08/10/24	07:12	XO25HC			2159319 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.15
08/10/24	07:18	XO79HE			2159338 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
08/10/24	07:12	LNW502			2159348 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
08/10/24	07:19	XO34GM			2159353 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
08/10/24	07:17	LNW503			2159362 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.45
08/10/24	07:12	XO94FO			2159375 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.55
08/10/24	07:14	LNW501			2159388 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.25
08/10/24	07:24	XN82PT			2159406 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.85
08/10/24	06:56	XP49BK			2159421 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
08/10/24	07:27	XO78JU			2159433 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.05
08/10/24	08:40	XO25HC			2159948 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.15
08/10/24	08:45	LNW502			2159959 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
08/10/24	08:53	XO79HE			2159975 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
08/10/24	08:53	LNW503			2159988 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.35
08/10/24	08:59	XO34GM			2160002 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.25
08/10/24	08:57	XO94FO			2160020 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.65
08/10/24	11:14	LNW501			2160031 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.25
08/10/24	09:09	XO78JU			2160042 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.90
08/10/24	09:08	XP49BK			2160070 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.10
08/10/24	09:25	XN82PT			2160082 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.80
08/10/24	10:13	XO25HC			2160247 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	10:16	LNW502			2160274 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
08/10/24	10:34	XO79HE			2160307 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
08/10/24	10:43	XO34GM			2160378 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.25
08/10/24	10:40	XO94FO			2160402 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.70
08/10/24	10:44	LNW503			2160426 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.50
08/10/24	11:09	XO78JU			2160464 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.05
08/10/24	11:13	LNW501			2160619 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.25
08/10/24	11:34	XP49BK			2160709 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.15
08/10/24	11:23	XN82PT			2160770 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.75
08/10/24	11:36	XO25HC			2160841 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	11:37	LNW502			2160855 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.80
08/10/24	12:09	XO34GM			2160952 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.25
08/10/24	12:13	XO94FO			2160970 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.70
08/10/24	12:29	XO78JU			2161003 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	12:30	LNW501			2161030 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.35
08/10/24	13:00	XN82PT			2161069 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.75
08/10/24	12:54	XO25HC			2161108 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	12:56	XP49BK			2161121 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
08/10/24	13:12	LNW502			2161156 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
08/10/24	13:31	XO94FO			2161200 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.70
08/10/24	13:50	XO34GM			2161222 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
08/10/24	13:59	XO78JU			2161230 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	13:54	LNW501			2161256 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.20
08/10/24	14:20	XP49BK			2161352 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.25
08/10/24	14:27	XO25HC			2161365 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	14:31	LNW502			2161374 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.80
08/10/24	14:47	XO94FO			2161399 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.65
08/10/24	15:16	XO34GM			2161480 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
08/10/24	15:27	XO78JU			2161489 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	15:22	LNW501			2161499 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
08/10/24	16:02	XO25HC			2161542 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
08/10/24	16:03	XP49BK			2161546 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.15
08/10/24	15:36	LNW502			2161561 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.80
15/10/24	07:06	XO25HC			2185796 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	07:07	LNW502			2185841 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
15/10/24	07:18	XO34GM			2185863 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.25
15/10/24	07:16	LNW501			2185879 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.20
15/10/24	07:16	LNW503			2185892 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.40
15/10/24	07:15	XO27MO			2185915 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.10
15/10/24	06:36	XNS3DT			2185937 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
15/10/24	06:05	XO5455			2185953 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	
15/10/24	07:23	XO79HE			2185977 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
15/10/24	07:16	XP09CG			2185996 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.90
15/10/24	06:48	XP49BK			2186014 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
15/10/24	07:25	XP46CV			2186032 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	19.10
15/10/24	07:26	XP75AK			2186063 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	11.00
15/10/24	07:37	XO74IW			2186188 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.65
15/10/24	08:53	XO25HC			2186758 Metro WE	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00

	08:52	LNM502		2186780	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
15/10/24		LNM501		2186791	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
15/10/24	09:05			2186807	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.40
15/10/24	09:11	XO79HE		2186827	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
15/10/24	09:15	XO27MO		2186841	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.10
15/10/24	09:23	XP09CG		2186860	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	09:25	XO54SS		2186872	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	
15/10/24	08:37	XN53DT		2186886	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.40
15/10/24	09:52	XO34GM		2186909	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
15/10/24	09:24	XP49BK		2186928	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
15/10/24	10:11	XP75AK		2186944	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	11.00
15/10/24	09:44	XP46CV		2186966	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	19.20
15/10/24	10:12	XO74IW		2187079	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.70
15/10/24	10:38	XO25HC		2187294	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	10:34	LNM502		2187311	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
15/10/24	10:57	LNM501		2187397	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
15/10/24	11:02	LNM503		2187416	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.40
15/10/24	11:03	XO79HE		2187437	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
15/10/24	11:10	XP09CG		2187460	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	11:20	XO27MO		2187488	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
15/10/24	11:11	XO54SS		2187515	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	
15/10/24	10:32	XN53DT		2187535	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	14.90
15/10/24	11:10	XP49BK		2187631	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.25
15/10/24	11:21	XO34GM		2187656	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
15/10/24	11:32	XP46CV		2187676	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	19.25
15/10/24	11:51	XO74IW		2187724	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.70
15/10/24	12:17	XO25HC		2188050	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	12:26	LNM502		2188065	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.80
15/10/24	12:35	XP75AK		2188071	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	11.00
15/10/24	12:39	XP09CG		2188087	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	12:39	LNM501		2188099	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
15/10/24	12:43	XO79HE		2188107	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
15/10/24	12:44	LNM502		2188122	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.40
15/10/24	12:50	XO54SS		2188131	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	
15/10/24	12:52	XO27MO		2188144	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
15/10/24	12:49	XP49BK		2188164	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
15/10/24	13:09	XP46CV		2188179	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	19.25
15/10/24	12:35	XN53DT		2188235	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
15/10/24	13:32	XO34GM		2188251	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
15/10/24	13:32	XO74IW		2188269	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.75
15/10/24	13:44	XO25HC		2188337	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	14:48	XP09CG		2188354	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	14:04	XP75AK		2188372	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	11.00
15/10/24	14:06	LNM501		2188392	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
15/10/24	14:29	XO79HE		2188402	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
15/10/24	14:20	XO54SS		2188415	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	
15/10/24	14:44	XO27MO		2188430	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.90
15/10/24	14:23	LNM503		2188441	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.40
15/10/24	14:19	XP49BK		2188454	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.15
15/10/24	14:34	LNM502		2188466	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.80
15/10/24	14:00	XN53DT		2188484	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.40
15/10/24	14:57	XP46CV		2188514	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	19.15
15/10/24	15:12	XO34GM		2188529	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.15
15/10/24	15:13	XO74IW		2188543	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.75
15/10/24	15:15	XO25HC		2188574	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
15/10/24	15:55	LNM503		2188707	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.45
15/10/24	15:55	XP49BK		2188730	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.25
15/10/24	16:33	XP75AK		2188744	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	11.00
15/10/24	16:23	XO27MO		2188762	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.20
15/10/24	16:38	XP46CV		2188867	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	19.10
17/10/24	07:12	XO25HC		2195166	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
17/10/24	07:23	XP80BI		2195208	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
17/10/24	07:23	XO34GM		2195228	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
17/10/24	07:27	LNM501		2195244	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.35
17/10/24	07:25	LNM502		2195250	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
17/10/24	07:25	XO61PG		2195281	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.10
17/10/24	07:27	LNM503		2195298	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.40
17/10/24	07:33	XO74IW		2195319	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.60
17/10/24	06:47	XN53DT		2195351	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.40
17/10/24	07:35	XO77SF		2195361	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.80
17/10/24	07:34	XO79HE		2195382	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
17/10/24	07:34	XP09CG		2195400	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
17/10/24	07:37	XO78BI		2195413	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
17/10/24	07:32	XN82PT		2195440	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.75
17/10/24	08:53	XO25HC		2195943	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00
17/10/24	09:08	XP80BI		2195970	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
17/10/24	09:12	LNM503		2195990	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	16.40
17/10/24	08:37	XN53DT		2195995	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.35
17/10/24	09:22	LNM501		2196002	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.30
17/10/24	09:25	LNM502		2196006	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	15.90
17/10/24	09:34	XO34GM		2196045	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	20.20
17/10/24	09:32	XO79HE		2196053	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	17.45
17/10/24	09:36	XP09CG		2196062	Metro WE - Hunter St	LPWDR	WH12 Small Stockpile	Standard	Sandstone	Structural	10 Wheeler	N/A	N/A	18.00

06/11/24	06:20	CP76NX		2267319	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.34	
06/11/24	07:05	X083HB		2267339	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.38	
06/11/24	07:01	X054PN		2267358	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				38.28	
06/11/24	08:59	CP70NT		2267923	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.95	
06/11/24	09:24	X083HB		2267977	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.32	
06/11/24	10:17	CP76NX		2268004	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.32	
06/11/24	10:15	X054PN		2268206	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.38	
06/11/24	11:04	CP70NT		2268430	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.95	
06/11/24	12:00	CP76NX		2268610	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.14	
06/11/24	11:28	X083HB		2268648	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.96	
06/11/24	11:40	001LMH		2268665	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.40	
06/11/24	12:12	X054PN		2268732	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.58	
06/11/24	13:48	CP70NT		2268965	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				34.65	
06/11/24	14:01	CP76NX		2269020	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				34.90	
06/11/24	14:16	X083HB		2269079	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.02	
06/11/24	14:16	001LMH		2269202	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.86	
06/11/24	14:50	X054PN		2269308	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				34.96	
06/11/24	15:29	CP70NT		2269395	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				34.93	
12/11/24	10:31	X054PN		2287516	Metro WE	The Bays – TBM	FDC compound	Standard	Sandstone	Structural				34.34	
13/11/24	06:48	XN23OH		2290249	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.10	
13/11/24	06:56	X083HB		2290297	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.10	
13/11/24	07:09	CL56VU		2290306	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.15	
13/11/24	06:58	X049AZ		2290318	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.15	
13/11/24	06:49	X075LP		2290330	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.08	
13/11/24	06:59	X013GC		2290352	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.08	
13/11/24	07:03	X001L		2290382	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.00	
13/11/24	06:49	LNMS01TRUCK DC		2290399	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.00	
13/11/24	07:05	X093KG		2290417	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				38.00	
13/11/24	06:52	001LMH		2290536	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				34.76	
13/11/24	08:36	X075LP		2291059	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.44	
13/11/24	08:43	XN23OH		2291033	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.44	
13/11/24	08:52	001LMH		2291100	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.04	
13/11/24	08:54	X049AZ		2291111	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				34.10	
13/11/24	09:02	X083HB		2291124	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.34	
13/11/24	09:01	LNMS01TRUCK DC		2291154	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.00	
13/11/24	09:12	X013GC		2291142	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.78	
13/11/24	09:23	X001L		2291180	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				33.06	
13/11/24	09:19	X093KG		2291200	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.24	
13/11/24	08:45	X029UB		2291230	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.00	
13/11/24	09:44	CL56VU		2291252	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.14	
13/11/24	09:48	X054PN		2291279	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.70	
13/11/24	10:08	X075LP		2291446	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.58	
13/11/24	10:36	XN23OH		2291474	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				33.96	
13/11/24	10:37	001LMH		2291586	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.76	
13/11/24	10:41	X049AZ		2291531	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.32	
13/11/24	10:40	X083HB		2291617	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				34.16	
13/11/24	12:30	LNMS01TRUCK DC		2291663	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.00	
13/11/24	10:58	X093KG		2291698	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.80	
13/11/24	11:03	X013GC		2291749	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.66	
13/11/24	11:42	X001L		2291796	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				34.06	
13/11/24	10:48	X029UB		2291919	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.17	
13/11/24	11:42	X054PN		2291929	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.46	
13/11/24	12:36	CL56VU		2291890	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.94	
13/11/24	11:54	X075LP		2291954	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.24	
13/11/24	14:13	XN23OH		2291966	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.48	
13/11/24	12:47	X083HB		2292014	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				35.94	
13/11/24	12:26	X049AZ		2291995	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.14	
13/11/24	12:45	X093KG		2292088	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.96	
13/11/24	12:46	X029UB		2292336	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.85	
13/11/24	13:23	001LMH		2292264	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.24	
13/11/24	14:09	X013GC		2292403	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.46	
13/11/24	13:33	X054PN		2292411	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.40	
13/11/24	13:41	X075LP		2292428	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				36.90	
13/11/24	13:31	XN23OH		2292445	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.00	
13/11/24	13:50	X049AZ		2292467	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				38.00	
13/11/24	14:22	CL56VU		2292510	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				38.00	
13/11/24	14:11	X093KG		2292516	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				38.00	
13/11/24	14:00	X029UB		2292655	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.50	
13/11/24	15:00	X013GC		2292693	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.00	
13/11/24	15:09	001LMH		2292705	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.00	
13/11/24	15:15	X054PN		2292729	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				38.00	
13/11/24	15:12	XN23OH		2292748	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				37.00	
14/11/24	06:01	XN23OH		2293952	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.50	
14/11/24	07:00	CL56VU		2293971	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.00	
14/11/24	08:26	001LMH		2293993	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.00	
14/11/24	08:23	X083HB		2293999	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				38.00	
14/11/24	07:20	X054PN		2294016	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				38.20	
14/11/24	05:10	X094KG		2294041	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				37.00	
14/11/24	07:38	X013GC		2294146	Metro WE	The Bays – Pyrmont/Hunter Materia FDC compound	FDC compound	Standard	Sandstone	Structural				35.00	
14/11/24	05:57	X026QV		2294200	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				33.76	
14/11/24	06:08	X029UB		2294445	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				38.00	
14/11/24	09:43	XN23OH		2295084	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.00	
14/11/24	09:28	X054PN		2295159	Metro WE	The Bays – Mixed	FDC compound	Standard	Sandstone	Structural				36.30	

14/11/24	11:35	XN23OH	2295891	Metro WE	The Bays – Pyrmont/Hunter Materla	FDC compound	FDC compound	Standard	Sandstone	Structural						35.76	
14/11/24	14:42	XN23OH	2296596	Metro WE	The Bays – Pyrmont/Hunter Materla	FDC compound	FDC compound	Standard	Sandstone	Structural						37.00	
15/11/24	10:19	XN23OH	2299877	Metro WE	The Bays – Pyrmont/Hunter Materla	FDC compound	FDC compound	Standard	Sandstone	Structural						37.00	
22/11/24	06:09	XO25HC	2323734	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.30	
22/11/24	06:20	XO79HE	2323744	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.45	
22/11/24	06:32	XP09CG	2323758	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.05	
22/11/24	06:21	XN53DT	2323764	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.40	
22/11/24	06:27	XP80BI	2323776	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						20.30	
22/11/24	06:25	XO61PG	2323790	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.10	
22/11/24	06:33	LNMS02	2323795	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						16.00	
22/11/24	06:32	LNMS01	2323804	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.30	
22/11/24	06:59	XO95PL	2323833	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.70	
22/11/24	06:45	XO27MO	2323859	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.20	
22/11/24	07:00	XO54SS	2323911	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						16.75	
22/11/24	07:01	CGR110	2323939	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.05	
22/11/24	07:25	XP59CX	2323965	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.35	
22/11/24	07:25	XP65AM	2323990	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.15	
22/11/24	07:19	XP49BK	2324010	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.15	
22/11/24	07:15	XO94FO	2324033	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.65	
22/11/24	07:16	XO12UV	2324055	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.55	
22/11/24	07:42	XO25HC	2324354	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.35	
22/11/24	07:54	XO79HE	2324391	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.45	
22/11/24	07:55	XN53DT	2324411	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.45	
22/11/24	07:59	XP09CG	2324427	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.00	
22/11/24	08:04	XO61PG	2324448	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.05	
22/11/24	08:21	XO34GM	2324472	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						20.25	
22/11/24	08:17	XP80BI	2324493	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						20.30	
22/11/24	08:24	LNMS02	2324522	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.95	
22/11/24	08:24	LNMS01	2324536	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.35	
22/11/24	08:29	XO27MO	2324549	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.15	
22/11/24	08:43	XO54SS	2324626	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						16.75	
22/11/24	08:40	CGR110	2324647	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.05	
22/11/24	08:50	XO95PL	2324657	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.70	
22/11/24	08:50	XO94FO	2325141	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.65	
22/11/24	08:57	XP65AM	2325164	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.10	
22/11/24	08:51	XP49BK	2325193	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.20	
22/11/24	09:08	XO12UV	2325231	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.55	
22/11/24	09:23	XP59CX	2325302	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.30	
22/11/24	09:18	XO25HC	2325357	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.30	
22/11/24	09:22	XO79HE	2325382	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.50	
22/11/24	09:28	XN53DT	2325395	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.45	
22/11/24	10:26	XP09CG	2325410	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.05	
22/11/24	09:37	XO61PG	2325440	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.05	
22/11/24	09:52	XP80BI	2325483	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						20.20	
22/11/24	10:03	XO34GM	2325505	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						20.30	
22/11/24	09:59	LNMS02	2325521	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.95	
22/11/24	10:00	LNMS01	2325558	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.35	
22/11/24	10:10	XO27MO	2325591	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.20	
22/11/24	10:08	XO54SS	2325610	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						16.75	
22/11/24	10:09	CGR110	2325642	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.00	
22/11/24	10:16	XO94FO	2325706	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.70	
22/11/24	10:28	XP65AM	2325725	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.10	
22/11/24	10:23	XP49BK	2325742	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.25	
22/11/24	10:48	XO95PL	2325834	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.80	
22/11/24	10:48	XO12UV	2325883	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.55	
22/11/24	10:59	XP59CX	2325931	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.35	
22/11/24	10:54	XO25HC	2326581	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.35	
22/11/24	11:02	XO79HE	2326599	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.50	
22/11/24	11:07	XN53DT	2326615	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.45	
22/11/24	11:20	XP09CG	2326633	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.05	
22/11/24	11:11	XO61PG	2326651	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.10	
22/11/24	11:26	XP80BI	2326706	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						20.30	
22/11/24	11:35	XO34GM	2326728	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.30	
22/11/24	11:36	LNMS02	2326759	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.95	
22/11/24	11:36	LNMS01	2326762	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.30	
22/11/24	11:41	XO54SS	2326772	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						16.80	
22/11/24	11:44	CGR110	2326787	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.00	
22/11/24	11:48	XO27MO	2326799	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.25	
22/11/24	11:44	XO94FO	2326817	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.75	
22/11/24	12:02	XP65AM	2326848	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.15	
22/11/24	11:57	XP49BK	2326882	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.20	
22/11/24	12:25	XO12UV	2326945	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						19.45	
22/11/24	12:23	XO25HC	2327000	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.25	
22/11/24	12:24	XO79HE	2327199	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.45	
22/11/24	12:49	XP09CG	2327397	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.00	
22/11/24	14:57	XO95PL	2327406	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.75	
22/11/24	12:57	XO61PG	2327607	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						17.00	
22/11/24	12:48	XN53DT	2327624	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.40	
22/11/24	13:00	XP59CX	2327642	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						18.35	
22/11/24	13:01	XP80BI	2327661	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						20.20	
22/11/24	13:11	LNMS01	2327678	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						15.30	
22/11/24	13:13	LNMS02	2327693	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						16.00	
22/11/24	13:19	XO54SS	2327703	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural						16.75	

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	XN53DT	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	XN53DT	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	XN53DT	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	XN53DT	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	XN53DT	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	
25/11/24	16:42	XP46CV	2337526	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				19.25	
25/11/24	16:19	XP59CX	2337558	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				18.30	
25/11/24	16:10	XO34GM	2337566	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				20.20	
25/11/24	16:33	LNMS01	2337573	Metro WE	Hunter Tunnel	FDC compound	FDC compound	Standard	Sandstone	Structural				15.30	
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

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**

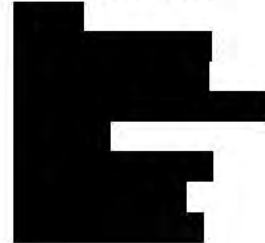
Date	Waste type	Landfill	Recyclable	Comments
2/01/2025		General		
2/01/2025			Cardboard	
8/01/2025		General		
8/01/2025			Cardboard	
9/01/2025			Timber	
15/01/2025		General		
15/01/2025			Cardboard	
22/01/2025		General		
22/01/2025			Cardboard	
23/01/2025			Timber	
29/01/2025		General		
29/01/2025			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

Appendix H. Reuse of Materials

5th October 2017

ABN 89 069 426 955



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,



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:



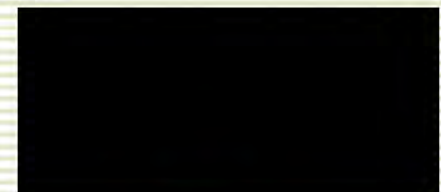
Certificate registration:02221E3045R5L

Issuing date:Aug.2, 2021

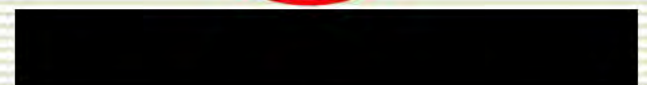
Effective date: From Aug.2, 2021 to Aug.1, 2024

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



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



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

158115 AZZURRI CONCRETE GROUP PTY LTD

Date Range: 06/2021 - 07/2023

Project Name: STAGE 1 WOOLWORTHS JINDC

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	Project	Product Name	Strength Grade (MPa)	Lead Qty (m³)	Cement (kg)	SCM (kg)	Green Shear Release Rate (kg of GFR content)	Cement Reduction vs Green Shear Release Rate (kg of GFR content)	Estimated Recycled Water (L)	Estimated Recycled Water %	Total Fine Aggregate (kg)	Manufactured Sand (kg)	Manufactured Sand Percent of Total Fill	Circular Aggregate %	Circular Total %
08-2021	ZP32A24P	MOCLWORTH/FU/60/MW/50/LE	32	219.2	811.392.0	47.39.20	764.312.00	2.6%	393.310.00	69.201.73	22%	1.599.001.00	2,954.56	0%	1%
09-2021	ZP32A24P	MOCLWORTH/FU/60/MW/50/LE	32	142.5	540.000.0	36.00.00	513.000.00	2.0%	254.280.25	89.197.17	34%	1.025.762.90	1,870.00	0%	1%
10-2021	ZP32A24P	MOCLWORTH/FU/60/MW/50/LE	32	142.5	540.000.0	36.00.00	513.000.00	2.0%	254.280.25	89.197.17	34%	1.025.762.90	1,870.00	0%	1%
06-2022	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
07-2022	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
08-2022	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
09-2022	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
10-2022	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
11-2022	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
12-2022	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
01-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
02-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
03-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
04-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
05-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
06-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
07-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
08-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
09-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
10-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
11-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
12-2023	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
01-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
02-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
03-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
04-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
05-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
06-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
07-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
08-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
09-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
10-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
11-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
12-2024	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
01-2025	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
02-2025	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
03-2025	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
04-2025	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
05-2025	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
06-2025	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
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12-2025	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
01-2026	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
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01-2027	ZP42A24P	MOCLWORTH/FU/60/MW/50/LE	40	340.5	447.818.0	84.609.40	599.676.00	27.3%	240.070.45	203.126.94	81%	1.135.936.45	478.033.40	41%	6%
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04-2027	ZP42A24P	MOCLWORTH/FU/													



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:

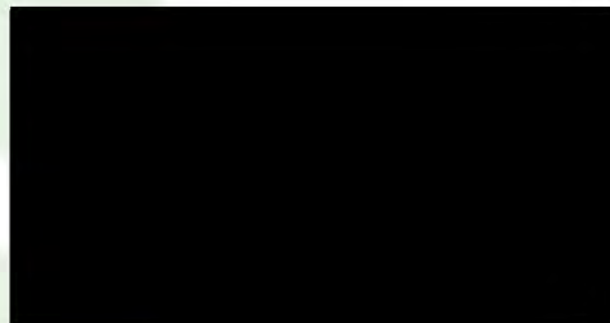
20 January 2022

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 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]
Richard Crookes Constructions
[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]
Sam the Paving Man Pty Ltd

[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
Slog	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

[illegible]

Appendix I. Energy Efficiency



Ener

From

Date

To

Cc



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



Business Improvement Manager | Qube Logistics



QUBE SAFE.
Safety is always on,
so we should be too.



in    qube.com.au

In the spirit of reconciliation, Qube acknowledges the Traditional Custodians of country throughout Australia and their connections to land, sea and community. We pay our respects to Elders past, present and emerging.



IMPORTANT NOTICE: The information in this email is confidential. If you are not the intended recipient, please do not use or disseminate this email or the information in it and please promptly delete this email and destroy any hard copies of this email.