Appendix B11

SGWPS-JHSW-NWW-PM-PLN-000800

Traffic Management and Safety Plan

(State) – SSI 9737

Table of Contents

Appendices

Terms and abbreviations

Term/abbreviation	Definition
AGRD	Austroads Guide to Road Design
APICOG	Airport Precinct Infrastructure Coordination Operations Group
CCTV	Closed Circuit Television
D&C	Design and construct
DPIE	Department of Planning, Industry and Environment
EIS	Environmental Impact Statement
IMS	Integrated Management System
JHSW	John Holland Seymour Whyte
JHSW JV	John Holland Seymour Whyte Joint Venture
Long term	For more than one shift, installed on one day/night and remains in place for weeks or months but is removed on completion of the project or that specific piece of work, e.g., concrete barriers or signage
LTC	Local Traffic Committee
MDP	Major Development Plan
PMP	Project Management Plan
ROL	Road Occupancy License
CJP	Customer Journey Planning
Short term	For one shift only, work may return the next day/night, but it is set-up and packed-up entirely in one shift, e.g. cones and signs for a lane closure
SSTMP	Site Specific Traffic Management Plan
SWTC	Scope of Works and Technical Criteria
TCR	Traffic Control Room
TCS	Traffic Control Signal
TfNSW	Transport for New South Wales (includes the former Roads and Maritime)
TGS	Traffic Guidance Scheme
CJM	Customer Journey Management
TMSP	Traffic Management and Safety Plan
TTM	Temporary traffic management
TTLG	Traffic and Transport Liaison Group
TTMP	Traffic and Transport Management Plan
VMS	Variable message sign
VSLS	Variable speed limit sign

Revisions

Rev	Date	Prepared by	Reviewed by	Approved by	Remarks
		L Vossen	A Deck	H Boyd	For Tender
Signature		……	……..	……	
A	23/1/21	L Vossen			Combined S1 & S3 for delivery
B	03/03/21	L. Vossen			Issued with Appendices
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E	18/05/2021	L Vossen	A Deck	I Karaban	Updated to respond to comments from consultation
F	29/06/2021	L Vossen	A Deck	I Karaban	Updated to respond to DPIE comments

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4	Project Director	
5	Environment and Sustainability Manager	
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Approval and authorisation

Title	Traffic Management and Safety Plan
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1. Introduction

1.1. Context

This Traffic Management and Safety Plan (TMSP or Plan) forms part of the Construction Environmental Management Plan (CEMP) for the Sydney Gateway Road Project (the Project).

This TMSP has been prepared to specifically address the requirements of Condition C5(a) and C6 of the Minister's Conditions of Approval (CoA) listed in the Projects combined Environmental Impact Statement (EIS) / Major Development Plan (MDP), Updated Management Measures (UMMs) from the Response to Submissions Report and all applicable legislation and TfNSW requirements. References to compliance with the Traffic and Transport Sub-Plan within the CoA should be taken to be this TMSP. This Plan also addresses the requirements of the Sydney Gateway Deed –SWTC Appendix C.1 and C5.

As this is a significant Project in a congested, inner city location, managing traffic and safety during the construction phase will be paramount. The success of the Project will be partially judged by how well traffic and safety is managed. For the duration of the Project, JHSW must manage the road network and traffic systems affected by construction activities, within the overall constraints, control and responsibilities that Transport for New South Wales (TfNSW) and Sydney Airport have for the operational management of the Sydney road network and traffic systems.

This Plan outlines the principles, rules and guidelines formulated and adopted by JHSW to reach our long-term goals for the design of the Project. It facilitates the safe construction of the Project to minimise impacts to motorists and the community.

In addition, a Traffic and Transport Management Plan (TTMP) has been developed which outlines circumstances and detailed procedures that are specific for each stage's day-to-day operations and traffic management.

Together, the TMSP and TTMP will ensure that JHSW's approach to traffic and transport management is translated into steps that result in an outcome compatible with the deliverables of the Project. JHSW will use John Holland's Integrated Management System (IMS), policies and processes for the delivery of this Project.

1.2. Background and project description

1.2.1. Background

Transport for NSW (TfNSW) have gained approval to deliver a high capacity road connection linking the Sydney motorway network at St Peters interchange with Sydney Airport's domestic and international terminals and the Port Botany Precinct. The Project is located on both State and Commonwealth land.

For areas on State land, the Project was declared to be critical State significant infrastructure (CSSI) under the *Environmental Planning and Assessment Act 1979* (NSW) (EP&A Act) and was approved by the NSW Minister for Planning and Public Spaces on 27 August 2020.

Commonwealth approval under the *Airports Act 1996* (the *Airports Act*) was granted by the Australian Minister for Infrastructure, Transport and Regional Development on 23 September 2020.

John Holland Seymour White Joint Venture (JHSWJV) have been contracted by Transport for New

South Wales (TfNSW) for the Design and Construction of Sydney Gateway Stage 1 & Stage 3 (the Project).

1.2.2. Project objectives

The objectives of the Project are to connect Sydney Airport Terminal 1 (the International Terminal) and Terminals 2/3 (the Domestic Terminals) with each other and with the Sydney motorway network via St Peters interchange. The Project aims to facilitate the movement of traffic towards Port Botany via General Holmes Drive, and will provide three main routes for traffic:

- Between the Sydney motorway network and Terminal 1, and towards the M5 motorway and the Princes Highway
- Between the Sydney motorway network and Terminals 2/3, and towards General Holmes Drive, Port Botany and Southern Cross Drive
- Between Terminal 1 and Terminals 2/3.

The Project also aims to provide improved access to Sydney Airport land located on both sides of Alexandra Canal and across the Botany Rail Line.

1.2.3. Detailed description

The Project is located about eight kilometres south of the Sydney Central Business District, in the suburbs of Tempe, St Peters and Mascot. It sits within the boundaries of the Inner West, City of Sydney and Bayside local government areas.

The key features of the Project are illustrated in Figure 1-1, which include:

- Road links to provide access between the Sydney motorway network and Sydney Airport's terminals, consisting of the following components:
    - St Peters interchange connection – a new elevated section of road extending from St Peters interchange to the Botany Rail Line, including an overpass over Canal Road.
    - Terminal 1 connection – a new section of road connecting Terminal 1 with the St Peters interchange connection, including a bridge over Alexandra Canal and an overpass over the Botany Rail Line.
    - Qantas Drive upgrade and extension – widening and upgrading Qantas Drive to connect Terminals 2/3 with the St Peters interchange connection, including a high-level bridge over Alexandra Canal.
- Terminal links – two new sections of road connecting Terminal 1 and Terminals 2/3, including a bridge over Alexandra Canal.
- Terminals 2/3 access – a new elevated viaduct and overpass connecting Terminals 2/3 with the upgraded Qantas Drive.
- Road links to provide access to Sydney Airport land:
    - A new section of road and an overpass connecting Sydney Airport's northern lands on either side of the Botany Rail line (the northern lands access)
    - A new section of road, including a signalised intersection with the Terminal 1 connection and a bridge, connecting Sydney Airport's existing and proposed freight facilities on either side of Alexandra Canal (the freight terminal access)
- An active transport link, about 3 kilometres long and located along the western side of Alexandra Canal, to maintain connections between Sydney Airport, Mascot and the Sydney central business district
- Intersection upgrades and/or modifications
- Construction of operational ancillary infrastructure including maintenance bays, new and upgraded drainage infrastructure, signage and lighting, retaining walls, noise barriers, flood mitigation basin, emplacement mounds, utility works and landscaping.

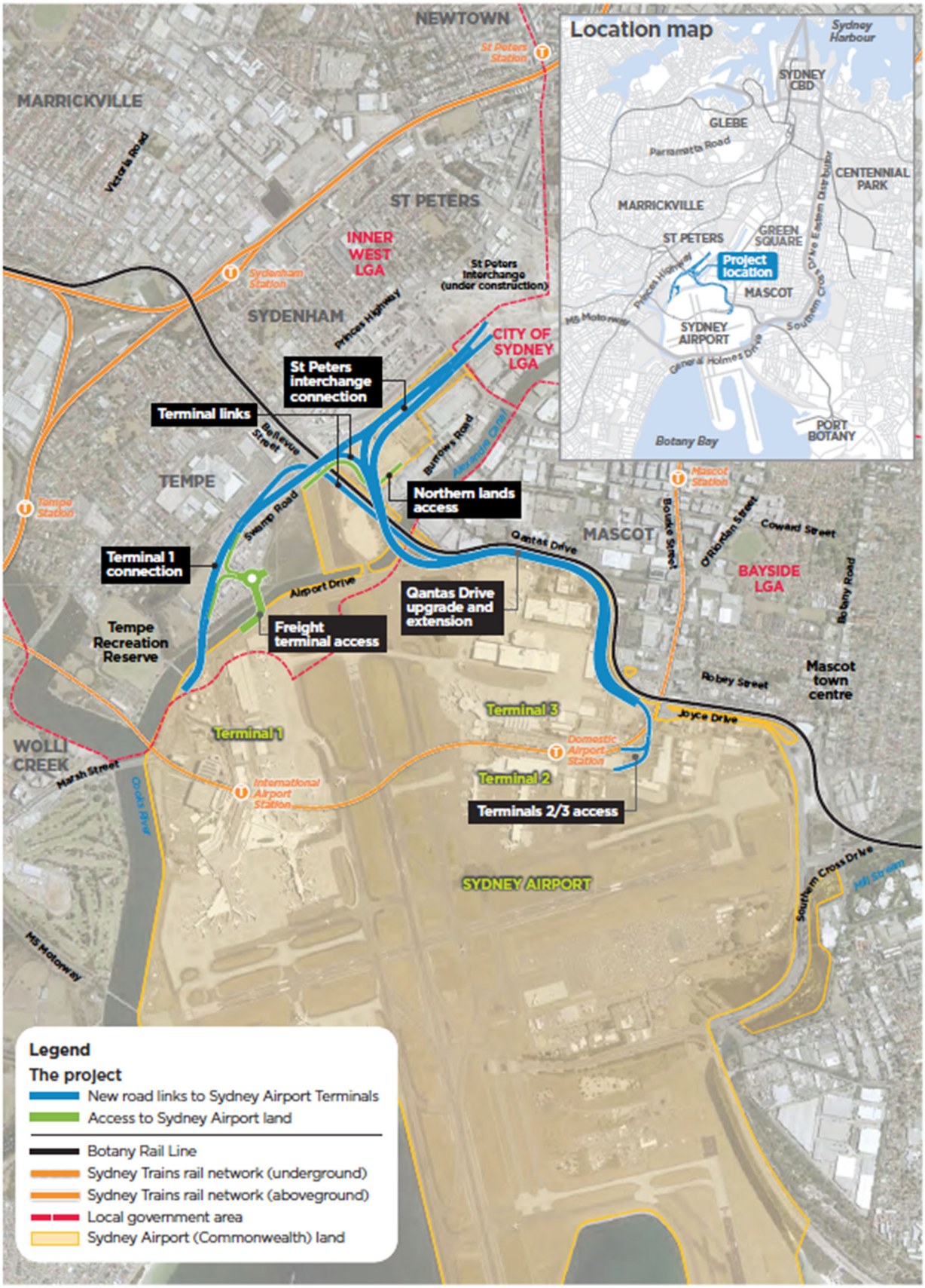

Figure 1-1: Project overview

1.3. Scope of the Plan

This TMSP has been developed for works occurring within both NSW State land under approval SSI 9737, which, is administered by the NSW Department of Planning, Industry and Environment (DPIE) as well as works occurring within Commonwealth land administered by the Department for Infrastructure, Transport and Regional Development.

1.4. Environmental management systems overview

The environmental management system overview is described in Section 1.5 of the CEMP. Used together, the CEMP, issue specific environmental management plans, strategies, procedures and environmental work method statements (EWMS) form management guides that clearly identify required environmental management actions for reference by JHSWJV personnel and contractors.

2. Purpose and objectives

2.1. Purpose

The purpose of this TMSP is to describe how construction impacts on traffic, transport and access will be avoided, minimised and managed during the construction of the Project.

2.2. Objectives

The objectives of the TMSP are to ensure that all avoidance, mitigation and management measures relevant to traffic and transport referred to in the following documents are met:

- The combined Environmental Impact Statement (EIS) / Major Development Plan (MDP) prepared for the Sydney Gateway Project – Stages 1 & 3.
- Conditions of Approval for SSI 9737 issued by the Minister for Planning and Public Spaces (NSW), on 27 August 2020.
- Updated Management Measures (UMM's) detailed in the Response to Submissions Report.
- TfNSW specifications G36, G38 and G40.
- Relevant legislation and other requirements described in Section 3.1 of this Plan.

2.3. Targets and Performance Outcomes

The following targets have been established for the management of traffic and transport impacts during the delivery of the Project:

- Ensure compliance with the relevant legislative requirements, CoAs and UMMs.
- Minimise and mitigate traffic impacts caused by JHSWJV activities, working collaboratively with other impacted parties to limit impacts of congestion on the road network, specifically:
    - Disruption to the existing road/path networks and traffic patterns to and from the airport precinct
    - Ensure the safety and amenity of road users and the public
    - Impact on traffic during peak periods
    - Impact on public transport operations,
    - Impact on existing active transport routes, and
    - Impact on the local community.

    Implement strategies required to disseminate and share information to internal staff, key stakeholders and the community.

Performance outcomes relevant to Traffic and Transport as identified in Chapter 27.4 Compilation of performance outcomes of the EIS/MDP are outlined in Table 2-1 below.

Table 2-1 Traffic and Transport Performance Outcomes

No.	Performance outcome	How addressed	Records	Programme for Monitoring
1	• Impacts on traffic and transport is minimised.	Implement this Plan, particularly the traffic management measures and processes identified in Section 5. Undertake training, inspections, auditing and recording in accordance with Section 6.	Traffic Management Plans Vehicle Management Plans Pedestrian Management Plans Weekly environmental inspection records Complaints Register	Weekly inspection/ observations
2	• Safe access to properties is maintained.	Undertake works in accordance with approved Traffic Management Plans, Traffic Control Plans and other traffic management processes as identified in Section 5.		
3	• Access to Sydney Airport is maintained.	Undertake works in accordance with approved Traffic Management Plans, Traffic Control Plans and other traffic management processes as identified in Section 5.		
4	• The Project is integrated with existing and future local and regional transport infrastructure and planning strategies.	Undertake works in accordance with approved Traffic Management Plans, Traffic Control Plans and other traffic management processes as identified in Section 5.		
5	• Motorist, pedestrian and cyclist safety is maintained or improved.	Implement the processes and mitigation measures identified in Section 5.7. Undertake training, inspections, auditing and recording in accordance with Section 6.		
6	• Safe, accessible and legible active transport links to be maintained throughout the construction period.	Undertake works in accordance with approved Traffic Management Plans, Traffic Control Plans and other traffic management processes as identified in Section 5.		

3. Environmental requirements

3.1. Relevant legislation and guidelines

3.1.1. Legislation

All legislation relevant to this TTMP is included in Section 3.2.2 of the CEMP.

3.1.2. Guidelines

The main guidelines, specifications and policy documents relevant to this Plan include:

- AS1742.3: Manual of Uniform Traffic Control Devices – Part 3: Traffic Control for Works on Roads (2019),
- Transport for NSW (TfNSW) (formerly Roads and Maritime) QA Specification G10 – Traffic Management,
- TfNSW QA Specification R141 – Pavement Markings,
- TfNSW QA Specification R142 – Raised Reflective Pavement Markers,
- TfNSW QA Specification R143 – Sign Posting,
- TfNSW Traffic Control at Worksites Manual.
- TfNSW – Safety Barrier Acceptance,
- TfNSW – VMS Guidelines,
- TfNSW – Delineation manual,
- TfNSW – Traffic Modelling Guidelines,
- TfNSW – Technical Direction (TDT 2009/07) Speed Enforcement on Worksites,
- AUSTROADS Guide to Traffic Management 2019 – Parts 1-13,
- AUSTROADS Guide to Road Design 2015 – Parts 1-8 (includes Austroads' *Guide to Road Design Part 6A: Paths for Walking and Cycling*),
- AUSTROADS Guide to Road Safety 2013 _ Parts 1-9, and
- Transport Management Centre – Road Occupancy Manual.

3.2. Ministers Conditions of Approval

The CoA relevant to this Plan are listed Table 3 1 below. A cross reference is also included to indicate where the condition is addressed in this Plan or other project management documents.

Table 3-3: Relevant Minister's Conditions of Approval

<table>
<tr><th>CoA No.</th><th>Condition Requirements</th><th>Document Reference</th></tr>
<tr><td>C5</td><td>The following CEMP Sub-plans must be prepared in consultation with the relevant agencies identified for each CEMP Sub-plan. Details of all information requested by an agency during consultation must be included in the relevant CEMP Sub-plan, including copies of all correspondence from those agencies.

<table><tr><td>Required CEMP Sub-plan</td><td>Relevant agencies to be consulted for each CEMP Subplan</td></tr><tr><td>(a) Traffic and Transport</td><td>Relevant councils</td></tr></table></td><td>This Plan
Section 3.5</td></tr>
<tr><td>C6</td><td>The CEMP Sub-plans must state how:</td><td></td></tr>
<tr><td></td><td>(a) the environmental performance outcomes identified in the documents listed in Condition A1 will be achieved;</td><td>Section 2.2</td></tr>
<tr><td></td><td>(b) the mitigation measures identified in the documents listed in Condition A1 will be implemented;</td><td>Section 7 and Section 8</td></tr>
<tr><td></td><td>(c) the relevant terms of this approval will be complied with; and</td><td>Section 3.2 and 3.3</td></tr>
<tr><td></td><td>(d) issues requiring management during construction, as identified through ongoing environmental risk analysis, will be managed.</td><td>Section 7 and Section 8 Environmental Risk Assessment Workshop (Section 3.2.1 of CEMP)</td></tr>
<tr><td>C13</td><td>Any of the CEMP Sub-plans may be submitted along with, or subsequent to, the submission of the CEMP but in any event, no later than one (1) month before construction.</td><td>Refer to Section 2.2 of the CEMP</td></tr>
<tr><td>C14</td><td>Construction must not commence until the CEMP and all CEMP Sub-plans have been approved by the Planning Secretary. The CEMP and CEMP Sub-plans, as approved by the Planning Secretary, including any minor amendments approved by the ER, must be implemented for the duration of construction. Where construction of the CSSI is staged, construction of a stage must not commence until the CEMP and Sub-plans for that stage have been approved by the Planning Secretary.</td><td>Refer to Section 2.2 of the CEMP</td></tr>
<tr><td>E52</td><td>Heavy vehicles used for spoil haulage and concrete deliveries associated with the CSSI are not permitted to use local roads within one (1) kilometre of works and construction ancillary facilities, unless approved by the Planning Secretary. This includes movements associated with waiting to access construction ancillary facilities and work areas. All local roads approved for use by the Planning Secretary must be identified in the Traffic and Transport CEMP Sub-plan.</td><td>Section 8</td></tr>
</table>

CoA No.	Condition Requirements	Document Reference
E53	All requests to the Planning Secretary for the approval of spoil haulage and concrete delivery vehicles to use local roads must include: (a) a swept path analysis; (b) demonstrate that the use of local roads will not compromise the safety of pedestrians and cyclists and have minimal amenity impacts on residents residing along the local road(s); (c) provide details as to the date of completion of the road dilapidation surveys for the subject local roads; and (d) describe the measures that will be implemented to avoid where practicable the use of local roads past schools, aged care facilities and childcare facilities during their peak times of operation.	Section 8
E54	Before any local road is used by a heavy vehicle for the purposes of construction of the CSSI, a Road Dilapidation Report must be prepared for the road. A copy of the Road Dilapidation Report must be provided to the relevant council within three weeks of completion of the survey and at least two weeks before the road is used by heavy vehicles associated with the construction of the CSSI.	Section 8
E55	If damage to roads occurs as a result of the construction of the CSSI, the Proponent must either (at the relevant road authority's discretion): (a) compensate the relevant road authority for the damage so caused; or (b) rectify the damage to restore the road to at least the condition it was in pre-construction, within three months of the subject road no longer being used in association with the construction of the CSSI, unless an alternative timeframe is agreed to by the relevant road authority.	Section 8
E56	Construction vehicles (including staff vehicles) associated with the CSSI must be managed to minimise parking, idling and queuing on public roads.	Section 8

CoA No.	Condition Requirements	Document Reference
E57	A Construction Parking and Access Strategy must be prepared to identify and mitigate impacts resulting from on- and off-street parking changes during construction. The Strategy must include, but not necessarily be limited to: (a) confirmation and timing of the removal of on- and off-street parking associated with construction; (b) parking accumulation surveys (consistent with Austroads requirements) of parking spaces to be removed to determine current demand during peak, off-peak and weekend periods; (c) consultation with relevant councils, affected stakeholders, including property occupants with driveway access, utilising existing on- and off-street parking stock which will be impacted as a result of construction; (d) assessment of the impacts of changes to on- and off-street parking stock taking into consideration outcomes of consultation with affected stakeholders; (e) identification of mitigation measures to manage impacts to stakeholders as a result of on and off-street parking changes including, but not necessarily limited to, staged removal and replacement of parking and provision of alternative parking arrangements; (f) strategies to address shortfalls in car parking spaces at individual construction ancillary facilities and disincentivising construction personnel from parking at Tempe Recreation Reserve and on the street near work sites, including managed staff parking arrangements and working with relevant council(s) to introduce parking restrictions; (g) measures to encourage workers to use alternate transport arrangements, such as public transport; (h) details of shuttle bus service(s) to transport workers to construction sites from public transport hubs and off-site car parking facilities (where these are provided) and between construction sites; (i) mechanisms for monitoring, over appropriate intervals, to determine the effectiveness of implemented mitigation measures; (j) provision of contingency measures should the results of mitigation monitoring indicate implemented measures are ineffective; and {k) provision of reporting of monitoring results to the Planning Secretary and relevant council(s) at three (3) monthly intervals. The Construction Parking and Access Strategy must be approved by the Planning Secretary prior to the commencement of any Work that impacts on-street parking. The approved Strategy must be implemented before impacting on on-street parking.	Section 8
E58	During construction, all reasonably practicable measures must be implemented to maintain pedestrian and vehicular access to, and parking in the vicinity of, businesses and affected properties. Disruptions are to be avoided, and where avoidance is not possible, minimised. Where disruption cannot be minimised, alternative pedestrian and vehicular access, and parking arrangements must be developed in consultation with affected businesses and implemented before the disruption. Adequate signage and directions to businesses must be provided before, and for the duration of, any disruption.	Section 8
E59	The CSSI (including new or modified local roads, parking, pedestrian and cycle infrastructure) must be designed to meet relevant design, engineering and safety guidelines, including the Austroads *Guide to Traffic Management.*	Section 3
E60	Independent Safety Audit(s) are to be undertaken by an appropriately qualified and experienced person during design development (audit of the plans) and prior to opening (pre-opening audit) to assess the safety performance of new or modified roads (road safety audit), parking, and pedestrian and cycle infrastructure provided as part of the CSSI (including operational ancillary facilities) to ensure that they meet the requirements of relevant design, engineering and safety guidelines, including Austroads Guide to Traffic Management. The audit findings and recommendations of the detailed design plans (audit of the plans) must be actioned prior to construction of the relevant infrastructure. The pre-opening audit findings and recommendations must be actioned prior to the relevant infrastructure being made available for use.	Section 17.3

CoA No.	Condition Requirements	Document Reference
E61	Safe pedestrian and cyclist access must be maintained around work sites during construction. In circumstances where pedestrian and cyclist access is restricted or removed due to construction activities, an alternate route which is consistent with the *Guide to Road Design Part 6A: Paths for Walking and Cycling* {Austroads, 2017) must be provided and signposted unless otherwise agreed by the Planning Secretary.	Section 8
E62	Prior to the closure of the Airport Drive active transport link (along Alexandra Canal) the Proponent must provide an alternate path within the construction footprint. This path is not required if the active transport link on the western side of Alexandra Canal is used.	Section 8

3.3. Environmental Management Measures

Table 3.2 below provides a summary for the UMMs and other requirements relevant to the development of this Plan. Majority of these requirements are presented at a high level in this Plan and detailed within the Traffic and Transport Management Plan (TTMP).

Table 3-1 UMMs and other requirements relevant to this Plan

Ref#	Requirement	Document Management
TT1	A Construction Traffic and Access Management Plan will be prepared prior to construction and implemented as part of the CEMP. The plan will detail processes and responsibilities to minimise traffic and access delays and disruptions and identify and respond to changes in road safety during construction.	This Plan
TT2	The Construction Traffic and Access Management Plan will include proposed road staging of construction works along Airport Drive, Qantas Drive and key accesses to Sydney Airport's terminals to ensure these key roads maintain satisfactory capacity and minimum levels of service.	The preliminary details around staging of construction works is included in Appendix B.
TT3	The communications strategy (measure SE3) will include a mechanism to inform the community of the dates and durations of specific phases within the project, including information about specific lane and road closures and the times of day and night when works will be carried out.	Communication Strategy Section 10
TT4	A travel demand management strategy will be prepared to provide: - A comprehensive set of travel mode options to minimise use of roads affected by construction - Communication strategies to reduce the number of people using the road network in the project study area during construction, where practicable.	Section 8

Ref#	Requirement	Document Management
TT5	Construction staging and temporary work plans will be prepared to: • Ensure access to Sydney Airport is maintained at all times during operational hours • Stage the construction works on key parts of the network, such as Qantas Drive, Airport Drive and access to Sydney Airport terminals, to enable these roads to continue to function with as minimal impact as possible • Minimise conflict with the existing road network • Maximise spatial separation between work areas and travel lanes. The proposed road staging plans and mitigation measures will be developed in consultation with the Airport Precinct Infrastructure Coordination Operations Group and the Traffic and Transport Liaison Group comprising representatives from Transport for NSW (various divisions), ARTC, the Transport Management Centre, Sydney Coordination Office, Sydney Airport Corporation, emergency services, and any contractors working in the vicinity of the airport.	Section 8
TT6	Further consideration of the construction phase road geometry and construction area operations will be undertaken with the aim of optimising road performance during construction. This will include the following considerations: • Maintain a posted speed of 50 to 60 km/h along the construction zones • Maintain three lanes in each direction at the Airport Drive and Link Road intersection • Provide three lanes into Terminals 2/3 at Sir Reginald Ansett Drive through to Keith Smith Avenue.	Section 8
TT7	Where reasonable and feasible, work areas, activities and construction access arrangements will be modified to address any traffic flow issues identified by key stakeholders, including the Sydney Coordination Office, Sydney Airport Corporation and the Transport Management Centre.	Section 8
TT8	A mechanism will be provided for the community to report incidents and delays, such as a project phone number. The contact mechanism will be communicated in accordance with the project's communication strategy (measure SE3).	Section 10 Communication Strategy
TT9	Further traffic management in the vicinity of the Qantas Drive/Seventh Street/Robey Street intersection will be planned and undertaken with consideration of the following potential re-routing options: • Divert westbound traffic from General Holmes Drive (via Joyce Drive) onto Robey Street (via the new Wentworth Avenue link provided by the Airport East Upgrade project) and Botany Road instead of using the right turn from Qantas Drive to Robey Street • Consolidate and support the function of the left turn from Qantas Drive onto Robey Street and traffic out of Seventh Street through the re-allocation of signal green time taken away from the diverted or banned right turn movement (from Qantas Drive to Robey Street) during peak periods or potentially ban the right turn movement in the peak periods • Introduce an additional left turn lane into Robey Street from Qantas Drive to improve traffic flows based on traffic modelling analyses.	Section 7 and 8
TT10	Access to Sydney Airport will be maintained at all times during the airport's operational hours. Any temporary changes in access arrangements will be developed, communicated and implemented in consultation with Sydney Airport Corporation.	Section 7 and 8
TT11	Access to properties, including residences, businesses and community infrastructure, will be maintained. Where disruption to access cannot be avoided, consultation will be undertaken with the owners and occupants of affected properties, to confirm their access requirements and to determine alternative arrangements.	Section 8
TT12	Safe pedestrian and cyclist access will be maintained around or through work areas. Where disruption to access cannot be avoided, alternative routes that comply with relevant accessibility standards and guidelines will be provided, signposted and communicated.	Section 8

Ref#	Requirement	Document Management
TT13	A worker parking strategy will be developed to identify measures to minimise worker parking on local streets. Measures to be implemented during construction will include provision of designated parking areas within the project site, encourage use of public transport and implement shuttle bus arrangements.	Section 8
TT14	Where required, changes to existing bus stops and/or changes to bus service patterns will be undertaken in accordance with the following requirements: • Changes will be designed and implemented in consultation with Transport for NSW and bus operators • The community will be informed in advance of changes.	Section 8
TT15	Construction haulage vehicles will be managed to: • Adhere to the nominated haulage routes identified in the Construction Traffic and Access Management Plan and posted speed limits • Minimise idling and queuing on public roads • Minimise movement of vehicles during peak periods.	Site Specific Traffic Management Plans (SSTMPs)
TT16	The potential for cumulative construction traffic impacts will be reviewed and coordinated with other projects, in consultation with the Airport Precinct Infrastructure Coordination Operations Group and the Traffic and Transport Liaison Group. The review will include: • Considering other projects with the potential to affect access and capacity, particularly in the vicinity of Terminals 2/3 • Detailed reviews of programs for traffic staging, lane and road closures for all projects • Coordinating works and identifying efficient re-routing options during periods of road and lane closures.	Section 8
SE6	Access to community facilities and infrastructure will be maintained during construction. Where alternative access arrangements need to be made, these will be developed in consultation with relevant service providers and communicated to users. Any changes to access arrangements will be managed in accordance with the Construction Traffic and Access Management Plan.	Section 8

3.4. Consultation

This TMSP has been provided to relevant Councils including City of Sydney, Inner West Council and Bayside Council in accordance with CoA C5 (a). Refer to Section 2 and Section 3 of the CEMP for consultation requirements relating to the CEMP and all Sub-plans.

Comments received from consultation have been incorporated in this Plan and evidence of consultation has been provided to the ER and DPIE.

4. Management and organisation

JHSW will provide a management representative (Traffic Representative) who has authority and responsibility for issues relating to traffic management, including liaison with:

- The Customer Journey Management (CJM),
- The Customer Journey Planning (CJP), and
- Relevant Stakeholders.

The Traffic Manager will be allocated to the traffic management task on a full-time basis and shall attend all CJP traffic management meetings.

For the duration of the works, JHSW must manage the road network and traffic systems affected by the works, within the overall constraints, control and responsibilities that TfNSW and Sydney Airport have for the operational management of the Sydney road network and traffic systems.

4.1. Organisation structure

The functional organisational chart for the Project is outlined in Requirement 3.8 A – 01 Project Management Plan and will be updated, when, personnel changes occur.

Our proposed traffic management organisational structure is shown in Figure 4-1.

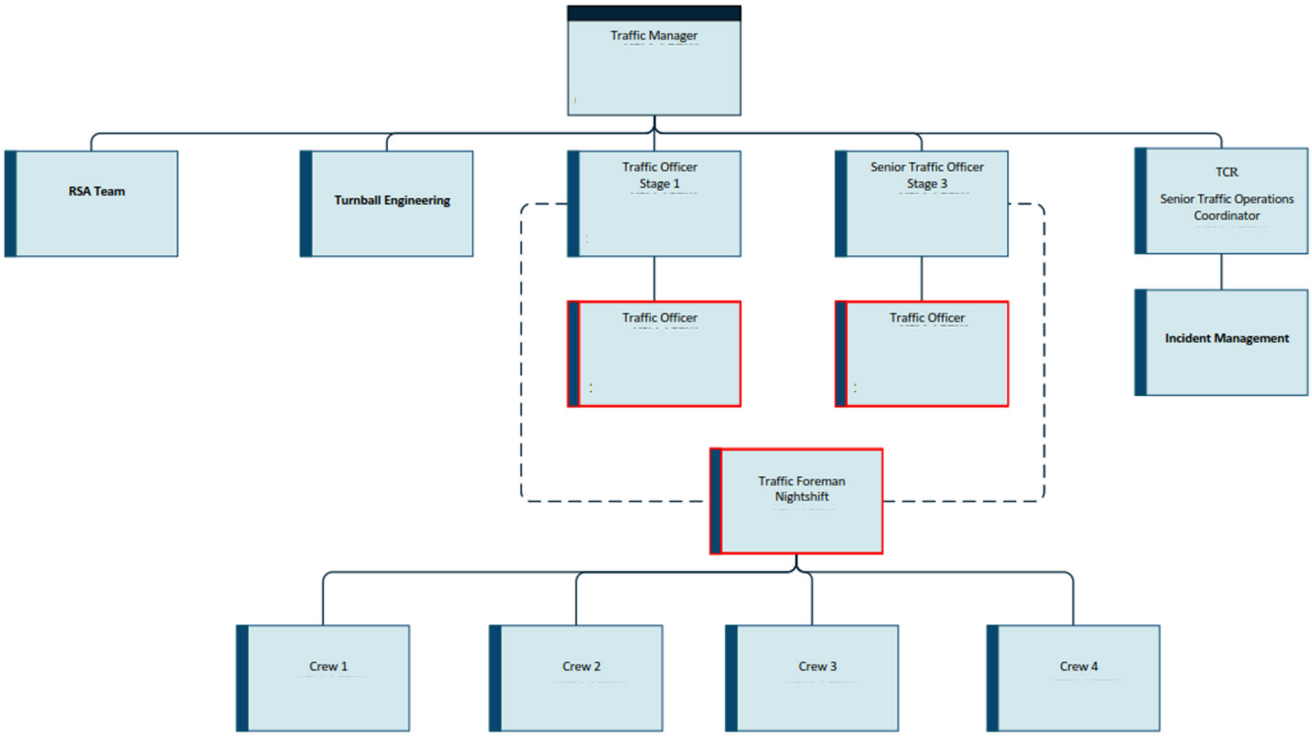

Figure 4-1: Traffic management organisational structure

4.2. Roles and responsibilities

The Project Director has authority to deliver all aspects of this Project. JHSW may engage the services of specialised staff and subcontractors in carrying traffic duties, while always retaining control of the design and construction processes.

JHSW will have a traffic management team that coordinates traffic management as a collective strategy across Stages 1 and 3 through joint resources, such as the Traffic Control Room (TCR). This facility will be a central hub from which in-house traffic crews and incident response capabilities will drive positive strategic outcomes for the Project. The Traffic Manager will hold a senior role within the team to contribute to overall planning strategies until Project completion.

During construction, the traffic management team will be responsible for reviewing and updating this plan.

The following roles have specific responsibilities in traffic management for the Project.

4.2.1. Construction Director

- Report to the Project Director as part of the PMT
- Accountable for the overall construction of the Project
- Oversee Construction Managers and ensure work is prioritised to ensure safety of all road users, the community and construction personnel.

4.2.2. Construction Managers

- Report to the Construction Director
- Accountable for the overall construction of their disciplines
- Oversee Project teams and ensure work is prioritised to ensure safety of all road users, the community and construction personnel.

4.2.3. Traffic Manager

- Report to Construction Director
- Authorised traffic representative for the project under the D&C Deed and SWTC.
- Contactable anytime (or delegate) in the event of a critical incident
- Report to Construction Director
- Lead the traffic management team
- Implement the TMSPs and TTMPs and ensures they are followed
- Oversee the TCR
- Oversee the development of SSTMPs
- Ensure inspections and risk assessments are completed
- Review TMPs, Traffic Guidance Schemes (TGSs) and ROLs prior to submission to stakeholders
- Ensure subcontractors meet the requirements of the TMSPs and TTMPs
- Define the requirements for traffic management and ensures that they are satisfied through spot checks and audits.

4.2.4. Traffic Stage Lead

- Report to the Traffic Manager
- Manages Site engineers (traffic)
- Oversees the SSTMP, TGS and ROL submissions
- Ensures all reporting and processes are implemented and operational and maintained appropriately
- Conduct inspections.

4.2.5. Traffic Officer

- Develop SSTMP, TGS and ROL submissions
- Ensure long-term layouts are implemented in accordance with TMPs, TGSs and ROLs, and are safe and maintained appropriately
- Conduct inspections.

4.2.6. Traffic Supervisor

- Report to Traffic Officers
- Interface with the TCR
- Ensure TMPs, TGSs and ROLs are implemented onsite
- Ensure Traffic Controllers have the necessary competencies to perform their tasks
- Conduct safety checks and inspections to ensure the road is maintained in accordance with TMPs.

4.2.7. Traffic Controllers

- Ensure that installation and removal of traffic control measures are undertaken in accordance with approved TMPs, Safe Work Method Statements (SWMSs) and TGSs.

5. Existing Environment

The existing traffic and transport environment has been summarised in Chapter 9 of the EIS/MDP and Technical Working Paper 1. This is summarised as follows:

- O'Riordan Street/Robey Street and Botany Road provide access to/from Terminals 2/3 and combined with Princes Highway are the primary north-south roads through the Project area.
- Marsh Street/Airport Drive/Qantas Drive/Joyce Drive, M5 East Motorway, M1 General Holmes Drive and M1 Southern Cross Drive combine to provide ring roads around Sydney Airport and also provide access to/from the Sydney Airport terminals.
- Canal Road/Ricketty Street/Kent Street/Gardeners Road is a primary east-west traffic route connecting to Princes Highway in the west and M1 Southern Cross Drive in the east and generally providing access to the local areas of Mascot, Alexandria, Rosebery and Eastlakes.
- Sydney Airport has key access points as follows: ─ Terminal 1 is accessed via ramps to/from Marsh Street (connecting with Princes Highway) and from the east via Airport Drive ─ Terminals 2/3 are accessed via Qantas Drive, O'Riordan Street, Robey Street and from General Holmes Drive (off Southern Cross Drive).
- The road network is such that traffic serving the airport must interact with local and through traffic on several north-south and east-west roads. This is evident on O'Riordan Street between Gardeners Road and Qantas Drive/Joyce Drive. The M5 East and M1/General Holmes Drive also experience similar interaction between commuter through traffic, traffic accessing the Airport and freight traffic accessing Port Botany.
- Existing travel patterns show eastbound and northbound traffic movements are higher in the AM peak period, while westbound and southbound traffic movements are generally higher in the PM peak period.
- The road network is currently more congested in the AM peak than the PM peak, with poor performance evident at intersections in the AM peak.
- Strategic road and rail connections serve as freight routes to/from Sydney Airport and Port Botany including the M5 East Motorway, Foreshore Drive connecting with General Holmes Drive and the Botany rail line which links Port Botany with Western Sydney and regional NSW.
- The project is located near several passenger heavy rail lines (the T8 Airport and South line and the T4 Eastern Suburbs and Illawarra Line) providing access to Greater Sydney, the Sydney CBD and the South Coast.
- The project area is served by several bus routes which cover the Inner West and Eastern regions. Bus services also serve Princes Highway, Mascot Station precinct and the Mascot town centre on Botany Road providing access to the Sydney CBD.
- The Alexandra Canal cycleway, Cooks River shared path and the Bourke Street Cycleway are the three key cycle corridors in the Project area.

6. Construction Impacts

6.1. Road network changes and traffic volumes

6.1.1. Road network

The Project can be constructed without substantial reconfiguration of the existing road network. However, there will be substantial works along Airport Drive, Qantas Drive and Sir Reginald Ansett Drive to facilitate connection of the new road links.

Two lanes will generally be maintained in each direction along Qantas Drive and Airport Drive during the operating hours of the Sydney Airport terminals when traffic volumes are highest. However, there will be a period during the day when a reduction in the number of available lanes will be required to facilitate construction, with a longer period overnight for more substantive works occupying multiple lanes.

Prolonged acceleration and turning lane reductions will occur at Airport Drive near Terminal 1 and at the Qantas Drive/Sir Reginald Ansett Drive and Seventh Street intersections.

In addition, short-term lane and carriageway closures will also be required to facilitate:

- Establishing site access points, particularly where access and egress lanes are required
- Lifting bridge segments where a crane needs to be set up in traffic lanes
- Connecting new roads to existing roads
- Widening the Qantas Drive east and westbound carriageways
- Constructing new lanes along Qantas Drive as part of the Qantas Drive upgrade and extension
- Modifying the Lancastrian Road/Qantas Drive intersection
- Traffic diversions to maintain capacity along Qantas Drive, and
- Lifting of viaduct bridge beams or segments.

Major crane lifts will occasionally require full weekend closures, with detours established to maintain access to Sydney Airport's terminals and Port Botany.

Swamp Road will be permanently closed, and access to properties in this area (including the northern lands and those to be acquired as part of the Project) would be via the northern lands access and the freight terminal access. A cul-de-sac will be installed at the southern end of Bellevue Street to the north of the Project site.

6.1.2. Traffic volumes

Based on the indicative haulage routes and estimated construction vehicle volumes outlined in section 9 of the EIS, and chapter 3 of the response to submission report, the largest increases in vehicle volumes are expected along Canal Road, particularly at its western extent near the Princes Highway, and on Qantas Drive and Airport Drive.

Traffic volumes on Canal Road could increase by up to 16% in the morning peak, and 29% in the afternoon peak, in the westbound direction. Traffic volumes on Qantas Drive and Airport Drive could increase by up to 20% in the eastbound direction in the afternoon peak. These increases are considered to be manageable given the capacity of these roads and existing traffic volumes.

Holbeach Avenue will be used by workers to access ancillary facility C3, resulting in an additional 250 vehicles using this route during the morning and afternoon peak periods. Ancillary facility details are further outlined below. Holbeach Avenue will be temporarily used by heavy vehicles during the Dog Park establishment and will be light vehicle access only once this scope is complete. The additional construction vehicles will generally be travelling in the opposite direction to other local traffic in the area. The additional vehicle volumes are therefore expected to be manageable.

Most of the existing properties and traffic movements that currently use Bellevue Street would be removed as a result of the Project, offsetting most of the traffic expected to be generated by construction.

Construction traffic will include heavy and light vehicles associated with material and equipment deliveries, and the arrival and departure of the construction workforce. Table 6-1 provides estimated vehicle volumes based on EIS forecasts for each work area during the morning and afternoon peaks, excluding earthworks movements. Vehicle movements will be via the haulage routes described in Section 11.

Table 6-1: Indicative construction traffic volumes

Work area	Access points	Morning peak vehicle volumes (vehicles per hour)		Afternoon peak vehicle volumes (vehicles per hour)	
		Light	Heavy	Light	Heavy
St Peters Interchange connection, including compound C1	**A1**	0	20	330	20
	A2	10	10	10	10
	A3	330	20	0	20
Eastern bridges, including compound C2	**A4, A5, A6 and A7**	330	20	330	20
Terminal 1 connection and western bridges, including compound C3	**A7**	10	20	10	20
	A8	100	0	100	0
Qantas Drive, including compound C4	**A9 for access to compound**	50	20	50	20
Terminals 2/3 access, including compound C5	**A10**	100	20	100	20
Airport Drive	**A11**	10	10	10	10
	A12	10	10	10	10
Qantas Drive	**A13**	30	20	30	15

6.1.3. Traffic generation from other major infrastructure

The key projects relevant to the assessment of cumulative impacts include the Botany Rail Duplication, the M4-M5 Link and the F6 Extension.

Construction traffic volumes from the above projects are summarised in section 8.7.1 of Technical Working Paper 1 (EIS). These volumes represent less than three per cent of existing traffic volumes on the road network. This increase is unlikely to affect traffic network performance as it is likely within the range of daily variations currently experienced on the relevant roads. Given the minor contribution to existing traffic volumes, no significant cumulative impacts on traffic network performance are anticipated. Additionally, with the exception of the Botany Rail Duplication, construction traffic from other projects is unlikely to be remote from the impact the road network around the Project site.

The TTLG will evolve to include surround projects to distribute relevant cumulative impact information to allow road authorities to determine the priority listing of works.

7. Traffic management and safety strategy

JHSW recognises and accepts the 'Duty of Care' imposed under Section 1.5 of AS 1742 Manual of Uniform Traffic Control Devices, Part 3. The extract from this document is below:

"Organisations and individuals responsible for works in accordance with this Standard need to be cognizant of their responsibilities for any injury to road users or damage to property as a result of such operations.

Steps should be taken to warn the public of prevailing conditions and to guard, delineate, and, where necessary, illuminate work which may pose a hazard to road users. Care should also be taken to avoid, wherever possible, long delays or detours which may cause unnecessary inconvenience to road users".

JHSW's overarching traffic management approach is to plan activities to minimise:

- Disruption to the existing road/path networks and traffic patterns
- Impact on traffic during peak periods
- Impact on public transport operations
- Impact on the local community.

Accordingly, JHSW's strategy for traffic management and safety includes:

- Designing to minimise interaction with road users
- Maintaining existing capacity, where feasible
- Minimising road and path closures or managing access through, where safe to do so
- Coordinating ROLs including maintenance activities
- Providing sufficient resources to allow clearing of minor incidents within the timeframes stipulated in SWTC, Appendix C.5
- Minimising the amount of temporary works
- Undertaking detailed site investigations before occupying the roadway.

Road network functionality and the current capacity of the arterial roads within the Project boundaries will be maintained in accordance with the SWTC specifications during the construction works.

JHSW will optimise road capacity in all traffic staging designs. In cases where the existing road capacity cannot be maintained in an arterial road, JHSW will discuss with TfNSW the anticipated risks involved and proposed measures to mitigate road capacity issue. The consultation process will then involve the TCG for feedback on the revised approach. The Independent Verifier's comments will be sought prior to finalising the agreed measures, subject to final approval from TfNSW and the CJP.

JHSW will ensure that:

- Road user delays are minimised during construction of the Project
- Throughout the detailed design process, due consideration is given to minimising road user delays during construction staging and operation
- Construction methodologies and traffic staging plans are developed to ensure the capacity of the roadway is maximised, and that existing capacity is not diminished where possible
- Traffic control devices and roadside furniture are designed to ensure that future maintenance activities minimise potential road occupancy and road user delays.

The table below lists the minimum requirements to be maintained during the construction process to minimise the impact of works on the network. In accordance with the requirements of UMM TT2, the below minimum requirements ensure that the travel demand within the Project area is maintained.

Table 7-1: Minimum traffic management requirements (Source: Volume 4A Appendix C.5 Attachment C.5-3)

Road	Minimum requirement
All temporary design	Shoulders at 60km/h - 0.5m Where possible, 0.5m painted median with semi-permanent dividers for traffic separation All medians with traffic signals as per Austroads Guide to Road Design (AGRD) minimum design requirements where practicable.
Airport Drive and Qantas Drive	A minimum of two through lanes of 3.2m width and posted speed of 60km/hr, eastbound and westbound, must be operational all times. Closures of one or more lanes to be dependent on assessment of the time of day and duration of closure.
Intersection of Link Road with Airport Drive	All existing movements (three lanes stand up, east and west bound) must be maintained until traffic is diverted from the existing Airport Drive to the new International Terminal Connection.
Nigel Love bridge intersection with Airport Drive	At Nigel Love bridge intersection, all existing Airport Drive movements and lane configurations must be maintained until traffic is diverted from the existing Airport Drive to the new International Terminal Connection. The Nigel Love bridge must maintain a minimum of one northbound lane and two southbound lanes at all times.
Lancastrian Road	All existing intersection movements must be retained until the period immediately prior to activating the new Terminal 1 to Terminals 2/3 Connection.
Sir Reginald Ansett Drive	A minimum of three operational lanes must be maintained, from Qantas Drive to the limit of works at Sir Reginald Ansett Drive, during the morning and evening peak periods.
Qantas Drive (between O'Riordan Street and Robey Street)	The two right-hand turn lanes (eastbound and westbound) into Sir Reginald Ansett Drive and Robey Street respectively, must be operational unless the impact of reducing one of the lanes can be demonstrated as acceptable for the planned occupancy period.
	Two through lanes of minimum 3.2m width and of posted speed of 60km/hr to be retained, eastbound and westbound, at all times Closures of one or more lanes to be dependent on assessment of the time of day and duration of closure.

This will be achieved through the following document structure for the Project which has been designed to cascade based on impact:

7.1. Traffic Management and Safety Plan

The TMSP (this Plan) outlines the guiding principles for traffic management and acts as an overarching document for traffic management on the Project. This Plan is required by SWTC C.1 of the Sydney Gateway Deed and also by DPIE in accordance with CoAs C5 and C6 of the Project Planning Approval.

7.2. Design and development of Traffic Management Plans

Figure 7-1 defines the document structure for the development of the JHSWJV's traffic management strategies for the Project.

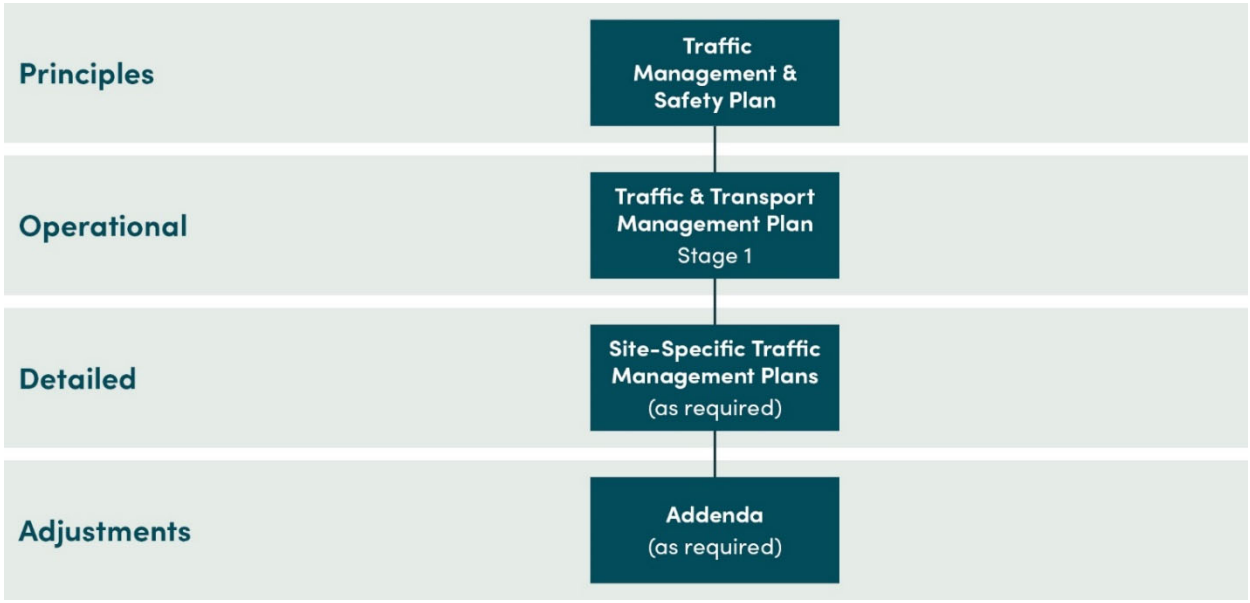

Figure 7-1: Traffic management document scheme

7.3. Traffic and Transport Management Plan

The TTMP sets out the operational approach and high-level proposed staging for delivery of the works.

7.4. Site-Specific Traffic Management Plans

SSTMPs are broken into two categories: traffic stages and major events that have significant impact on the network e.g. closures. Proposed traffic stages are identified in the TTMP.

An example of a major event may be the closure of Canal Road or Qantas Drive to accommodate cranage for bridge span installation and will require detailed planning for the event.

SSTMPs will ensure that we liaise with relevant projects where interfaces occur. Interaction will occur through involvement in the Traffic Control Group (TCG) and Traffic and Transport Liaison Group (TTLG) forums. Any expected traffic flow performance during proposed traffic changes will be undertaken through intersection, corridor and network analysis as requested by TfNSW or CJP.

A forecast of all SSTMPs is included in the TTMP. SSTMPs will be developed in accordance with design specifications.

7.5. Addenda

Addenda are minor adjustments within a specific stage and may include the adjustment to barriers or reduction of barrier length. These are usually signed of at Project level with endorsement from CJP.

8. Mitigation and Management Measures

A range of environmental requirements and control measures are identified in the various environmental documents, including the EIS/MDP, Submissions Report, Conditions of Approval and other TfNSW documents. Specific management measures to address the requirements and impacts on traffic and transport are outlined in Section 6 below. Sections 8 to 14 detail other specific traffic and transport management requirements which are not necessarily linked to the various environmental documents.

8.1. Use of Local Roads

In accordance with CoA E52, spoil haulage and concrete delivery vehicles associated with the construction of the Project, are not permitted to use local roads within 1km of the construction works and construction ancillary facilities, unless approved by the Secretary in accordance with CoA E52. A request for approval was submitted to DPIE which was subsequently approved on 13 April 2021. JHSWJV will avoid the use of local roads wherever practicable for spoil movements as well as for concrete deliveries associated with the Project construction activities.

The local roads proposed to be used for spoil and concrete delivery during construction are presented in Table 8-1. Standard mitigation strategies and the approach that will be implemented prior to the use of local roads in accordance with CoAE53 are listed in Table 8-2.

Table 8-1: Proposed Local Roads

No.	Location	From	To	Summary
1	Burrows Road	Canal Road	End of cul de sac (access to Visy building)	Required for access to compound C1 using access point A3. on Burrows Road. Expected HV numbers using Burrows Road to access gate A3 will be consistent with volumes outlined in Table 4-1.
2	Bellevue Street	Princes Highway	Swamp Road	Required for access to compound C2 and C3 using access point A7 and A6 on the southern end of Bellevue Street. Expected HV numbers using Bellevue Street to access gate A7 and A6 will be consistent with volumes outlined in Table 4-1.
3	Holbeach Avenue	Princes Highway	Tempe Reserve Carpark	Required for access to compound C3 using access point A8 to/ from Princes Highway. Expected HV numbers using Holbeach Avenue to access the Dog Park during establishment phase will be consistent with traffic volumes identified in Table 4-1.

Note: A local road is defined for the Project as any road that is not defined as a classified road under the *Roads Act 1993*.

Table 8-2: Standard mitigation strategies / approach for local road usage

Condition of Approval E53 requirement where local roads are intended to be used for spoil haulage and concrete delivery.	Mitigation strategies / approach
(a) a swept path analysis;	• Swept path analysis will be submitted with local road usage requests, where required.
(b) demonstrate that the use of local roads will not compromise the safety of pedestrians and cyclists and have minimal amenity	• An approved Traffic and Transport Management Plan will be in place prior to the use of site access points for construction • Signage advising of construction traffic conditions will be implemented in accordance with a Traffic Control Plan

Condition of Approval E53 requirement where local roads are intended to be used for spoil haulage and concrete delivery.	Mitigation strategies / approach
impacts on residents residing along the local road(s);	• Signage advising of altered traffic conditions will be implemented in accordance with a Traffic Control Plan • Heavy vehicles will be subject to the existing speed limits and road rules. • Amenity impacts are minimised as pedestrian and public vehicle access is maintained. • Where required, authorised traffic controllers will be placed at the site access points. Authorised traffic controllers are not to stop traffic on the road to allow trucks to enter and leave the site. They must wait until a suitable gap in traffic allows them to assist trucks to exit the site. Motorists already on the road have right-of-way • Heavy vehicles will minimise idling and queuing on public roads. • Minimise movement of vehicles during peak periods.
(c) provide details as to the date of completion of the road dilapidation surveys for the subject local roads; and	• Road dilapidation surveys will be undertaken prior to commencement of use of the road by heavy vehicles for the Project, in accordance with CoA E54.
(d) describe the measures that will be implemented to avoid where practicable the use of local roads past schools, aged care facilities and childcare facilities during their peak times of operation.	• Where practical the use of local roads past schools, aged care facilities and childcare facilities will be avoided during their peak times of operation.

JHSWJV will implement management strategies as part of the approval of site specific TMPs to avoid or mitigate identified impacts on the local roads identified in Table 6-1 including:

- At all times, maintaining safe and suitable access for vehicles and pedestrians to adjoining properties and side roads affected by the road construction
- Not commence any work affecting access to adjoining properties and use of side roads without providing an adequate alternative access
- Responsible consultation with the owners and/or occupiers of affected properties and businesses, including notification prior to commencing the construction of property accesses
- Implement additional fencing, signposting (including Variable Message Signs (VMS) where appropriate), provide alternate access arrangements for any visitors, customers and delivery vehicles to adjoining property occupiers and communicate these changes effectively, and;
- Heavy vehicle use will be minimised during school drop off and pick up times.

A traffic and pedestrian impact assessment has been included in the below sections to address the requirements of CoA E52 and E53 where local roads are intended to be used for spoil haulage and concrete delivery.

8.1.1. Burrows Road between Canal Road and end of cul de sac (access to Visy building)

Table 8-3: Burrows Road traffic and pedestrian impact assessment

Condition of Approval E53 requirement where local roads are intended to be used for spoil haulage and concrete delivery.	Mitigation strategies / approach
(a) a swept path analysis;	• Swept paths for 19m semi-trailer plus Truck and Dog provided in Appendix A
(b) demonstrate that the use of local roads will not compromise the safety of pedestrians and cyclists and have minimal amenity impacts on residents residing along the local road(s);	• Burrows Road between Canal Road and access to Visy building is a local road managed by Inner West Council The area around the subject road is industrial and Burrows Road is used by heavy vehicles to access the main arterial roads in the area. Parking is typically

Condition of Approval E53 requirement where local roads are intended to be used for spoil haulage and concrete delivery.	Mitigation strategies / approach
	unrestricted along Burrows Road, with a section of 1P parking and No Stopping signposted on approach to the intersection. • Construction vehicles using this section of Burrows Road will not adversely impact the road conditions for pedestrian and/ or cyclists as the road is already being used by a high volume of industrial traffic. • Construction vehicles will minimise idling, queuing on public roads and movement during peak periods.
(c) provide details as to the date of completion of the road dilapidation surveys for the subject local roads; and	• Dilapidation survey for all local roads have been completed prior to commencement of construction activities in the area.
(d) describe the measures that will be implemented to avoid where practicable the use of local roads past schools, aged care facilities and childcare facilities during their peak times of operation.	• No schools, aged care facilities and childcare facilities will be impacted by the Project by using this section of Burrows Road.

8.1.2. Bellevue Street between Princes Highway and Swamp Road

Table 8-4: Bellevue Street traffic and pedestrian impact assessment

Condition of Approval E53 requirement where local roads are intended to be used for spoil haulage and concrete delivery.	Mitigation strategies / approach
(a) a swept path analysis;	• Swept paths for 19m semi-trailer plus Truck and Dog provided in Appendix A
(b) demonstrate that the use of local roads will not compromise the safety of pedestrians and cyclists and have minimal amenity impacts on residents residing along the local road(s);	• The subject road services a predominately industrial area and is frequently used by heavy haulage trucks to access multiple industrial facilities along the road. • The existing pedestrian footpath on the northern side terminates 80m east of the intersection and services the properties on this side of the road. There will be no impact on the footpaths or amenities for residents on Bellevue Street as a result of the Project's works in the area. • Construction vehicles will minimise idling, queuing on public roads and movement during peak periods.
(c) provide details as to the date of completion of the road dilapidation surveys for the subject local roads; and	• Dilapidation survey have been completed prior to commencement of construction activities in the area.

(d) describe the measures that will be implemented to avoid where practicable the use of local roads past schools, aged care facilities and childcare facilities during their peak times of operation.	• No schools, aged care facilities and childcare facilities will be impacted by the Project by using Bellevue Street between Princes Highway and Swamp Road.
	• Notwithstanding, measures proposed for this local road includes:
	  ○ Driver training and awareness campaign during pre-starts, Project inductions, truck aware campaigns.
	  ○ Project inducted heavy vehicles will be fitted with telematic devices.
	  ○ Community engagement including meetings, notifications and consultation.
	  ○ Construction vehicles will minimise idling, queuing on public roads and movement during peak periods.

8.1.3. Holbeach Avenue between Princes Highway and Tempe Reserve

Table 8-5: Holbeach Avenue traffic and pedestrian impact assessment

Condition of Approval E53 requirement where local roads are intended to be used for spoil haulage and concrete delivery.	Mitigation strategies / approach
(a) a swept path analysis;	• Swept paths for 19m semi-trailer plus Truck and Dog provided in Appendix A
(b) demonstrate that the use of local roads will not compromise the safety of pedestrians and cyclists and have minimal amenity impacts on residents residing along the local road(s);	• Holbeach Avenue is a local road connecting Princes Highway with Tempe Recreation Reserve. Additional construction traffic generated as a result of the Project will not impact the cyclist and pedestrian facilities or the amenities in the area as this road will only be used to access construction compound C3. • Construction vehicles will minimise idling, queuing on public roads and movement during peak periods. • Holbeach Avenue will be temporarily used by heavy vehicles during the Dog Park establishment and will be light vehicle access only once this scope is complete.
(c) provide details as to the date of completion of the road dilapidation surveys for the subject local roads; and	• Dilapidation survey to be completed prior commencement of construction activities in the area.

(d) describe the measures that will be implemented to avoid where practicable the use of local roads past schools, aged care facilities and childcare facilities during their peak times of operation.	• Whilst Holbeach Avenue does not run past aged care facilities nor an identified school, it does travel past a childcare centre. The childcare centre has advised the community team that the peak time of operation are between 7:30am-9am and 4:30pm-6pm.
	• The childcare centre has no play areas facing Holbeach Avenue and contains 19 off-street parking spaces along with protective fencing at the entry stairs. Combined with off-street pedestrian and cyclist facilities, the route is not expected to interfere with its existing operations.
	• The proposed heavy vehicle route is used to support the construction of the temporary off-leash dog exercise facility which will generate overall low vehicle movements (up to one spoil and/or concrete truck per hour in the peak periods).
	• Notwithstanding, the Project has identified the need for the following measures:
	  ○ Driver training and awareness campaign during pre-starts, Project inductions, truck aware campaigns.
	  ○ Project inducted heavy vehicles will be fitted with telematic devices.
	  ○ One-on-one meetings with the childcare centre in advance of works commencing including overview of works, vehicle movements and expected timeframe. Postcards to be provided to parents of the centre on expected traffic movements.
	  ○ Installation of decals onto the footpath in proximity to the childcare centre and at the pedestrian refuge to raise awareness of heavy vehicles.
	  ○ Wider program of community engagement including notifications and consultation with businesses along Holbeach Avenue.
	  ○ Construction vehicles will minimise idling, queuing on public roads and movement during peak periods.

Condition of Approval E53 requirement where local roads are intended to be used for spoil haulage and concrete delivery.	Mitigation strategies / approach
	○ As quantities are expected to be low, concrete deliveries and spoil haulage will be programmed outside peak times. • Note: No heavy vehicle movements will be allowed on Holbeach Avenue during the childcare centre peak times (7:30 to 9 am and 4:30 to 6 pm). • Holbeach Avenue can only to be used for heavy vehicles up until 1 August 2021.

In addition, and in accordance with CoA 56, in order to minimise parking, idling and queuing of trucks on public roads, marshalling areas are being identified. This will be detailed under a global VMP which is still to be developed.

8.2. Road Dilapidation Surveys

In accordance with CoA E54, before any local road is used by a heavy vehicle for the purposes of construction of the Project, a Road Dilapidation Report will be prepared for the road covering the road network outlined in Appendix C. A copy of the Road Dilapidation Report will be provided to the relevant council before the road is used by heavy vehicles associated with the Project. The pre-condition reports will include a written survey, photos and/or video of each road.

Additionally, in accordance with CoA E55, if damage to roads occurs as a result of the construction works, JHSWJV will either (at the relevant road authority's discretion) compensate the relevant road authority for the damage so caused; or rectify the damage to pre-existing as required under SWTC Appendix C6.

8.3. Parking Management

In accordance with CoA E57 a Construction Parking and Access Strategy would be approved by the Planning Secretary prior to the commencement of any work that impacts on-street parking. The proposed construction planning and staging doesn't impact any on-street parking. Should this change through construction the strategy would be prepared, provided to the Planning Secretary and approved prior to impacting on any on-street parking.

The location of the Project will allow the personnel to take advantage of good public transport options. JHSWJV intends to encourage personnel associated with the Project to use active, public transport and carpooling in order to reduce the number of private vehicles travelling to and from the Project.

On and Off-street parking is also available as detailed further in this section and would be utilised by the Project team as required. JHSWJV will conduct a series of surveys to find out worker's travel habits early on in construction. These surveys will allow JHSWJV to assess the Projects parking requirements and the demand for additional strategies to minimise potential impacts of worker parking, such as the use of a shuttle bus service.

8.3.1. Main Project Office

The main Project Office is located at Mascot on 10 Bourke Road and is well connected to public transport via State Transit Authority Buses and the train network at Mascot Station. The office has parking for visitors and senior staff; approximately 140 spaces will be made available for the Project, with approximately 30 of these spaces allocated to Transport for NSW and Independent Verifier staff.

8.3.2. Construction Compounds

Table 8-6: Indicative Parking Availability at each construction compound

Construction compound	Indicative onsite parks available through construction
C1 - Northern Lands Burrows Road, Mascot	200
C2 - Northern Lands Car Park Airport Drive, Mascot	250
C3 - Former Tempe Tip site Swamp Road, Tempe	200
C4 - Building 167,171 sites Qantas Drive	150
C5 - Ninth Street	65

Additional nearby commercial parking space may be utilised pending agreement with relevant owner/occupier and will be investigated should proposed supply be insufficient.

8.3.3. Off-street parking

The following off-street parking areas are located within and adjacent to the Project site:

- The Sydney Airport northern lands car park located on the western side of Alexandra Canal, which is accessed from Airport Drive via the Nigel Love bridge, and is used by Sydney Airport employees at times of peak demand
- A car parking area east of Terminals 2/3, located south of AMG Sydney and accessed off Ninth Street
- Two car parking areas east of Terminals 2/3, accessed off Ross Smith Avenue and Sir Reginald Ansett Drive respectively, which are leased to DHL
- Parking within the Sydney Airport Terminal 1 freight facilities.

These are noted herein for reference only to provide a reference to other off-street parking options.

Public car parks are also located adjacent to Terminal 1 (P7 and P9) and Terminals 2/3 (P1, P2 and P3). The car parks at Terminal 1 have capacity for approximately 4,000 vehicles. The car parks at Terminals 2/3 have capacity for about 4,200 vehicles. None of these car parks are located within the Project site.

8.3.4. On-street parking

No roadways close to the Project site provide on-street parking. The following streets, along proposed haulage routes, include parking:

- Botany Road, outside of clearway and bus lane operating periods
- Ricketty Street, outside of clearway periods
- Burrows Road South between Visy building and Canal Road
- Burrows Road North between Canal Road and Campbell Road
- Bellevue Road between Swamp Road and Princes Highway, and
- Holbeach Ave between Princes Highway and terminus

The construction of the Project is not anticipated to impact on-street parking. In the event on-street parking is impacted, a Construction Parking and Access Strategy would be issued for approved by the Planning Secretary prior to impacting on-street parking, in accordance with CoA E57.

8.3.5. Utilisation of public transport

JHSWJV will encourage the construction workforce to use public transport through the recruitment and onboarding process, as well as through toolbox talks, in order to reduce the number of private vehicles travelling to and from the Project. The project Sustainability Management Plan, outlines strategies regarding how JHSW will be encouraging the workforce to use public transport.

Bus network

Several bus routes operate along key roads in the Project. In the immediate vicinity of the Project site, routes 400, 420 and 420N operate along Qantas Drive and Airport Drive, including stops on Qantas Drive at Lancastrian Road within the Project site. These routes, which include stops at Terminal 1 and Terminals 2/3.

Route 400 operates between Bondi Junction and Sydney Airport. Routes 420 and 420N operate between Burwood and Eastgardens Shopping Centre in the east. These routes have a frequency of approximately 20 minutes. Other bus routes are generally located around Mascot Station to the north of the Project site and along Princes Highway to the west.

Botany Road serves the highest frequency of buses overall with up to 35 buses per hour in the peak period. As a major bus corridor, bus lanes are provided on Botany Road north of Wentworth Avenue. These are the only bus lanes located in the Project.

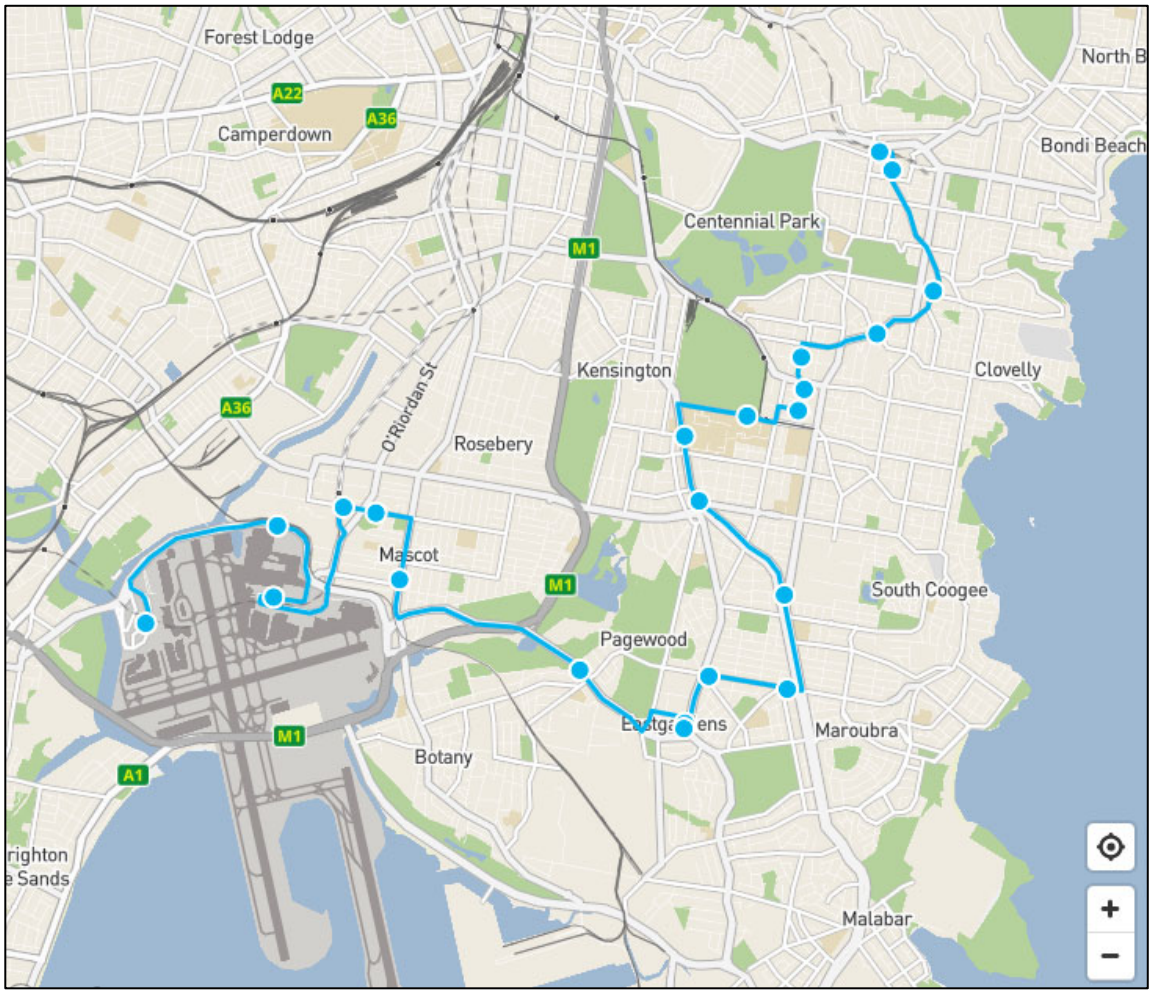

Figure 8-1: Bus route 400

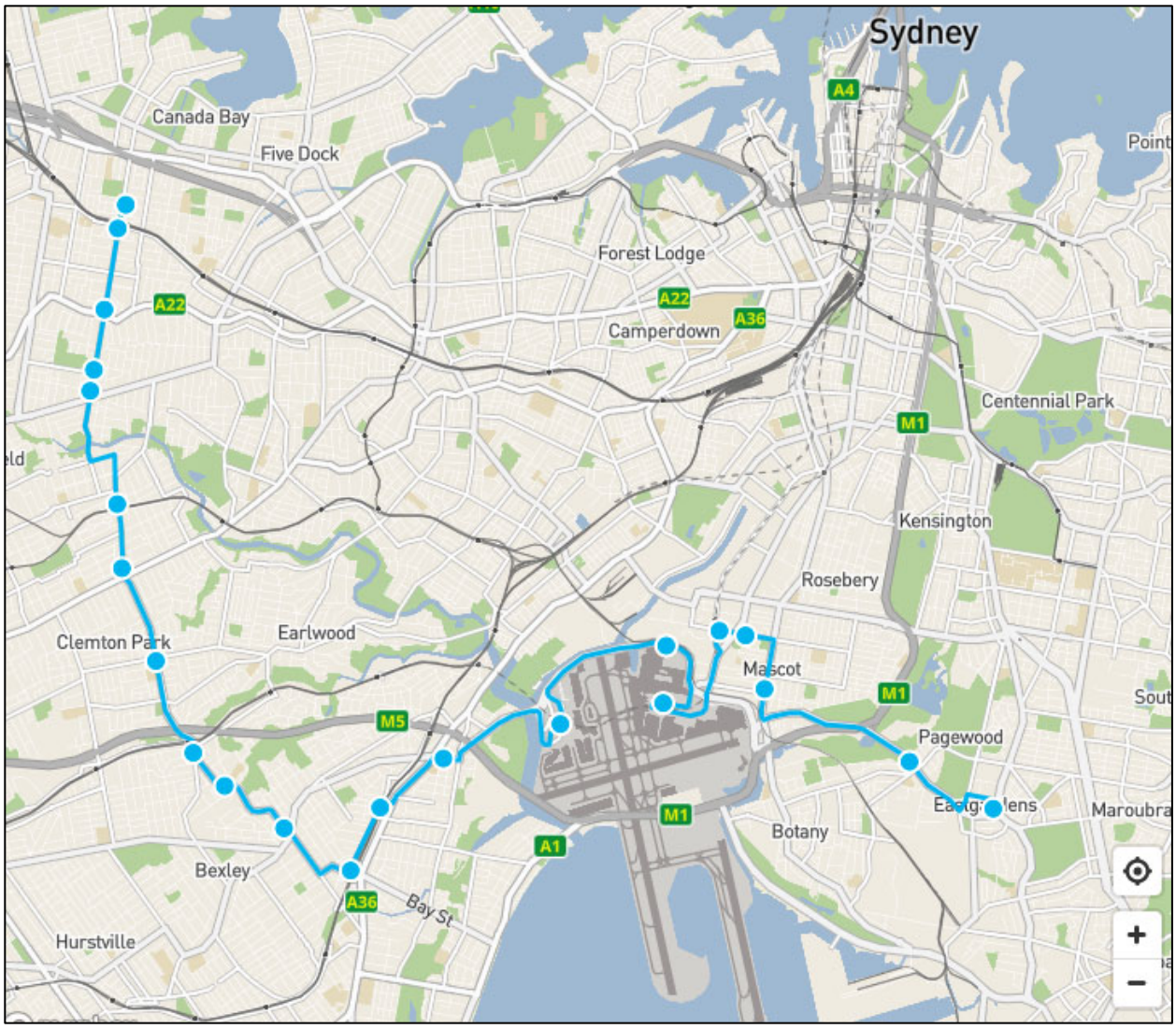

Figure 8-2: Bus route 420

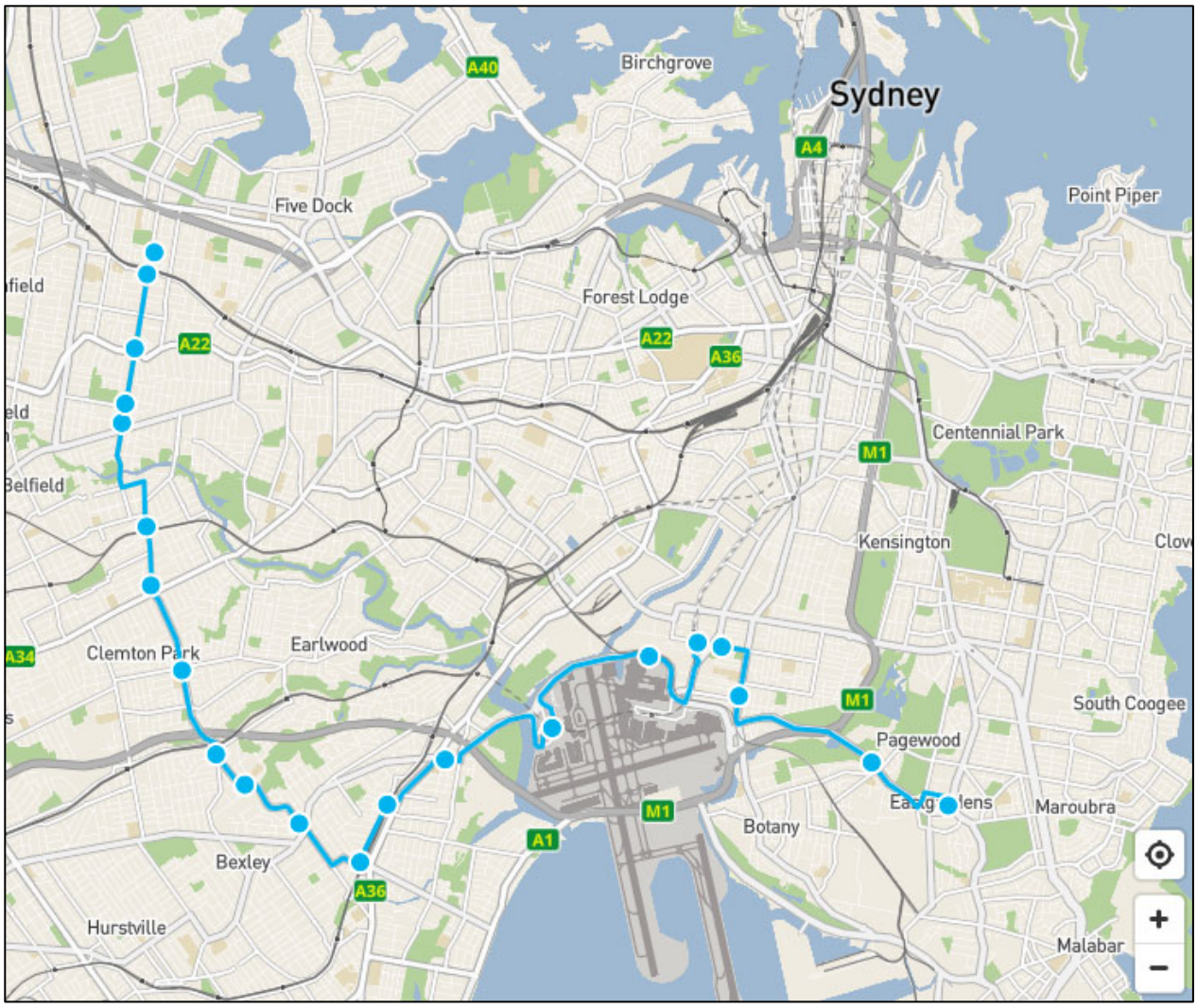

Figure 8-3: Bus route 420N

Train network

The Project is located in close proximity to several train stations that will provide another public transport option for Project personnel to attend construction compounds and include the following:

- Tempe Train Station is 1.4km from compound C1 and C2, and 1.3km from compound C3.
- Mascot Train Station is 1.2km from compounds C4 and C5, and 350m from the main office.
- Sydenham Train Station is approximately 1.1km from compounds C1 and C2.
- Wolli Creek Train Station is approximately 1.4km from compound C3.

8.3.6. Utilisation of active transport

Active transport options will also be encouraged through the provision of changing facilities and bike storage areas for cyclists.

The cycle network consists of a combination of types, including cycleways, shared paths, recreational and on-road facilities. The key cycling infrastructure in the Project and surrounds is made up of three off-road links:

- The Alexandra Canal cycleway
- Cooks River shared path and its connections
- The Bourke Road cycleway.

The Alexandra Canal cycleway is located within the Project site (refer to Figure 8-4) and forms the main east–west and north–south connections for active transport across the Project. The path runs adjacent to Airport Drive and connects to Terminal 1 via Tempe Recreation Reserve and Wolli Creek, and surrounding areas via Marsh Street. To the east, the path continues north along Alexandra Canal before joining Coward Street to connect with the Bourke Road Cycleway in Mascot, which travels to the Sydney central business district.

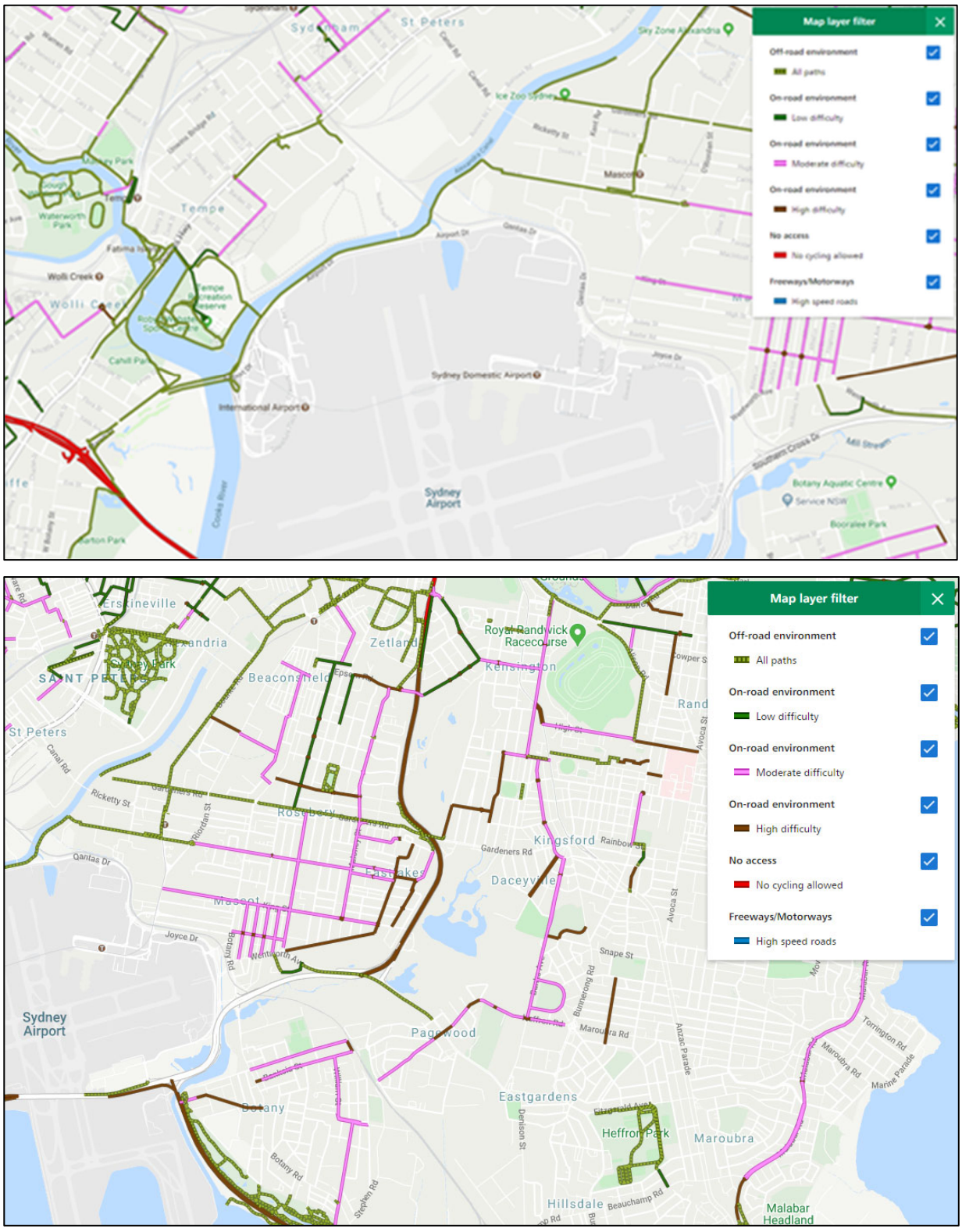

Figure 8-4: Cycle routes in the surrounding network

8.3.7. Tools of trade

The sites will also allow for storage areas for workers who require tools of trade. By providing this space, the number of vehicles required to bring these tools to site every day will be minimised.

8.3.8. Car pooling

Carpooling is strongly encouraged by the Project for providing sustainability and community benefits. Site toolboxes will be utilised to encourage Project personnel on the same shifts to coordinate with personnel comfortable with carpooling from similar locations. The project Sustainability Management Plan outlines additional strategies regarding how JWSW will be encouraging the workforce to utilise car pooling as a form of transport to site.

8.3.9. Communicate travel and parking strategy to workers

The contents of this travel and parking strategy will be communicated to construction workforce personnel through site inductions, toolbox talks, and pre-start meetings as required. In addition, the following rules will be communicated to staff:

- Arrive and depart construction sites quietly and drive respectfully when travelling to and from the Project,
- Always check street signs for parking restrictions before leaving your vehicle, and
- If approached by a member of the public, be respectful and refer them to the Community Information Line.

Educational initiatives will be provided to workers during inductions, pre-start meetings and toolbox talks, advising workers of carpooling incentives and the availability of public transport.

Where workers are impacting the amenity of residents or repeatedly behaving or parking inappropriately, they may be required to re-attend the Project induction which will include detail on the alternative parking options. Stronger sanctions may be implemented for repeat offenders at the discretion of the Project Manager.

8.3.10. Demand Reduction

The Project is basing all personnel not required to be located at the construction sites in offices away from the works area. This will include design and support services that will generally not be required to attend construction sites.

8.4. Public Transport

Two bus stops located on Commonwealth Land on Qantas Drive at the Lancastrian Road intersection (Bus Id 202070 and 202050) will be permanently removed as outlined in section 8.6.5 of the EIS. These stops are used by bus routes 400 and 420 and is not heavily used as historical data indicates that less than 20 passengers use this stop daily. Following removal of the bus stops circled in red in Figure 8-1 below, the closest stops serviced by the same routes would be located within Terminals 2/3 (circled in green about 750m away). It is expected that the existing stop would experience lower levels of use once the Qantas Flight Training Centre relocates. The bus services will continue to operate during construction, and would be subject to the same delays, detours and diversions as general traffic.

Phases of construction will impact the bus services that operate along Airport Drive, Qantas Drive and O'Riordan Street (routes 400, 420 and 420N).

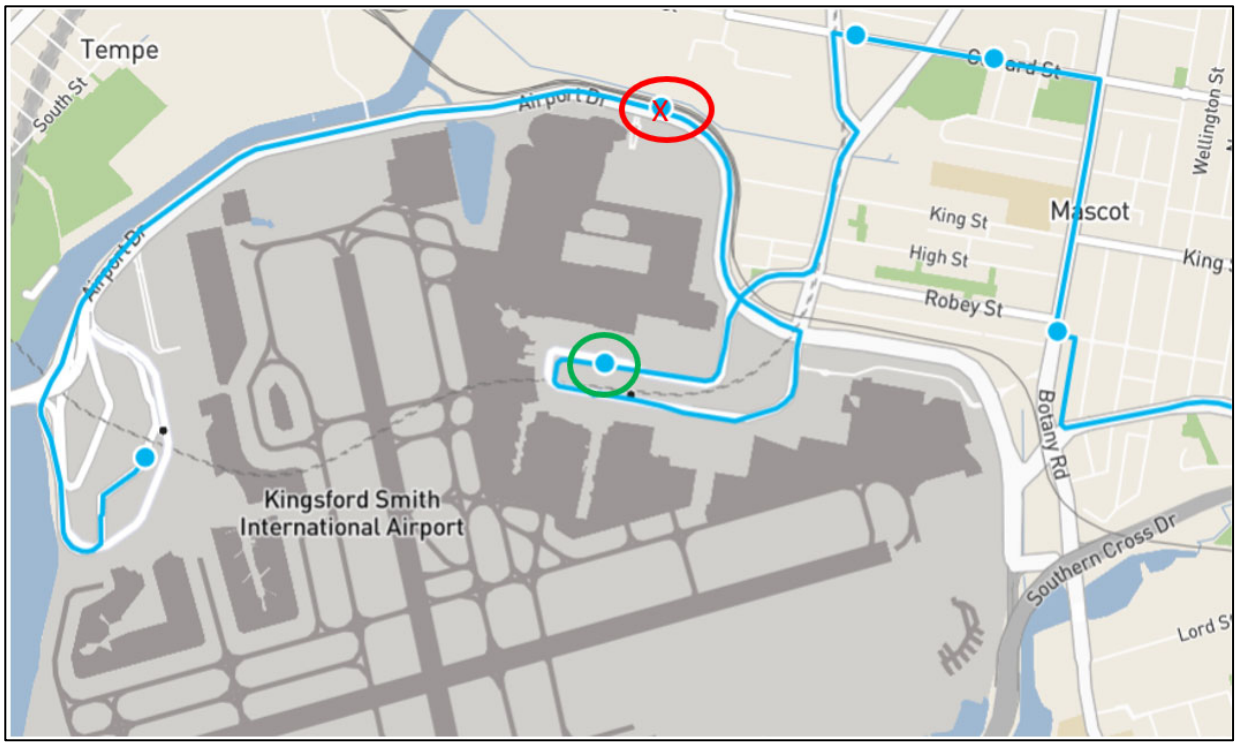

Figure 8-1 Bus stop modifications

The Project would not directly impact passenger rail services or stations.

8.5. Property Access

Access to properties will generally be maintained unless alternative arrangements are made. However, some temporary impacts on access may be unavoidable during certain work periods or for some activities (for example service trenching across driveways to upgrade local services). In these instances, consultation would be undertaken with the property owner/occupant to ensure that satisfactory alternative access is provided and/or the impact is minimised.

Access to businesses will be maintained throughout the works. At times this will be under alternate detour arrangements. This will be supplemented with VMS strategies under the Site Specific TMPs developed for the specific impact. Businesses along Ross Smith Avenue remain highly visible throughout the JHSW works. Detours will continue to maintain access to these businesses.

Access to community facilities and infrastructure will be maintained throughout the works, at times under alternate detour arrangements. This will be supplemented with alternate routes under the site specific TMPs and traffic control arrangements as required.

Any potential disruption to affected business or properties will be managed in accordance with the Communications Strategy and will include meetings/liaison with affected businesses and properties as well as notifications and VMSs where detours are required. This consultation will occur prior to any potential disruption to affected business or properties with sufficient time to ensure appropriate measures are in place ahead of the disruption.

8.6. Pedestrians and Cyclists

In accordance with CoA E61, safe pedestrian and cyclist access will be maintained around work sites during construction. In circumstances where pedestrian and /or cyclist access is restricted or removed due to construction activities, an alternate route which complies with the relevant standards will be provided and signposted prior to the restriction or removal of the relevant pedestrian and cyclist access.

Any changes to pedestrian activity will be communicated to council and Project representative at least one week prior to implementation. JHSWJV would manage cyclist wayfinding via temporary routes that comply with the requirements of AS 1742 Part 9 – Bicycle Facilities, Austroads Guide to Traffic Management Part 10 and AS 1743 – Road Signs Specifications and in accordance with the Guide to Road Design Part 6A: Paths for Walking and Cycling (Austroads).

All proposed changes impacting pedestrians and cyclists will be documented as part of a SSTMP or addendum as agreed.

8.6.1. Alternate pedestrian and cyclist arrangement

To minimise potential safety impacts during construction of the Project, and as a result of the proposed closure of Airport Drive verge, the existing cycle route along Airport Drive will be closed. All other accesses to the domestic terminal will be maintained as required to facilitate active transport to Terminals 2/3.

The Project will construct the Active Transport Link (ATL) route between Tempe Recreational Park and Nigel Love Bridge. The ultimate ATL would be constructed to provide connectivity for pedestrians and cyclists between Tempe Recreation Reserve to Nigel Love Bridge. In accordance with CoA E62 active transport would temporarily use the existing facilities at this location to continue along the existing route to Coward Street while the second phase of work is constructed. An alternative arrangement will be available within the construction footprint prior the closure of Airport Drive active transport link.

Temporary works may still be required at specific locations impacted by overhead bridge structure construction. This would include an overhead hoarding to protect users below. Temporary safety lighting will be provided as illumination is deemed unsatisfactory. Table 8-7 below outlines the indicative changes to pedestrian and cyclists networks that would be impacted by the works.

These changes, and any others identified, will be documented as part of a SSTMP in accordance with the principles outlined within the TTMP. The need for any additional assessment would be identified at this time.

Table 8-7: Indicative changes to pedestrian and cyclist networks

Location	Changes	Potential impacts
Canal Road	Short-term closures of footpaths on both sides of the road to facilitate construction. Closure would only occur on one side of the road at a time, with pedestrians redirected to the other side during each closure.	There would be a negligible increase in walking times and distances travelled where pedestrians need to cross Canal Road to continue their journey. Traffic management would be implemented to facilitate pedestrians crossing Canal Road during major road closures.
Alexandra Canal cycleway	Permanent closure of the shared path (cycleway) on the eastern side of Alexandra Canal, between the existing pedestrian bridge and the Nigel Love bridge. A temporary active transport link (described in EIS Section 8.6.4) would be established in accordance with CoA E62 until the proposed new active transport link is operational.	The alternate access to Link Road would be about 1.7km longer than the existing route. This could result in a minor travel time increase for cyclists and an additional travel time for pedestrians. An alternative route via Terminal 1 may provide internal access to airside facilities.
Nigel Love bridge	Temporary short-term closures of the cycleway east of Nigel Love bridge during some construction activities (e.g. major crane lifts for the Qantas Drive and terminal link bridges).	Minimal impacts are anticipated as a temporary route is planned to accommodate pedestrians and cyclists for the duration of construction.
Link Road	Removal of the pedestrian crossing at Link Road.	The existing pedestrian crossing at Link Road would be removed, with access to the freight facilities provided by existing paths located near Terminal 1. This route would be about 775m longer than the current route.

Location	Changes	Potential impacts
Qantas Drive	Permanent removal of the concrete path (informal footpath) on the northern side of Qantas Drive between Robey Street and west of Lancastrian Road.	The existing path is narrow and generally of poor quality, except for a short section near Robey Street that was recently completed. The western section of the path was historically used by Qantas employees to cross the rail line and access the Sydney Airport Jet Base facilities and bus stops at Lancastrian Road, which would be removed as part of the Project. The path is disconnected from the surrounding active transport network and does not currently serve any nearby land uses. Its use is discouraged by Sydney Airport and other agencies due to its narrow width and proximity to Qantas Drive. Removing this path would therefore have a negligible impact on pedestrians.
	Temporary removal of the pedestrian footpath located on the northern side of Qantas Drive, between Robey Street and O'Riordan Street, to facilitate construction of the Terminals 2/3 access viaduct.	The footpath would mainly be used by pedestrians east of Sir Reginald Ansett Drive accessing the bus stop in Robey Street. The impact is considered limited as there is a parallel footpath on the other side of Qantas Drive which would be used.
Robey Street	Adjustment of the pedestrian footpath on the northern side extending north from Qantas Drive to facilitate revised kerb alignment.	The footpath would be replaced in accordance with current design and accessibility requirements.

8.7. Construction Staging Plans

As required by the Updated Mitigation Measures (primarily TT5-TT9), a series of construction staging and temporary work plans will be prepared in consultation with the Airport Precinct Infrastructure Coordination Operations Group (APICO) and the Traffic and Transport Liaison Group (TTLG). These will be based upon the preliminary staging information contained within Appendix B of this Plan. These plans will ensure that:

- Access to Sydney Airport is maintained at all times during operational hours
- Staging of construction works is done to minimise impact as much as possible on Qantas Drive, Airport Drive and access to Sydney Airport terminals and
- Maximising separation between work areas and travel lanes.

As part of the Site Specific TMP development, Traffic Coordination Group (TCG) consultation will be carried out to review, analysis and develop the site specific strategies required for each re-routing option as detailed in UMM TT9. JHSW will complete an analysis of the re-routing options and present the preferred option in consultation with key stakeholders (ie SYD, CJP, and Greater Sydney Precinct). JHSW then considers feedback and suggestions which are documented in the Site Specific TMP (SSTMP). This Plan is then subject to Approval by the aforementioned stakeholders. Additionally, a memo of Endorsement is then required from the Directors of CJP and Greater Sydney Precinct (after the Plan is Approved).

9. Monitoring impacts

JHSW will plan appropriately to understand the impacts any works will have on the customer journey experience to and from the airport precinct. We will take every possible measure to mitigate the effects on traffic, such as by communicating in advance when any road closures are to occur.

Works will require a variety of traffic management approaches, including intersection closures, detours and ongoing lane closures. These activities may increase impacts to the surrounding local network. We will monitor the impacts, delays and queues caused by traffic modifications our construction activities have caused.

JHSW will conduct regular inspections to arterial and local roads to ensure that operations and maintenance are maintained in accordance with specifications. We will also establish and manage the road network via a manned TCR that uses live CCTV feeds to oversee critical interfaces between the Project and community.

TfNSW, through the CJP and CJM, has analysed traffic and airport patronage data and determined the Sydney Airport precincts need to be planned carefully around peak periods. ROLs have time restrictions that usually coincide with airport operations, which tend to be:

- Terminal 1 International: busiest in the mornings each day and particularly on Friday, Saturday and Sunday
- Terminals 2/3 Domestic: busiest in the morning and afternoon peaks every day and the busiest days are Monday, Thursday, Friday and Sunday.

The morning peak is generally from 5:00am to 10:00am and the afternoon peak from 4:00pm to 10:00pm.

The TCR will monitor the traffic conditions on the network via CCTV on a 24hr-7days a week basis. This will facilitate monitoring and quantifying traffic delays, incident management, traffic queue and general conditions in proximity to the Project. It will ensure traffic flows along the arterial road corridors are not interrupted by construction traffic.

Specific operational details including how JHSW will monitor and respond to network incidents / disruptions as a direct result of project activities is documented within the TTMP. The TTMP further outlines how JHSW will keep TfNSW (CJP and CJM) and Sydney Airport updated regarding the road network capacity and performance.

10. Stakeholder communication

JHSW aims to achieve a ‘no surprise’ approach to traffic management, with minimal impact on the local community, key stakeholders, and the travelling public. Our community and stakeholder team will work closely with our traffic management team, to ensure that early input is provided for the planning and implementation of traffic changes that are likely to impact stakeholders, the community, motorists, cyclists, pedestrians, and commuters. This will ensure that communication packages are drafted and disseminated within agreed timelines.

The JHSW Community & Stakeholder Manager will attend TTLG meetings, with the aim of forming relationships with key members of the group, to convey an understanding of local concerns and to support the traffic management team. This will ensure that the customer experience and ‘whole of network’ approach is reflected in all communication tools used to convey timely, and consistent messaging to the travelling public.

JHSW will undertake proactive consultation and communication with community members, the traveling public and stakeholders for upcoming construction works and changes to traffic arrangements that have the potential to cause impacts.

10.1. Overall requirements

The liaison, consultation and communication process will ensure that timely, accurate and comprehensive traffic and transport information is provided to all potential and existing road users to optimise their travel options and to reduce the traffic and transport impacts due to construction and will allow and accommodate community feedback to JHSW in relation to traffic and transport management issues.

Every traffic booking must be approved by the Community & Stakeholder Team before being resourced and allocated as part of JHSWs quality procedure- this is done electronically (ie there is a specific work flow which must be released by the Community & Stakeholder Team before the next step can be taken). This prompts the Community & Stakeholder Team to then ensure appropriate notifications, signage etc as well as liaison with affected residents is completed ahead of the planned

works/road closures. It is also important to note that the Environment Team also forms part of this work flow. The Environment Team must approve the booking before it can be finalised. This will include assessment, for example, of noise in the event of night works and determining any additional mitigation that may be required (eg specific plant/equipment that cannot be used, approvals required under the EPL or noise mitigation eg noise blankets).As a minimum, as part of the overall traffic and transport communications strategy, JHSW will:

- Implement a TTLG
- Disseminate information to impacted businesses and wider community
- Implement protocols and methods of communication in accordance with the SWTC and Communications Strategy.

10.2. Safety of the public

We will allocate sufficient resources to the Project to ensure that public safety remains a key priority. The public includes:

- Community
- Stakeholders
- Road users
- Active transport facilities
- Vulnerable road users.

Traffic not only relates to cars, but also includes pedestrians, freight, public transport, cyclists and the interactions between them.

JHSW's objective is to enable safe, efficient and reliable journeys on the network to deliver the NSW Government's priorities for transport.

A key issue is maintaining reliable and predictable journey times to and from and between the airport precinct. This is further expanded to impacts to the local network.

The priority for the Project is to minimise impact and ensure that the customer journey is as seamless as possible. This will be achieved through a collaborative approach:

- Planning for works to allow for sufficient lead times for TTMP submission and approval
- Using forums such as TCG and TTLG to disseminate information to the wider community
- Working within the stipulations of the SWTC, including time restrictions implied for Terminal 1 and Terminals 2/3 as per SWTC Appendix C.5 - Attachment C.5-3
- Managing speed limits in accordance with approvals and proactive management techniques
- Adhering to specific ROL times by ensuring that enough time is allowed for mobilisation and demobilisation of temporary traffic arrangements
- Ensuring temporary traffic management (TTM) is installed as planned and checked for ambiguity to minimise road user confusion.

11. Site establishment

11.1. Construction compounds

Five construction compounds are proposed to support construction works. All compounds would include the following facilities:

- Site offices
- Staff and workforce amenities
- Stores and laydown areas
- Workshops and maintenance facilities

- Workforce parking.

The proposed locations of the compounds and indicative haulage routes (subject to approval) are shown in Figure 11-1 and Figure 11-2 overleaf. All compounds would be located on Sydney Airport land with the exception of compound C3. Further information on each compound, including indicative layouts, is provided in the Construction Management Plan. Site specific compound arrangements will be documented as part of a SSTMP, which will detail access & egress, pedestrian cycling provision, parking, signage and haul route etc.

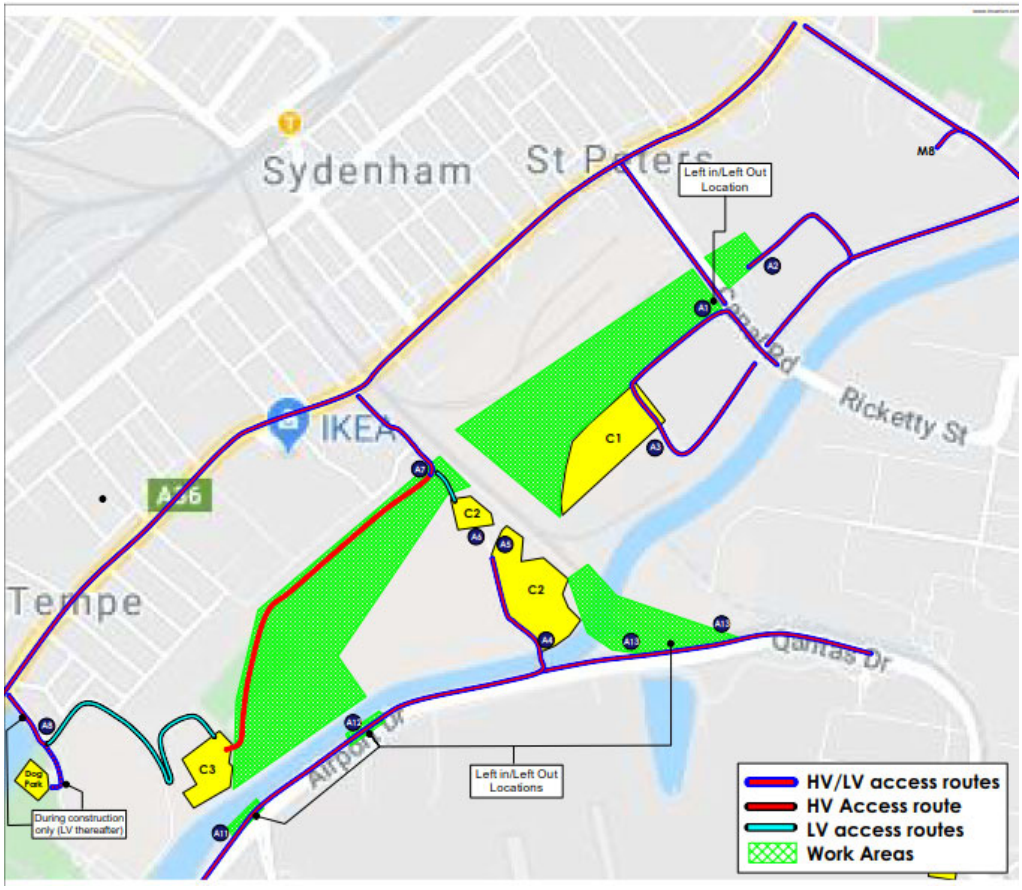

Figure 11-1: Stage 1 site compounds and access routes

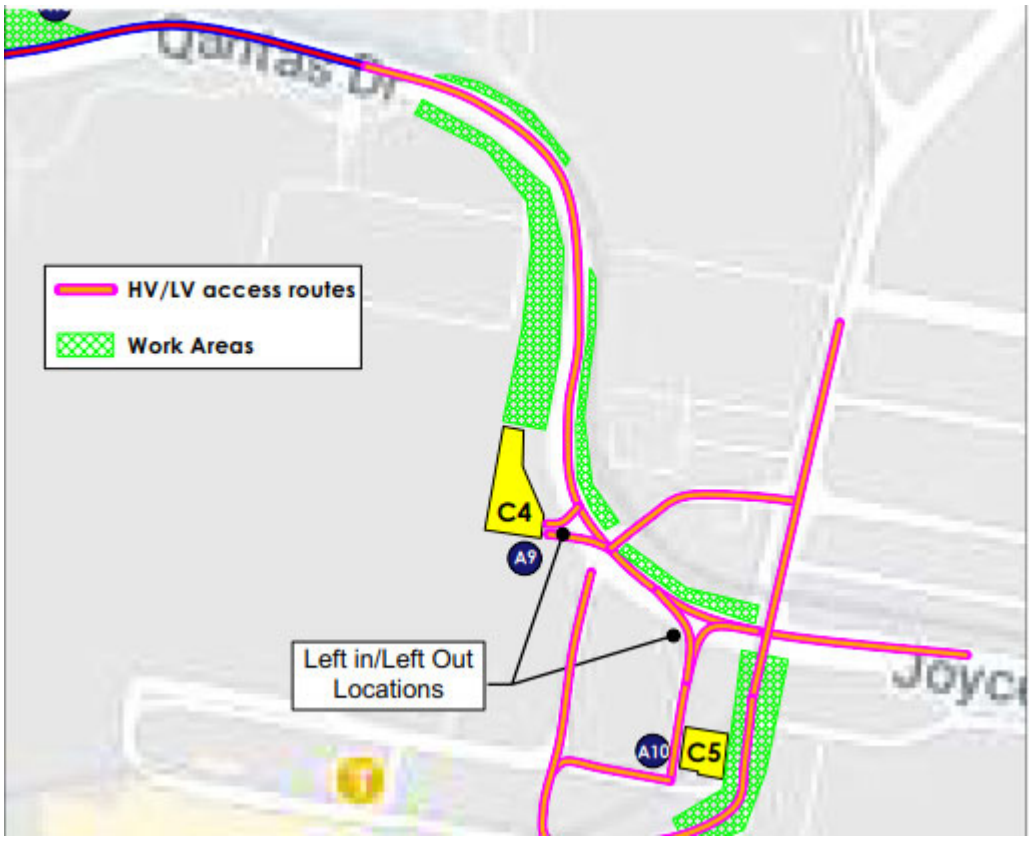

Figure 11-2: Stage 3 site compounds and access routes

11.2. Sign posting

All compounds will have access and egress locations to limit impact to the customer journey. Where this is unavoidable and construction traffic access/egress is required adjacent to critical thoroughfares, the gates will be designed to minimise impact and signposted to provide advanced warning prior to road user interfaces including deceleration and merge manoeuvrers.

11.3. Other support facilities

In addition to the proposed compounds, JHSW will lease an office space located close to the Project sites to cater for approximately 350 people. This facility will act as the initial start-up office and transform into the senior Project office housing the design team, construction management team and TfNSW representatives.

This collocated office will ideally be located within 10 minutes' drive to the Project, close to public transport (train and bus) and provide adequate parking facilities.

The location for this integrated project management office will be confirmed following contract award.

11.4. Access into work areas

Localised parking will be provided (in limited numbers) at each compound as detailed in Section 8.3 above. Where work activities require a larger workforce than parking allows the options in Section 8.3 will be utilised (including assessment, as required, for additional parking strategies). Where work sites are located in high-risk areas (roadway medians), JHSW will provide alternate arrangements or foot access via structured crossing points within the road network as part of the Site Specific Traffic Management Plans (SSTMPs).

11.5. Gate design

Gate design will be in accordance with AGRD Part 4A. Where site constraints do not allow for compliant gate design, a review of additional mitigation measures will be carried out on a case-by-case basis and addressed in the SSTMP to ensure safe operation. This will include the introduction of smart gate principles, using the TCR as the central control to manage truck movements across the site. It will also include specific identification references from which the Vehicle Movement Plan (VMP) will be developed and distributed to suppliers required to access that work area. Any gates that are deemed to carry excessive risk be escorted or manned as required.

Locations will be identified as per the Reference Design markers in accordance with the major infrastructure located in that area, e.g. viaduct at O'Riordan Street or Ansett Drive, SB51 or SB21. Any gate numbering will be specified in the SSTMP planning phase. Figure 7 shows the indicative design standards that will be adopted when site constraints do not impede. If the minimum design is not achievable, additional controls will be implemented to offset any risk, e.g. TCR assistance.

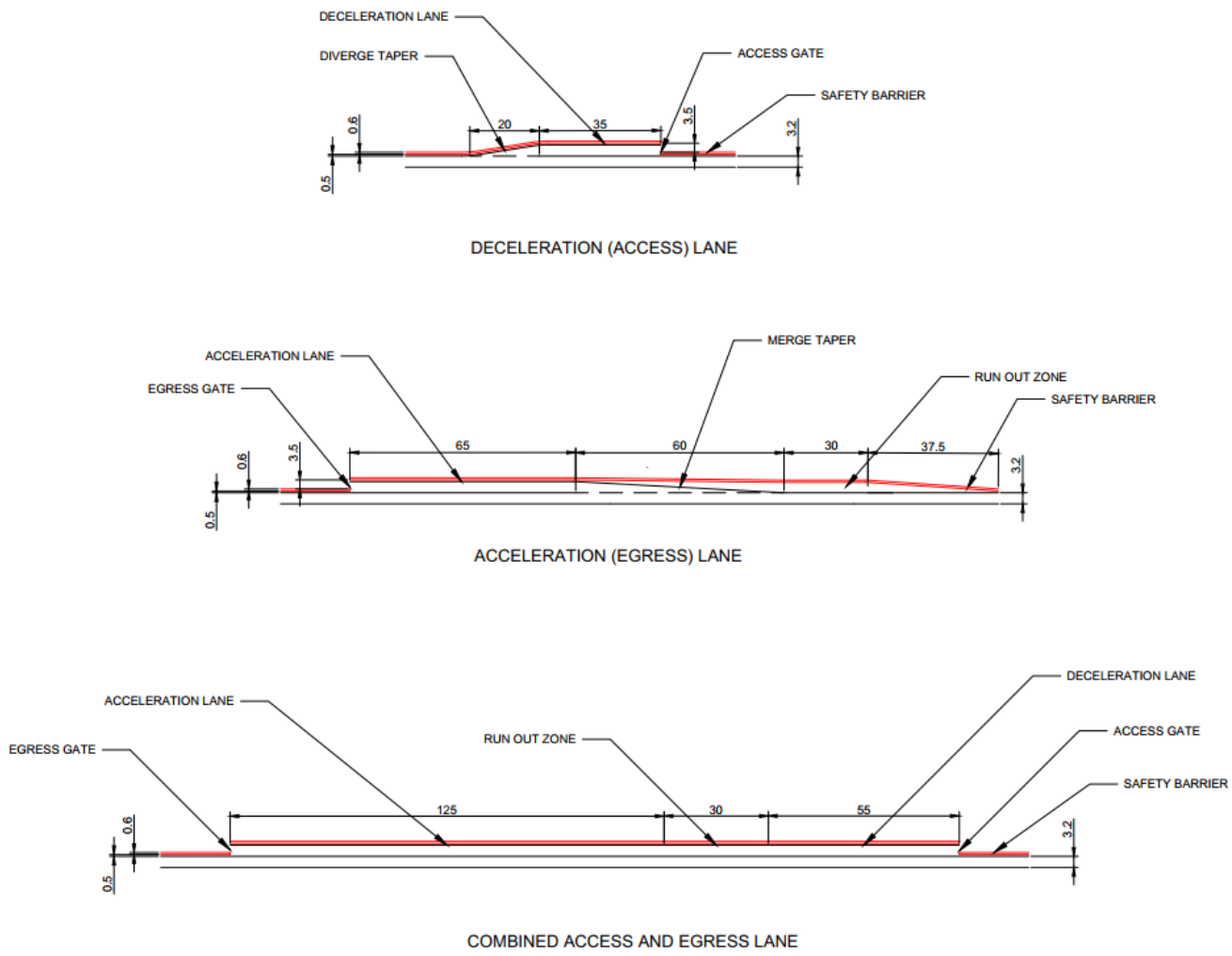

Figure 11-3: Optimum gate design

12. Information signage

The installation of directional, information and regulatory signposting will accompany any changes to the existing road networks.

JHSW will design, supply, install and maintain all directional, information and regulatory signs and structure required for the Project, including any modifications that are required to existing signs and sign structures. The design, manufacture and installation of the signs and sign structure will be in accordance with the TfNSW standards, Australian Standards AS1742 Manual for Traffic Control Devices and Appendix B8 of the SWTC.

In addition to the signposting requirements stipulated in TfNSW Traffic Control at Worksites Manual and the Australian Standards, JHSW will apply the following sign posting parameters:
The minimum size of signs used on the Project will be Type B.

Consideration will be given to the installation of short-term signs on permanent posts with secure covers, where works occur in the same location on a regular basis. JHSW will provide sign designs to TfNSW to review and approve within sufficient time to allow for manufacture and installation to meet Project requirements. JHSW will conduct detailed reviews of all short and long-term signage with the aim of ensuring a clear and concise message is given to approaching road users, without creating sign clutter.

All signposting changes will be outlined in the SSTMP and TGS.

JHSW will:

- Integrate the signage changes into the existing road network
- Liaise with authorities and agencies to determine issues, opportunities and constraints during the development of any directional signposting changes
- Submit details of any installation or changes to signposting during the works within the SSTMP/TGS. This includes scaled plans showing the locations of existing and new or modified signposting in all directions
- Install and cover all new directional signs prior to opening of a new construction stage
- Cover or change existing signposting that shows incorrect information during or immediately following the introduction of the new traffic arrangements
- Remove any signs that are superseded because of the works as noted in the SSTMP/TGS
- Reinstate all directional signposting at the completion of the works.

Project branding and signage will be installed as agreed with TfNSW, including Project identification signs to acknowledge State and Federal Government initiatives.

An overview of indicative signage is detailed in the Traffic and Transport Management Plan.

13. Speed limit signage

Regulatory speed signage will be installed in accordance with TfNSW Traffic Control at Worksites Manual and the Australian Standards at spacings of 500m. it is proposed that the Project will utilise remotely controlled variable speed limit signs (VSLS) throughout the approaches and main alignment to improve motorist awareness of ongoing construction areas, high risk works and supplemented by variable message signs (VMSs) throughout the Project.

14. Traffic transfer arrangements (staging)

Traffic will be 'staged' to complete the works, with each stage broken into phases to accommodate specific construction requirements. A preliminary outline of these stages is presented in Appendix B of this Plan.

Planning for each phase will be undertaken in a timely manner to allow for sufficient stakeholder engagement and feedback. The Project will have several forums, as detailed in the following sections, in which information is conveyed.

14.1. Airport Precinct Infrastructure Coordination Operations Group

The Traffic Manager will provide the following information relating to the works to assist the group to meet its Terms of Reference:

- Construction staging (existing or proposed)
- Traffic operations, including changes in regulatory traffic controls (e.g. parking)
- Community concerns and comments or feedback
- Impacts on road-based transport operations
- Issues related to pedestrians and cyclists or mobility impaired road users
- Communication strategies and actions to be taken (in consultation with the Community & Stakeholder Manager).

14.2. Traffic and Transport Liaison Group

In line with Section 2.4.2 of Appendix C.5 in the SWTC, the Traffic Manager will organise and chair all TTLG meetings held during the Project's duration.

The Traffic Manager will act as the authorised representative for the Project in matters related to traffic and transport relating to the works to assist the group to meet its Terms of Reference:

- Construction staging (existing or proposed)
- Traffic operations, including changes in regulatory traffic controls (e.g. parking)
- Community concerns and comments or feedback
- Impacts on road-based transport operations
- Issues related to pedestrians and cyclists or mobility impaired road users
- Communication strategies and actions to be taken (in consultation with the Community and Stakeholder Manager).

The forum that will provide stakeholder groups the opportunity to raise any issues or concerns. The TTLG will consist of representatives from the following organisations:

- TfNSW
- Sydney Airport
- CJP/CJM
- ARTC
- Emergency Services (NSW Police Force, Ambulance NSW, and NSW Fire and rescue)
- Sydney Buses and NSW Bus & Coach Association
- Sydney Trains
- Bus Operators
- Bicycle NSW
- NSW Taxi Council
- Impacted local councils (Bayside, City of Sydney and Inner West), and

- Any other representative of any other Authority or road user group affected by JHSW activities.

If required, relevant construction personnel will attend TTLG meetings to discuss any specific and/or technical matters that may arise.

The TTLG is not a forum to obtain approval(s).

14.3. Traffic Coordination Group

The Traffic Manager will establish a TCG for the Project. TCG members will meet weekly (or as required) and be limited to:

- TfNSW Representative
- CJP/CJM Representative
- Sydney Airport Representative
- Traffic Manager
- Project Manager Stage 1/3 (or delegate).

The TCG will debate, discuss and agree on any and all traffic and transport related issues. It is in TCG meetings where decisions and changes will be made on SSTMPs and any other Project-wide traffic and transport related issues.

14.4. Local Traffic Committee

Although the Local Traffic Committee (LTC) representatives will attend TTLG meetings for information, any changes to the use of traffic control devices, such as to line marking and regulatory signs, will require approval from the local council via the LTC. JHSW will establish relationships with key stakeholders and include them in the approval processes where local roads are impacted.

Key dates for LTC meetings for the impacted municipals are listed below:

- Inner West Council: https://www.innerwest.nsw.gov.au/contribute/community-engagement/statutory-committees/local-traffic-committee
- Bayside Council: https://www.bayside.nsw.gov.au/your-council/council-and-committee-meetings/bayside-traffic-committee
- City of Sydney Council: https://meetings.cityofsydney.nsw.gov.au/ieListMeetings.aspx?XXR=0&Year=2020&CId=137&MD=ielistmeetings

The Traffic Team will develop and implement traffic management strategies to minimise and mitigate traffic impacts caused by the Project, working collaboratively with other impacted parties to limit impacts of congestion on the road network.

15. Provision for special events

Special consideration and traffic planning will be undertaken for each of the ancillary facility sites to address road user needs during scheduled special events. The TTLG and APICOG will identify special events that occur in the vicinity of the worksite, incorporating these into the construction program and detailed responses and contingencies for each site. Special events will be incorporated in the planning of all traffic management strategies after execution of the D&C Deed.

Consultation will be undertaken with TfNSW, local council, public transport providers and event organisers to allow specific traffic measures to be devised and implemented. JHSW will identify scheduled Class 1 and Class 2 events that occur around the worksites and the impact that these events may have on the works.

JHSW will:

- Incorporate known events into our delivery program

- Accommodate all events that are close to the construction site which may affect haulage routes, delivery operations and require ROL conditions to be adjusted
- Manage the coordination of traffic during events in the immediate vicinity of the works in consultation with the TTLG
- Regularly update the SSTMP with input from organisers and other stakeholders, such as council, emergency services, stadium operators, the CJP and TfNSW, identifying contingency plans resulting from events
- During events, not undertake delivery activities which have potential to impact the road network surrounding the event, and for the duration of the event, unless agreed otherwise by the event organiser (noting that the duration of the event includes 'bump-in' and 'bump-out' periods).

15.1. Suspension of the Project and temporary works for the event duration

TfNSW, the CJM and the CJP reserve the right to suspend the Project works and temporary works for the duration of an event due to potential networks impacts, even if JHSW has the agreement of the event organiser. For the avoidance of doubt, an 'event' means a confirmed Sydney, national or international activity that places high passenger demand at the Terminal 1, Terminals 2/3 or the private jet facility on Ross Smith Avenue.

16. Provision for maintenance

JHSW will supply, install and maintain all temporary works and traffic infrastructure to facilitate the safe and efficient movement and management of traffic on the road network and traffic systems, including all other roads within the defined area outlined within Attachment 1 of Appendix C6 of the SWTC. A copy of this been provided as Appendix C. Traffic infrastructure includes:

- Regulatory, direction and information signposting
- Temporary barriers, terminals and associated delineation
- Longitudinal and transverse line marking
- Pavement marking
- Provision and relocation of bus or transit lanes
- Changes to traffic signals and detectors
- Changes to speed limits
- Channelisation
- Restrictions to left, right and through traffic movements
- Regulatory parking restrictions
- Tidal flow systems.

In accordance with the requirements outlined in Appendix C5 and C6 of the SWTC, JHSW will maintain all the temporary works and traffic infrastructure throughout the period of the works and within the response times required. The response times indicate the maximum times to attend the site and initiate actions to repair or make the work or infrastructure safe, including traffic control or detouring. Critical responses are required when situations warrant urgent attention due to impacts on road and traffic safety or efficiency. As a result, JHSW will upskill members of the traffic management team to address these faults, with support vehicles equipped to ensure a timely response.

Table 16-1: Traffic infrastructure fault maximum response times (Source: Volumes 4A and B Appendix C.5, Table C5-2)

Maintenance activity	Response time
Minor signal fault, i.e. lamp out	24 hours; critical response – 2 hours
Restore faulty detectors	Within 2 days
Major signal fault i.e. intersection blacked out, post hit and protruding into road	10 minutes (5.00am to 10.00pm Monday to Sunday); 20 minutes at other times
Minor regulatory sign missing Replace sign	24 hours; critical response – 2 hours
Major guide sign hit and protruding into road	10 minutes (5.00am to 10.00pm Monday to Sunday); 20 minutes other times
Repainting of faded pavement and line marking – line marking must be clearly visible at all times and under all weather conditions	1 week; critical response – 24 hours
Minor pavement and channelisation failure – channelisation include temporary medians and new jersey barriers	24 hours; critical response – 2 hours
Major pavement failure that requires closure of at least one trafficable lane on a Core road (as identified in Attachments C.5-1 and C.5-2)	10 minutes (5.00am to 10.00pm Monday to Sunday); 20 minutes other times
Major pavement failure that requires closure of at least one trafficable lane on a Precinct road (as identified in Attachment C.5-1 and C.5-2)	20 minutes (5.00am to 10.00pm Monday to Sunday); 60 minutes other times

17. Monitoring and inspections

Inspections, observations, monitoring and reporting requirements relevant to traffic management will be developed in accordance with the SWTC. The Traffic Manager will check and retain records to confirm the relevant plans are being implemented.

17.1. Safety inspections

Long-term traffic management set-ups will be inspected weekly, with minor issues recorded and rectified immediately. More significant issues will be recorded for rectification. The inspections will be documented, and copies stored onsite.

Daily inspections will be undertaken as part of TGS protocol for short-term works. Issues will be recorded and rectified as they are identified. The inspections and issues will be documented in the issues register.

Ongoing inspections will be conducted by Traffic Officers/Supervisors to ensure that all implementations are in accordance with the approved ROL/TGS/TTMP and the TfNSW Traffic Control at work sites manual. All safety critical defects will be rectified as soon as possible.

As part of the Sydney Gateway requirements with TfNSW, a pre -opening walk-through inspection and hold point must be released prior to any changes in the traffic arrangements including review of any pavement markings, road signs and other traffic control devices. This inspection will be undertaken by a person qualified in Roads and Maritime's 'Design and Inspect Traffic Control Plans'.

17.2. Issues register

An issue register will be maintained to record issues identified and corrective actions taken. This will be subject to audit by the Quality & Completions Manager at regular intervals.

17.3. Traffic Road Safety Audits

Road Safety Audits (RSAs) will be conducted by an appropriately qualified and experienced team during the detailed design phase, to assess the safety performance of any new or modified local road, parking, pedestrian and cycle infrastructure provided as part of the Project. This will ensure that they meet the requirements of relevant design, engineering and safety guidelines. Corrective actions will be undertaken to address the audit findings prior to construction of the relevant infrastructure.

Pre and post RSAs will be performed on all traffic arrangements that require a temporary works design. The Audits will be undertaken in accordance with the TfNSW Guidelines for Road Safety Audit Practices. A copy of this document is available in the TfNSW intranet at: https://roadsafety.transport.nsw.gov.au/downloads/audit-practices.pdf

The team carrying out the audit must comprise, as a minimum, a lead auditor registered at Level 3 certification and a second team member registered at Level 2 certification. Both auditors must be listed on the NSW Centre for Road Safety's Register of Road Safety Auditors.

A copy of all independent audits will be issued to TfNSW within 20 days of the audit being completed.

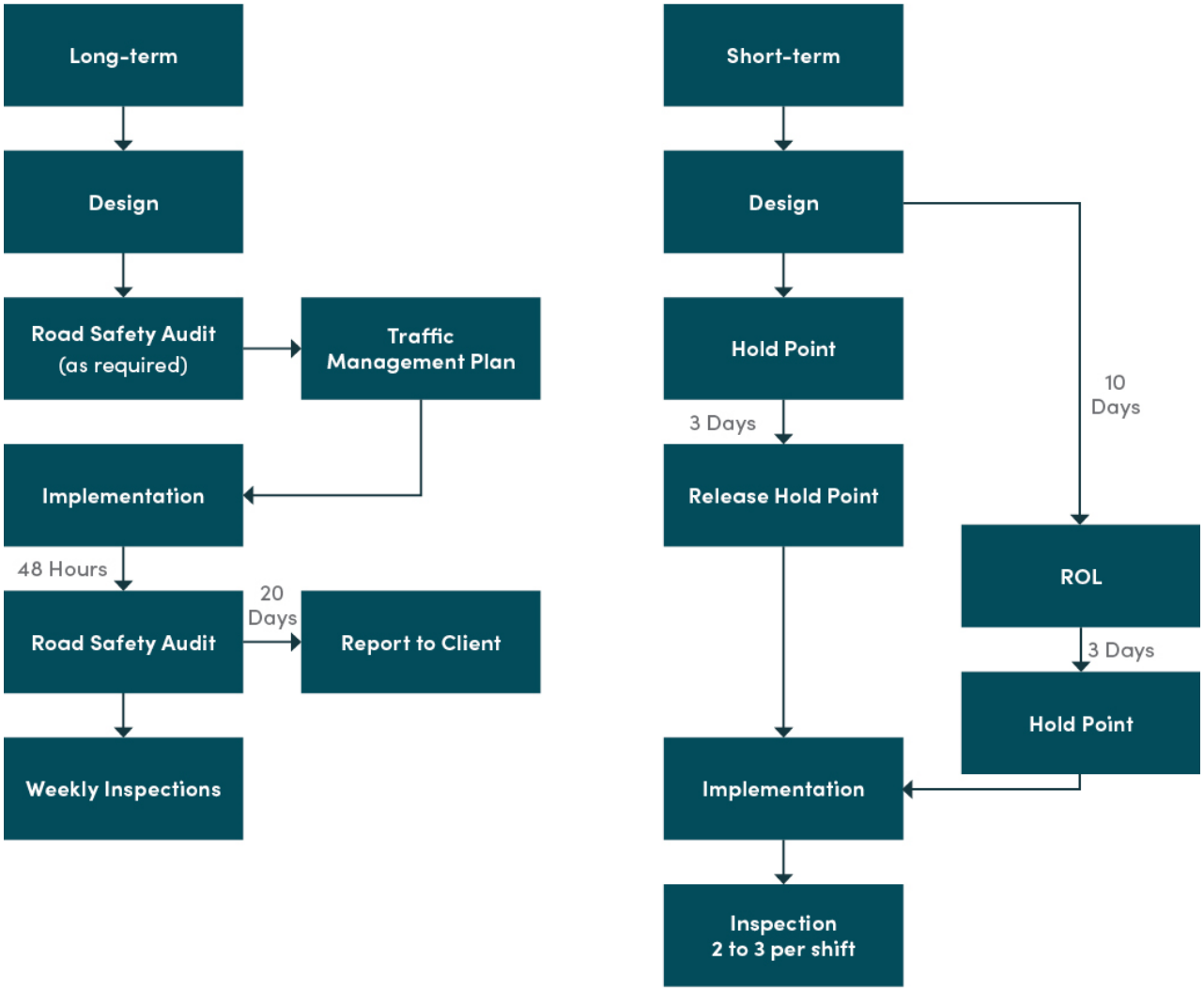

Figure 17-1: Inspection protocols

18. Emergency and incident response

The types of minor emergencies or unplanned incidents that may occur include:

- Motor vehicle crash events (no injury)
- Pedestrian accidents (no injury)
- Motor vehicle break downs
- Environmental spills
- Construction-related incidents
- Inclement weather conditions
- Flooding
- Debris or fauna hazards within the corridor

JHSW will adopt the operating procedures for managing emergencies and unplanned incidents contained in the Project WHS Management Plan.

The Project Team will immediately notify the TfNSW Representative of the occurrence of an incident and record knowledge of the facts. The Traffic Manager (or delegate) is then required to forward a report with the information to the TfNSW Representative within two days of the occurrence of the incident.

Specific operational requirements to how JHSW will attending to emergency and incident response is outlined within the TTMP.

Appendix A Swept Path Analysis

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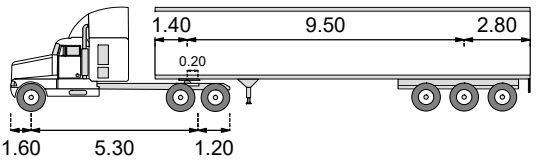
Vehicle dimensions



Prime mover and semi-trailer

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 27.76°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.26 m

Burrows Rd

Burrows Rd

Campbell Rd

10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

MAP REF

N

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

NOTES:
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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURR-CAMP-SWEPT-ST-005

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd, Tempy Semi-Trailer Swept Parth Site Entry And Exitt

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1300 TRAFFIC (872 334)
ABN 84 102 768 061

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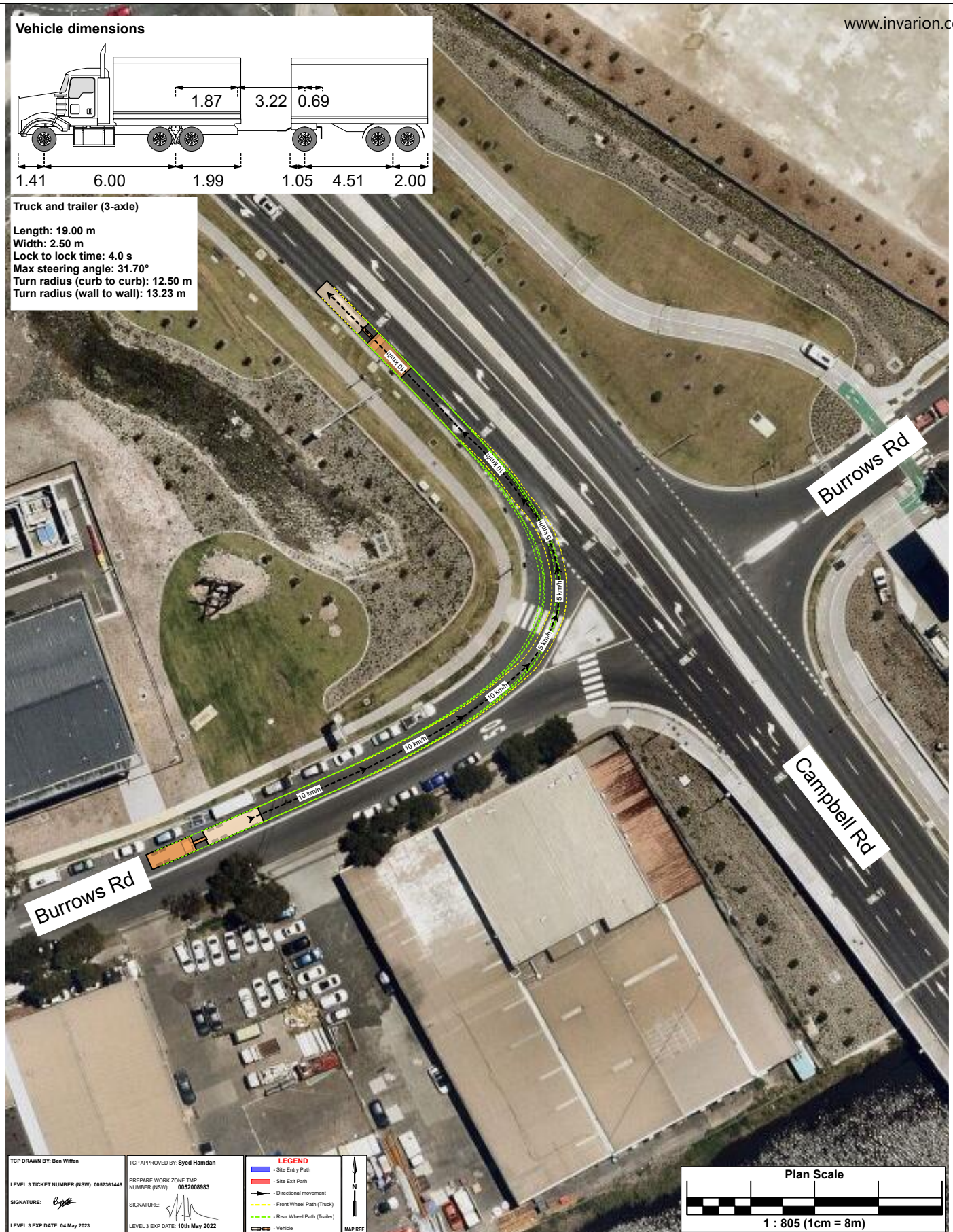
Vehicle dimensions

Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m



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SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

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ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURR-CAMP-SWEPT-TD-005

SHEET NO.: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd, Tempy Truck And Dog Swept Parth Site Entry And Exitt

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1300 TRAFFIC (872 334)
ABN 84 102 788 061

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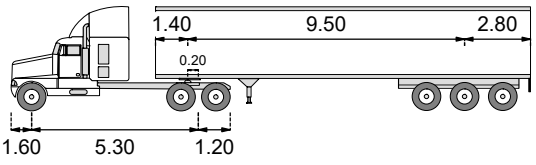
Vehicle dimensions



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Width: 2.50 m
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Princes Hwy

Burrows Rd S

10 km/h
5 km/h
5 km/h
5 km/h
5 km/h
5 km/h
5 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

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ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project: JOHN HOLLAND | SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURROWS-SWEPT-ST-001

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd South, Tempy Semmi-Trailer 19m Swept Parth Site Entry And Exitt

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ABN 84 102 768 061

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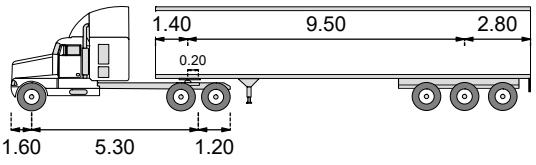
Vehicle dimensions



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Princes Hwy

Burrows Rd S

10 km/h
10 km/h
5 km/h
5 km/h
5 km/h
5 km/h
10 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
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N

MAP REF

Plan Scale

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ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project: JOHN HOLLAND | SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURROWS-SWEPT-ST-002

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd South, Tempy Semmi-Trailer 19m Swept Parth Site Entry And Exitt

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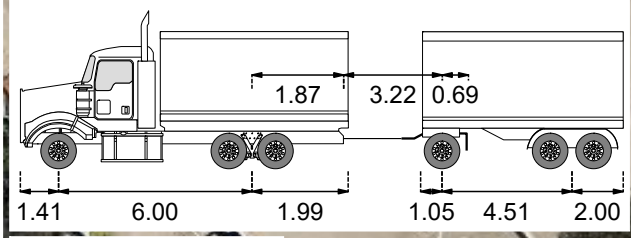

Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
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Princes Hwy

Burrows Rd S

10 km/h
5 km/h
5 km/h
5 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
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MAP REF

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ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURROWS-SWEPT-TD-001

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd South, Tempy Truck And Dog Swept Parth Site Entry And Exitt

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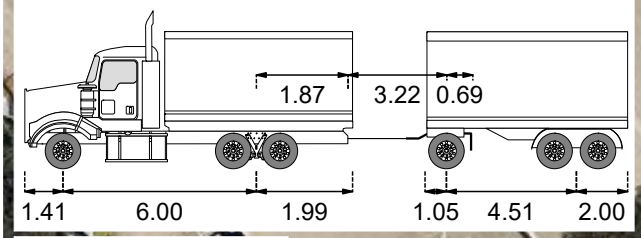

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Princes Hwy

Burrows Rd S

10 km/h
10 km/h
5 km/h
5 km/h
5 km/h
15 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

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SYDNEY GATEWAY

A Joint Venture Project: JOHN HOLLAND / SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURROWS-SWEPT-TD-002

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd South, Tempy Truck And Dog Swept Parth Site Entry And Exitt

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Toll Free (Australia)
1300 TRAFFIC (872 334)
ABN 84 102 768 061

SCI QUAL SCI QUAL

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Vehicle dimensions

Prime mover and semi-trailer

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 27.76°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.26 m

TCP DRAWN BY: Ben Wiffen
LEVEL 3 TICKET NUMBER (NSW): 0052361446
SIGNATURE:
LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan
PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983
SIGNATURE:
LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N
MAP REF

Plan Scale
1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

NOTES:
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SCALE: 1 :1000 (1cm = 10m)
DESIGNED: Benjamin Wiffen DATE: 20/01/2021
APPROVED: Syed Hamdan
DRAWING NUMBER: SYDGW-BURR-SWEPT-ST-001
SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1
TITLE: Burrows Rd, Tempy Semi-Trailer Swept Parth Site Entry And Exitt

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ABN 84 102 768 061
SCI QUAL SCI QUAL

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Prime mover and semi-trailer

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Width: 2.50 m
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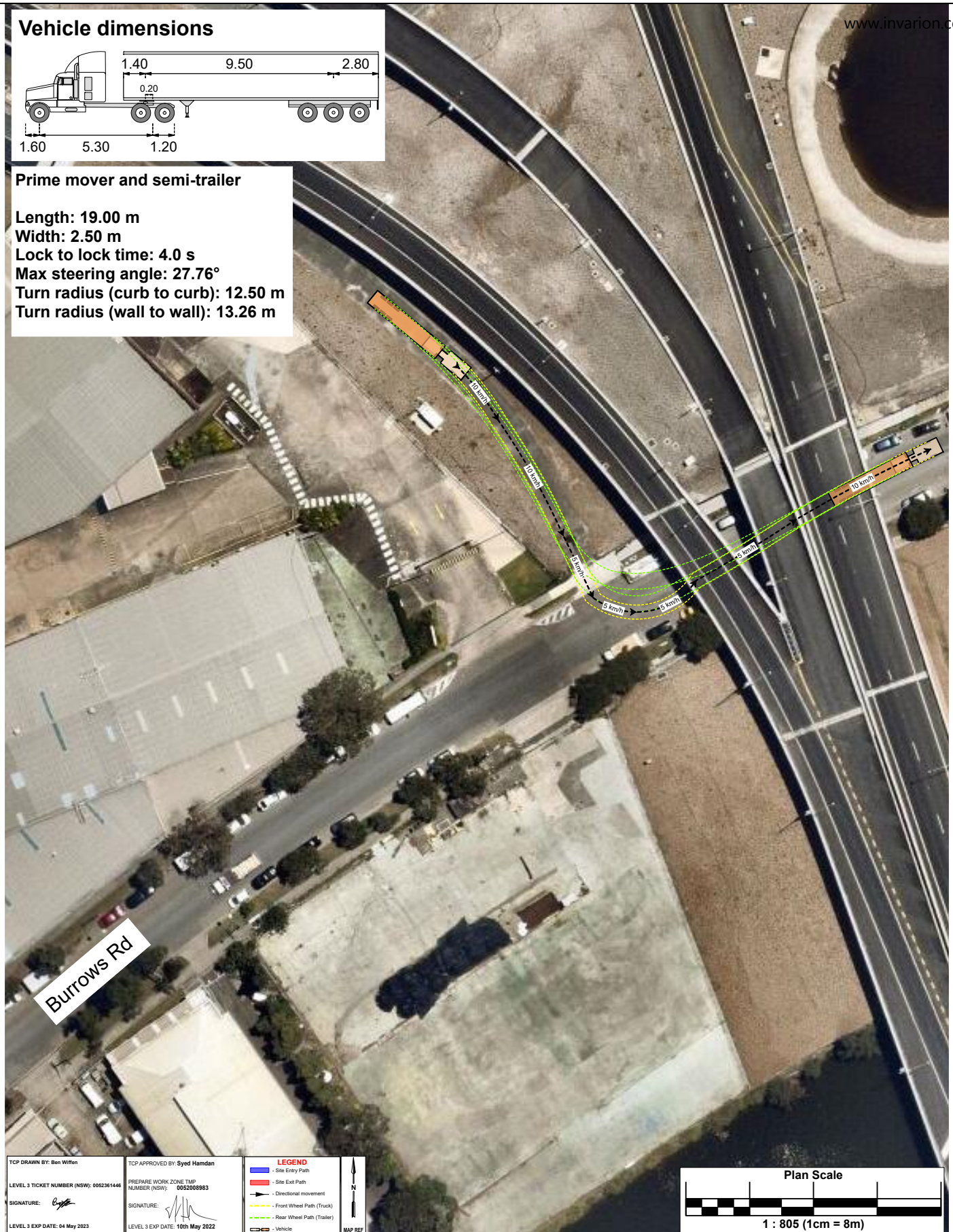
Turn radius (wall to wall): 13.26 m



TCP DRAWN BY: Ben Wiffen
LEVEL 3 TICKET NUMBER (NSW): 0052361446
SIGNATURE:
LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan
PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983
SIGNATURE:
LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N
MAP REF

Plan Scale
1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

NOTES:
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SCALE: 1 :1000 (1cm = 10m)
DESIGNED: Benjamin Wiffen DATE: 20/01/2021
APPROVED: Syed Hamdan
DRAWING NUMBER: SYDGW-BURR-SWEPT-ST-003
SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1
TITLE: Burrows Rd, Tempy Semi-Trailer Swept Parth Site Entry And Exitt

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ABN 84 102 768 061
SCI QUAL SCI QUAL

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Vehicle dimensions

Prime mover and semi-trailer

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 27.76°
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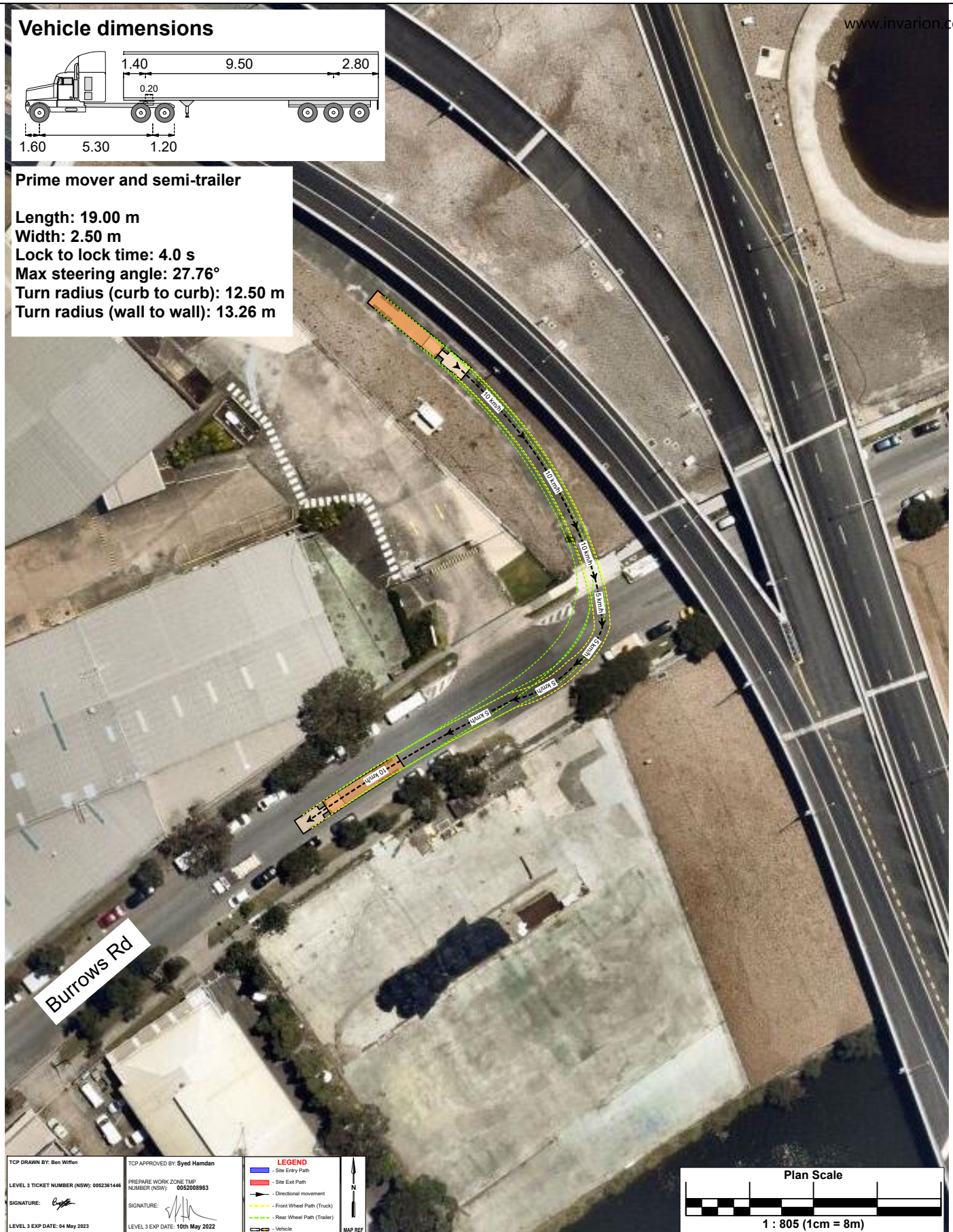
Turn radius (wall to wall): 13.26 m



TCP DRAWN BY: Ben Wiffen
LEVEL 3 TICKET NUMBER (NSW): 0052361446
SIGNATURE:
LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan
PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983
SIGNATURE:
LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N
MAP REF

Plan Scale
1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project
JOHN HOLLAND | SEYMOUR WHYTE

NOTES:
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SCALE: 1 :1000 (1cm = 10m)
DESIGNED: Benjamin Wiffen DATE: 20/01/2021
APPROVED: Syed Hamdan
DRAWING NUMBER: SYDGW-BURR-SWEPT-ST-004
SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1
TITLE: Burrows Rd, Tempy Semi-Trailer Swept Parth Site Entry And Exitt

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1300 TRAFFIC (872 334)
ABN 84 102 768 061
SCI QUAL SCI QUAL

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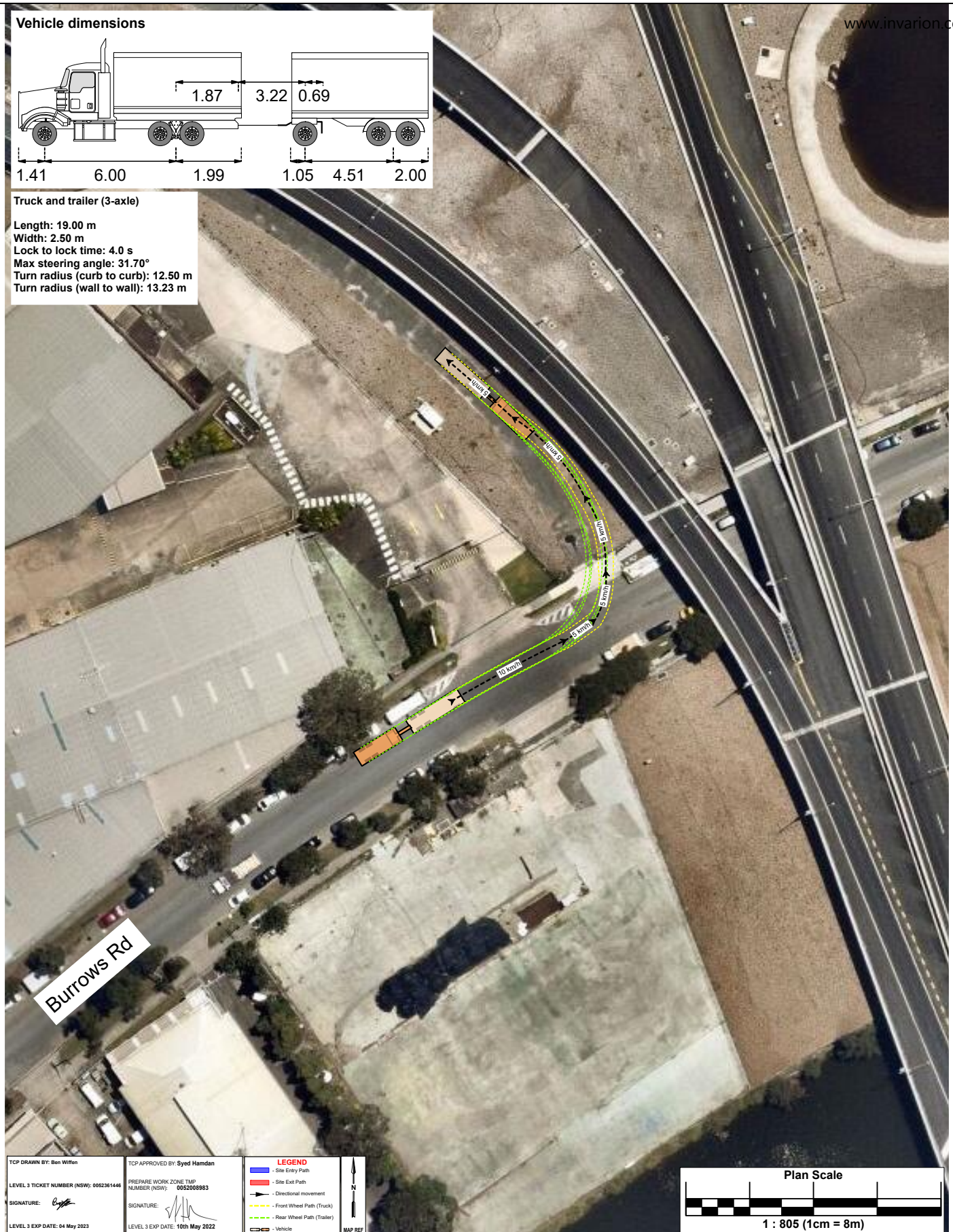
Vehicle dimensions

Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m



TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

NOTES:
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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURR-SWEPT-TD-001

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd, Tempy Truck And Dog Swept Parth Site Entry And Exitt

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ABN 84 102 768 061

SCI QUAL SCI QUAL

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Truck and trailer (3-axle)

Length: 19.00 m
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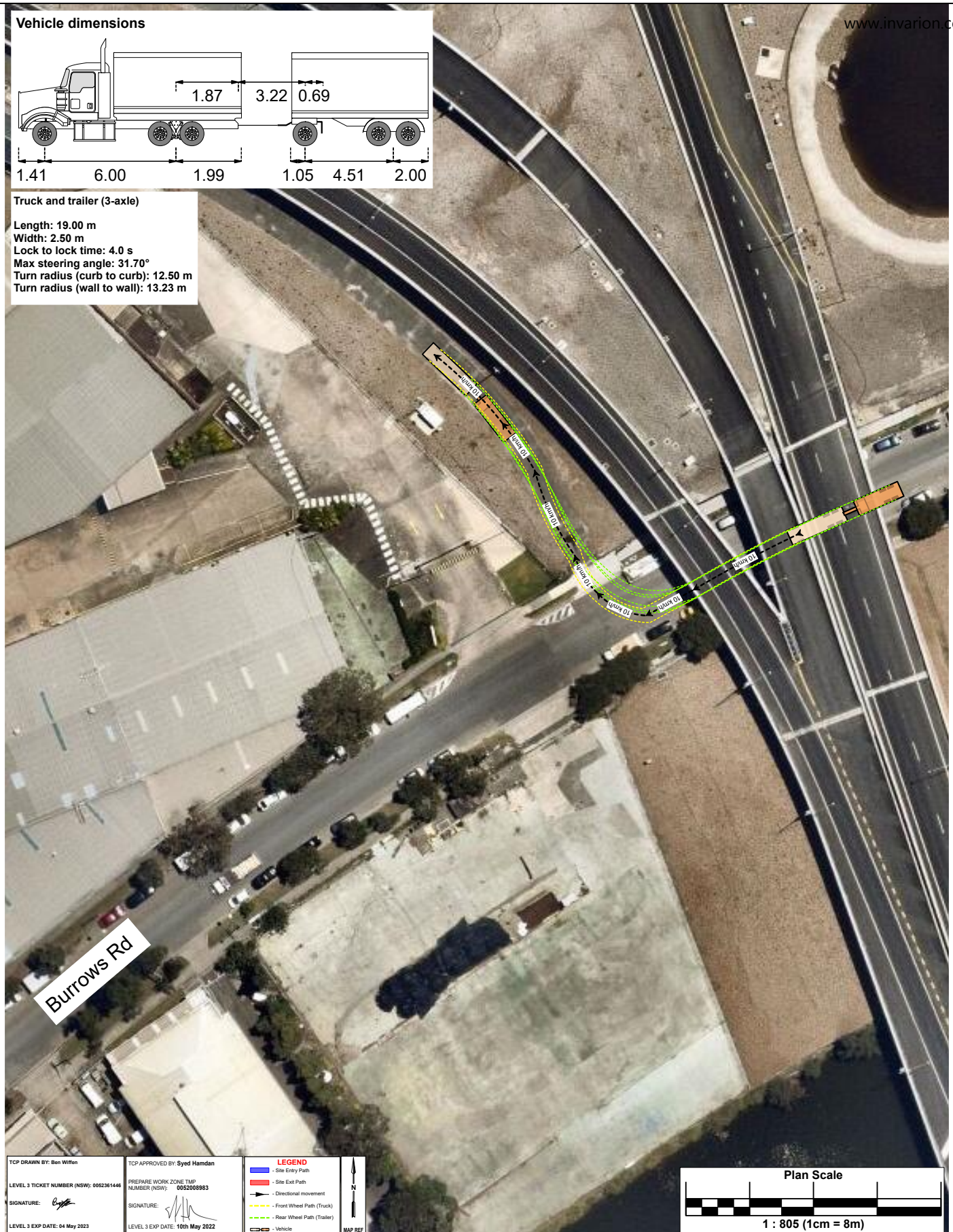

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURR-SWEPT-TD-002

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd, Tempy Truck And Dog Swept Parth Site Entry And Exitt

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SCI QUAL SCI QUAL

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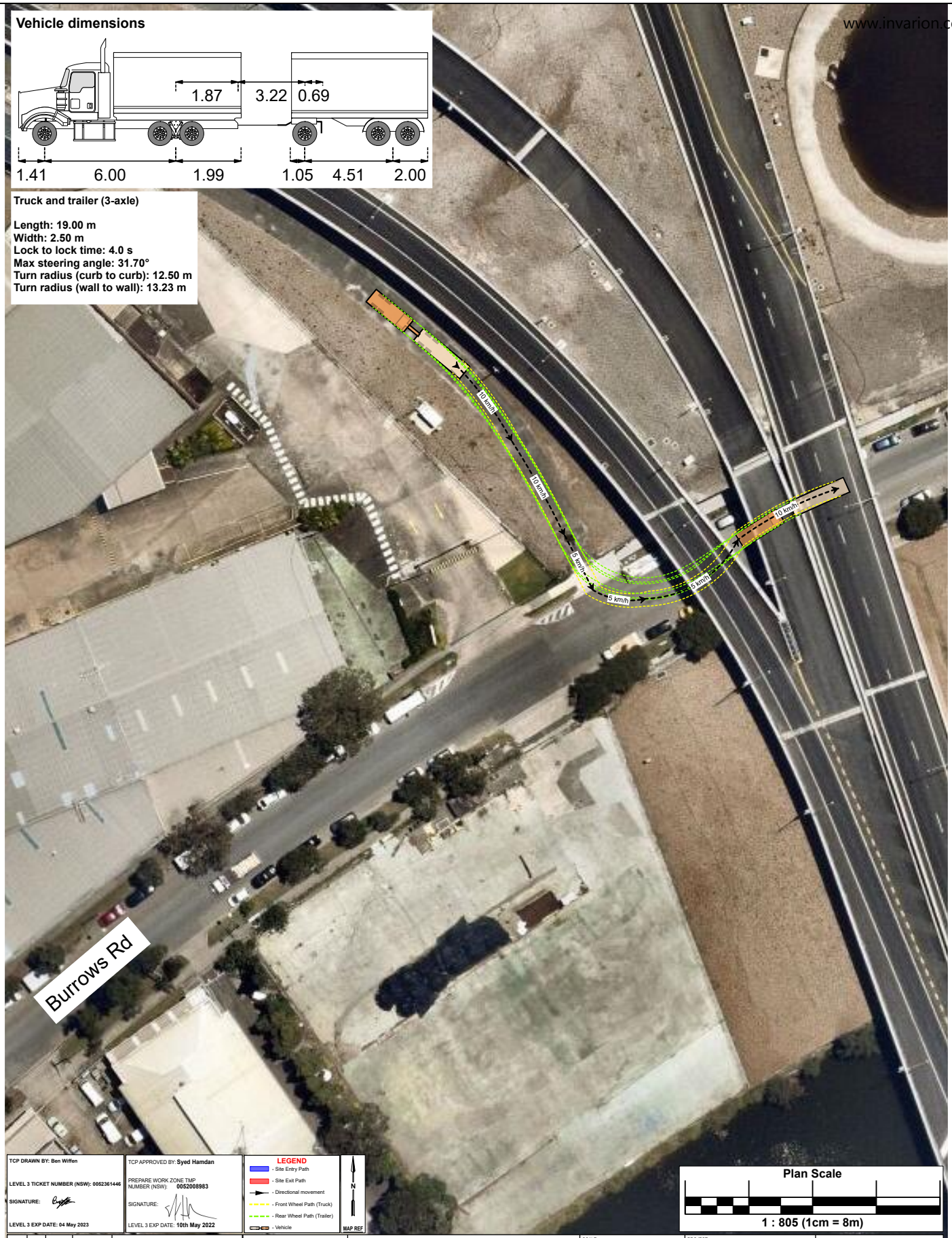

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURR-SWEPT-TD-003

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd, Tempy Truck And Dog Swept Path Site Entry And Exitt

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ABN 84 102 768 061

SCI QUAL SCI QUAL

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Vehicle dimensions

Truck and trailer (3-axle)

Length: 19.00 m
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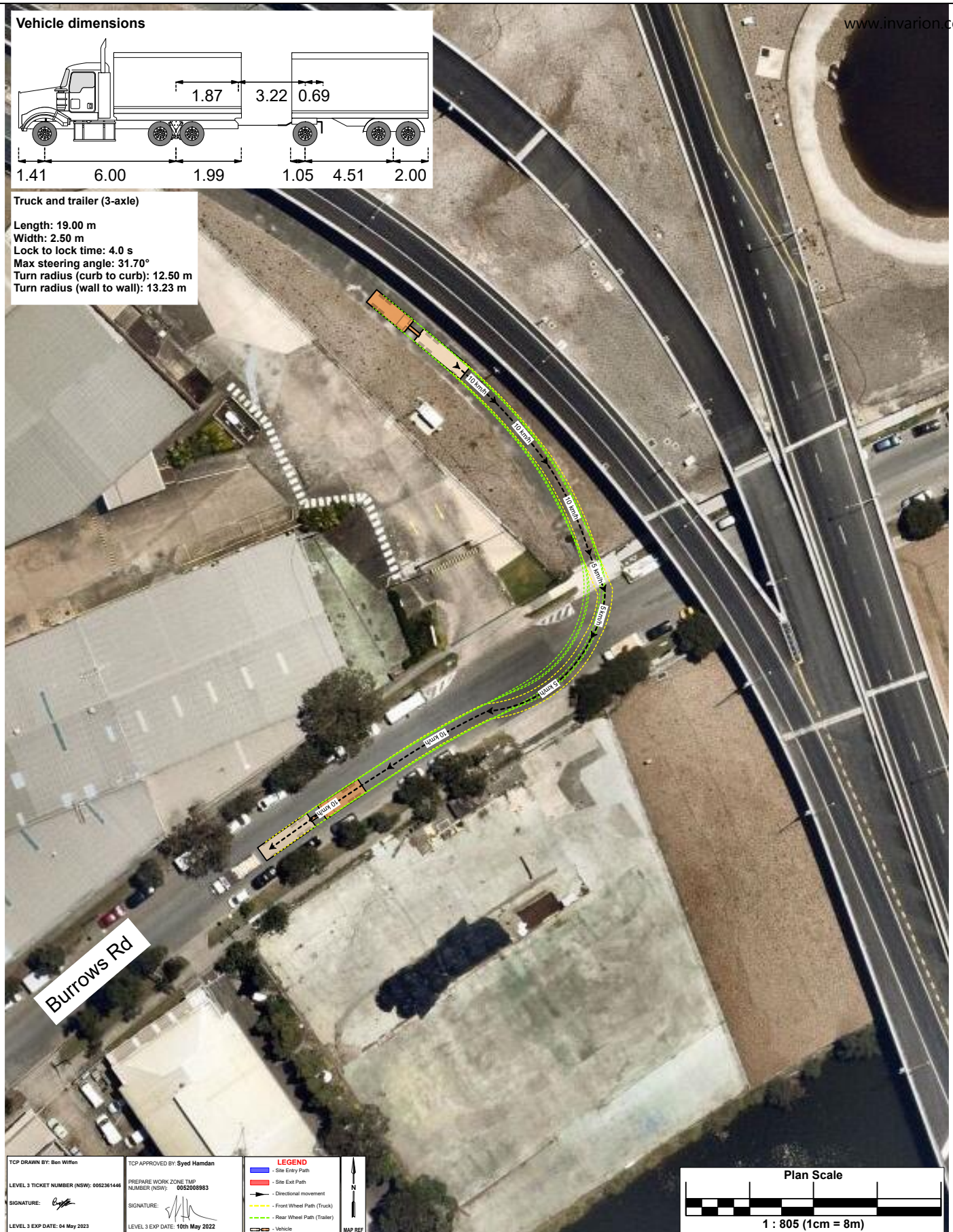
Turn radius (wall to wall): 13.23 m



TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-BURR-SWEPT-TD-004

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Burrows Rd, Tempy Truck And Dog Swept Parth Site Entry And Exitt

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SCI QUAL SCI QUAL

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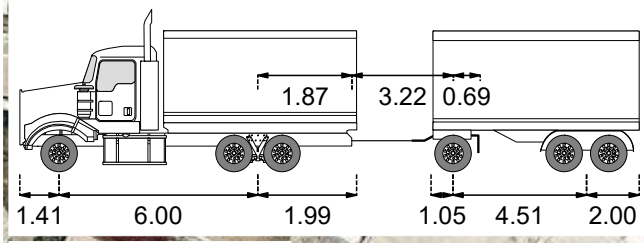
Vehicle dimensions



Truck and trailer (3-axle)

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Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m

Bay St

Holbeach Ave

10 km/h
10 km/h
5 km/h
5 km/h
5 km/h
5 km/h
5 km/h
10 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

NOTES:
- THIS TRAFFIC GUIDANCE SCHEME WAS DEVELOPED BY COMPETENT AND EXPERIENCED PERSONS AND IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED IN AUSTRALIAN STANDARD - AS1742.3 AND THE ROAD MANAGEMENT ACT 2004. BEFORE THE COMMENCEMENT OF ROUTINE SERVICES OR ANY ORDERED WORKS, ALTUS WILL CARRY OUT A RISK ASSESSMENT AND DEVELOP CONTROLS, MEASURES AND PLANS TO IDENTIFY, ELIMINATE OR MITIGATE ANY HAZARDS.
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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-HOLB-SWEPT-TD-001

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Holbeach Ave, Tempy Truck And Dog Swept Path Site Entry And Exit

ALTUS TRAFFIC Safely Managing Risk

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1300 TRAFFIC (872 334)
ABN 84 102 768 061

SCI QUAL SCI QUAL

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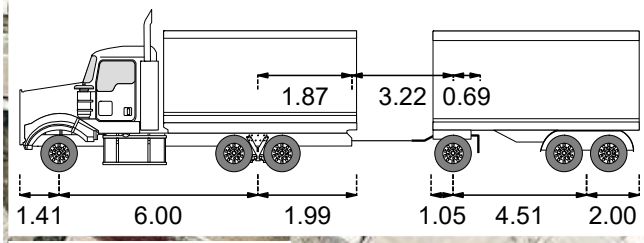
Vehicle dimensions



Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m

Bay St

Holbeach Ave

10 km/h
10 km/h
10 km/h
5 km/h
5 km/h
5 km/h
10 km/h
10 km/h
5 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-HOLB-SWEPT-TD-002

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Holbeach Ave, Tempy Truck And Dog Swept Path Site Entry And Exit

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SCI QUAL SCI QUAL

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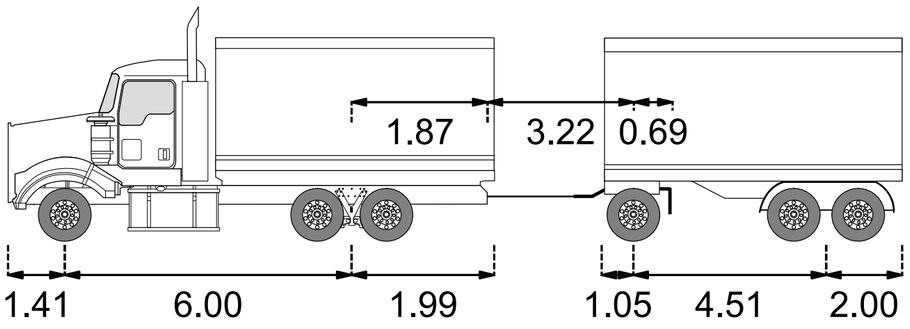
Vehicle dimensions



Truck and trailer (3-axle)

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Width: 2.50 m
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Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m

Bay St

Holbeach Ave

10 km/h
10 km/h
10 km/h
5 km/h
5 km/h
5 km/h
5 km/h
10 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: **Syed Hamdan**

PREPARE WORK ZONE TMP NUMBER (NSW): **0052008983**

SIGNATURE:

LEVEL 3 EXP DATE: **10th May 2022**

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 388 (1cm = 4m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT:
John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project
JOHN HOLLAND
SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-HOLB-SWEPT-TD-002

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Holbeach Ave, Tempy Truck And Dog Swept Parth Site Entry And Exit

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SCI QUAL SCI QUAL

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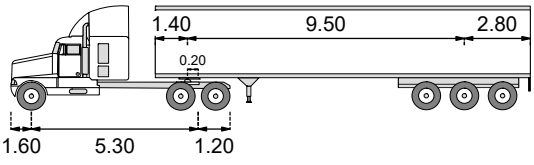
Vehicle dimensions



Prime mover and semi-trailer

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 27.76°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.26 m

Princes Hwy

Princes Hwy

Bellevue St

10 km/h

5 km/h

5 km/h

5 km/h

10 km/h

TCP DRAWN BY: Ben Wiffen	TCP APPROVED BY: Syed Hamdan	LEGEND
LEVEL 3 TICKET NUMBER (NSW): 0052361446	PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983	- Site Entry Path
SIGNATURE:	SIGNATURE:	- Site Exit Path
LEVEL 3 EXP DATE: 04 May 2023	LEVEL 3 EXP DATE: 10th May 2022	- Directional movement
		- Front Wheel Path (Truck)
		- Rear Wheel Path (Trailer)
		- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE:	1 :1000 (1cm = 10m)
DESIGNED:	Benjamin Wiffen 20/01/2021
APPROVED:	Syed Hamdan
DRAWING NUMBER:	SYDGW-PRINC-BELL-SWEPT-ST-001
SHEET NO:	1 Of 1
ISSUE:	00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Semmi-Trailer 19m Swept Parth Site Entry And Exitt

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Toll Free (Australia)
1300 TRAFFIC (872 334)
ABN 84 102 768 061

SCI QUAL SCI QUAL

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Vehicle dimensions

Prime mover and semi-trailer

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 27.76°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.26 m

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

NOTES:
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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-TD-002

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Semmi-Trailer 19m Swept Parth Site Entry And Exitt

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1300 TRAFFIC (872 334)
ABN 84 102 768 061

SCI QUAL SCI QUAL

www.invarion.com

Vehicle dimensions

Prime mover and semi-trailer

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 27.76°
Turn radius (curb to curb): 12.50 m
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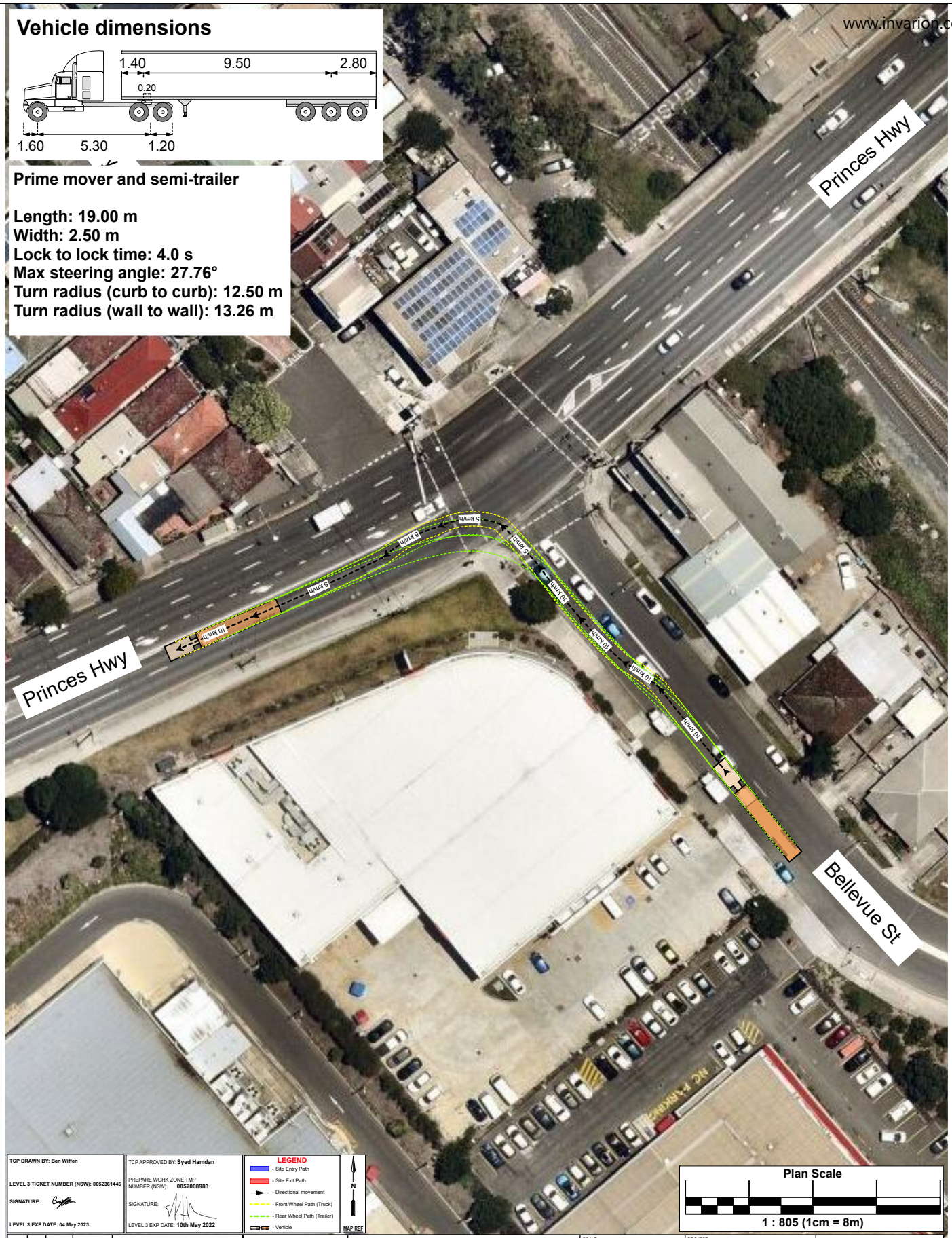

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project
JOHN HOLLAND | SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-ST-003

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Semmi-Trailer 19m Swept Parth Site Entry And Exitt

ALTUS TRAFFIC
Safely Managing Risk

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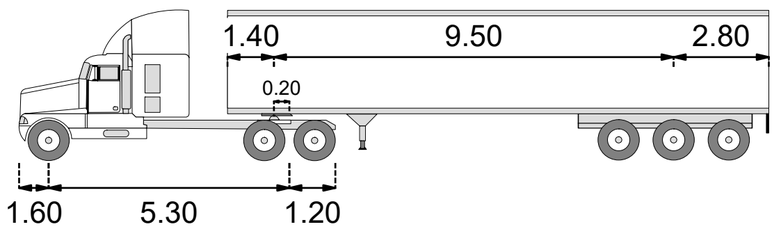
ABN 84 102 768 061

SCI QUAL SCI QUAL

Vehicle dimensions



Prime mover and semi-trailer

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Lock to lock time: 4.0 s
Max steering angle: 27.76°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.26 m

Princes Hwy

Princes Hwy

5 km/h
5 km/h
5 km/h
5 km/h
10 km/h
10 km/h
10 km/h
10 km/h
10 km/h

Bellevue St

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: **Syed Hamdan**

PREPARE WORK ZONE TMP NUMBER (NSW): **0052008983**

SIGNATURE:

LEVEL 3 EXP DATE: **10th May 2022**

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 388 (1cm = 4m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT:
John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project
JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-ST-003

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Semmi-Trailer 19m Swept Parth Site Entry And Exitt

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Safely Managing Risk

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SCI QUAL SCI QUAL

www.invarion.com

Vehicle dimensions

Prime mover and semi-trailer

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
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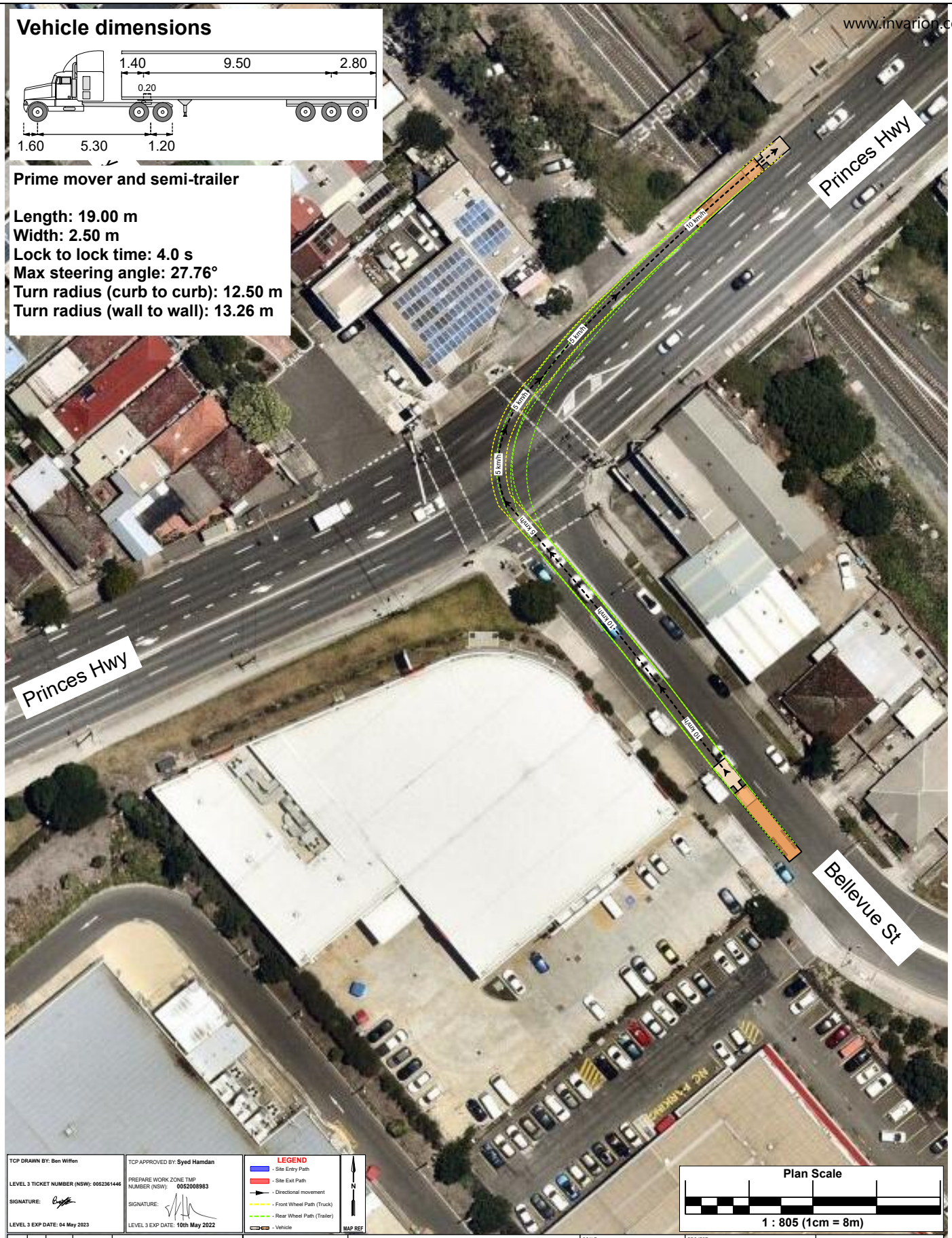
Turn radius (wall to wall): 13.26 m



TCP DRAWN BY: Ben Wiffen
LEVEL 3 TICKET NUMBER (NSW): 0052361446
SIGNATURE:
LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan
PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983
SIGNATURE:
LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N
MAP REF

Plan Scale
1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project
JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)
DESIGNED: Benjamin Wiffen DATE: 20/01/2021
APPROVED: Syed Hamdan
DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-ST-004
SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Semmi-Trailer 19m Swept Parth Site Entry And Exitt

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ABN 84 102 768 061
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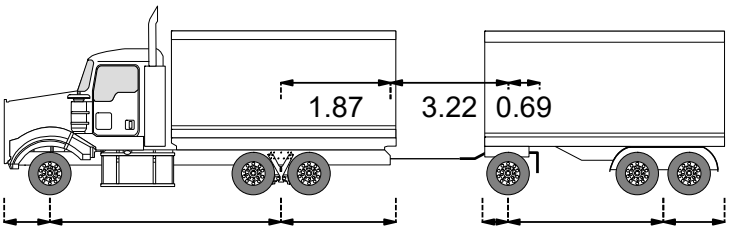
Vehicle dimensions



Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

NOTES:
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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-TD-001

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Truck And Dog Swept Parth Site Entry And Exit

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ABN 84 102 768 061

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Vehicle dimensions

Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
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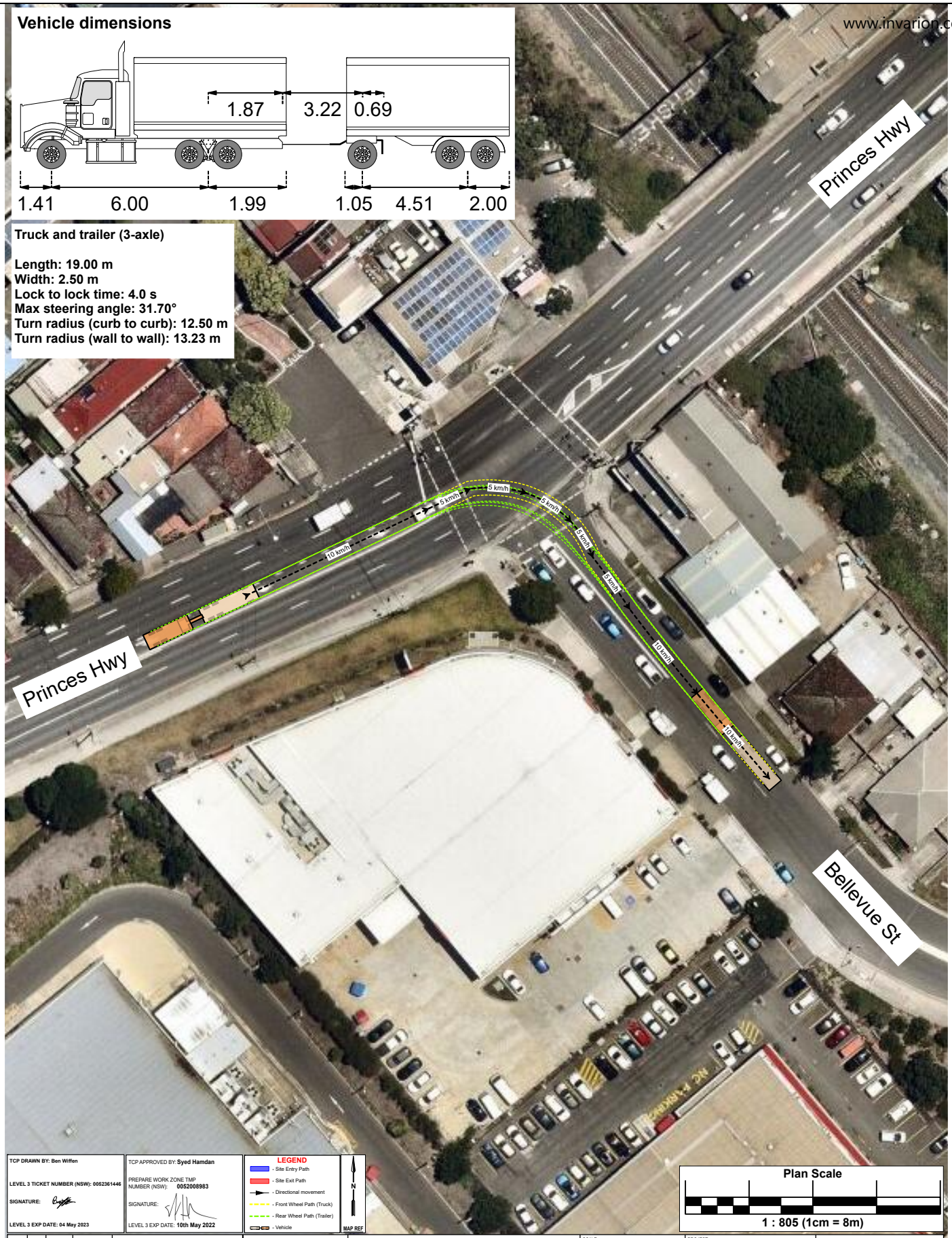

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-TD-002

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Truck And Dog Swept Parth Site Entry And Exit

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Toll Free (Australia)
1300 TRAFFIC (872 334)
ABN 84 102 768 061

SCI QUAL SCI QUAL

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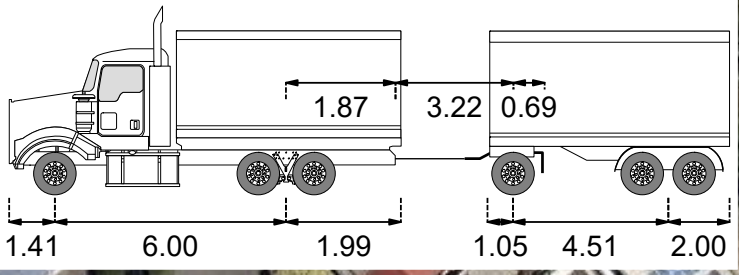
Vehicle dimensions



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Turn radius (curb to curb): 12.50 m
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Princes Hwy

Princes Hwy

Bellevue St

5 km/h
5 km/h
5 km/h
5 km/h
5 km/h
10 km/h
10 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-TD-003

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Bellevue St, Tempy Truck And Dog Swept Parth Site Entry And Exit

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ABN 84 102 768 061

SCI QUAL SCI QUAL

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Vehicle dimensions

Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
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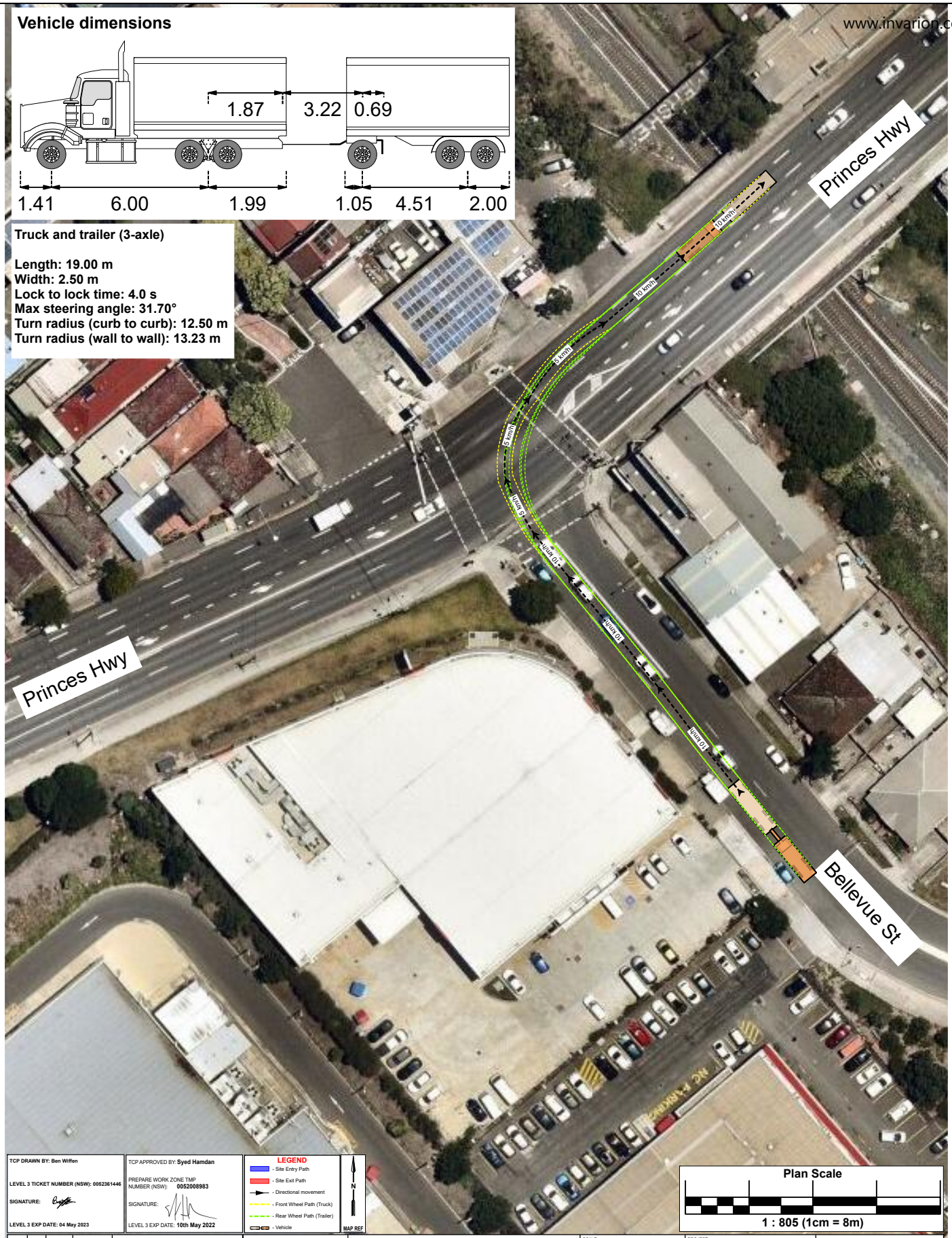

TCP DRAWN BY: Ben Wiffen
LEVEL 3 TICKET NUMBER (NSW): 0052361446
SIGNATURE:
LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan
PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983
SIGNATURE:
LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N
MAP REF

Plan Scale
1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY
A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)
DESIGNED: Benjamin Wiffen DATE: 20/01/2021
APPROVED: Syed Hamdan
DRAWING NUMBER: SYDGW-PRINC-BELL-SWEPT-TD-004
SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1
TITLE: Princes Hwy / Bellevue St, Tempy Truck And Dog Swept Parth Site Entry And Exit

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Toll Free (Australia)
1300 TRAFFIC (872 334)
ABN 84 102 768 061
SCI QUAL SCI QUAL

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Vehicle dimensions

Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-HOLB-SWEPT-TD-001

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Holbeach Ave, Tempy Truck And Dog Swept Parth Site Entry And Exit

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ABN 84 102 768 061

SCI QUAL SCI QUAL

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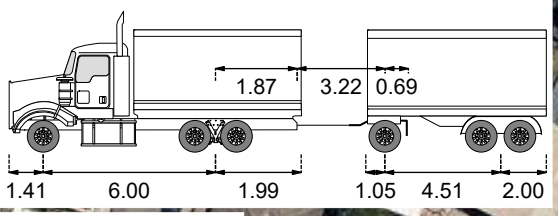
Vehicle dimensions



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Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
Max steering angle: 31.70°
Turn radius (curb to curb): 12.50 m
Turn radius (wall to wall): 13.23 m

Princes Hwy

Bay St

Holbeach Ave

5 km/h
5 km/h
5 km/h
5 km/h
5 km/h
10 km/h
10 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND

- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-HOLB-SWEPT-TD-002

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Holbeach Ave, Tempy Truck And Dog Swept Parth Site Entry And Exit

ALTUS TRAFFIC Safely Managing Risk

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ABN 84 102 768 061

SCI QUAL SCI QUAL

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Vehicle dimensions

Truck and trailer (3-axle)

Length: 19.00 m
Width: 2.50 m
Lock to lock time: 4.0 s
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Turn radius (wall to wall): 13.23 m

TCP DRAWN BY: Ben Wiffen

LEVEL 3 TICKET NUMBER (NSW): 0052361446

SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

TCP APPROVED BY: Syed Hamdan

PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

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DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-HOLB-SWEPT-TD-003

SHEET NO: 1 Of 1 ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Holbeach Ave, Tempy Truck And Dog Swept Parth Site Entry And Exit

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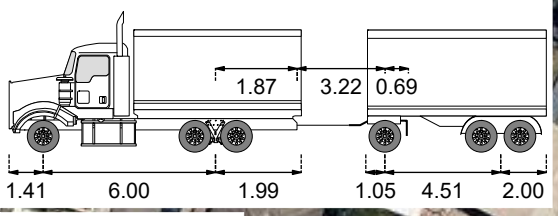

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Turn radius (wall to wall): 13.23 m

Princes Hwy

Bay St

Holbeach Ave

5 km/h
10 km/h

TCP DRAWN BY: Ben Wiffen

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SIGNATURE:

LEVEL 3 EXP DATE: 04 May 2023

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PREPARE WORK ZONE TMP NUMBER (NSW): 0052008983

SIGNATURE:

LEVEL 3 EXP DATE: 10th May 2022

LEGEND
- Site Entry Path
- Site Exit Path
- Directional movement
- Front Wheel Path (Truck)
- Rear Wheel Path (Trailer)
- Vehicle

N

MAP REF

Plan Scale

1 : 805 (1cm = 8m)

ISSUE	DESG	APPD	DATE	AMENDMENT DESCRIPTION

CLIENT: John Holland And Seymour Whyte Joint Venture

SYDNEY GATEWAY

NOTES:
- THIS TRAFFIC GUIDANCE SCHEME WAS DEVELOPED BY COMPETENT AND EXPERIENCED PERSONS AND IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED IN AUSTRALIAN STANDARD - AS1742.3 AND THE ROAD MANAGEMENT ACT 2004. BEFORE THE COMMENCEMENT OF ROUTINE SERVICES OR ANY ORDERED WORKS, ALTUS WILL CARRY OUT A RISK ASSESSMENT AND DEVELOP CONTROLS, MEASURES AND PLANS TO IDENTIFY, ELIMINATE OR MITIGATE ANY HAZARDS.
- THIS PLAN WAS DEVELOPED TO ALLOW FOR THE SAFE MOVEMENT OF VEHICULAR AND PEDESTRIAN TRAFFIC AROUND THE WORKSITE. THE PROTECTION OF WORKERS FROM PASSING TRAFFIC, THE PROVISION FOR ACCESS TO PROPERTIES LOCATED WITHIN THE LIMITS OF THE WORKSITE, THE IMPLEMENTATION, MAINTENANCE AND REMOVAL OF ANY NECESSARY TEMPORARY ROADWAYS AND DETOURS, THE PROVISION OF TRAFFIC CONTROLLERS, THE INSTALLATION OF TEMPORARY SIGNS, TEMPORARY ROAD DELINEATION, AND ANY OTHER SAFETY MEASURES OR CONTROLS SUCH AS SAFETY BARRIERS WHEN REQUIRED.
- ALTUS TRAFFIC DOES NOT ACCEPT RESPONSIBILITY FOR COMPLIANCE OF THIS PLAN WHEN IMPLEMENTED OR MONITORED BY EXTERNAL PARTIES.
- THIS PLAN IS NOT TO SCALE AND IS A REPRESENTATION ONLY AFTER A JOB SAFETY ANALYSIS IS COMPLETED ON SITE CHANGES MAY BE MADE BY ACCREDITED PERSONS. ALL AMENDMENTS WILL BE OUTLINED AND RECORDED IN A WORKSITE DIARY / SWMS FORM

SCALE: 1 :1000 (1cm = 10m)

DESIGNED: Benjamin Wiffen DATE: 20/01/2021

APPROVED: Syed Hamdan

DRAWING NUMBER: SYDGW-PRINC-HOLB-SWEPT-TD-004

SHEET NO: 1 Of 1

ISSUE: 00

PROJECT: Sydney Gateway Project, Mascot Stage 1

TITLE: Princes Hwy / Holbeach Ave, Tempy Truck And Dog Swept Parth Site Entry And Exit

ALTUS TRAFFIC
Safely Managing Risk

Call Altus Traffic
Toll Free (Australia)
1300 TRAFFIC (872 334)
ABN 84 102 768 061

SCI QUAL SCI QUAL

Appendix B Preliminary Staging Plans

Transport Roads & Maritime Services

CITY OF SYDNEY, INNER WEST & BAYSIDE COUNCILS
NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000, 2000 AND 3000 - TRAFFIC STAGING
DEVELOPED CONCEPT DESIGN

LOCALITY PLAN
NOT TO SCALE

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
150mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME C:\12d\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-00-GE-0001.dwg		LINEAR REFERENCING DESIGN_MODEL		PLOT DATE / TIME 22/01/2021 4:05:01 PM	PLOT BY Kate Mercer	CLIENT Transport Roads & Maritime Services	CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE SYDNEY GATEWAY ZONE 1000, 2000 AND 3000 - TRAFFIC STAGING
QR CODE / SCAN TO CHECK DOCUMENT VER.	DESIGNED SIGNED NAME B.VELLA TITLE DATE 21.01.21	REVIEWED SIGNED NAME G.SMITH TITLE DATE 21.01.21	APPROVED SIGNED NAME TITLE DATE	VALIDATION AND ACCEPTANCE OF THESE DRAWINGS AND THE DESIGN SHOWN THEREON IS TO BE CARRIED OUT UNDER SEPARATE PROCESS			RMS PROJECT No. / DESIGN PROJECT No. RMS REGISTRATION No. / PART ISSUE STATUS: DEVELOPED CONCEPT DESIGN / EDMS No. / SHEET No.: TS-DRW-0001 / ISSUE: 01 A3

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GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. COORDINATE CONTROL IS TO MAP GRID OF AUSTRALIA (MGA) ZONE 56. REDUCED LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
3. ALL SURVEY CONTROL MARKS, PERMANENT MARKS AND STATE SURVEY MARKS MUST BE PRESERVED. WHERE DISTURBANCE OF A SURVEY MARK OCCURS OR IS UNAVOIDABLE, ADVICE MUST BE SOUGHT FROM A SURVEYOR AUTHORISED BY THE SURVEYOR-GENERAL OR A SURVEYOR ENGAGED BY A NSW PUBLIC SURVEY AUTHORITY NOTING THAT A REPLACEMENT MARK OR MARKS MAY NEED TO BE INSTALLED.
4. ANY UTILITY INFORMATION SHOWN IN THESE DRAWINGS DOES NOT DEPICT ANY MORE THAN THE PRESENCE OF A SERVICE BASED ON AVAILABLE DOCUMENTARY EVIDENCE. THE PRESENCE OF A UTILITY SERVICE, ITS SIZE AND LOCATION SHALL BE CONFIRMED BY FIELD INSPECTION PRIOR TO THE COMMENCEMENT OF WORKS AND THE RELEVANT UTILITY PLANS OBTAINED BY DIALLING PH 1100 OR FAX 1300 652 077 (DIAL BEFORE YOU DIG). CAUTION SHOULD BE EXERCISED WHEN WORKING IN THE VICINITY OF ALL UTILITY SERVICES.
5. ALL MATERIALS AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH THE RELEVANT TFNSW SYDNEY GATEWAY D&C SPECIFICATIONS FOR THE WORK.

TEMPORARY BARRIERS AND FENCING

1. SAFETY BARRIER SYSTEMS MUST BE INSTALLED IN ACCORDANCE WITH “RMS SAFETY BARRIER SYSTEMS ACCEPTANCE CONDITIONS”.
2. CONSTRUCTION STAGING DESIGN HAS ADOPTED:
   - 2.1. SYSTEM WIDTH: 0.6M
   - 2.2. DYNAMIC DEFLECTION: 0.5M
   - 2.3. WORKING WIDTH: 1.1M
3. BARRIER WORKING WIDTH TO BE DELINEATED WHERE PEDESTRIAN PATHS OR SHARED PATHS ARE TO BE LOCATED ADJACENT TO TEMPORARY BARRIERS.
4. WHERE BARRIERS MUST BE LOCATED BEHIND THE KERB, FACE OF BARRIER TO BE MINIMUM 0.3M BEHIND THE FACE OF THE KERB AS PER TCAWS SECTION 3.3.11.

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-00-GE-0021.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 22/01/2021 4:05:21 PM

PLOT BY: Kate Mercer

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		X-0246-00-GE TITLEBLOCK-RMS-A3 X-0246-00-GE NOTES	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
NOTES

A3

SHEET 1 OF 1

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: TS-DRW-0021

ISSUE: 01

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TS-DRW-0021	ZONE 1000, 2000 AND 3000 - TRAFFIC STAGING	NOTES	1 OF 1	01
TS-DRW-2011	ZONE 1000 - TRAFFIC STAGING	DRAWING INDEX	1 OF 1	01
TS-DRW-2051	ZONE 1000 - TRAFFIC STAGING	TYPICAL SECTIONS	1 OF 2	01
TS-DRW-2052	ZONE 1000 - TRAFFIC STAGING	TYPICAL SECTIONS	2 OF 2	01
TS-DRW-2101	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - GENERAL ARRANGEMENT	1 OF 1	01
TS-DRW-2111	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - PLAN	1 OF 6	01
TS-DRW-2112	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - PLAN	2 OF 6	01
TS-DRW-2113	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - PLAN	3 OF 6	01
TS-DRW-2114	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - PLAN	4 OF 6	01
TS-DRW-2115	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - PLAN	5 OF 6	01
TS-DRW-2116	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - PLAN	6 OF 6	01
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TS-DRW-2132	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - LONGITUDINAL SECTIONS	2 OF 7	01
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TS-DRW-2152	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	2 OF 25	01
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TS-DRW-2162	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	12 OF 25	01
TS-DRW-2163	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	13 OF 25	01
TS-DRW-2164	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	14 OF 25	01
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TS-DRW-2169	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	19 OF 25	01
TS-DRW-2170	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	20 OF 25	01
TS-DRW-2171	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	21 OF 25	01
TS-DRW-2172	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	22 OF 25	01
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TS-DRW-2174	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	24 OF 25	01
TS-DRW-2175	ZONE 1000 - TRAFFIC STAGING	PHASE 1A - CROSS SECTIONS	25 OF 25	01

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SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together @ VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:05:10 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
DRAWING INDEX

A3

SHEET 1 OF 1

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2011
ISSUE: 01

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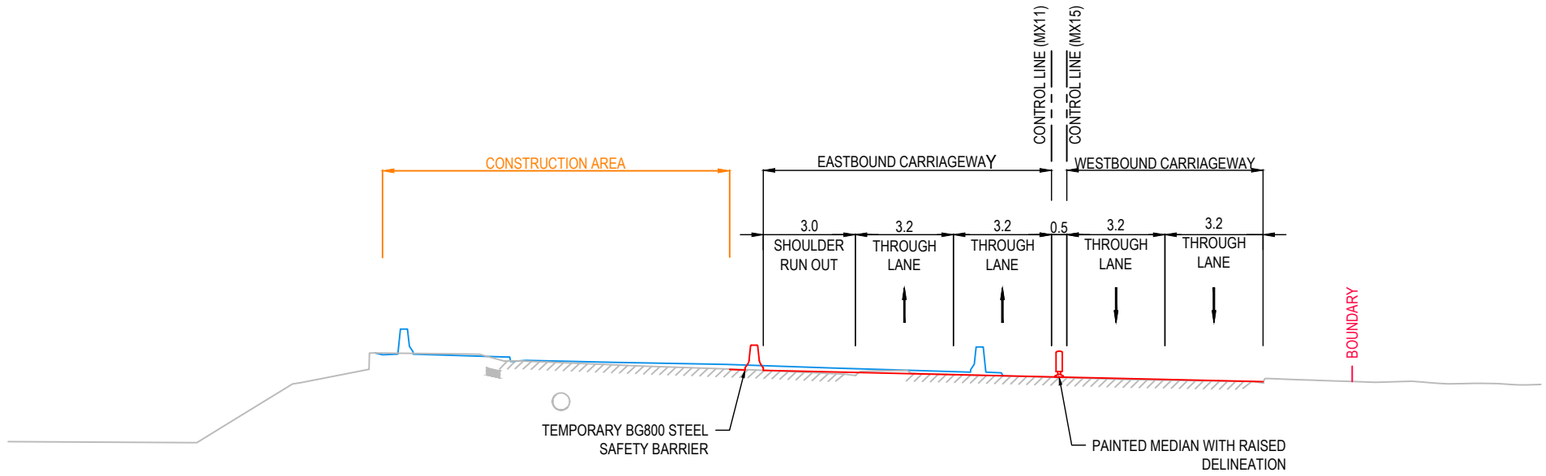
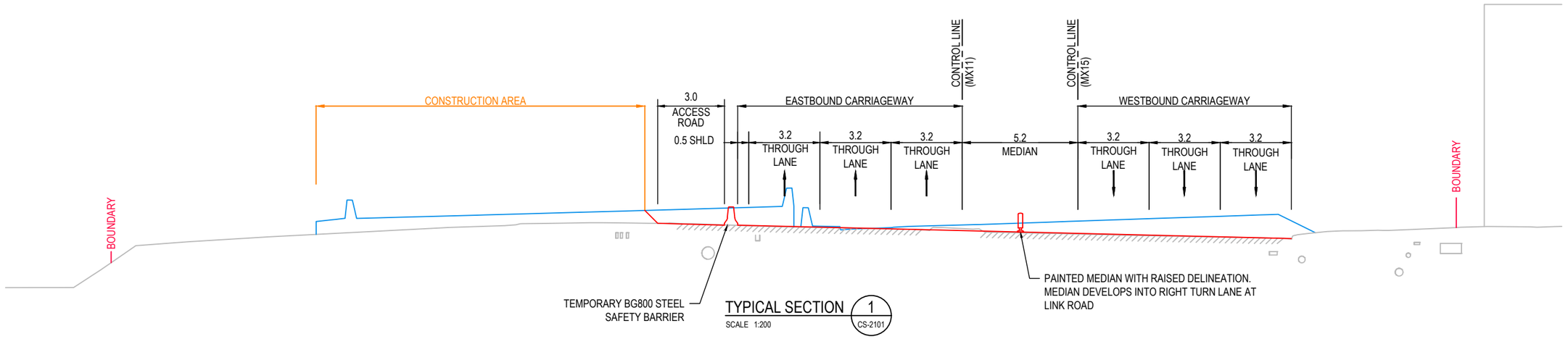
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 2
SCALE 1:200 CS-2101

ZONE 1000 - PHASE 1A
AIRPORT DRIVE (MX11) CH 440



TYPICAL SECTION 1
SCALE 1:200 CS-2101

ZONE 1000 - PHASE 1A
AIRPORT DRIVE (MX11) CH 200

NOT FOR CONSTRUCTION

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SCALES ON A3 SIZE DRAWING: SCALE 1:200 (2 0 2 4) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:13:12 PM PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
TYPICAL SECTIONS

A3

SHEET 1 OF 3

RMS REGISTRATION No.: PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN EDMS No.: SHEET No.: TS-DRW-2051 ISSUE: D1

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LEGEND

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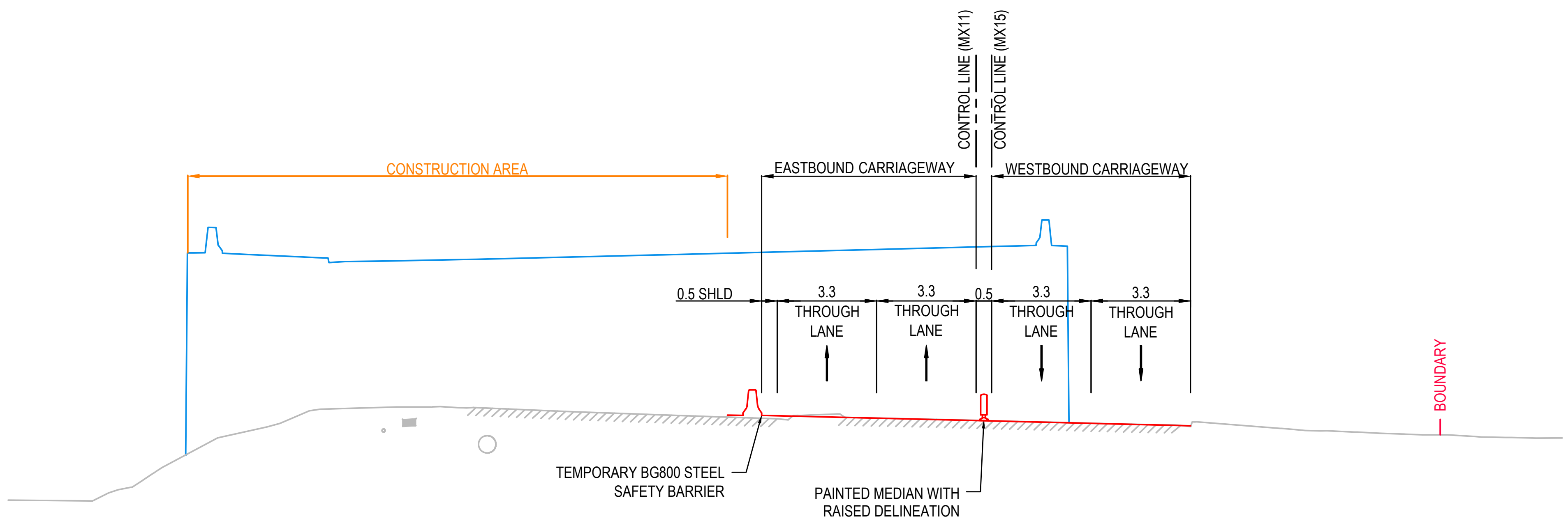
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 3
SCALE 1:200 CS-2101

ZONE 1000 - PHASE 1A
AIRPORT DRIVE (MX11) CH 560

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50mm ON A3 SIZE ORIGINAL

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			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:200 (2 0 2 4) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:13:13 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
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DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
TYPICAL SECTIONS

A3

SHEET 2 OF 3

RMS REGISTRATION No.
PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2052
ISSUE: 01

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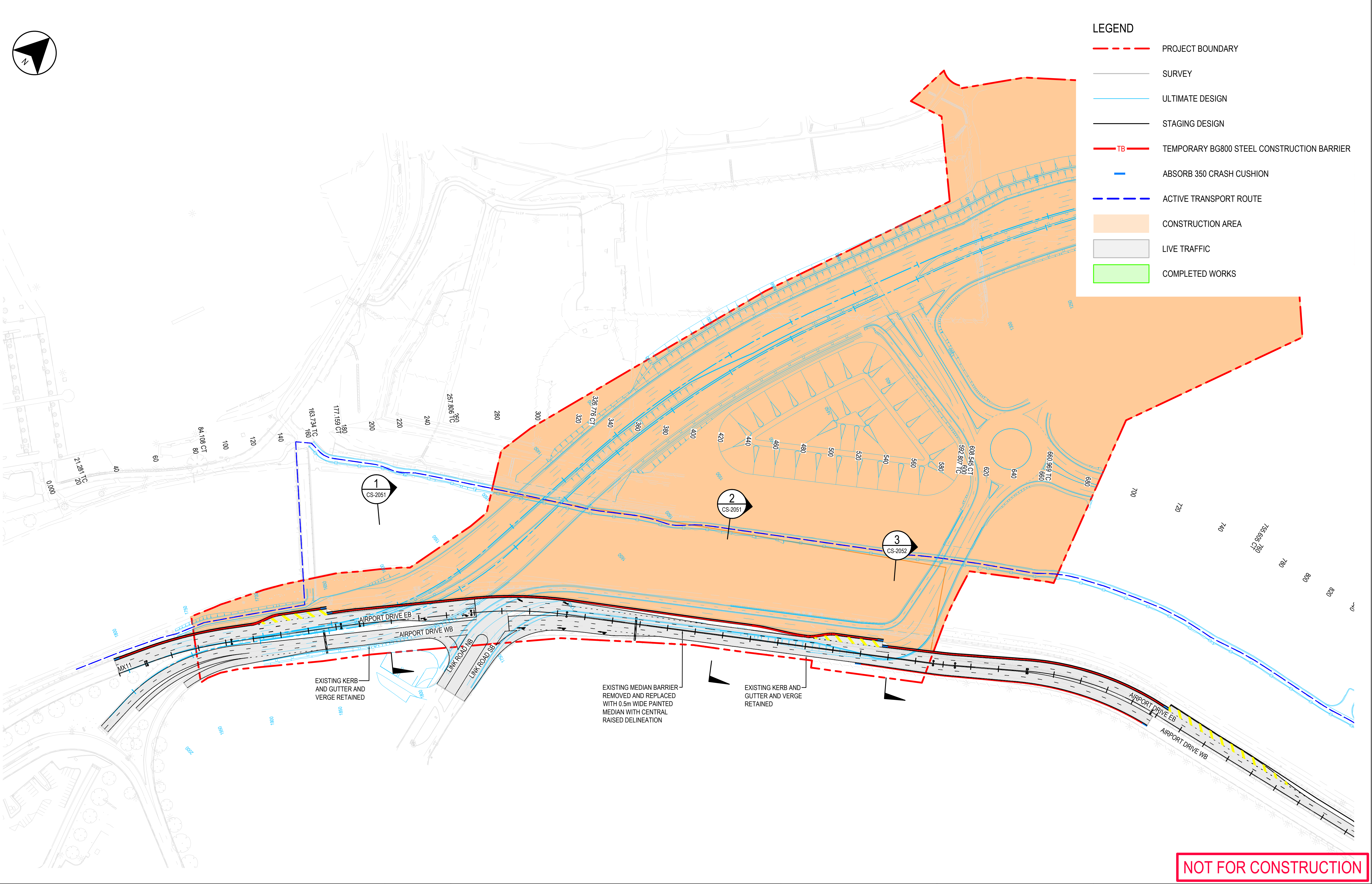

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50mm ON A3 SIZE ORIGINAL

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SCALES ON A3 SIZE DRAWING

SCALE 1:2500 — 25 0 25 50 — AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND / SEYMOUR WHYTE together @ VINCI / TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:13:34 PM

PLOT BY: Kate Mercer

TITLE	NAME	DATE
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DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
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CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
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MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - GENERAL ARRANGEMENT

A3

SHEET 1 OF 1

RMS REGISTRATION No.

PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		TS-DRW-2101	01

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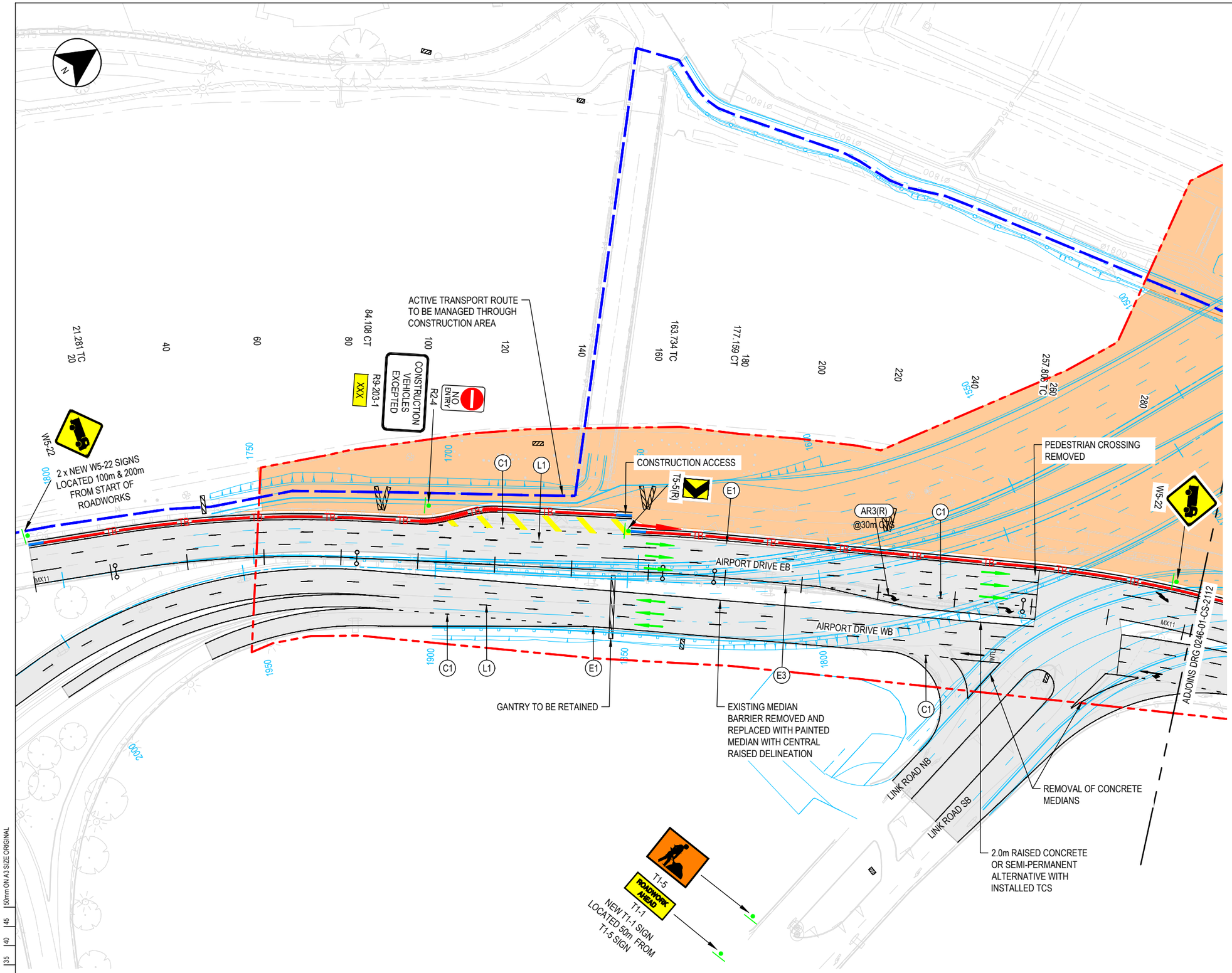


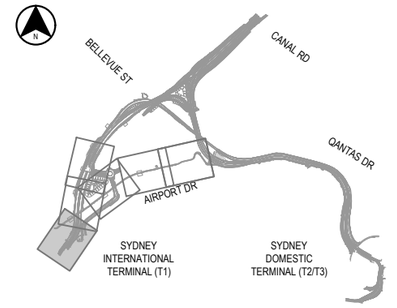
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- STAGING DESIGN
- TEMPORARY BG800 STEEL CONSTRUCTION BARRIER (TB)
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- XXX — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- EVSLS - ELECTRONIC VARIABLE SPEED LIMIT SIGN
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2111-2116.dwg			22/01/2021 4:57:16 PM	Kate Mercer	NSW GOVERNMENT Transport Roads & Maritime Services	CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE SYDNEY GATEWAY ZONE 1000 - TRAFFIC STAGING PHASE 1A - PLAN A3 SHEET 1 OF 6

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY
SCALE 1:1000 (10 0 10 20 AT A3)	DESIGNER: JOHN HOLLAND / SEYMOUR WHYTE / TURNBULL ENGINEERING
CO-ORDINATE SYSTEM: MGA ZONE 56	HEIGHT DATUM: AHD

	NAME	DATE
TITLE		
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2111 | ISSUE: 01

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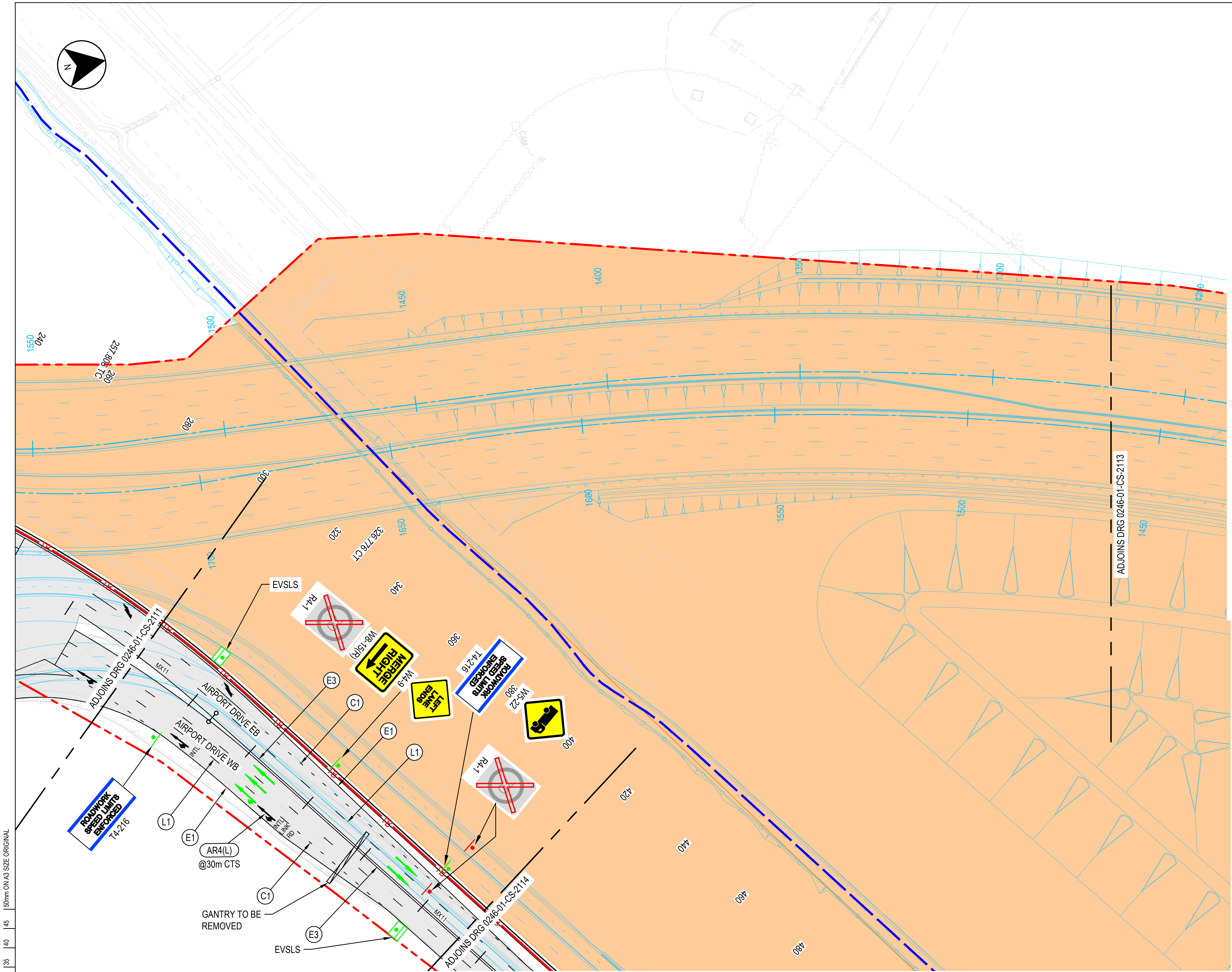


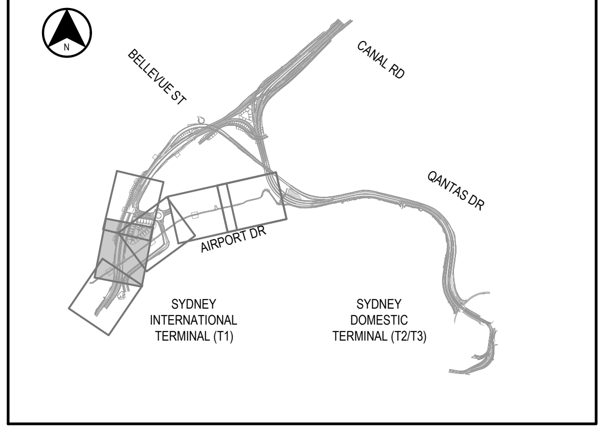
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- STAGING DESIGN
- TB TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- XXX CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS PAVEMENT ARROW TAG
- L1 LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- EVSLS - ELECTRONIC VARIABLE SPEED LIMIT SIGN
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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PLOT BY	Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:1000 (0–20, AT A3)

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - PLAN

A3 — SHEET 2 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. TS-DRW-2112 — ISSUE 01

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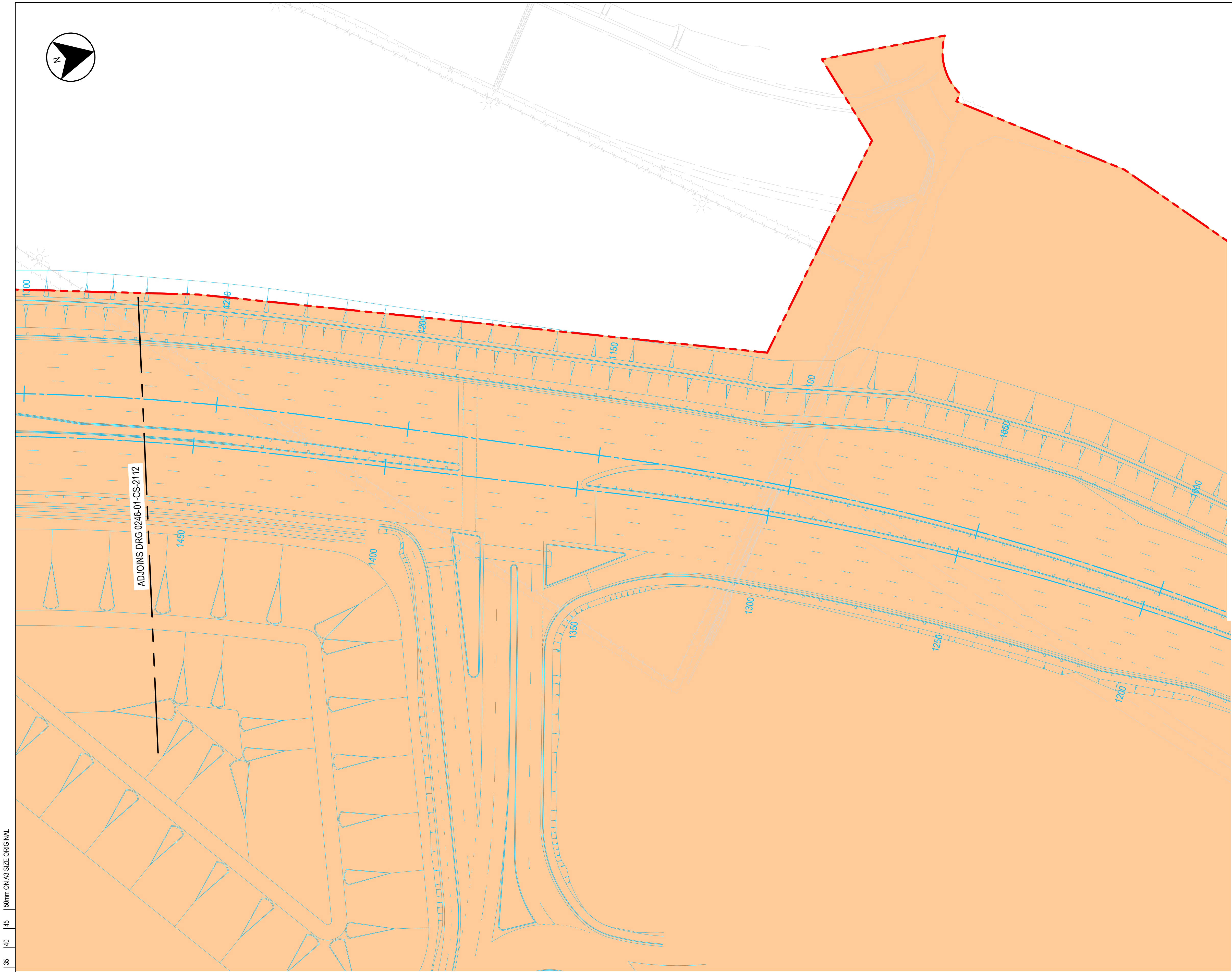

LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
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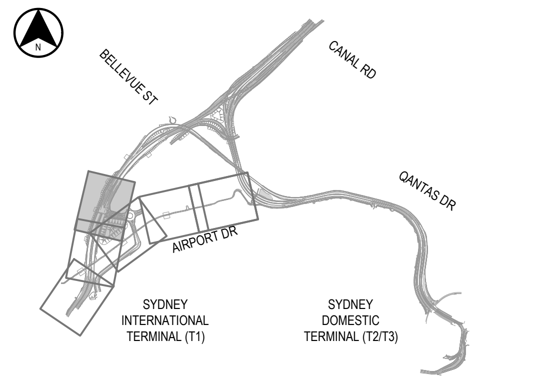
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- XXX — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- EVSLS - ELECTRONIC VARIABLE SPEED LIMIT SIGN
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2111-2116.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 22/01/2021 4:57:41 PM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:1000 (10 0 10 20) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - PLAN

A3

SHEET 3 OF 6

PART

RMS REGISTRATION No.

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: TS-DRW-2113

ISSUE: 01

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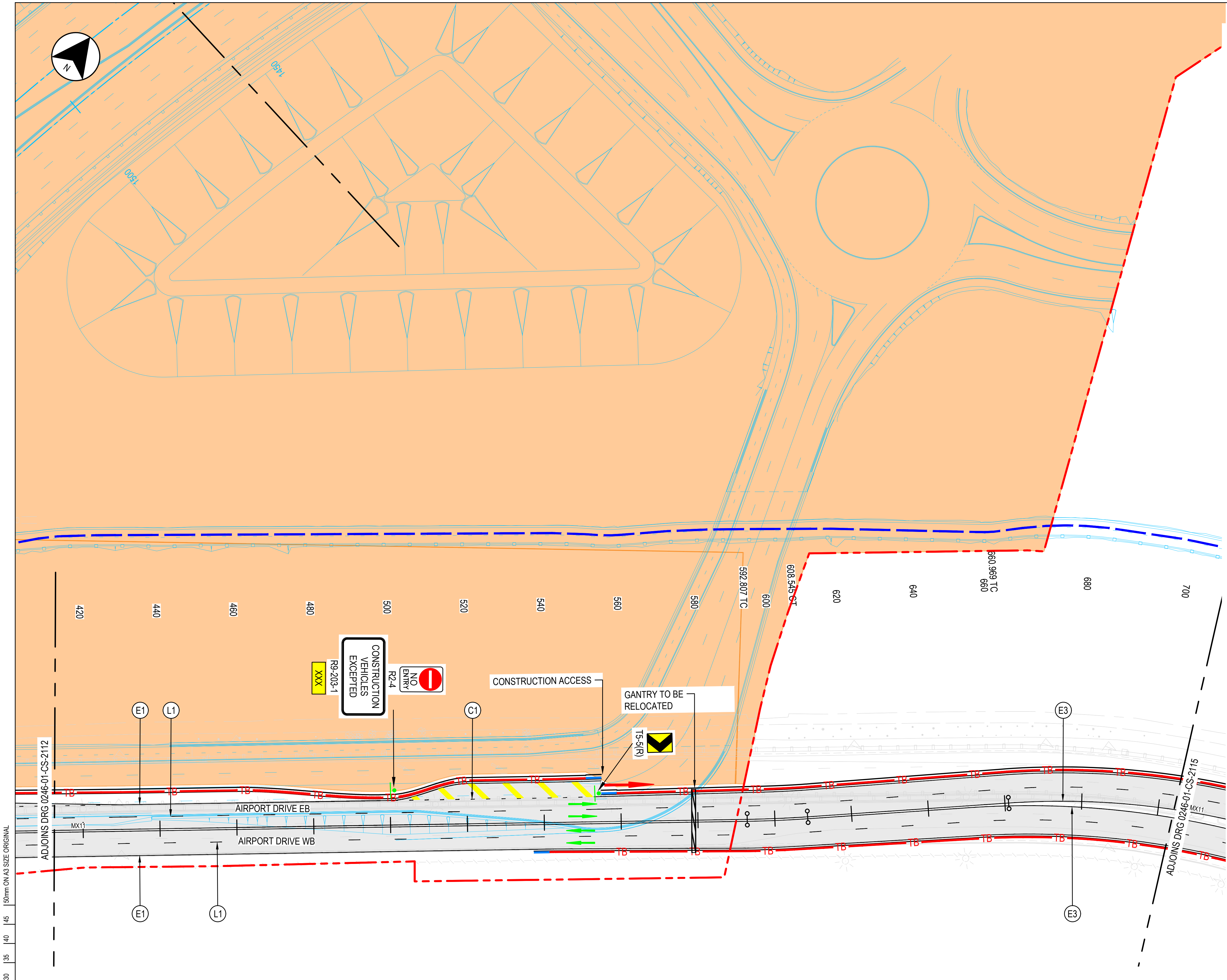

LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
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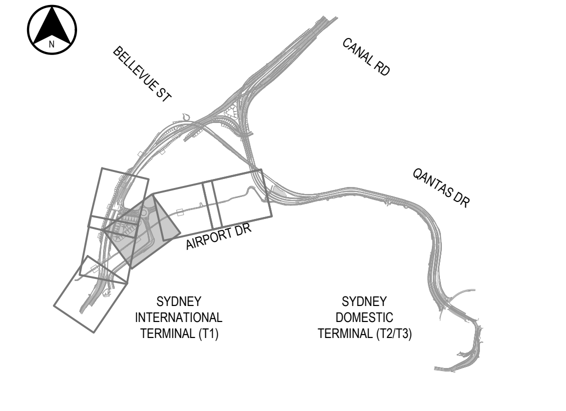
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- EVSLS - ELECTRONIC VARIABLE SPEED LIMIT SIGN
- 60 ROAD WORK R4-212 — PROPOSED SIGN FACE / SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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PLOT BY	Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:1000 (10 0 10 20, AT A3)

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - PLAN

A3 — SHEET 4 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		TS-DRW-2114	01

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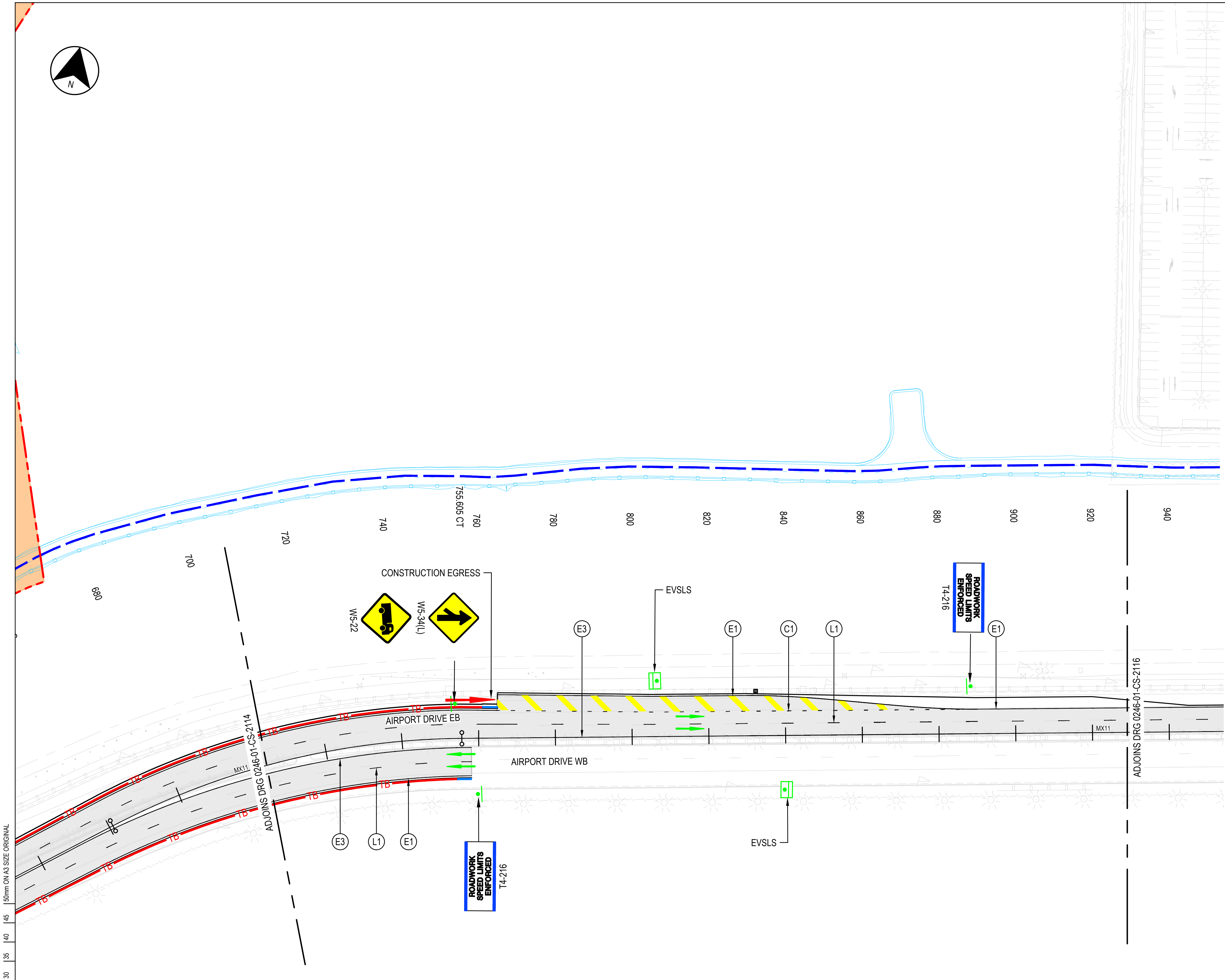

LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
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- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
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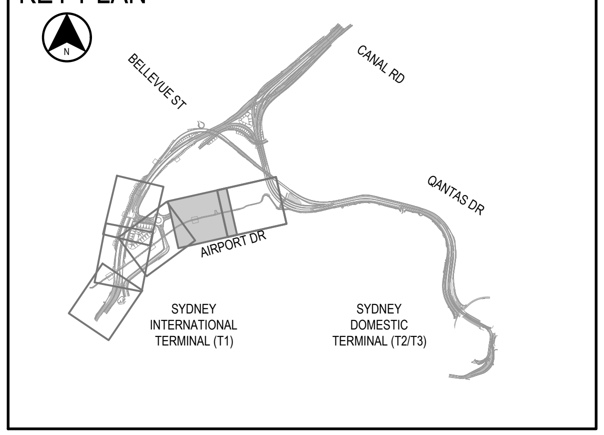
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



NOT FOR CONSTRUCTION

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2111-2116.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 22/01/2021 4:58:09 PM

PLOT BY: Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

QR CODE | SCAN TO CHECK DOCUMENT VER | EXTERNAL REFERENCE FILES

SCALES ON A3 SIZE DRAWING: SCALE 1:1000 (10 0 10 20) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - PLAN

A3

SHEET 5 OF 6

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: TS-DRW-2115

ISSUE: 01

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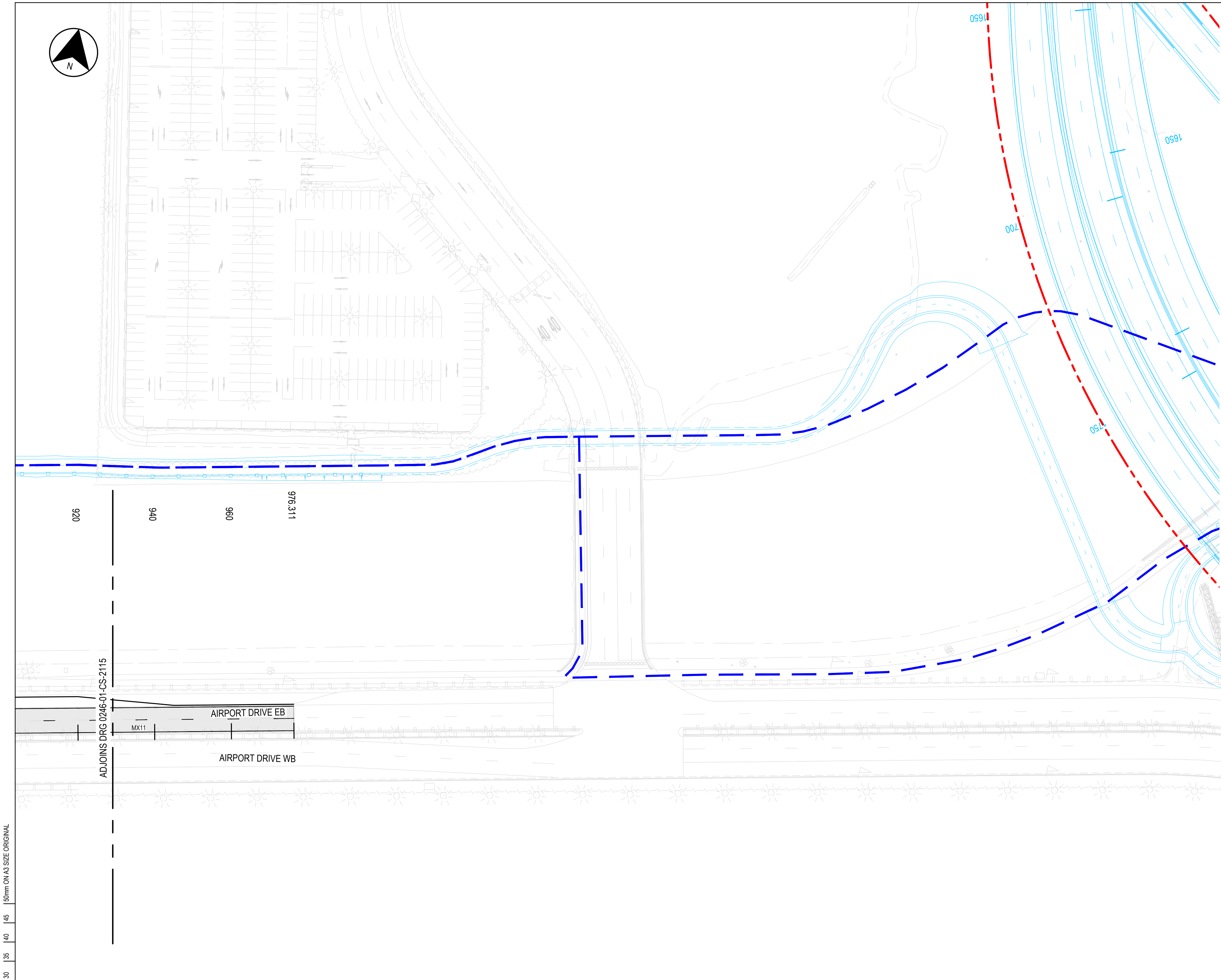

LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- STAGING DESIGN
- TB TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
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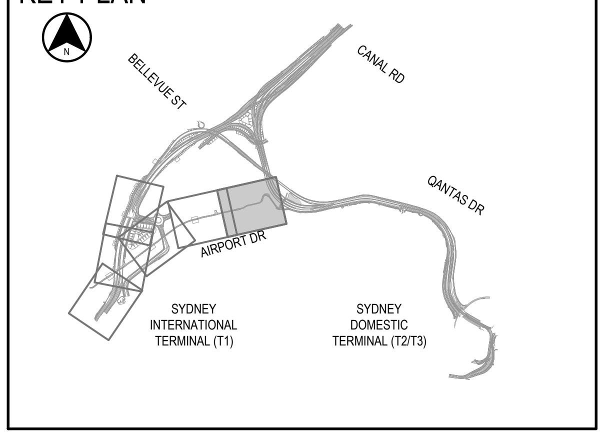
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- EVSLS - ELECTRONIC VARIABLE SPEED LIMIT SIGN
- 60 ROAD WORK PROPOSED SIGN FACE
- R4-212 SIGN REFERENCE NUMBER
- R4-1 EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2111-2116.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 22/01/2021 4:58:25 PM

PLOT BY: Kate Mercer

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

QR CODE | SCAN TO CHECK DOCUMENT VER | EXTERNAL REFERENCE FILES

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:1000 (10 0 10 20 AT A3)

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - PLAN

A3

SHEET 6 OF 6

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: TS-DRW-2116

ISSUE: 01

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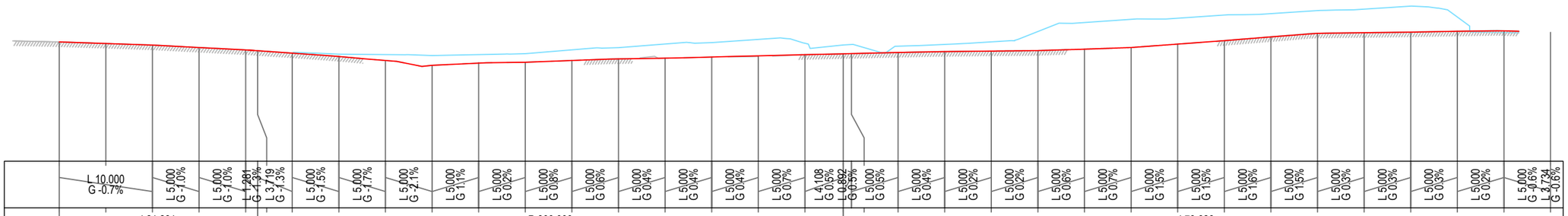

LEGEND

- - - EXISTING SURFACE
— ULTIMATE DESIGN
— STAGING DESIGN

DATUM RL -0.300

VERTICAL ALIGNMENT

L 10.000 G -0.7%
L 5.000 G -1.0%
L 5.000 G -1.0%
L 1.281 G -1.3%
L 3.719 G -1.3%
L 5.000 G -1.5%
L 5.000 G -1.7%
L 5.000 G -2.1%
L 5.000 G 1.1%
L 5.000 G 0.2%
L 5.000 G 0.8%
L 5.000 G 0.6%
L 5.000 G 0.4%
L 5.000 G 0.4%
L 5.000 G 0.4%
L 5.000 G 0.7%
L 4.108 G 0.5%
L 0.892 G 0.5%
L 5.000 G 0.5%
L 5.000 G 0.4%
L 5.000 G 0.2%
L 5.000 G 0.2%
L 5.000 G 0.6%
L 5.000 G 0.7%
L 5.000 G 1.5%
L 5.000 G 1.5%
L 5.000 G 1.6%
L 5.000 G 1.5%
L 5.000 G 0.3%
L 5.000 G 0.3%
L 5.000 G 0.3%
L 5.000 G 0.2%
L 5.000 G -0.6%
L 3.734 G -0.6%

HORIZONTAL ALIGNMENT

L21.281
R 300.000
L 62.827
L79.626

CHAINAGE	0.000	5.000	10.000	15.000	20.000	21.281	25.000	30.000	35.000	40.000	45.000	50.000
DESIGN LEVELS	2.256	2.222	2.189	2.137	2.084	2.068	2.018	1.945	1.861	1.754	1.811	1.821
EXISTING LEVELS	2.256	2.222	2.189	2.137	2.084	2.068	2.018	1.945	1.861	1.754	1.811	1.821
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUPERELEVATION												

CHAINAGE	55.000	60.000	65.000	70.000	75.000	80.000	84.108	85.000	90.000	95.000	100.000	105.000
DESIGN LEVELS	1.862	1.893	1.910	1.931	1.950	1.982	2.001	2.005	2.029	2.049	2.059	2.071
EXISTING LEVELS	1.862	1.893	1.910	1.931	1.950	1.982	2.001	2.005	2.029	2.049	2.059	2.071
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUPERELEVATION												

CHAINAGE	110.000	115.000	120.000	125.000	130.000	135.000	140.000	145.000	150.000	155.000	160.000
DESIGN LEVELS	2.101	2.136	2.209	2.284	2.365	2.440	2.454	2.467	2.484	2.494	2.462
EXISTING LEVELS	2.101	2.136	2.209	2.284	2.365	2.440	2.454	2.467	2.484	2.494	2.462
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SUPERELEVATION											

LONGITUDINAL SECTION MX11

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2131-2137.dwg					DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING
QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-01-TS-2100-LSEC X-0246-01-TS-XSEC-LEGEND.	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56
HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together @ VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
22/01/2021 4:13:45 PM
PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - LONGITUDINAL SECTIONS MX11

A3

SHEET
1 OF 7

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
TS-DRW-2131

ISSUE
01

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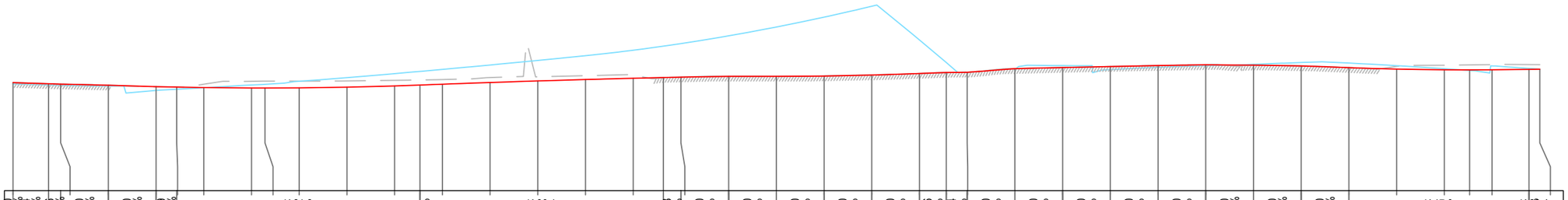
LEGEND

— —	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN



DATUM RL 0.200

VERTICAL ALIGNMENT: L 5.000 G -0.6% | L 3.734 G -0.6% | L 1.266 G -0.5% | L 5.000 G -0.5% | L 5.000 G -0.6% | L 2.159 G -0.4% | K 21.2 R 2124.7 L 25.499 | G 0.8% | K 86.1 R 8614.8 L 25.499 | L 1.843 G 0.5% | L 5.000 G 0.3% | L 5.000 G 0.0% | L 5.000 G 0.1% | L 5.000 G 0.4% | L 5.000 G 0.6% | L 2.806 G 0.8% | L 2.194 G 0.2% | L 5.000 G 1.5% | L 5.000 G 0.5% | L 5.000 G 0.4% | L 5.000 G 0.4% | L 5.000 G 0.4% | L 5.000 G -0.2% | L 5.000 G -0.3% | L 5.000 G -0.7% | K 17.0 R 1702.6 L 18.868 | K 20.4 R 2043.1 L 18.868

HORIZONTAL ALIGNMENT: L79.626 | R 300.000 L 13.425 | L80.647 | R 300.000 L 68.970

DESIGN LEVELS	2.462	2.438	2.431	2.408	2.379	2.370	2.359	2.350	2.349	2.352	2.367	2.393	2.411	2.429	2.465	2.497	2.527	2.553	2.569	2.577
EXISTING LEVELS	2.462	2.438	2.431	2.408	2.379	2.370	2.429	2.490	2.494	2.494	2.498	2.510	2.518	2.526	2.569	2.584	2.607	2.623	2.569	2.577
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	-0.070	-0.140	-0.144	-0.141	-0.131	-0.117	-0.106	-0.097	-0.104	-0.087	-0.081	-0.070	0.000	0.000
CHAINAGE	160.000	163.734	165.000	170.000	175.000	177.159	180.000	185.000	186.411	190.000	195.000	200.000	202.658	205.000	210.000	215.000	220.000	225.000	228.157	230.000
SUPERELEVATION																				

DESIGN LEVELS	2.594	2.594	2.600	2.621	2.653	2.674	2.678	2.755	2.778	2.800	2.819	2.837	2.827	2.812	2.775	2.745	2.730	2.728	2.730	2.740	2.743
EXISTING LEVELS	2.594	2.594	2.600	2.621	2.653	2.674	2.678	2.755	2.778	2.800	2.819	2.837	2.827	2.812	2.775	2.777	2.827	2.832	2.837	2.839	2.839
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.032	-0.096	-0.104	-0.107	-0.100	-0.095
CHAINAGE	235.000	240.000	245.000	250.000	255.000	257.806	260.000	265.000	270.000	275.000	280.000	285.000	290.000	295.000	300.000	305.000	310.000	312.648	315.000	318.868	320.000
SUPERELEVATION																					

LONGITUDINAL SECTION MX11

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-01-TS-2100-LSEC X-0246-01-TS-XSEC-LEGEND.	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 — 5 0 5 10
VERT. 1:100 — 1 0 1 AT A3 2

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE together @ VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:13:47 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - LONGITUDINAL SECTIONS MX11

A3

SHEET
2 OF 7

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2132
ISSUE: 01

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LEGEND

- - -	EXISTING SURFACE
──	ULTIMATE DESIGN
──	STAGING DESIGN

DATUM RL 0.000

VERTICAL ALIGNMENT:
K 20.4
R 2043.1
L 18.868
L 2.264 G -0.6%
L 5.000 G -0.7%
L 5.000 G -0.4%
L 5.000 G -0.3%
L 5.000 G -0.8%
L 5.000 G -0.8%
L 5.000 G -0.7%
L 5.000 G -0.7%
L 5.000 G -0.6%
L 5.000 G -0.6%
L 5.000 G -0.6%
L 5.000 G -0.7%
L 5.000 G -0.6%
L 5.000 G -1.0%
L 5.000 G -1.0%
L 5.000 G -1.2%
L 5.000 G -0.7%
L 5.000 G -0.6%
L 5.000 G -0.1%
L 5.000 G 0.0%
L 5.000 G -0.1%
L 5.000 G -0.1%
L 5.000 G -0.1%
L 5.000 G -0.2%
L 5.000 G -0.1%
L 5.000 G -0.2%
L 5.000 G -0.3%
L 5.000 G -0.1%
L 5.000 G 0.6%
L 5.000 G 0.5%

HORIZONTAL ALIGNMENT:
R 300.000
L 68.970
L266.031

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH
320.000	2.743	2.839	-0.095
325.000	2.753	2.841	-0.088
326.332	2.753	2.841	-0.087
326.776	2.753	2.840	-0.087
330.000	2.750	2.834	-0.084
335.000	2.735	2.825	-0.091
337.736	2.721	2.721	0.000
340.000	2.709	2.709	0.000
345.000	2.673	2.673	0.000
350.000	2.654	2.654	0.000
355.000	2.638	2.638	0.000
360.000	2.599	2.599	0.000
365.000	2.561	2.561	0.000
370.000	2.524	2.524	0.000
375.000	2.488	2.488	0.000
380.000	2.458	2.458	0.000
385.000	2.430	2.430	0.000
390.000	2.399	2.399	0.000
395.000	2.366	2.366	0.000
400.000	2.334	2.334	0.000
405.000	2.287	2.287	0.000
410.000	2.237	2.237	0.000
415.000	2.177	2.177	0.000
420.000	2.144	2.144	0.000
425.000	2.114	2.114	0.000
430.000	2.108	2.108	0.000
435.000	2.108	2.108	0.000
440.000	2.103	2.103	0.000
445.000	2.100	2.100	0.000
450.000	2.093	2.093	0.000
455.000	2.084	2.084	0.000
460.000	2.079	2.079	0.000
465.000	2.068	2.068	0.000
470.000	2.054	2.054	0.000
475.000	2.051	2.051	0.000
480.000	2.079	2.079	0.000

SUPERELEVATION

LONGITUDINAL SECTION MX11

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2131-2137.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-01-TS-2100-LSEC X-0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 — 5 0 5 10
VERT. 1:100 — 1 0 1 2
AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
22/01/2021 4:13:48 PM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - LONGITUDINAL SECTIONS MX11

A3

SHEET
3 OF 7

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
TS-DRW-21331

ISSUE
01

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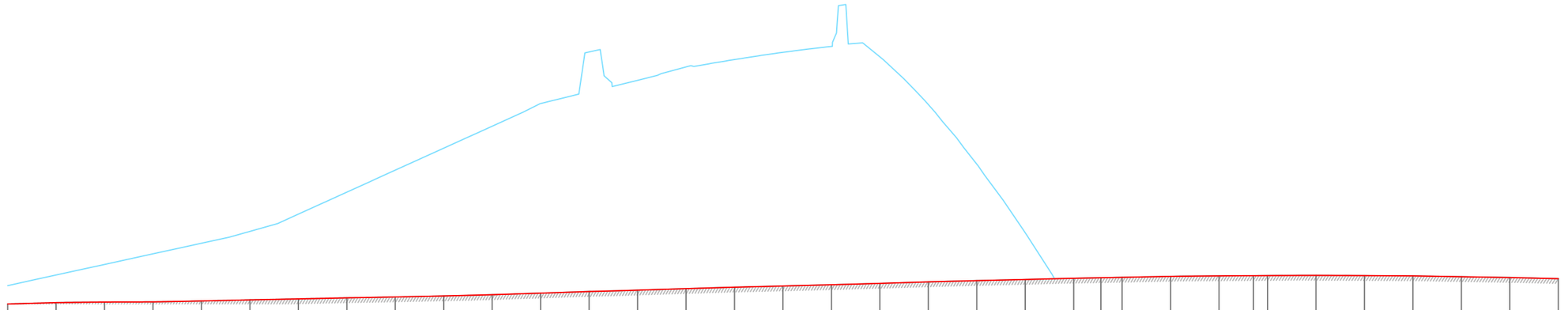

LEGEND

- - - EXISTING SURFACE
— ULTIMATE DESIGN
— STAGING DESIGN

DATUM RL 0.000

VERTICAL ALIGNMENT

L 5.000 G 0.6%
L 5.000 G 0.5%
L 5.000 G 0.2%
L 5.000 G 0.1%
L 5.000 G 0.4%
L 5.000 G 0.5%
L 5.000 G 0.4%
L 5.000 G 0.4%
L 5.000 G 0.4%
L 5.000 G 0.4%
L 5.000 G 0.5%
L 5.000 G 0.7%
L 5.000 G 0.7%
L 5.000 G 0.6%
L 5.000 G 0.6%
L 5.000 G 0.6%
L 5.000 G 0.5%
L 5.000 G 0.5%
L 5.000 G 0.6%
L 5.000 G 0.6%
L 5.000 G 0.5%
L 5.000 G 0.5%
L 5.000 G 0.5%
L 2.807 G 0.4%
L 2.193 G 0.4%
L 5.000 G 0.4%
L 5.000 G 0.2%
L 3.545 G 0.1%
L 1.455 G 0.2%
L 5.000 G 0.1%
L 5.000 G -0.1%
L 5.000 G -0.1%
L 5.000 G -0.3%
L 5.000 G -0.3%
L 5.000 G -0.5%
L 5.000 G -0.4%

HORIZONTAL ALIGNMENT

L266.031
R -300.000
L 15.738
L52.425

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH
480.000	2.079	2.079	0.000
485.000	2.107	2.107	0.000
490.000	2.119	2.119	0.000
495.000	2.122	2.122	0.000
500.000	2.141	2.141	0.000
505.000	2.164	2.164	0.000
510.000	2.184	2.184	0.000
515.000	2.205	2.205	0.000
520.000	2.223	2.223	0.000
525.000	2.244	2.244	0.000
530.000	2.270	2.270	0.000
535.000	2.303	2.303	0.000
540.000	2.336	2.336	0.000
545.000	2.364	2.364	0.000
550.000	2.395	2.395	0.000
555.000	2.426	2.426	0.000
560.000	2.450	2.450	0.000
565.000	2.475	2.475	0.000
570.000	2.504	2.504	0.000
575.000	2.534	2.534	0.000
580.000	2.561	2.561	0.000
585.000	2.585	2.585	0.000
590.000	2.609	2.609	0.000
592.807	2.619	2.619	0.000
595.000	2.628	2.628	0.000
600.000	2.648	2.648	0.000
605.000	2.657	2.657	0.000
608.545	2.663	2.663	0.000
610.000	2.665	2.665	0.000
615.000	2.668	2.668	0.000
620.000	2.664	2.664	0.000
625.000	2.658	2.658	0.000
630.000	2.640	2.640	0.000
635.000	2.625	2.625	0.000
640.000	2.601	2.601	0.000

SUPERELEVATION

LONGITUDINAL SECTION MX11

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2131-2137.dwg

DESIGN LOT CODE

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		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-01-TS-2100-LSEC X-0246-01-TS-XSEC-LEGEND.	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56
HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME
22/01/2021 4:13:49 PM
PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - LONGITUDINAL SECTIONS MX11

A3

SHEET
4 OF 7

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
TS-DRW-2134

ISSUE
01

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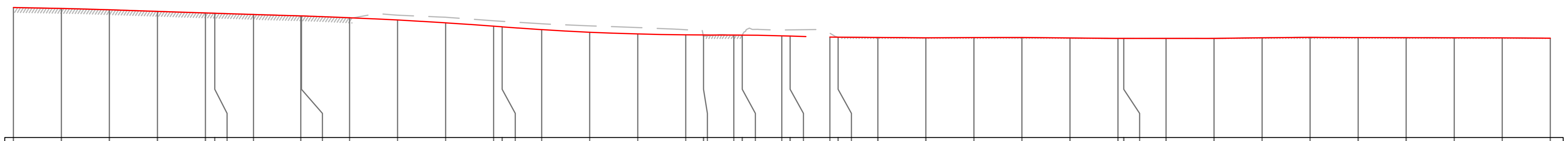
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM RL -0.100

VERTICAL ALIGNMENT: L 5.000 G -0.5% | L 5.000 G -0.4% | L 5.000 G -0.6% | L 5.000 G -0.7% | L 5.000 G -0.7% | L 0.969 G -0.6% | L 4.031 G -0.6% | L 4.922 G -0.6% | K 22.3 R 2227.1 L 20.967 | G -1.6% | K 14.0 R 1400.1 L 20.967 | L 4.024 G -0.1% | K 7.1 R 708.9 L 4.993 | G -0.8% | K 8.0 R 803.5 L 4.993 | L 4.135 G -0.1% | L 5.000 G -0.1% | L 5.000 G 0.1% | L 5.000 G -0.0% | L 5.000 G -0.2% | L 5.000 G -0.2% | L 0.605 G 0.0% | L 4.395 G 0.0% | L 5.000 G 0.0% | L 5.000 G 0.2% | L 5.000 G 0.2% | L 5.000 G -0.1% | L 5.000 G -0.0% | L 5.000 G -0.0% | L 5.000 G -0.1% | L 5.000 G -0.1% | L 5.000 G -0.1%

HORIZONTAL ALIGNMENT: L52.425 | R 200.000 L 94.636 | L220.706

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH	SUPERELEVATION
640.000	2.601	2.601	0.000	
645.000	2.581	2.581	0.000	
650.000	2.553	2.553	0.000	
655.000	2.520	2.520	0.000	
660.000	2.487	2.487	0.000	
660.969	2.482	2.482	0.000	
665.000	2.457	2.457	0.000	
669.922	2.427	2.427	0.000	
670.000	2.426	2.426	0.000	
675.000	2.390	2.415	-0.025	
680.000	2.342	2.442	-0.100	
685.000	2.283	2.397	-0.114	
690.000	2.213	2.325	-0.112	
690.889	2.199	2.313	-0.114	
695.000	2.141	2.259	-0.118	
700.000	2.087	2.218	-0.132	
705.000	2.050	2.182	-0.132	
710.000	2.032	2.139	-0.107	
711.856	2.030	2.006	0.023	
715.000	2.028	2.024	0.003	
715.880	2.027	2.028	-0.001	
720.000	2.013	2.134	-0.121	
720.873	2.007	2.128	-0.122	
725.000	1.986	1.985	0.001	
725.865	1.984	1.984	0.000	
730.000	1.978	1.978	0.000	
735.000	1.971	1.971	0.000	
740.000	1.976	1.976	0.000	
745.000	1.976	1.976	0.000	
750.000	1.968	1.968	0.000	
755.000	1.958	1.958	0.000	
755.605	1.958	1.958	0.000	
760.000	1.958	1.958	0.000	
765.000	1.959	1.959	0.000	
770.000	1.971	1.971	0.000	
775.000	1.980	1.980	0.000	
780.000	1.976	1.976	0.000	
785.000	1.974	1.974	0.000	
790.000	1.972	1.972	0.000	
795.000	1.969	1.969	0.000	
800.000	1.963	1.963	0.000	

LONGITUDINAL SECTION MX11

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2131-2137.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

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			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 — 5 0 5 10
VERT. 1:100 — 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:13:50 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - LONGITUDINAL SECTIONS MX11

A3

SHEET 5 OF 7

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: TS-DRW-2135

ISSUE: 01

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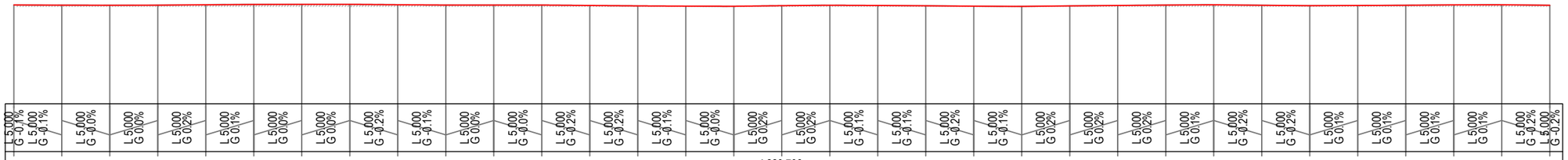
LEGEND

- - -	EXISTING SURFACE
🟦	ULTIMATE DESIGN
🟥	STAGING DESIGN



HORIZONTAL ALIGNMENT L220.706

DESIGN LEVELS	1.963	1.958	1.957	1.959	1.967	1.975	1.977	1.977	1.968	1.961	1.962
EXISTING LEVELS	1.963	1.958	1.957	1.959	1.967	1.975	1.977	1.977	1.968	1.961	1.962
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAINAGE	800.000	805.000	810.000	815.000	820.000	825.000	830.000	835.000	840.000	845.000	850.000
SUPERELEVATION											

DESIGN LEVELS	1.961	1.952	1.944	1.938	1.936	1.948	1.957	1.952	1.947	1.938	1.934
EXISTING LEVELS	1.961	1.952	1.944	1.938	1.936	1.948	1.957	1.952	1.947	1.938	1.934
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAINAGE	855.000	860.000	865.000	870.000	875.000	880.000	885.000	890.000	895.000	900.000	905.000
SUPERELEVATION											

DESIGN LEVELS	1.943	1.953	1.962	1.967	1.957	1.949	1.953	1.957	1.965	1.968	1.956
EXISTING LEVELS	1.943	1.953	1.962	1.967	1.957	1.949	1.953	1.957	1.965	1.968	1.956
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAINAGE	910.000	915.000	920.000	925.000	930.000	935.000	940.000	945.000	950.000	955.000	960.000
SUPERELEVATION											

LONGITUDINAL SECTION MX11

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-01-TS-2100-LSEC X-0246-01-TS-XSEC-LEGEND.	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
22/01/2021 4:13:51 PM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
Transport
Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - LONGITUDINAL SECTIONS MX11

A3

SHEET
6 OF 7

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
TS-DRW-2136

ISSUE
01

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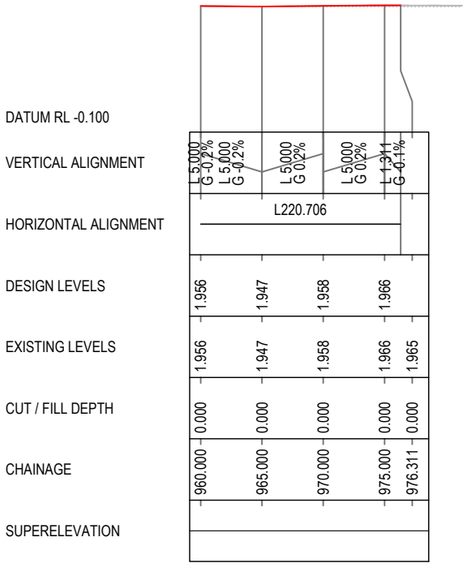
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



LONGITUDINAL SECTION MX11
HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2131-2137.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 22/01/2021 4:13:52 PM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE-TITLEBLOCK-RMS-A3 X:\0246-01-TS-2100-LSE X:\0246-01-TS-SIZEX-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500
VERT. 1:100
5 0 5 10
1 0 1 AT A3 2

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - LONGITUDINAL SECTIONS MX11

A3

SHEET 7 OF 7

RMS REGISTRATION No.:
PART:
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: TSDRW-2131
ISSUE: 1

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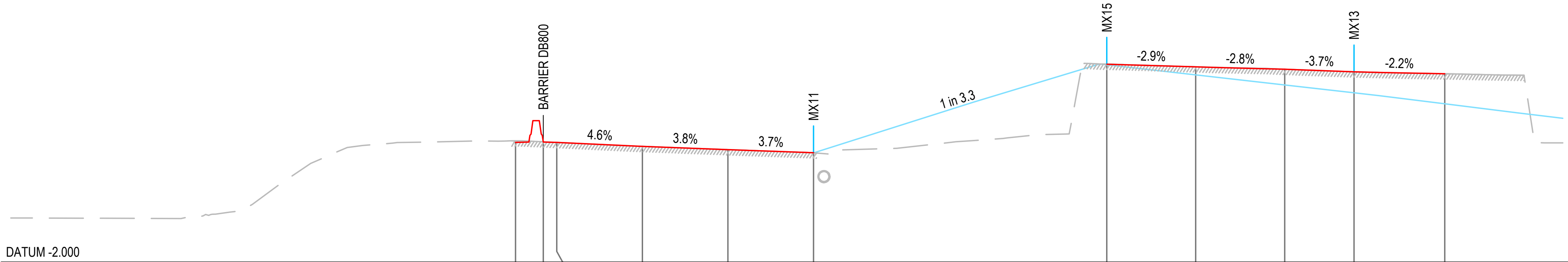
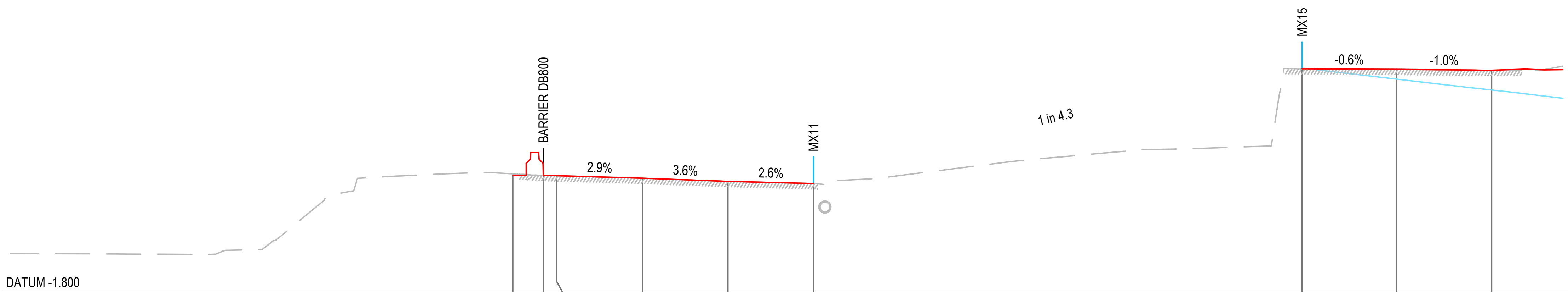
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



CUT STRINGS	EH11	ES11	LE12	L112	L111	LE11	LE11	L111	LE12	LE11	LE12
DESIGN LEVELS	2.470	2.485	2.470	2.321	2.201	2.084	5.393	5.295	5.204	5.108	5.035
CUT \ FILL DEPTH	-0.060	-0.009	0.000	0.000	0.000	0.000	-0.003	-0.000	-0.001	-0.001	-0.000
EXISTING LEVELS	2.529	2.494	2.470	2.321	2.201	2.084	5.396	5.296	5.204	5.109	5.035
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	10.958	14.279	17.607	20.199	23.587

CH 20.000



CUT STRINGS	EH11	ES11	LE12	L112	L111	LE11	LE11	L111	LE12
DESIGN LEVELS	2.547	2.562	2.547	2.455	2.338	2.256	6.538	6.516	6.481
CUT \ FILL DEPTH	-0.068	0.002	0.000	0.000	0.000	0.000	-0.001	-0.000	-0.000
EXISTING LEVELS	2.615	2.561	2.547	2.455	2.338	2.256	6.539	6.517	6.481
DESIGN OFFSET	-11.241	-10.100	-9.600	-6.400	-3.200	0.000	18.256	21.789	25.342

CH 0.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 22/01/2021 4:14:04 PM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
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PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

SHEET 1 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2151
ISSUE: 01

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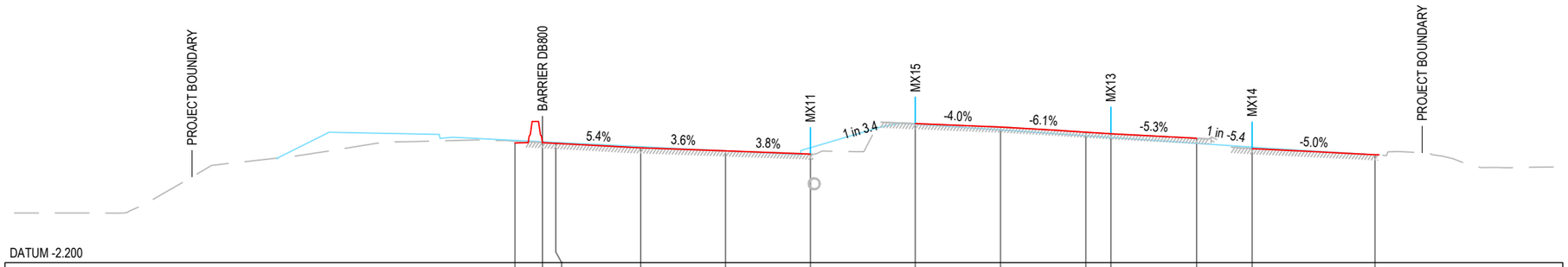

LEGEND

– – –	EXISTING SURFACE
───	ULTIMATE DESIGN
───	STAGING DESIGN

CUT STRINGS	EH11	ES11	LE12	L112	L111	LE11	LE11	L111	LE12	LE11	LE12	LE11	LE12
DESIGN LEVELS	2.312	2.327	2.302	2.130	2.015	1.893	3.045	2.916	2.720	2.662	2.492	2.102	1.869
CUT \ FILL DEPTH	-0.064	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.000	-0.000	0.000	-0.000	-0.000	0.001
EXISTING LEVELS	2.376	2.329	2.302	2.130	2.015	1.893	3.046	2.916	2.721	2.662	2.492	2.103	1.868
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	3.952	7.166	10.380	11.325	14.554	16.650	21.284

CH 60.000

CUT STRINGS	EH11	ES11	LE12	L112	L111	LE11	LE11	L111	LE12	LE11	LE12
DESIGN LEVELS	2.211	2.226	2.211	2.057	1.923	1.754	4.062	3.938	3.795	3.720	3.618
CUT \ FILL DEPTH	-0.071	-0.011	0.000	0.000	0.000	0.000	-0.001	0.002	-0.000	-0.001	0.000
EXISTING LEVELS	2.281	2.236	2.211	2.057	1.923	1.754	4.063	3.937	3.795	3.721	3.618
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	6.598	9.850	13.105	14.818	18.106

CH 40.000

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50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-01-TS-2100-XSEC X-0246-01-TS-XSEC-LEGEND.	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:06 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET
2 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2152
ISSUE: 01

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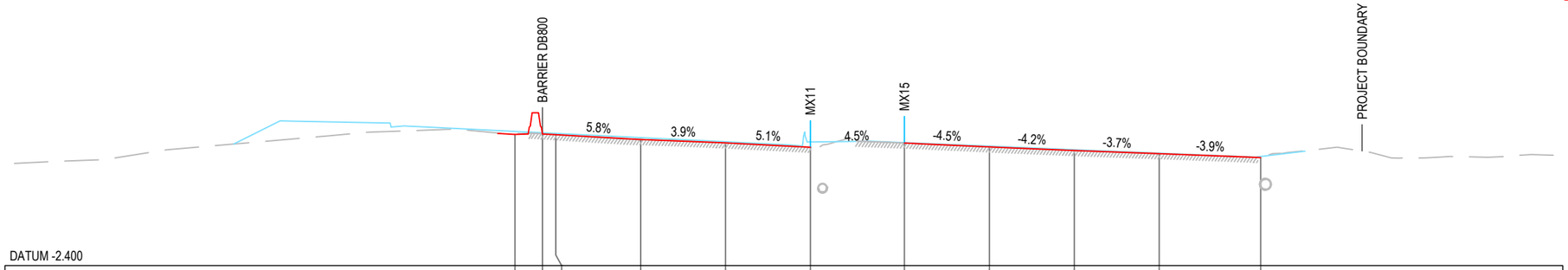
LEGEND

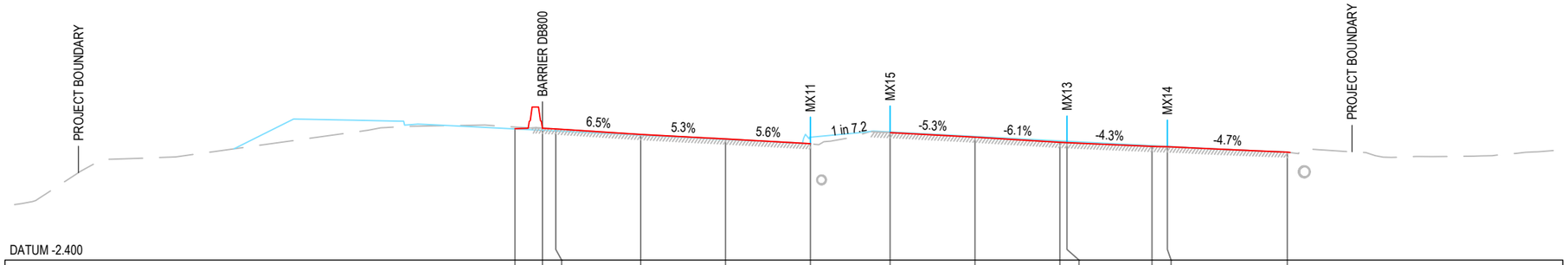
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -2.400

CUT STRINGS	EH11	ES11	LE1A	L112	L111	LE1I	LE11	L111	L112	LA13	LE11
DESIGN LEVELS	2.542	2.557	2.533	2.348	2.224	2.059	2.217	2.073	1.937	1.818	1.668
CUT \ FILL DEPTH	-0.032	-0.009	0.000	0.000	0.000	0.000	-0.001	0.001	0.000	0.000	0.000
EXISTING LEVELS	2.574	2.566	2.533	2.348	2.224	2.059	2.218	2.072	1.937	1.818	1.668
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	3.542	6.744	9.946	13.148	16.973

CH 100.000



DATUM -2.400

CUT STRINGS	EH11	ES11	LE12	L112	L111	LE1I	LE11	L111	LE12	LE11	LE12	LE11	LE12
DESIGN LEVELS	2.546	2.561	2.536	2.329	2.160	1.982	2.399	2.229	2.033	2.020	1.881	1.869	1.659
CUT \ FILL DEPTH	-0.064	-0.007	0.000	0.000	0.000	0.000	-0.001	-0.000	-0.000	0.000	-0.000	0.009	-0.000
EXISTING LEVELS	2.609	2.567	2.536	2.329	2.160	1.982	2.400	2.229	2.033	2.019	1.881	1.860	1.659
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	3.003	6.203	9.403	9.672	12.875	13.454	17.977

CH 80.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-01-TS-2100-XSEC X-0246-01-TS-XSEC-LEGEND.	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100
1 0 1 2
AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
22/01/2021 4:14:07 PM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

SHEET
3 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
TS-DRW-2153

ISSUE
01

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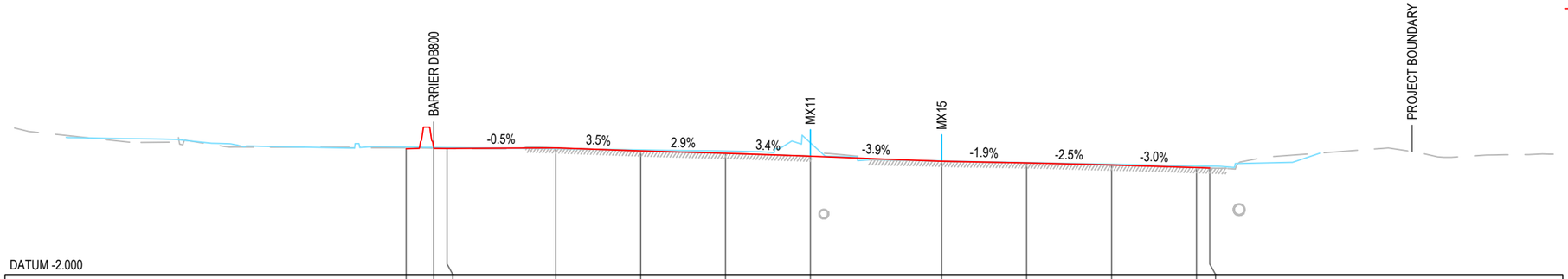
LEGEND

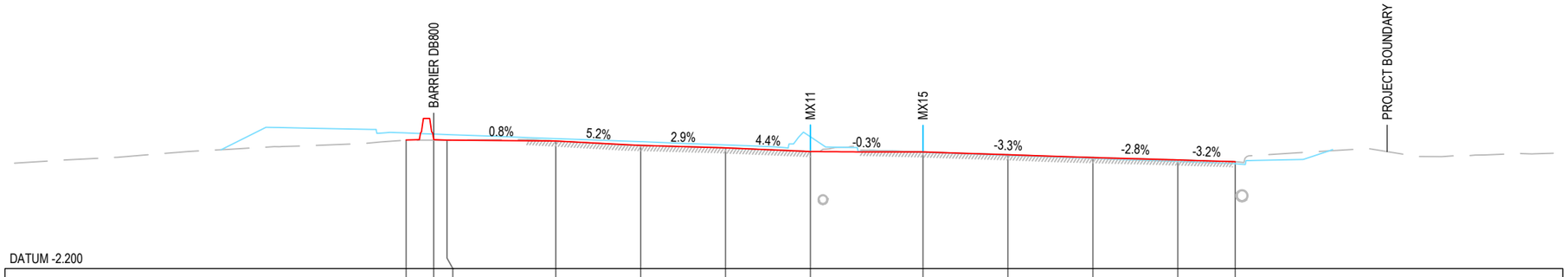
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -2.000

	EH11	ES11	LE1A	LA1A	L112	L111	LE1I	LE11	L111	L112	LA13	LE11
CUT STRINGS												
DESIGN LEVELS	2.735	2.750	2.745	2.766	2.655	2.563	2.454	2.263	2.201	2.122	2.026	2.010
CUT \ FILL DEPTH	-0.035	-0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.770	2.755	2.745	2.766	2.655	2.563	2.454	2.263	2.201	2.122	2.026	2.010
DESIGN OFFSET	-15.240	-14.200	-13.700	-9.600	-6.400	-3.200	0.000	4.945	8.147	11.349	14.551	15.053

CH 140.000



DATUM -2.200

	EH11	ES11	LE1A	LA1A	L112	L111	LE1I	LE11	L111	L112	LA13	LE11
CUT STRINGS												
DESIGN LEVELS	2.643	2.658	2.639	2.607	2.440	2.349	2.209	2.195	2.089	1.984	1.895	1.826
CUT \ FILL DEPTH	0.003	0.019	0.000	0.000	0.000	0.000	0.000	-0.001	-0.003	0.000	0.000	0.000
EXISTING LEVELS	2.640	2.639	2.639	2.607	2.440	2.349	2.209	2.196	2.092	1.984	1.895	1.826
DESIGN OFFSET	-15.240	-14.200	-13.700	-9.600	-6.400	-3.200	0.000	4.244	7.446	10.648	13.850	16.013

CH 120.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-RMS-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME	22/01/2021 4:14:09 PM	
PLOT BY	Kate Mercer	
TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 4 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2154 | ISSUE: 01

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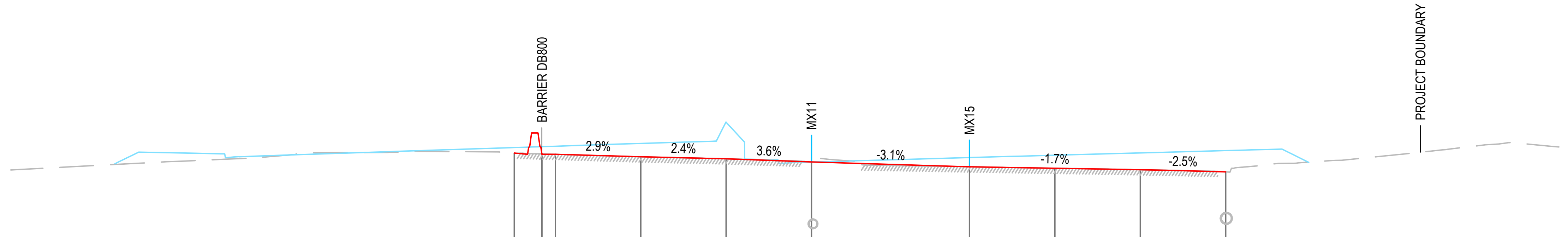
LEGEND

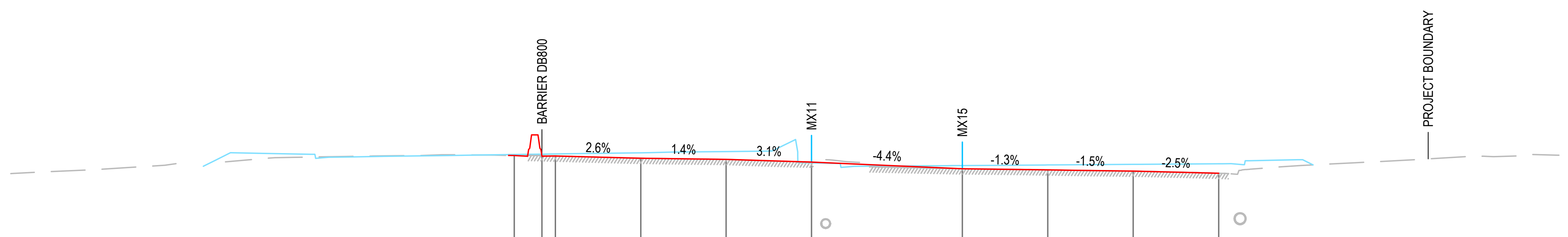
- - -	EXISTING SURFACE
— (blue)	ULTIMATE DESIGN
— (red)	STAGING DESIGN



DATUM -2.100

CUT STRINGS	EH12	ES11	LE12	L112	L111	LE11	LE11	L111	L112	LE13
DESIGN LEVELS	2.692	2.645	2.645	2.552	2.476	2.359	2.176	2.121	2.067	1.988
CUT \ FILL DEPTH	0.000	-0.015	0.000	0.000	0.000	-0.070	0.000	0.000	0.000	0.001
EXISTING LEVELS	2.692	2.660	2.645	2.552	2.476	2.429	2.176	2.121	2.067	1.987
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	5.918	9.118	12.318	15.518

CH 180.000



DATUM -2.000

CUT STRINGS	EH12	ES11	LE12	L112	L111	LE11	LE11	L111	L112	LE13
DESIGN LEVELS	2.710	2.682	2.690	2.607	2.563	2.462	2.212	2.171	2.124	2.045
CUT \ FILL DEPTH	0.000	-0.021	0.000	0.000	0.000	0.000	0.000	-0.000	0.000	0.000
EXISTING LEVELS	2.710	2.703	2.690	2.607	2.563	2.462	2.212	2.171	2.124	2.045
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	5.647	8.849	12.051	15.253

CH 160.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

QR CODE | SCAN TO CHECK DOCUMENT VER | EXTERNAL REFERENCE FILES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:11 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 5 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2155
ISSUE: 01

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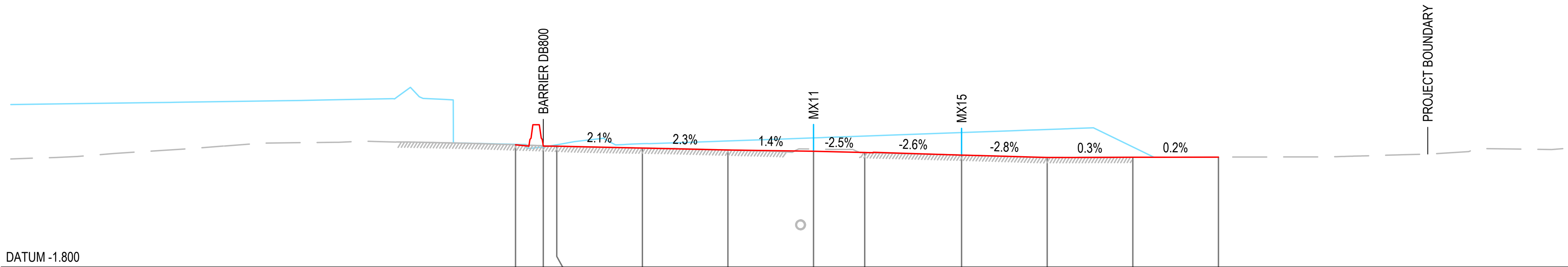
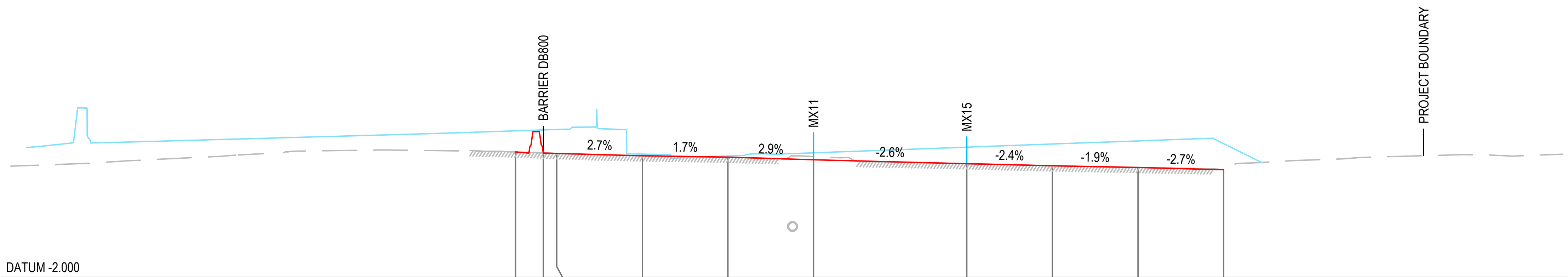
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



CUT STRINGS	EH12	ES11	LE12	L112	L111	LA1I	LE1J	LE11	L111	L112	LE13
DESIGN LEVELS	2.768	2.719	2.716	2.647	2.573	2.527	2.478	2.383	2.293	2.302	2.309
CUT \ FILL DEPTH	0.000	-0.014	0.000	0.000	0.000	-0.081	0.000	0.000	0.000	-0.001	0.000
EXISTING LEVELS	2.768	2.733	2.716	2.647	2.573	2.607	2.478	2.383	2.293	2.302	2.309
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	1.909	5.531	8.731	11.931	15.131

CH 220.000



CUT STRINGS	EH12	ES11	LE12	L112	L111	LE1I	LE11	L111	L112	LE13
DESIGN LEVELS	2.683	2.641	2.626	2.541	2.487	2.393	2.244	2.166	2.105	2.018
CUT \ FILL DEPTH	0.000	-0.003	0.000	0.000	0.000	-0.117	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.683	2.645	2.626	2.541	2.487	2.510	2.244	2.166	2.104	2.018
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	5.724	8.924	12.125	15.325

CH 200.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 — 1 0 1 2 — AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:12 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

SHEET 6 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2156
ISSUE: 01

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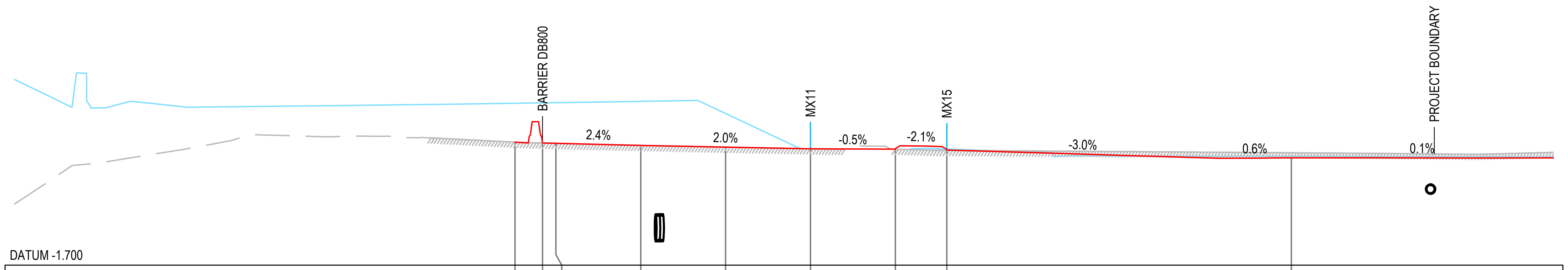
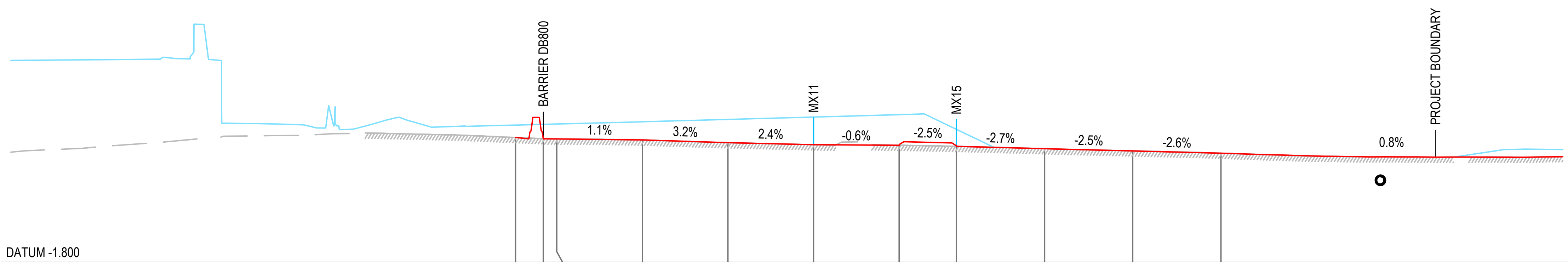
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



CUT STRINGS	EH12	ES11	LE12	L112	L111	LA1I	LE1J	LE11	LE11
DESIGN LEVELS	2.929	2.898	2.883	2.806	2.742	2.678	2.663	2.632	2.340
CUT \ FILL DEPTH	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.012	-0.188
EXISTING LEVELS	2.929	2.896	2.883	2.806	2.742	2.678	2.663	2.620	2.528
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	3.200	5.136	18.123

CH 260.000



CUT STRINGS	EH12	ES11	LE12	L112	L111	LA1I	LE1J	LE11	L111	L112	LA13
DESIGN LEVELS	2.865	2.814	2.810	2.774	2.672	2.594	2.576	2.534	2.447	2.364	2.280
CUT \ FILL DEPTH	0.000	-0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	0.000
EXISTING LEVELS	2.865	2.821	2.810	2.774	2.672	2.594	2.576	2.534	2.447	2.367	2.280
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	3.200	5.337	8.633	11.928	15.223

CH 240.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 22/01/2021 4:14:13 PM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT, Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 7 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: TS-DRW-2157

ISSUE: 01

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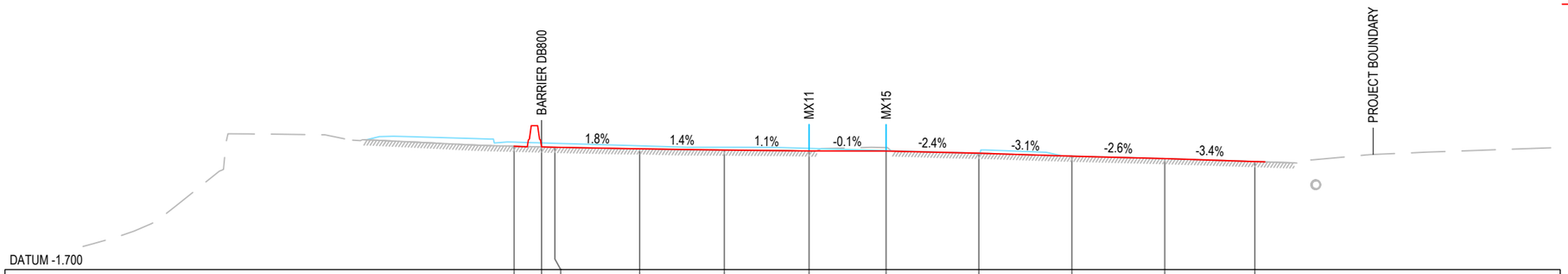
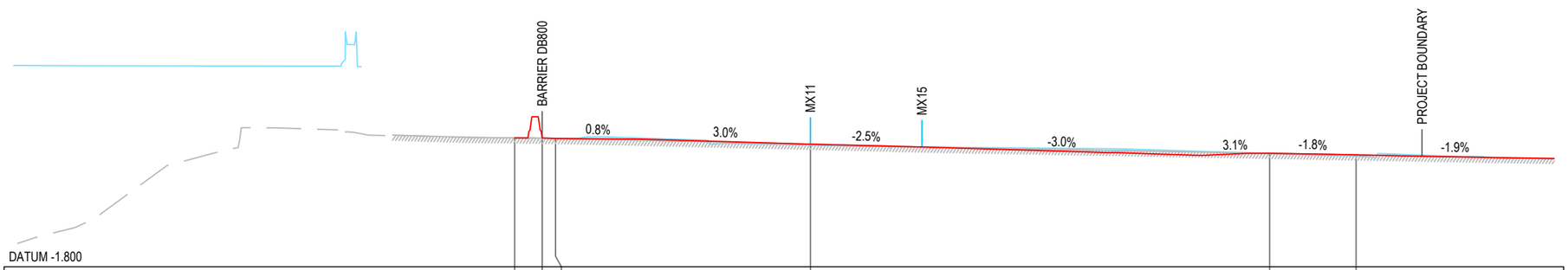
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



CUT STRINGS	EH12	ES11	LE12	L112	L111	LE1I	LE11	L111	L112	LA13	LE11	
DESIGN LEVELS	2.954	2.930	2.915	2.856	2.810	2.775	2.772	2.689	2.579	2.487	2.372	
CUT \ FILL DEPTH	0.000	0.002	0.000	0.000	0.000	0.000	-0.130	-0.000	-0.000	-0.000	-0.004	
EXISTING LEVELS	2.954	2.927	2.915	2.856	2.810	2.775	2.902	2.689	2.579	2.487	2.377	
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	2.905	6.413	9.921	13.429	16.827	

CH 300.000



CUT STRINGS	EH12	ES11	LE12								LE11	LE11
DESIGN LEVELS	3.059	3.052	3.037			2.819					2.477	2.418
CUT \ FILL DEPTH	0.000	0.005	0.000			0.000					0.000	-0.000
EXISTING LEVELS	3.059	3.047	3.037			2.819					2.477	2.418
DESIGN OFFSET	-11.140	-10.100	-9.600			0.000					17.291	20.545

CH 280.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
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DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE_TITLEBLOCK-ANX-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME	PLOT BY
22/01/2021 4:14:15 PM	Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3 | SHEET 8 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2158 | ISSUE: 01

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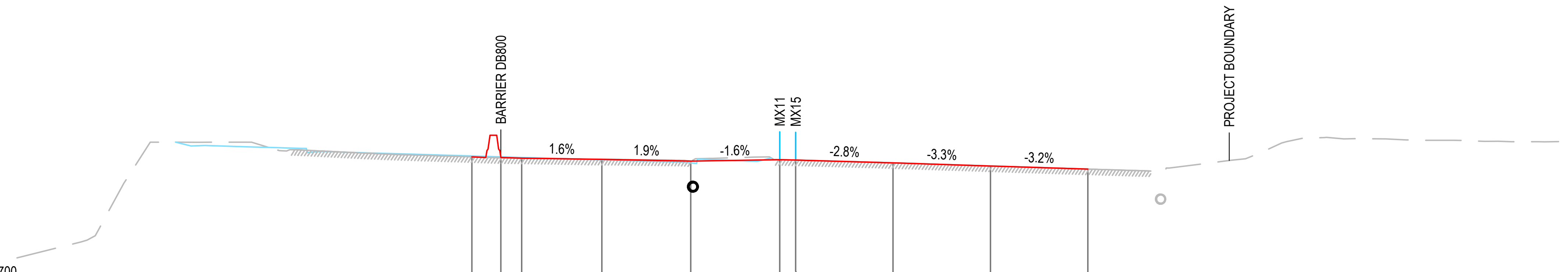
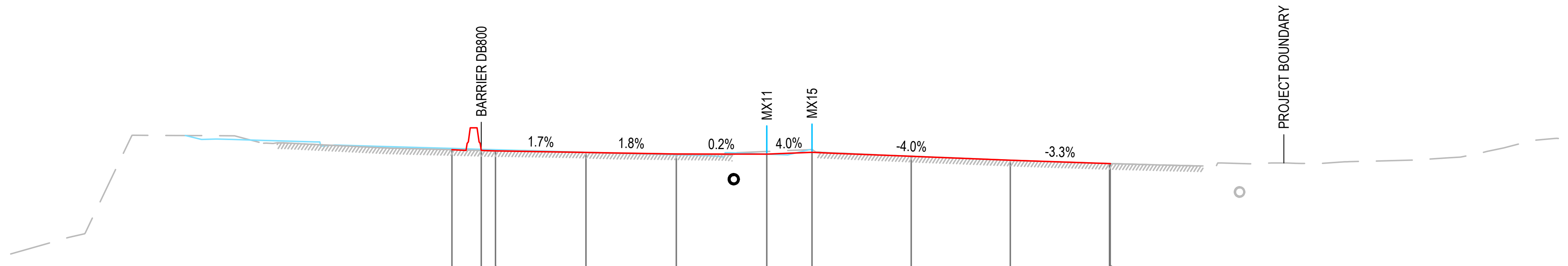
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



CUT STRINGS	EH12	ES11	LE12	LA12	L111	LE11	LE11	L111	L112	LE13
DESIGN LEVELS	2.809	2.787	2.764	2.718	2.658	2.709	2.693	2.594	2.480	2.370
CUT \ FILL DEPTH	0.000	0.011	0.000	0.000	-0.001	0.000	-0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	2.809	2.776	2.764	2.718	2.659	2.709	2.693	2.594	2.480	2.370
DESIGN OFFSET	-11.070	-10.030	-9.280	-6.400	-3.200	0.000	0.572	4.072	7.573	11.074

CH 340.000



CUT STRINGS	EH12	ES11	LE12	L112	L111	LE11	LE11	L111	L112	LA13	LE11
DESIGN LEVELS	2.902	2.876	2.861	2.805	2.749	2.743	2.807	2.667	2.527	2.410	2.408
CUT \ FILL DEPTH	0.000	0.003	0.000	0.000	0.000	-0.095	-0.100	-0.000	-0.000	-0.000	-0.001
EXISTING LEVELS	2.902	2.872	2.861	2.805	2.749	2.839	2.907	2.667	2.527	2.410	2.409
DESIGN OFFSET	-11.140	-10.100	-9.600	-6.400	-3.200	0.000	1.598	5.106	8.614	12.122	12.146

CH 320.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING
SCALE 1:100 — 1 0 1 2 — AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE together VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:16 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 9 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2159
ISSUE: 01

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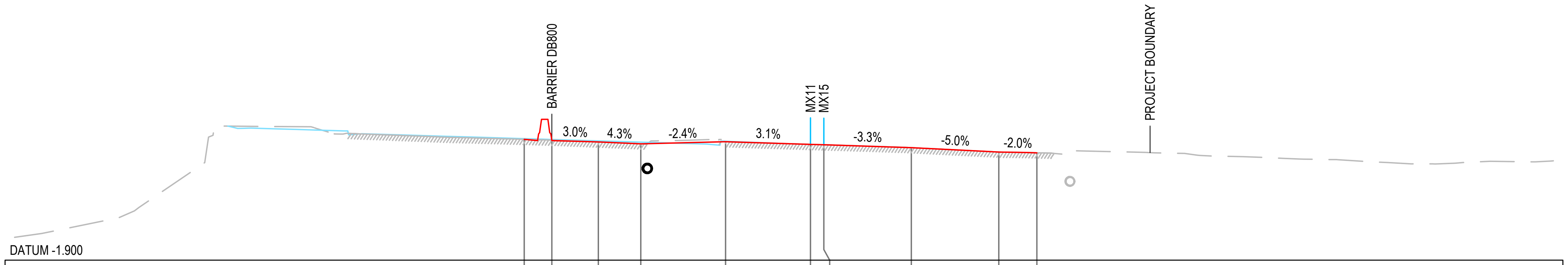
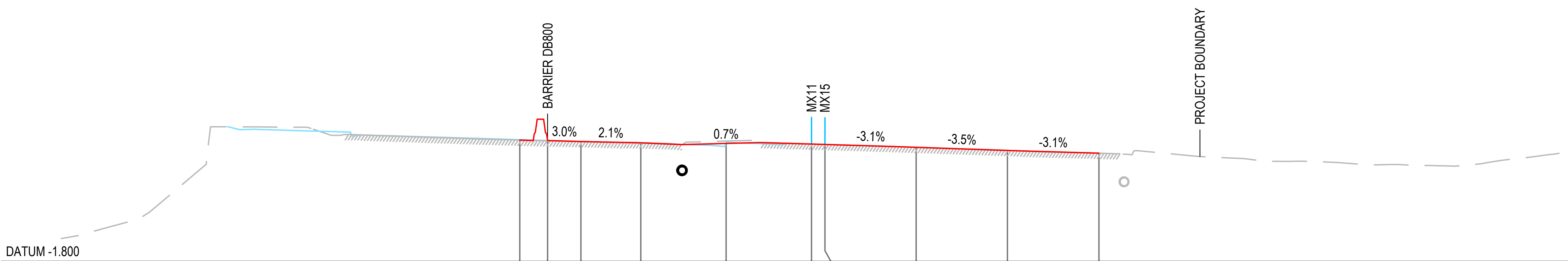
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



CUT STRINGS	EH12	ES11	LE12	LA12	L111	LE11	LE11	L111	LA12	LE11
DESIGN LEVELS	2.648	2.600	2.548	2.480	2.557	2.458	2.443	2.333	2.170	2.141
CUT \ FILL DEPTH	0.000	-0.017	0.000	0.000	0.000	0.000	-0.000	0.000	0.000	0.000
EXISTING LEVELS	2.648	2.617	2.548	2.480	2.557	2.458	2.443	2.333	2.170	2.141
DESIGN OFFSET	-10.790	-9.750	-8.000	-6.400	-3.200	0.000	0.500	3.799	7.099	8.533

CH 380.000



CUT STRINGS	EH12	ES11	LE12	LA12	L111	LE11	LE11	L111	LA12	LE11
DESIGN LEVELS	2.748	2.731	2.694	2.647	2.623	2.599	2.584	2.478	2.360	2.255
CUT \ FILL DEPTH	0.000	0.011	0.000	0.000	-0.089	0.000	0.000	0.000	-0.002	0.000
EXISTING LEVELS	2.748	2.720	2.694	2.647	2.712	2.599	2.584	2.478	2.362	2.255
DESIGN OFFSET	-10.930	-9.890	-8.640	-6.400	-3.200	0.000	0.500	3.919	7.339	10.765

CH 360.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME 22/01/2021 4:14:18 PM
PLOT BY Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 AT A3

CO-ORDINATE SYSTEM MGA ZONE 56
HEIGHT DATUM AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER JOHN HOLLAND SEYMOUR WHYTE TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 10 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No. TS-DRW-2160
ISSUE 01

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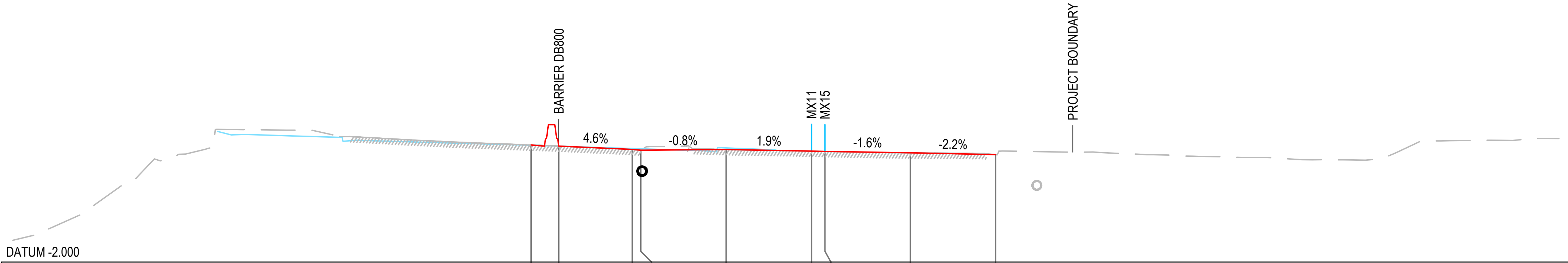
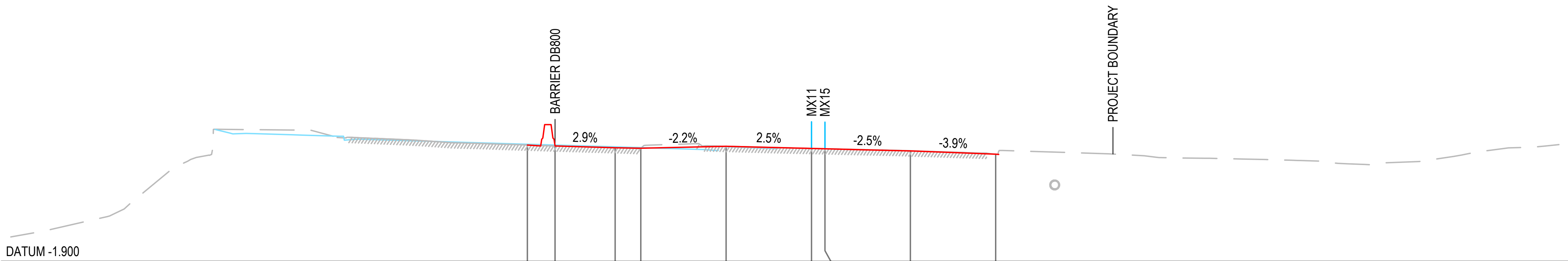
LEGEND

(dashed grey line)	EXISTING SURFACE
(blue line)	ULTIMATE DESIGN
(red line)	STAGING DESIGN



CUT STRINGS	EH12	ES11	LE12	LA12	L111	LE11	LE11	L111	LE12
DESIGN LEVELS	2.374	2.333	2.208	2.180	2.204	2.144	2.133	2.082	2.012
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
EXISTING LEVELS	2.374	2.333	2.208	2.180	2.204	2.144	2.133	2.080	2.012
DESIGN OFFSET	-10.510	-9.470	-6.720	-6.400	-3.200	0.000	0.500	3.700	6.900

CH 420.000



CUT STRINGS	EH12	ES11	LE12	LA12	L111	LE11	LE11	L111	LE12
DESIGN LEVELS	2.462	2.428	2.362	2.343	2.414	2.334	2.320	2.241	2.117
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	-0.003	-0.004	0.000
EXISTING LEVELS	2.462	2.428	2.362	2.343	2.414	2.334	2.323	2.245	2.117
DESIGN OFFSET	-10.650	-9.610	-7.360	-6.400	-3.200	0.000	0.500	3.700	6.900

CH 400.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:19 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 11 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2161
ISSUE: 01

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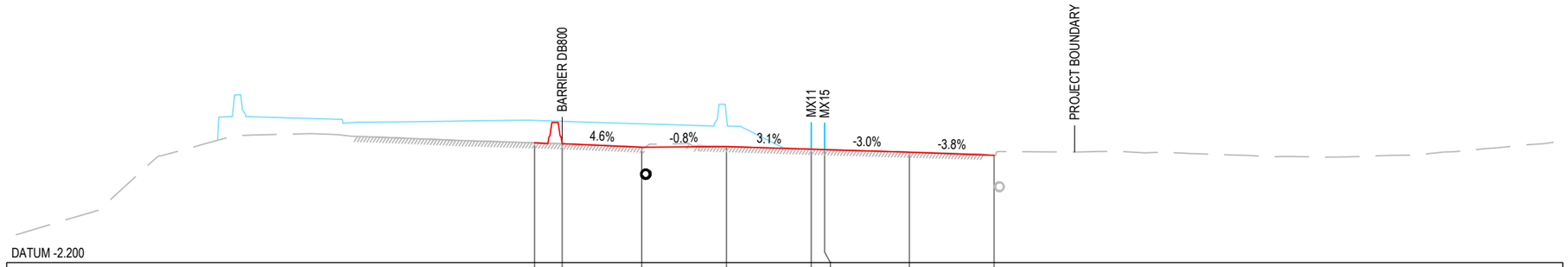
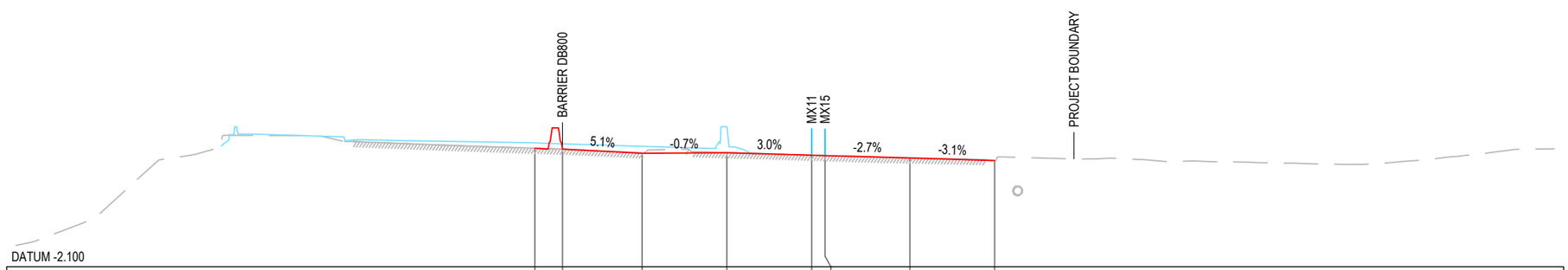
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



	EH12	ES11	LE12	L111	LE1I	LE11	L111	LE12
CUT STRINGS								
DESIGN LEVELS	2.321	2.288	2.151	2.177	2.079	2.063	1.967	1.847
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
EXISTING LEVELS	2.321	2.288	2.151	2.177	2.079	2.064	1.968	1.847
DESIGN OFFSET	-10.440	-9.400	-6.400	-3.200	0.000	0.500	3.700	6.900

CH 460.000



	EH12	ES11	LE12	L111	LE11	LE11	L111	LE12
CUT STRINGS								
DESIGN LEVELS	2.368	2.332	2.178	2.199	2.103	2.088	2.001	1.900
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	-0.004	0.000
EXISTING LEVELS	2.368	2.332	2.178	2.199	2.103	2.087	2.005	1.900
DESIGN OFFSET	-10.440	-9.400	-6.400	-3.200	0.000	0.500	3.700	6.900

CH 440.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-ANA-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:21 PM — PLOT BY: Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 12 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2162 | ISSUE: 01

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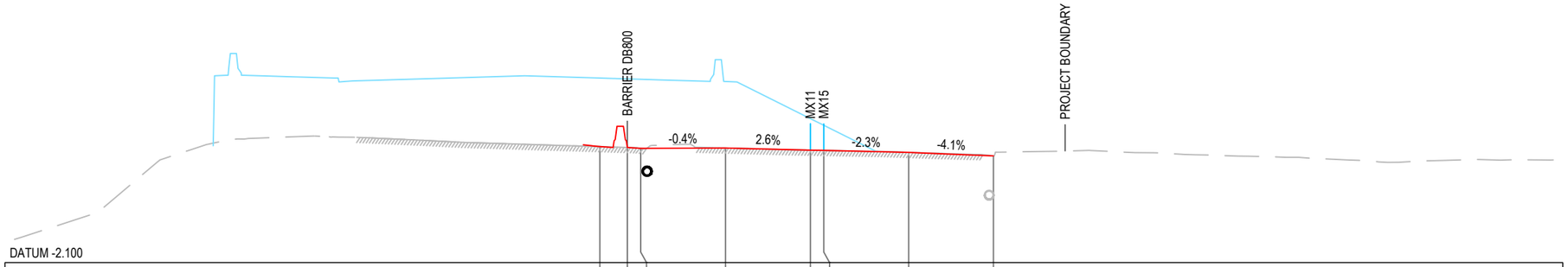
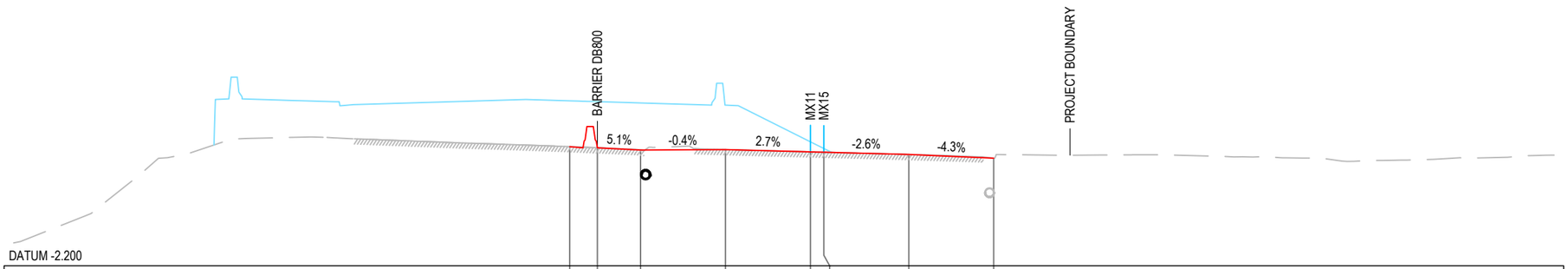
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



	EH12	ES11	LE1C	L111	LE1I	LE11	L111	LE12
CUT STRINGS								
DESIGN LEVELS	2.277	2.243	2.210	2.223	2.141	2.132	2.058	1.927
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.277	2.243	2.210	2.223	2.141	2.131	2.058	1.927
DESIGN OFFSET	-7.940	-6.900	-6.400	-3.200	0.000	0.500	3.700	6.900

CH 500.000



	EH12	ES11	LE12	L111	LE11	LE11	L111	LE12
CUT STRINGS								
DESIGN LEVELS	2.276	2.234	2.151	2.165	2.079	2.066	1.982	1.843
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
EXISTING LEVELS	2.276	2.234	2.151	2.165	2.079	2.066	1.980	1.843
DESIGN OFFSET	-9.065	-8.025	-6.400	-3.200	0.000	0.500	3.700	6.900

CH 480.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

PLOT DATE / TIME	PLOT BY
22/01/2021 4:14:22 PM	Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 13 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2163 | ISSUE: 01

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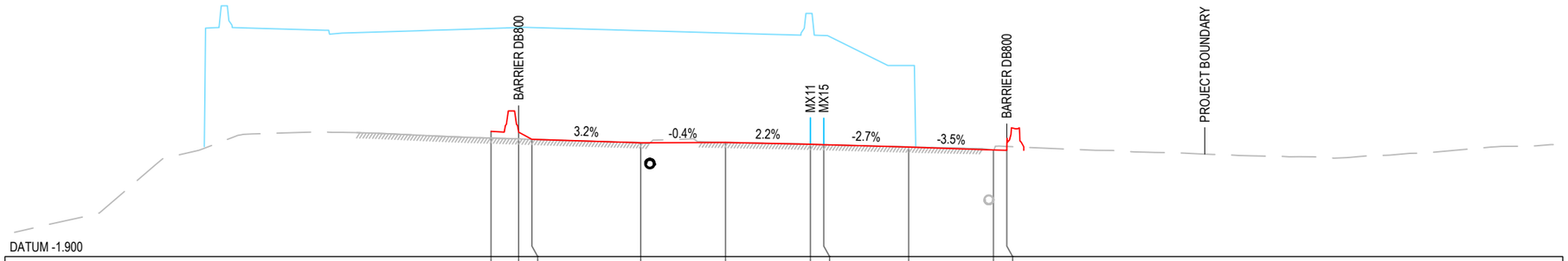
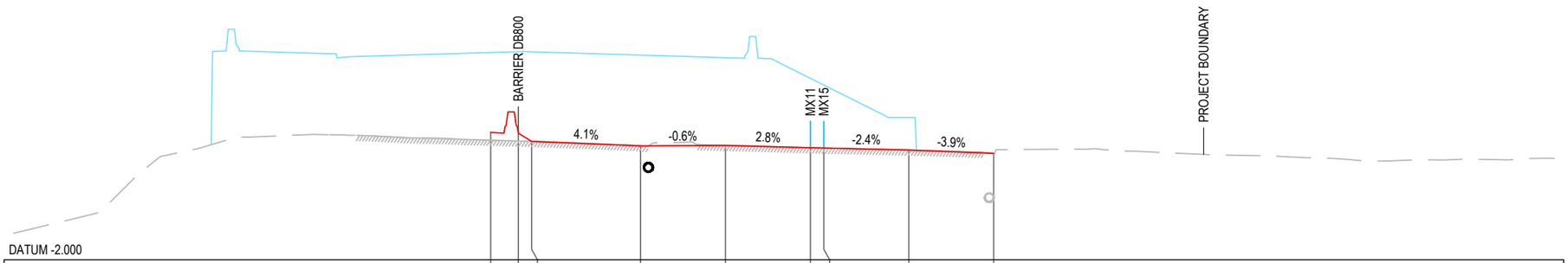
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



	EH12	ES11	LE1C	LA1C	L111	LE1I	LE11	L111	LE12	ES12
CUT STRINGS										
DESIGN LEVELS	2.825	2.794	2.524	2.395	2.407	2.336	2.320	2.234	2.123	2.108
CUT \ FILL DEPTH	0.252	0.252	0.000	0.000	0.000	0.000	-0.003	-0.001	0.000	-0.147
EXISTING LEVELS	2.573	2.541	2.524	2.395	2.407	2.336	2.323	2.235	2.123	2.255
DESIGN OFFSET	-12.040	-11.000	-10.500	-6.400	-3.200	0.000	0.500	3.700	6.900	7.400

CH 540.000



	EH12	ES11	LE1C	LA1C	L111	LE11	LE11	L111	LE12
CUT STRINGS									
DESIGN LEVELS	2.800	2.770	2.464	2.294	2.312	2.223	2.212	2.135	2.011
CUT \ FILL DEPTH	0.292	0.292	0.000	0.000	0.000	0.000	0.001	-0.000	0.000
EXISTING LEVELS	2.507	2.478	2.464	2.294	2.312	2.223	2.210	2.135	2.011
DESIGN OFFSET	-12.040	-11.000	-10.500	-6.400	-3.200	0.000	0.500	3.700	6.900

CH 520.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
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DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE_TITLEBLOCK-RMS-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
PLOT DATE / TIME: 22/01/2021 4:14:23 PM	PLOT BY: Kate Mercer	
TITLE		
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 14 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2164 | ISSUE: 01

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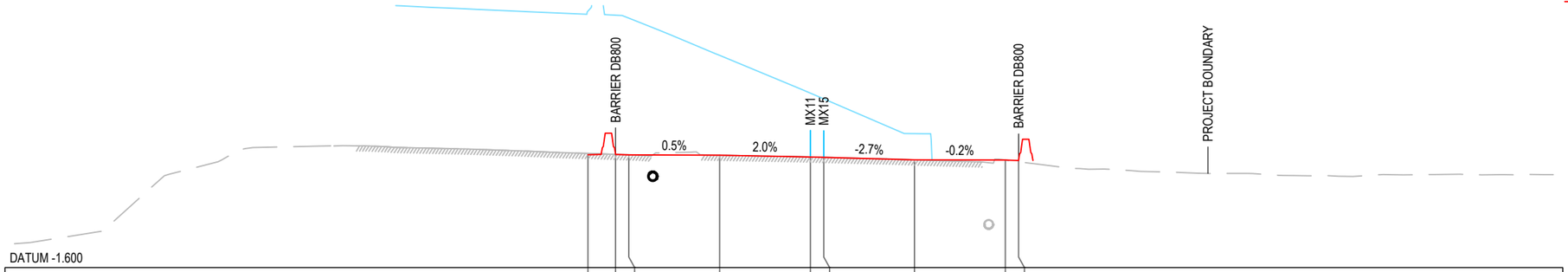
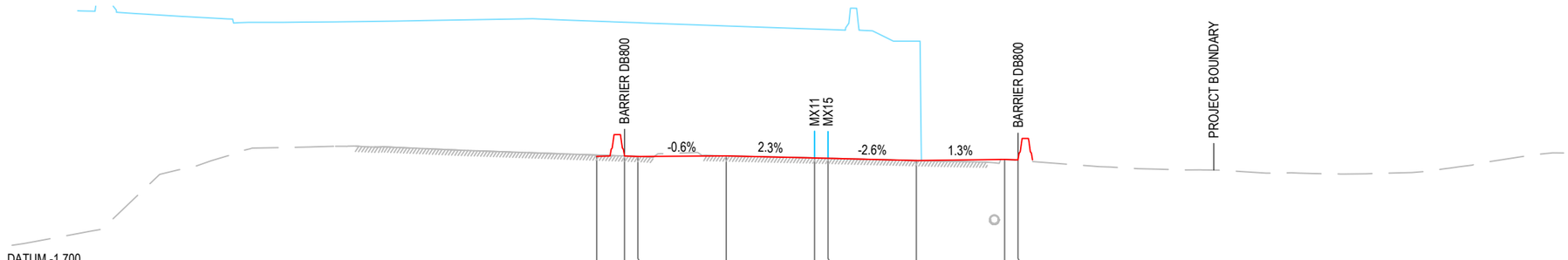
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.646	2.661	2.643	2.628	2.561	2.547	2.455	2.447	2.432
CUT \ FILL DEPTH	-0.051	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.048
EXISTING LEVELS	2.697	2.661	2.643	2.628	2.561	2.547	2.453	2.447	2.384
DESIGN OFFSET	-8.386	-7.346	-6.846	-3.423	0.000	0.500	3.923	7.346	7.846

CH 580.000



	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.508	2.523	2.506	2.525	2.450	2.437	2.352	2.395	2.380
CUT \ FILL DEPTH	-0.051	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.023
EXISTING LEVELS	2.559	2.523	2.506	2.525	2.450	2.436	2.352	2.395	2.356
DESIGN OFFSET	-8.146	-7.106	-6.606	-3.303	0.000	0.500	3.803	7.106	7.606

CH 560.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:24 PM — PLOT BY: Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 15 OF 25

RMS REGISTRATION No.: — PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No.: — SHEET No.: TS-DRW-2165 — ISSUE: 01

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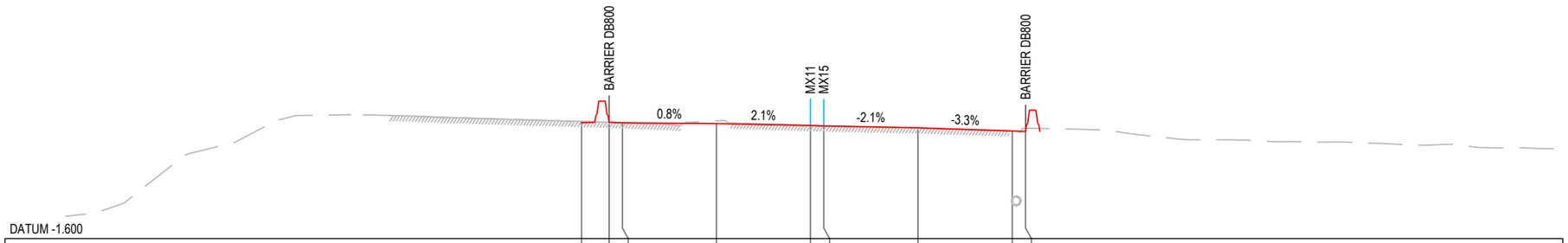
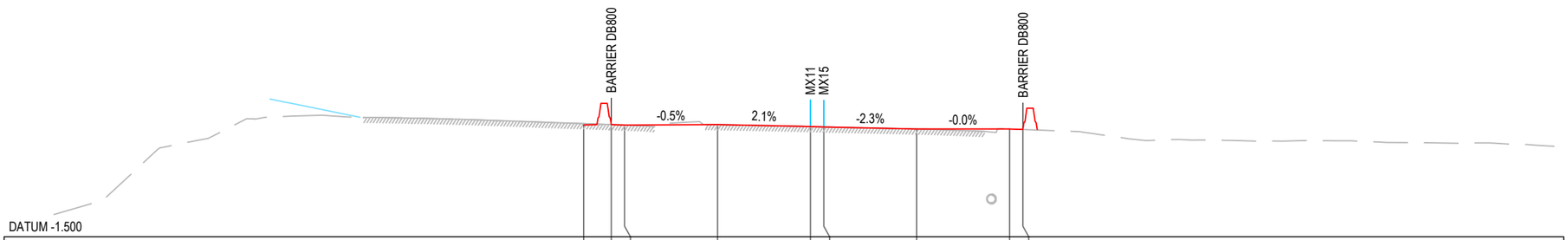
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



	EH13	ES11	LE12	L111	LE1I	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.769	2.784	2.765	2.736	2.664	2.647	2.574	2.456	2.441
CUT \ FILL DEPTH	-0.047	0.001	0.000	-0.101	0.000	0.001	-0.001	0.000	-0.120
EXISTING LEVELS	2.816	2.783	2.765	2.837	2.664	2.646	2.574	2.456	2.561
DESIGN OFFSET	-8.627	-7.587	-7.087	-3.544	0.000	0.500	4.054	7.609	8.109

CH 620.000



	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.707	2.722	2.704	2.721	2.648	2.635	2.556	2.556	2.541
CUT \ FILL DEPTH	-0.052	0.000	0.000	0.000	0.000	-0.002	0.000	0.000	0.003
EXISTING LEVELS	2.759	2.722	2.704	2.721	2.648	2.636	2.556	2.556	2.537
DESIGN OFFSET	-8.540	-7.500	-7.000	-3.500	0.000	0.500	4.000	7.500	8.000

CH 600.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 22/01/2021 4:14:25 PM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-ANX-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3
SHEET 16 OF 25

RMS REGISTRATION No.:
PART:
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: TS-DRW-2166
ISSUE: 01

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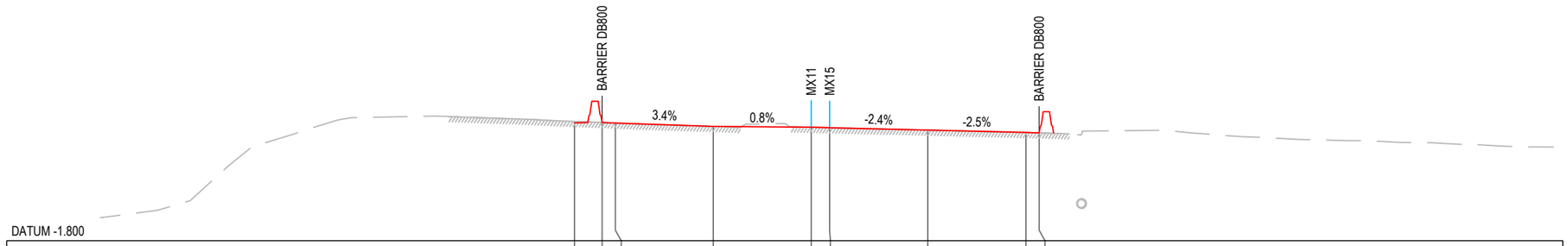
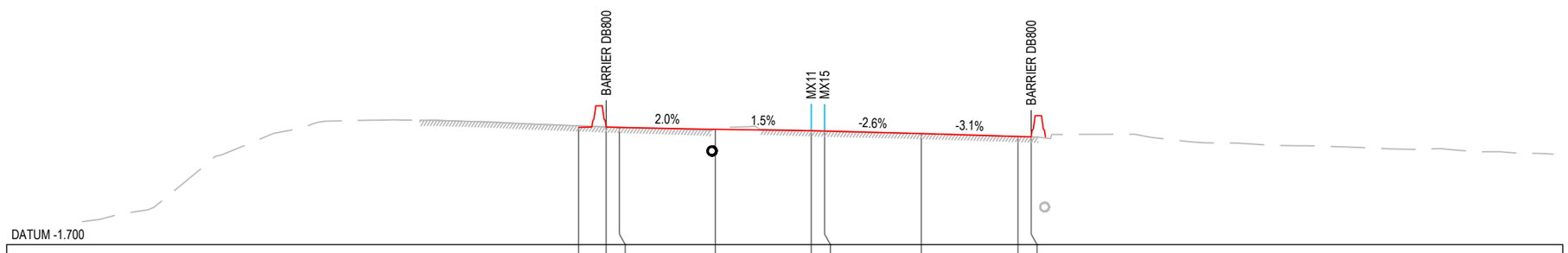
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.651	2.666	2.646	2.519	2.487	2.469	2.380	2.288	2.273
CUT \ FILL DEPTH	-0.056	0.000	0.000	0.000	0.000	0.001	-0.000	-0.001	-0.001
EXISTING LEVELS	2.707	2.666	2.646	2.519	2.487	2.468	2.380	2.290	2.274
DESIGN OFFSET	-8.933	-7.893	-7.393	-3.696	0.000	0.692	4.396	8.099	8.599

CH 660.000



	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.727	2.742	2.727	2.653	2.601	2.588	2.494	2.382	2.367
CUT \ FILL DEPTH	-0.060	-0.004	0.000	-0.051	0.000	0.001	0.000	0.000	0.001
EXISTING LEVELS	2.787	2.746	2.727	2.704	2.601	2.587	2.494	2.382	2.366
DESIGN OFFSET	-8.780	-7.740	-7.240	-3.620	0.000	0.500	4.149	7.798	8.298

CH 640.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-ANA-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:27 PM — PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 17 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2167 | ISSUE: 01

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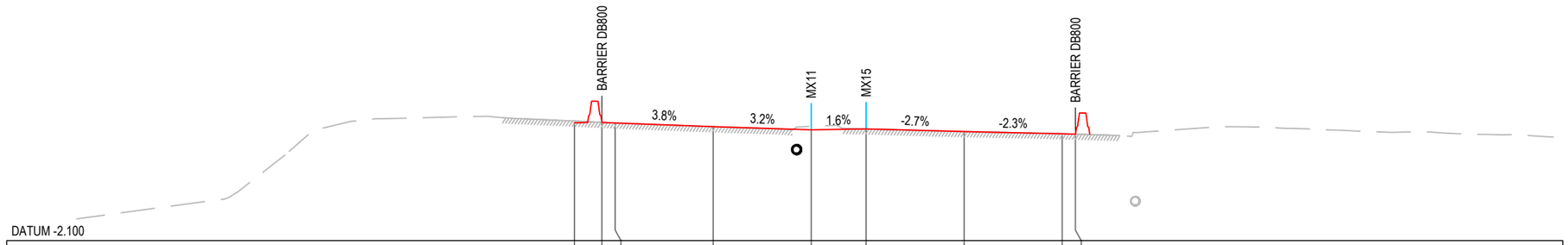
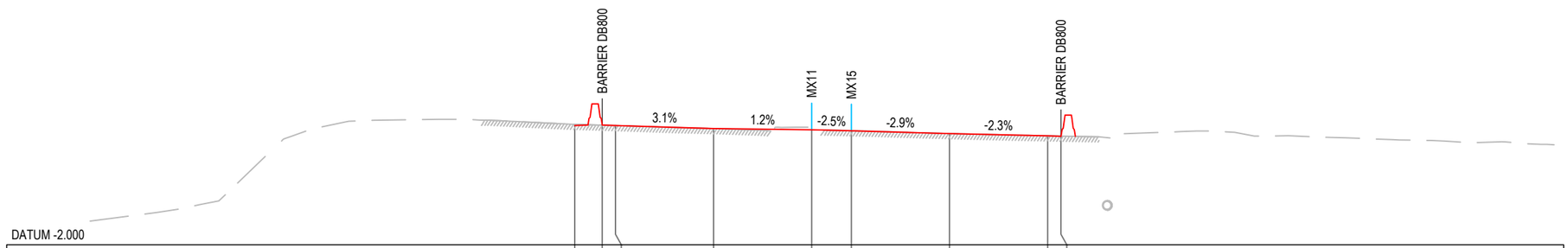
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.352	2.367	2.347	2.205	2.087	2.121	2.021	1.937	1.922
CUT \ FILL DEPTH	-0.069	-0.001	0.000	0.000	-0.132	-0.000	-0.000	-0.000	-0.001
EXISTING LEVELS	2.421	2.368	2.347	2.205	2.218	2.121	2.021	1.937	1.924
DESIGN OFFSET	-8.940	-7.900	-7.400	-3.700	0.000	2.066	5.767	9.468	9.968

CH 700.000



	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
CUT STRINGS									
DESIGN LEVELS	2.501	2.516	2.499	2.386	2.342	2.304	2.197	2.112	2.097
CUT \ FILL DEPTH	-0.045	0.001	0.000	0.000	-0.100	-0.001	-0.000	-0.000	-0.005
EXISTING LEVELS	2.547	2.516	2.499	2.386	2.442	2.305	2.197	2.112	2.102
DESIGN OFFSET	-8.940	-7.900	-7.400	-3.700	0.000	1.496	5.198	8.900	9.401

CH 680.000

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE_TITLEBLOCK-RMS-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:28 PM PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 18 OF 25

RMS REGISTRATION No.: PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN EDMS No.: SHEET No.: TS-DRW-2168 ISSUE: 01

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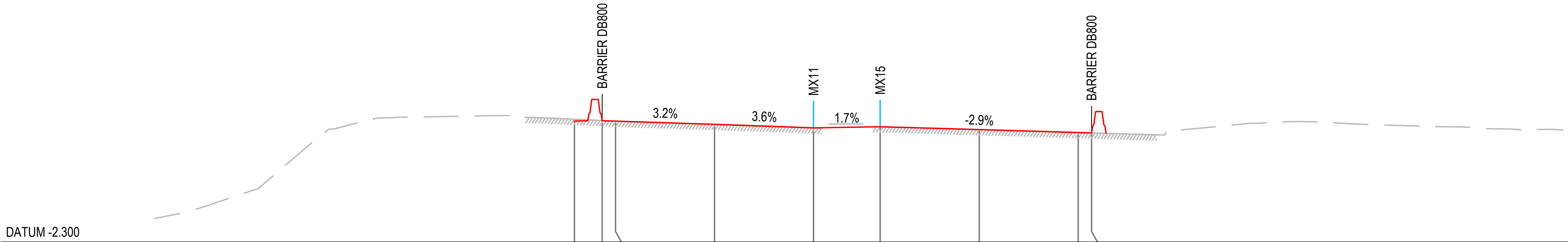
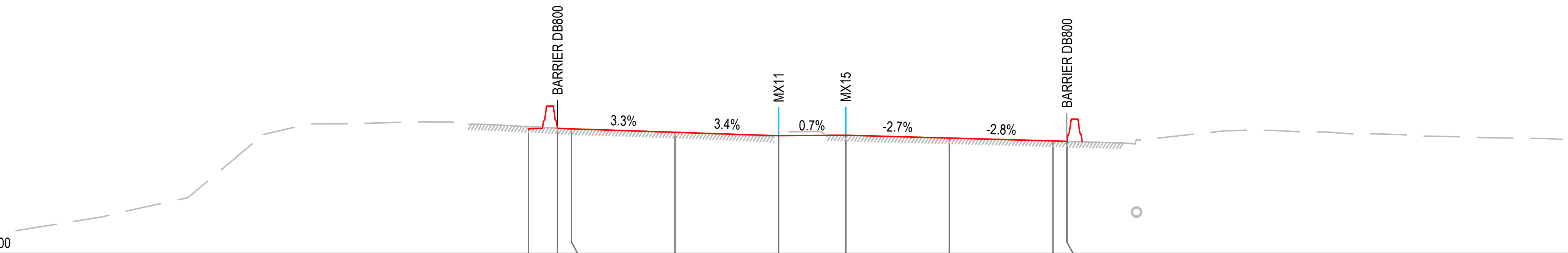
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



CUT STRINGS	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
DESIGN LEVELS	2.229	2.244	2.228	2.109	1.976	2.019	1.911	1.802	1.787
CUT \ FILL DEPTH	-0.070	-0.007	0.000	0.000	0.000	-0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	2.299	2.251	2.228	2.109	1.976	2.019	1.911	1.802	1.787
DESIGN OFFSET	-8.940	-7.900	-7.400	-3.700	0.000	2.489	6.189	9.889	10.389

CH 740.000



CUT STRINGS	EH13	ES11	LE12	L111	LE11	LE11	L111	LE12	ES12
DESIGN LEVELS	2.260	2.275	2.259	2.137	2.013	2.030	1.931	1.825	1.810
CUT \ FILL DEPTH	-0.080	-0.011	0.000	0.000	-0.121	0.003	-0.000	-0.000	0.000
EXISTING LEVELS	2.340	2.286	2.259	2.137	2.134	2.027	1.931	1.825	1.810
DESIGN OFFSET	-8.940	-7.900	-7.400	-3.700	0.000	2.398	6.098	9.799	10.299

CH 720.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING
SCALE 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:29 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

SHEET 19 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2169
ISSUE: 01

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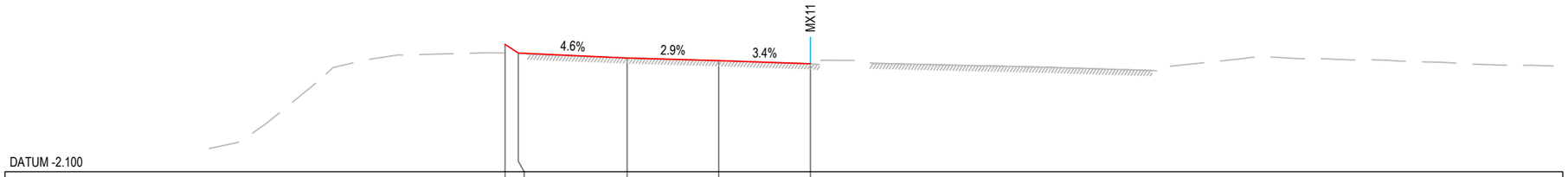
LEGEND

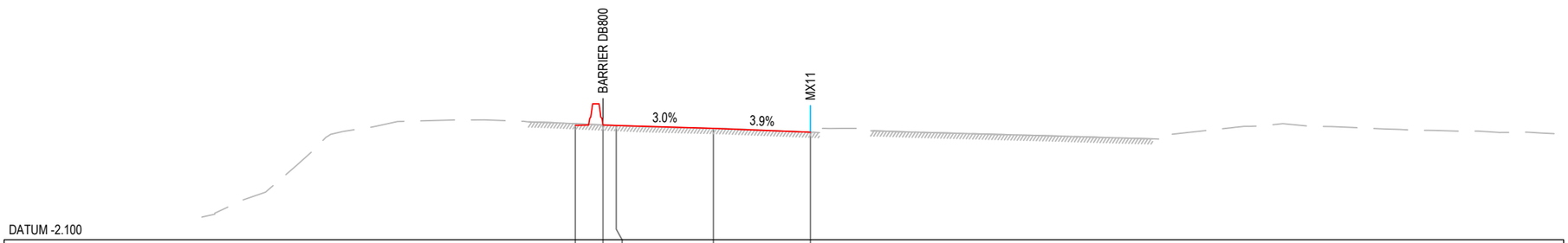
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -2.100

	ES11	LE1B	LA1B	L111	LE1I
CUT STRINGS					
DESIGN LEVELS	2.710	2.384	2.195	2.095	1.976
CUT \ FILL DEPTH	0.324	0.000	-0.003	0.000	0.000
EXISTING LEVELS	2.386	2.384	2.198	2.095	1.976
DESIGN OFFSET	-11.512	-11.012	-6.912	-3.456	0.000

CH 780.000



DATUM -2.100

	EH13	ES11	LE12	L111	LE1I
CUT STRINGS					
DESIGN LEVELS	2.214	2.229	2.209	2.100	1.958
CUT \ FILL DEPTH	-0.064	-0.002	0.000	0.000	0.000
EXISTING LEVELS	2.278	2.231	2.209	2.100	1.958
DESIGN OFFSET	-8.852	-7.812	-7.312	-3.656	0.000

CH 760.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-ANX-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
PLOT DATE / TIME: 22/01/2021 4:14:30 PM	PLOT BY: Kate Mercer	
TITLE		
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 20 OF 25

RMS REGISTRATION No.: PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No.: | SHEET No.: TS-DRW-2170 | ISSUE: 01

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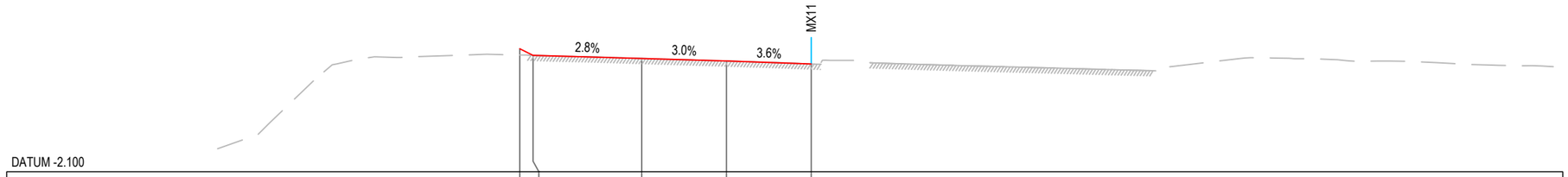
LEGEND

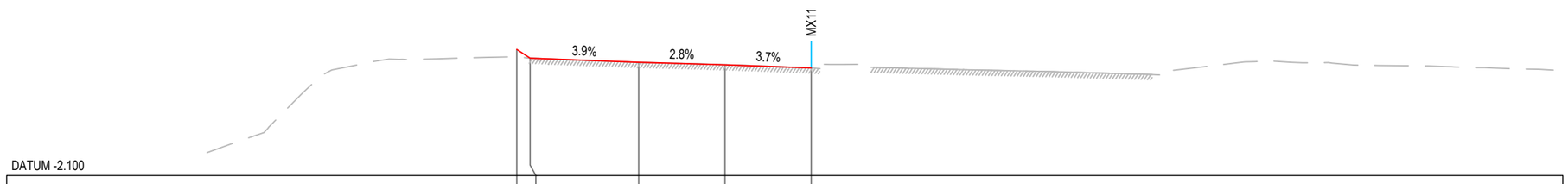
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -2.100

	ES11	LE1B	LA1B	L111	LE1I
CUT STRINGS					
DESIGN LEVELS	2.546	2.293	2.177	2.081	1.967
CUT \ FILL DEPTH	0.240	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.306	2.293	2.177	2.081	1.967
DESIGN OFFSET	-11.000	-10.500	-6.400	-3.200	0.000

CH 820.000



DATUM -2.100

	ES11	LE1B	LA1B	L111	LE1I
CUT STRINGS					
DESIGN LEVELS	2.662	2.335	2.175	2.085	1.963
CUT \ FILL DEPTH	0.281	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.380	2.335	2.174	2.085	1.963
DESIGN OFFSET	-11.112	-10.612	-6.512	-3.256	0.000

CH 800.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE_TITLEBLOCK-RMS-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
PLOT DATE / TIME: 22/01/2021 4:14:32 PM	PLOT BY: Kate Mercer	
TITLE		
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 21 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2171 | ISSUE: 01

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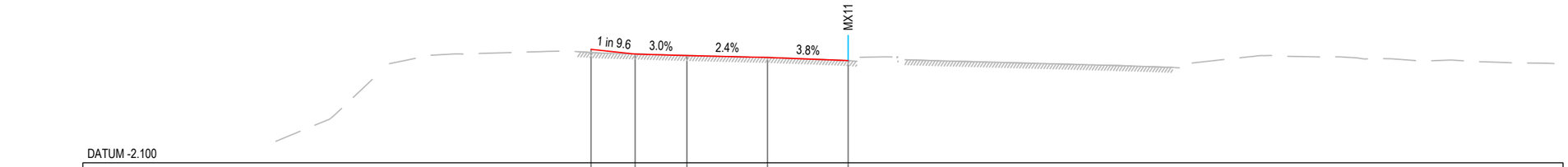
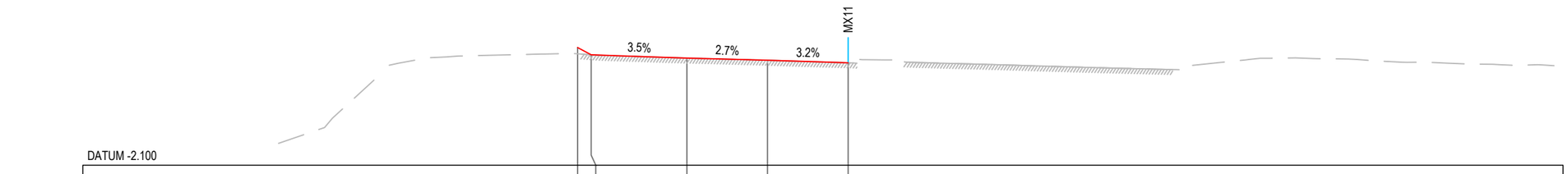
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



	ES11	LE1B	LA1B	L111	LE1I
CUT STRINGS					
DESIGN LEVELS	2.395	2.212	2.151	2.074	1.952
CUT \ FILL DEPTH	0.123	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.272	2.212	2.151	2.074	1.952
DESIGN OFFSET	-10.200	-8.450	-6.400	-3.200	0.000

CH 860.000



	ES11	LE1B	LA1B	L111	LE1I
CUT STRINGS					
DESIGN LEVELS	2.573	2.287	2.155	2.069	1.968
CUT \ FILL DEPTH	0.247	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.327	2.287	2.155	2.069	1.968
DESIGN OFFSET	-10.733	-10.196	-6.400	-3.200	0.000

CH 840.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE-TITLEBLOCK-RMS-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME	PLOT BY
22/01/2021 4:14:33 PM	Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION, MOTORWAYS, INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 22 OF 25

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: TS-DRW-2172 | ISSUE: 01

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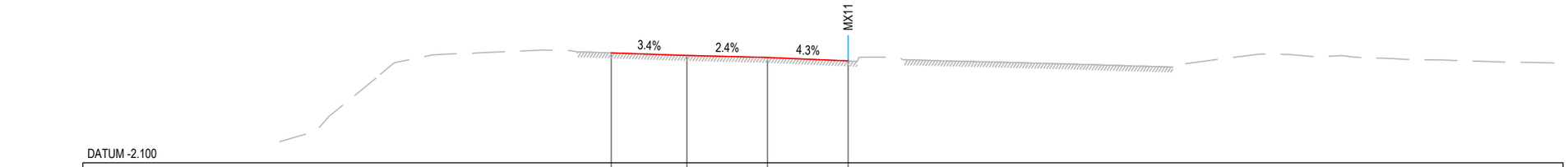
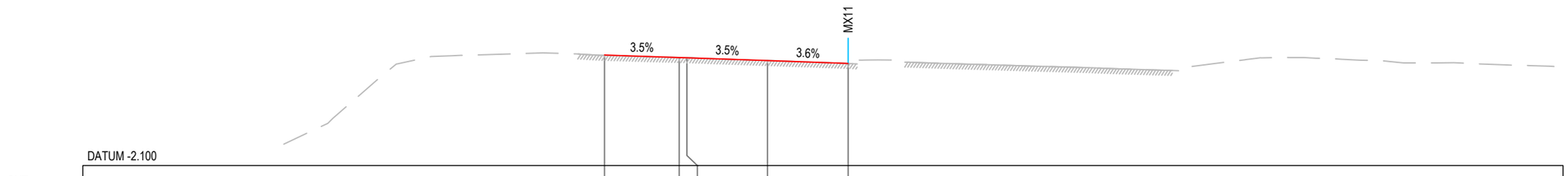
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



	ES11	LE12	L111	LE1I
CUT STRINGS				
DESIGN LEVELS	2.255	2.153	2.075	1.938
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.255	2.153	2.075	1.938
DESIGN OFFSET	-9.400	-6.400	-3.200	0.000

CH 900.000



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CUT STRINGS					
DESIGN LEVELS	2.284	2.181	2.174	2.062	1.948
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EXISTING LEVELS	2.267	2.181	2.174	2.062	1.948
DESIGN OFFSET	-9.667	-6.704	-6.400	-3.200	0.000

CH 880.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 22/01/2021 4:14:34 PM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE-TITLEBLOCK-RMS-A3 X:\0246-01-TS-2100-XSEC X:\0246-01-TS-XSEC-LEGEND	01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR: GREATER SYDNEY DIVISION MOTORWAYS INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

SHEET 23 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: TS-DRW-2173

ISSUE: 01

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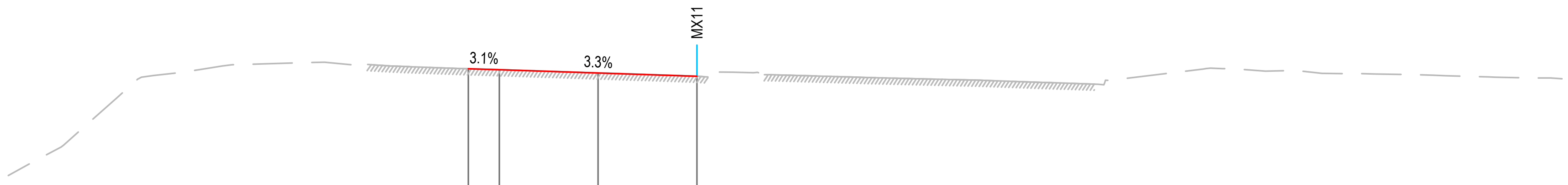
THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

LEGEND

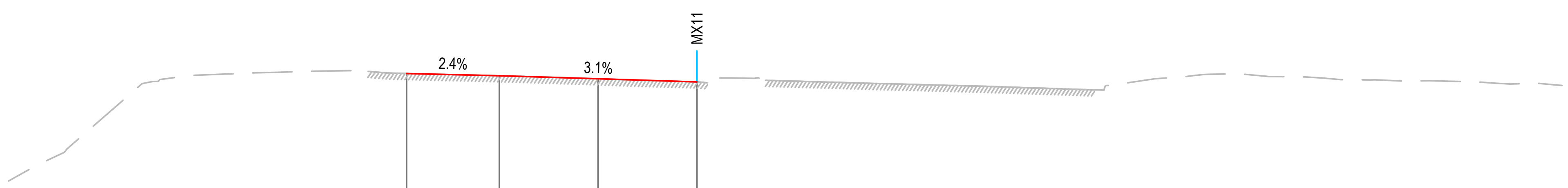
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -2.100

CUT STRINGS	ES11	LE12	L111	LE11
DESIGN LEVELS	2.195	2.164	2.059	1.953
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.195	2.164	2.059	1.953
DESIGN OFFSET	-7.400	-6.400	-3.200	0.000

CH 940.000



DATUM -2.100

CUT STRINGS	ES11	LE12	L111	LE11
DESIGN LEVELS	2.231	2.160	2.061	1.962
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.231	2.160	2.061	1.962
DESIGN OFFSET	-9.400	-6.400	-3.200	0.000

CH 920.000

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:36 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

SHEET 24 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2174
ISSUE: 01

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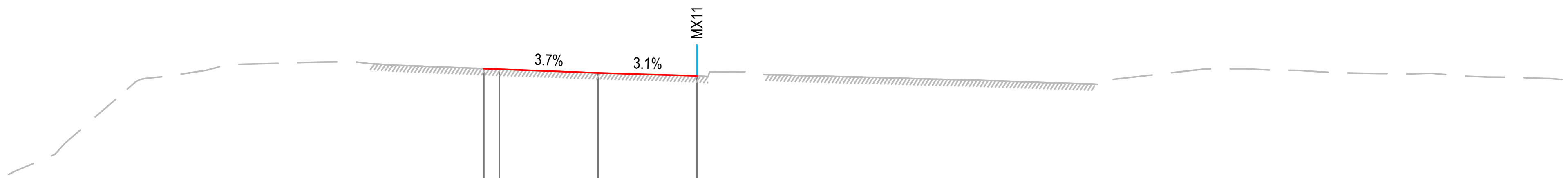
LEGEND

(grey dashed line)	EXISTING SURFACE
(blue line)	ULTIMATE DESIGN
(red line)	STAGING DESIGN



DATUM -2.100

CUT STRINGS	ES11	LE12	L111	LE11
DESIGN LEVELS	2.191	2.173	2.055	1.956
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000
EXISTING LEVELS	2.191	2.173	2.055	1.956
DESIGN OFFSET	-6.900	-6.400	-3.200	0.000

CH 960.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-01-CS-2151-2175.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			01	22.01.21	ISSUED FOR DEVELOPED CONCEPT DESIGN		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 — AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 22/01/2021 4:14:37 PM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	22.01.21
DRG CHECK	B.EVANS	22.01.21
DESIGN	B.VELLA	22.01.21
DESIGN CHECK	G.SMITH	22.01.21
DESIGN MNGR	M.YATES	22.01.21
PROJECT MNGR	M.YATES	22.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

PREPARED FOR
GREATER SYDNEY DIVISION
MOTORWAYS
INFRASTUCTURE AND PLACE

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
ZONE 1000 - TRAFFIC STAGING
PHASE 1A - CROSS SECTIONS MX11

A3

SHEET 25 OF 25

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: TS-DRW-2175
ISSUE: 01

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Transport Roads & Maritime Services

CITY OF SYDNEY, INNER WEST & BAYSIDE COUNCILS
NEW AIRPORT DRIVE AND QANTAS DRIVE
SYDNEY GATEWAY
STAGE 3 - TRAFFIC STAGING
DEVELOPED CONCEPT DESIGN

LOCALITY PLAN
NOT TO SCALE

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
150mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-GE-0001.dwg		LINEAR REFERENCING		PLOT DATE / TIME 15/01/2021 9:57:02 AM	PLOT BY Kate Mercer	CLIENT Transport Roads & Maritime Services	CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING
QR CODE / SCAN TO CHECK DOCUMENT VER.	DESIGNED SIGNED NAME W.LEE TITLE DATE 15.01.21	REVIEWED SIGNED NAME J.DeWIT TITLE DATE 15.01.21	APPROVED SIGNED NAME TITLE DATE	VALIDATION AND ACCEPTANCE OF THESE DRAWINGS AND THE DESIGN SHOWN THEREON IS TO BE CARRIED OUT UNDER SEPARATE PROCESS			RMS PROJECT No. RMS_PROJECT_NO DESIGN PROJECT No. RMS REGISTRATION No. ISSUE STATUS DEVELOPED CONCEPT DESIGN EDMS No. SHEET No. GE-0001 PART ISSUE D1 A3

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NUMBER	DESCRIPTION			REV
0246-03-GE-0001	STAGE 3 - TM1 & TM2	COVER SHEET	1 OF 1	D1
0246-03-GE-0011	STAGE 3 - TM1 & TM2	DRAWING INDEX	1 OF 1	D1
0246-03-GE-0021	STAGE 3 - TM1 & TM2	NOTES	1 OF 1	D1
0246-03-CS-3001	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	1 OF 11	D1
0246-03-CS-3002	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	2 OF 11	D1
0246-03-CS-3003	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	3 OF 11	D1
0246-03-CS-3004	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	4 OF 11	D1
0246-03-CS-3005	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	5 OF 11	D1
0246-03-CS-3006	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	6 OF 11	D1
0246-03-CS-3007	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	7 OF 11	D1
0246-03-CS-3008	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	8 OF 11	D1
0246-03-CS-3009	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	9 OF 11	D1
0246-03-CS-3010	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	10 OF 11	D1
0246-03-CS-3011	STAGE 3 - TM1 & TM2	TYPICAL SECTIONS	11 OF 11	D1
0246-03-CS-3101	STAGE 3 TM1 AND TM2	PHASE 1A - GENERAL ARRANGEMENT	1 OF 1	D1
0246-03-CS-3111	STAGE 3 TM1 AND TM2	PHASE 1A - PLAN	1 OF 6	D1
0246-03-CS-3112	STAGE 3 TM1 AND TM2	PHASE 1A - PLAN	2 OF 6	D1
0246-03-CS-3113	STAGE 3 TM1 AND TM2	PHASE 1A - PLAN	3 OF 6	D1
0246-03-CS-3114	STAGE 3 TM1 AND TM2	PHASE 1A - PLAN	4 OF 6	D1
0246-03-CS-3115	STAGE 3 TM1 AND TM2	PHASE 1A - PLAN	5 OF 6	D1
0246-03-CS-3116	STAGE 3 TM1 AND TM2	PHASE 1A - PLAN	6 OF 6	D1
0246-03-CS-3131	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	1 OF 9	D1
0246-03-CS-3132	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	2 OF 9	D1
0246-03-CS-3133	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	3 OF 9	D1
0246-03-CS-3134	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	4 OF 9	D1
0246-03-CS-3135	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	5 OF 9	D1
0246-03-CS-3136	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	6 OF 9	D1
0246-03-CS-3137	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	7 OF 9	D1
0246-03-CS-3138	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	8 OF 9	D1
0246-03-CS-3139	STAGE 3 TM1 AND TM2	PHASE 1A - LONGITUDINAL SECTIONS	9 OF 9	D1
0246-03-CS-3151	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	1 OF 29	D1
0246-03-CS-3152	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	2 OF 29	D1
0246-03-CS-3153	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	3 OF 29	D1
0246-03-CS-3154	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	4 OF 29	D1
0246-03-CS-3155	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	5 OF 29	D1
0246-03-CS-3156	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	6 OF 29	D1
0246-03-CS-3157	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	7 OF 29	D1
0246-03-CS-3158	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	8 OF 29	D1
0246-03-CS-3159	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	9 OF 29	D1
0246-03-CS-3160	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	10 OF 29	D1
0246-03-CS-3161	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	11 OF 29	D1
0246-03-CS-3162	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	12 OF 29	D1
0246-03-CS-3163	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	13 OF 29	D1
0246-03-CS-3164	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	14 OF 29	D1
0246-03-CS-3165	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	15 OF 29	D1
0246-03-CS-3166	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	16 OF 29	D1
0246-03-CS-3167	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	17 OF 29	D1
0246-03-CS-3168	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	18 OF 29	D1
0246-03-CS-3169	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	19 OF 29	D1
0246-03-CS-3170	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	20 OF 29	D1

NUMBER	DESCRIPTION			REV
0246-03-CS-3171	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX10	21 OF 29	D1
0246-03-CS-3172	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	22 OF 29	D1
0246-03-CS-3173	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	23 OF 29	D1
0246-03-CS-3174	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	24 OF 29	D1
0246-03-CS-3175	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	25 OF 29	D1
0246-03-CS-3176	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	26 OF 29	D1
0246-03-CS-3177	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	27 OF 29	D1
0246-03-CS-3178	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	28 OF 29	D1
0246-03-CS-3179	STAGE 3 TM1 AND TM2	PHASE 1A - CROSS SECTIONS - MX20	29 OF 29	D1
0246-03-CS-3201	STAGE 3 TM1 AND TM2	PHASE 1B - GENERAL ARRANGEMENT	1 OF 1	D1
0246-03-CS-3211	STAGE 3 TM1 AND TM2	PHASE 1B - PLAN	1 OF 6	D1
0246-03-CS-3212	STAGE 3 TM1 AND TM2	PHASE 1B - PLAN	2 OF 6	D1
0246-03-CS-3213	STAGE 3 TM1 AND TM2	PHASE 1B - PLAN	3 OF 6	D1
0246-03-CS-3214	STAGE 3 TM1 AND TM2	PHASE 1B - PLAN	4 OF 6	D1
0246-03-CS-3215	STAGE 3 TM1 AND TM2	PHASE 1B - PLAN	5 OF 6	D1
0246-03-CS-3216	STAGE 3 TM1 AND TM2	PHASE 1B - PLAN	6 OF 6	D1
0246-03-CS-3231	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	1 OF 9	D1
0246-03-CS-3232	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	2 OF 9	D1
0246-03-CS-3233	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	3 OF 9	D1
0246-03-CS-3234	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	4 OF 9	D1
0246-03-CS-3235	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	5 OF 9	D1
0246-03-CS-3236	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	6 OF 9	D1
0246-03-CS-3237	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	7 OF 9	D1
0246-03-CS-3238	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	8 OF 9	D1
0246-03-CS-3239	STAGE 3 TM1 AND TM2	PHASE 1B - LONGITUDINAL SECTIONS	9 OF 9	D1
0246-03-CS-3251	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	1 OF 29	D1
0246-03-CS-3252	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	2 OF 29	D1
0246-03-CS-3253	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	3 OF 29	D1
0246-03-CS-3254	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	4 OF 29	D1
0246-03-CS-3255	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	5 OF 29	D1
0246-03-CS-3256	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	6 OF 29	D1
0246-03-CS-3257	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	7 OF 29	D1
0246-03-CS-3258	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	8 OF 29	D1
0246-03-CS-3259	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	9 OF 29	D1
0246-03-CS-3260	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	10 OF 29	D1
0246-03-CS-3261	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	11 OF 29	D1
0246-03-CS-3262	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	12 OF 29	D1
0246-03-CS-3263	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	13 OF 29	D1
0246-03-CS-3264	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	14 OF 29	D1
0246-03-CS-3265	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	15 OF 29	D1
0246-03-CS-3266	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	16 OF 29	D1
0246-03-CS-3267	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	17 OF 29	D1
0246-03-CS-3268	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	18 OF 29	D1
0246-03-CS-3269	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	19 OF 29	D1
0246-03-CS-3270	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	20 OF 29	D1
0246-03-CS-3271	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	21 OF 29	D1
0246-03-CS-3272	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	22 OF 29	D1
0246-03-CS-3273	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	23 OF 29	D1
0246-03-CS-3274	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	24 OF 29	D1
0246-03-CS-3275	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	25 OF 29	D1
0246-03-CS-3276	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	26 OF 29	D1
0246-03-CS-3277	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	27 OF 29	D1
0246-03-CS-3278	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	28 OF 29	D1

NUMBER	DESCRIPTION			REV
0246-03-CS-3279	STAGE 3 TM1 AND TM2	PHASE 1B - CROSS SECTIONS	29 OF 29	D1
0246-03-CS-3701	STAGE 3 TM1 AND TM2	PHASE 3A - GENERAL ARRANGEMENT	1 OF 1	
0246-03-CS-3711	STAGE 3 TM1 AND TM2	PHASE 3A - PLAN	1 OF 6	
0246-03-CS-3712	STAGE 3 TM1 AND TM2	PHASE 3A - PLAN	2 OF 6	
0246-03-CS-3713	STAGE 3 TM1 AND TM2	PHASE 3A - PLAN	3 OF 6	
0246-03-CS-3714	STAGE 3 TM1 AND TM2	PHASE 3A - PLAN	4 OF 6	
0246-03-CS-3715	STAGE 3 TM1 AND TM2	PHASE 3A - PLAN	5 OF 6	
0246-03-CS-3716	STAGE 3 TM1 AND TM2	PHASE 3A - PLAN	6 OF 6	
0246-03-CS-3731	STAGE 3 TM1 AND TM2	PHASE 3A - LONGITUDINAL SECTIONS	1 OF 3	
0246-03-CS-3732	STAGE 3 TM1 AND TM2	PHASE 3A - LONGITUDINAL SECTIONS	2 OF 3	
0246-03-CS-3733	STAGE 3 TM1 AND TM2	PHASE 3A - LONGITUDINAL SECTIONS	3 OF 3	
0246-03-CS-3751	STAGE 3 TM1 AND TM2	PHASE 3A - CROSS SECTIONS	1 OF 3	

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50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:41 AM
PLOT BY: Kate Mercer

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

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SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
DRAWING INDEX

A3
SHEET 1 OF 1
RMS REGISTRATION No.
PART
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No. GE-0011
ISSUE D1

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GENERAL NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. COORDINATE CONTROL IS TO MAP GRID OF AUSTRALIA (MGA) ZONE 56. REDUCED LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
3. ALL SURVEY CONTROL MARKS, PERMANENT MARKS AND STATE SURVEY MARKS MUST BE PRESERVED. WHERE DISTURBANCE OF A SURVEY MARK OCCURS OR IS UNAVOIDABLE, ADVICE MUST BE SOUGHT FROM A SURVEYOR AUTHORISED BY THE SURVEYOR-GENERAL OR A SURVEYOR ENGAGED BY A NSW PUBLIC SURVEY AUTHORITY NOTING THAT A REPLACEMENT MARK OR MARKS MAY NEED TO BE INSTALLED.
4. ANY UTILITY INFORMATION SHOWN IN THESE DRAWINGS DOES NOT DEPICT ANY MORE THAN THE PRESENCE OF A SERVICE BASED ON AVAILABLE DOCUMENTARY EVIDENCE. THE PRESENCE OF A UTILITY SERVICE, ITS SIZE AND LOCATION SHALL BE CONFIRMED BY FIELD INSPECTION PRIOR TO THE COMMENCEMENT OF WORKS AND THE RELEVANT UTILITY PLANS OBTAINED BY DIALLING PH 1100 OR FAX 1300 652 077 (DIAL BEFORE YOU DIG). CAUTION SHOULD BE EXERCISED WHEN WORKING IN THE VICINITY OF ALL UTILITY SERVICES.
5. ALL MATERIALS AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH THE RELEVANT TFNSW SYDNEY GATEWAY D&C SPECIFICATIONS FOR THE WORK.

TEMPORARY BARRIERS AND FENCING

1. SAFETY BARRIER SYSTEMS MUST BE INSTALLED IN ACCORDANCE WITH “RMS SAFETY BARRIER SYSTEMS ACCEPTANCE CONDITIONS”.
2. CONSTRUCTION STAGING DESIGN HAS BEEN PREPARED ASSUMING:
3. SYSTEM WIDTH: 0.6M
4. DYNAMIC DEFLECTION: 0.5M
5. SAFETY BARRIER WORKING WIDTH TO BE IN ACCORDANCE WITH AUSTROADS GUIDE TO ROAD DESIGN (AGRD) PART 6 SECTION 6.3.17, ACCOUNTING FOR VEHICLE ROLL ALLOWANCE, DYNAMIC DEFLECTION (REFER TfNSW BARRIER ACCEPTANCE CONDITIONS), AND SYSTEM WIDTH AS PER SECTION 6.3.16
6. BARRIER WORKING WIDTH TO BE DELINEATED WHERE PEDESTRIAN PATHS OR SHARED PATHS ARE TO BE LOCATED ADJACENT TO TEMPORARY BARRIERS.
7. WHERE BARRIES MUST BE LOCATED BEHIND THE KERB, FACE OF BARRIER TO BE WITHIN 0.2M OF THE KERB, OR GREATER THAN 1.5M FROM THE KERB AS PER TCAWS SECTION 6.2.3
8. PEDESTRIAN SAFETY FENCE MUST BE ERECTED BETWEEN LIVE PEDESTRIAN PATHS AND CONSTRUCTION WORKS.

NOT FOR CONSTRUCTION

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0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-GE-0021.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:47 AM

PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW GOVERNMENT

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-00-GE NOTES	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

NOTES

SHEET 1 OF 1

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: GE-0021

ISSUE: D1

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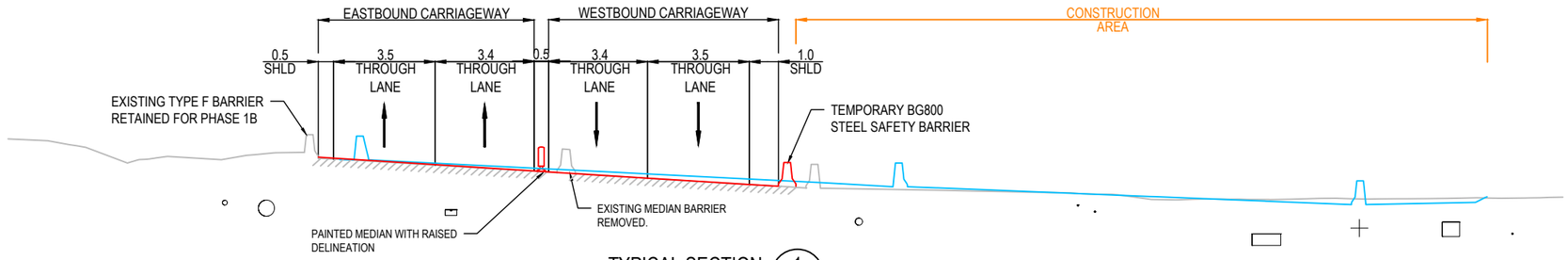
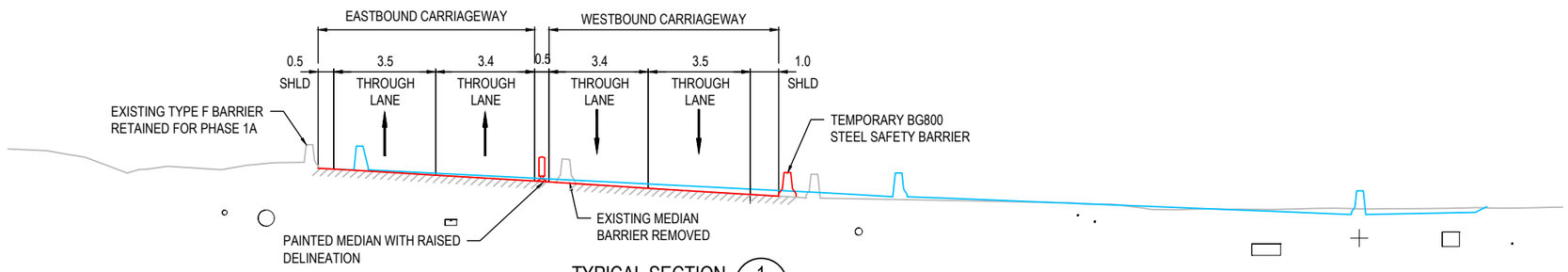
LEGEND

- EXISTING SURFACE
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 1 — CS-3101
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 1B
QANTAS DRIVE (MX10) CH 180



TYPICAL SECTION 1 — CS-3101
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 1A
QANTAS DRIVE (MX10) CH 180

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

SCALES ON A3 SIZE DRAWING: SCALE 1:200 (2 0 2 4) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:57:11 AM — PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3 — SHEET 1 OF 11

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3001 — ISSUE D1

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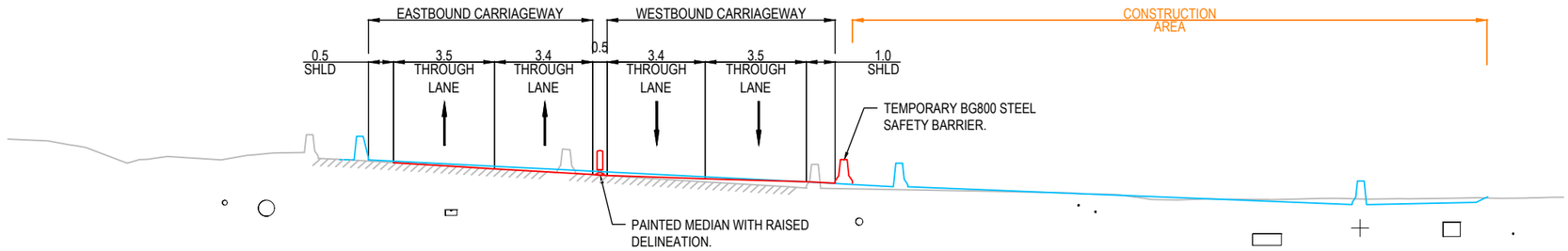
LEGEND

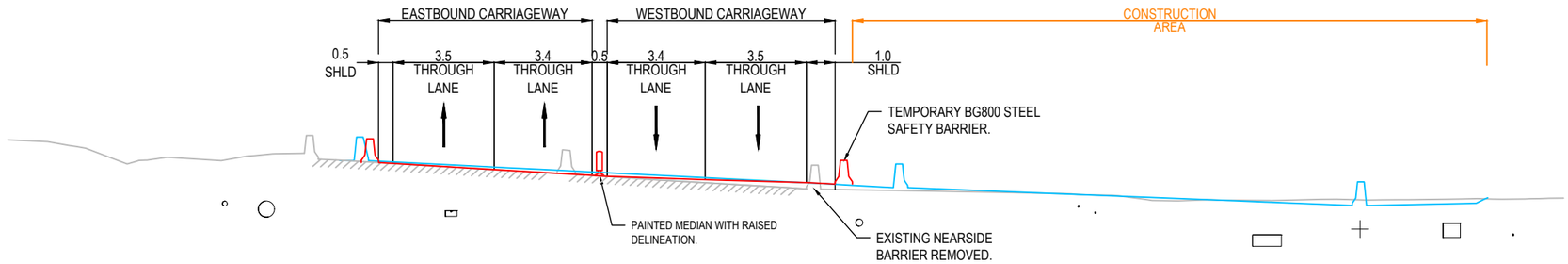
- EXISTING SURFACE
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 1 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 3A
QANTAS DRIVE (MX10) CH 180

HOLD



TYPICAL SECTION 1 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 2A
QANTAS DRIVE (MX10) CH 180

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
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DRAWING FILE LOCATION / NAME	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING
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SCALES ON A3 SIZE DRAWING
SCALE 1:200 2 0 2 4 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME	PLOT BY
15/01/2021 9:57:11 AM	Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3
SHEET 2 OF 11
RMS REGISTRATION No.
PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		CS-3002	D1

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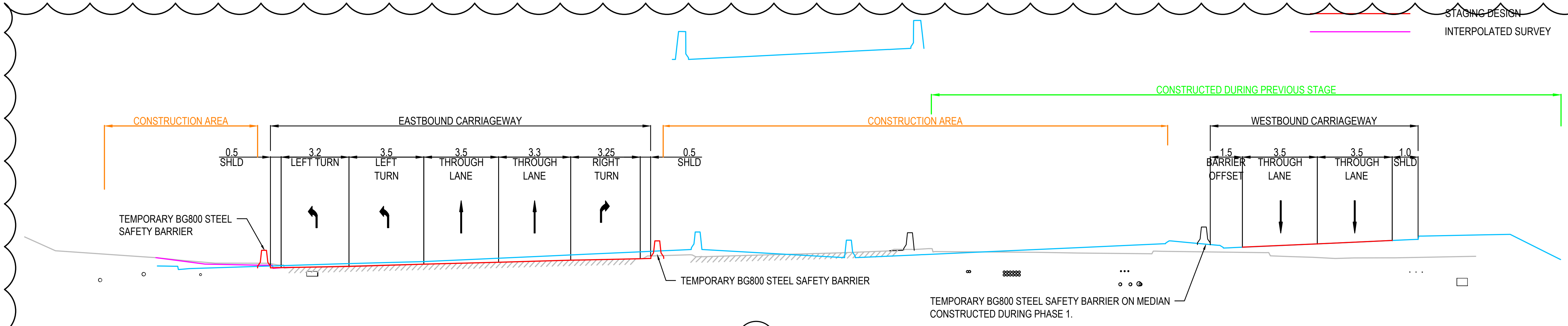
LEGEND

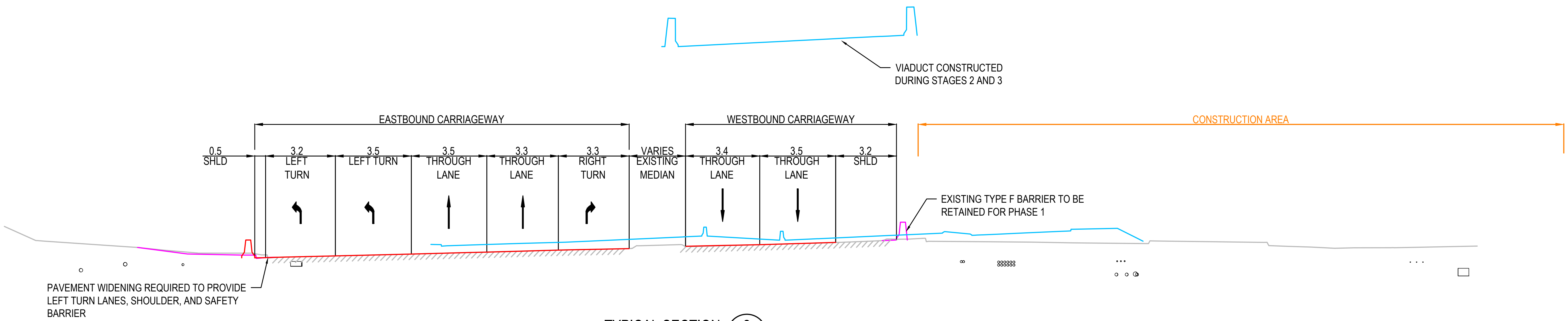
EXISTING SURFACE
EXISTING PAVEMENT
ULTIMATE DESIGN
STAGING DESIGN
INTERPOLATED SURVEY



TYPICAL SECTION 2
SCALE 1:200 CS-3101

STAGE 3 TM1 TM2 - PHASE 2A
QANTAS DRIVE (MX10) CH 580

HOLD



TYPICAL SECTION 2
SCALE 1:200 CS-3101

STAGE 3 TM1 TM2 - PHASE 1A & 1B
QANTAS DRIVE (MX10) CH 580

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50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE
DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING
PLOT DATE / TIME: 15/01/2021 9:57:12 AM
PLOT BY: Kate Mercer
CLIENT

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	08.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:200 AT A3
DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING
CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

TITLE	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3
SHEET 3 OF 11
RMS REGISTRATION No.
PART
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3003
ISSUE: D1

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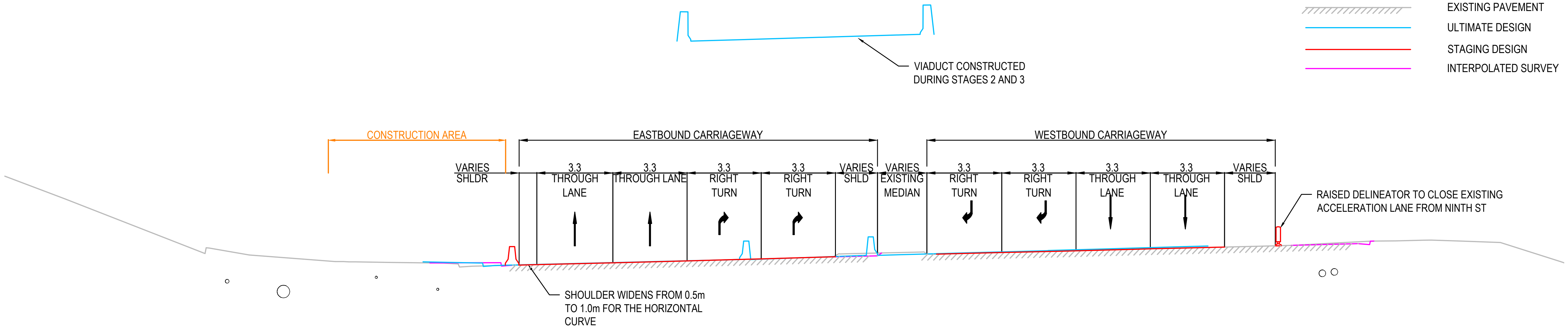
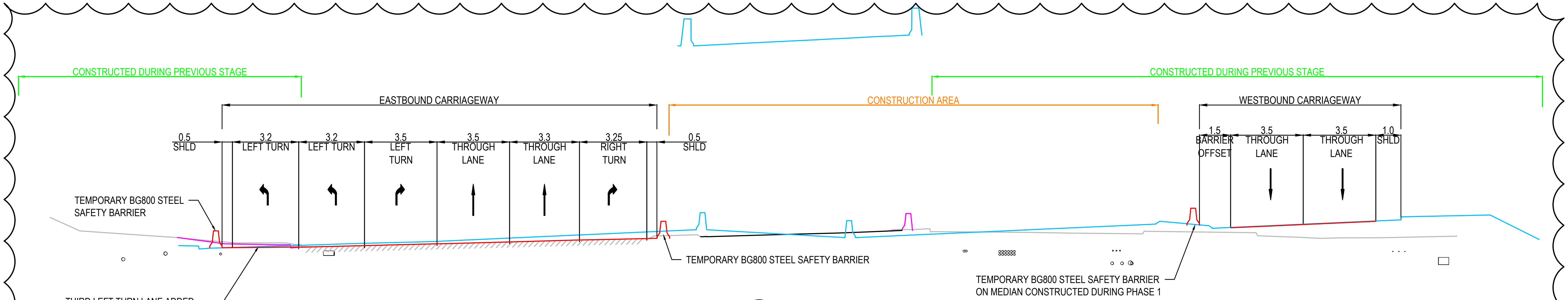
LEGEND

- EXISTING SURFACE
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 3
SCALE 1:200 CS-3101

STAGE 3 TM1 TM2 - PHASE 1A & 1B
QANTAS DRIVE (MX10) CH 720



TYPICAL SECTION 2
SCALE 1:200 CS-3101

STAGE 3 TM1 TM2 - PHASE 3A
QANTAS DRIVE (MX10) CH 580

HOLD

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50mm ON A3 SIZE ORIGINAL

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REV: D1	DATE: 08.01.21	AMENDMENT / REVISION DESCRIPTION: INTERNAL DCD REVIEW	APPROVAL: M.YATES	
SCALES ON A3 SIZE DRAWING: SCALE 1:200 (AT A3)	DRAWINGS / DESIGN PREPARED BY: DESIGNER JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING	CO-ORDINATE SYSTEM: MGA ZONE 56	HEIGHT DATUM: AHD	

TITLE	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3 — SHEET 4 OF 11

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | SHEET No.: CS-3004 | ISSUE: D1

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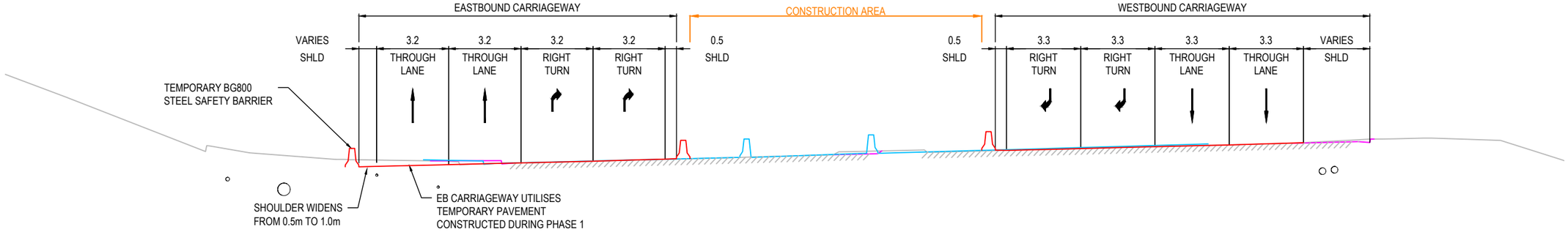
LEGEND

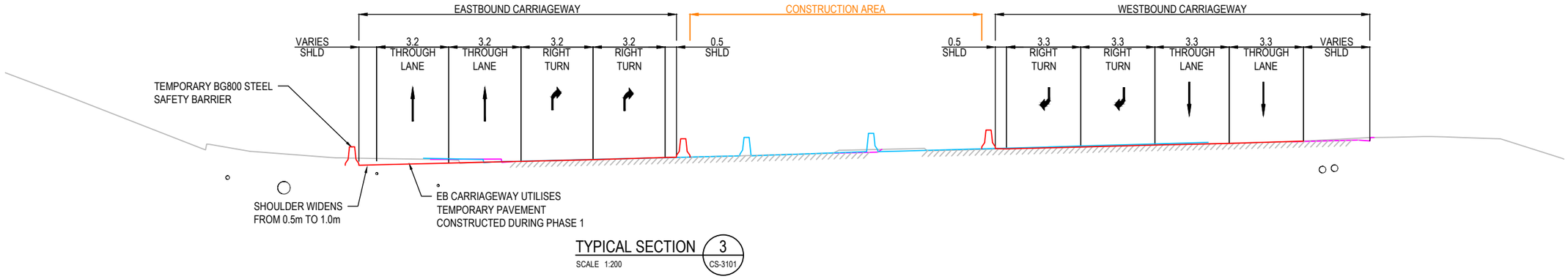
EXISTING SURFACE
EXISTING PAVEMENT
ULTIMATE DESIGN
STAGING DESIGN
INTERPOLATED SURVEY



TYPICAL SECTION 3 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 3A
QANTAS DRIVE (MX10) CH 720

HOLD



TYPICAL SECTION 3 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 2A
QANTAS DRIVE (MX10) CH 720

NOT FOR CONSTRUCTION

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DRAWING FILE LOCATION / NAME: C:\12ds\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3001-3011.dwg
DESIGN LOT CODE:
DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-TS-TYP-XSEC_X:\0246-00-QE-TITLEBLOCK-RMS-A3	D1	08.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:200 (2 0 2 4 AT A3)
CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE together a VINCI | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:57:13 AM
PLOT BY: Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS
A3
SHEET 5 OF 11
RMS REGISTRATION No.
PART
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No: CS-3005
ISSUE: D1

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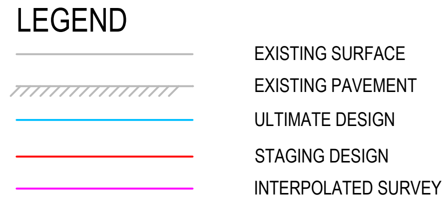
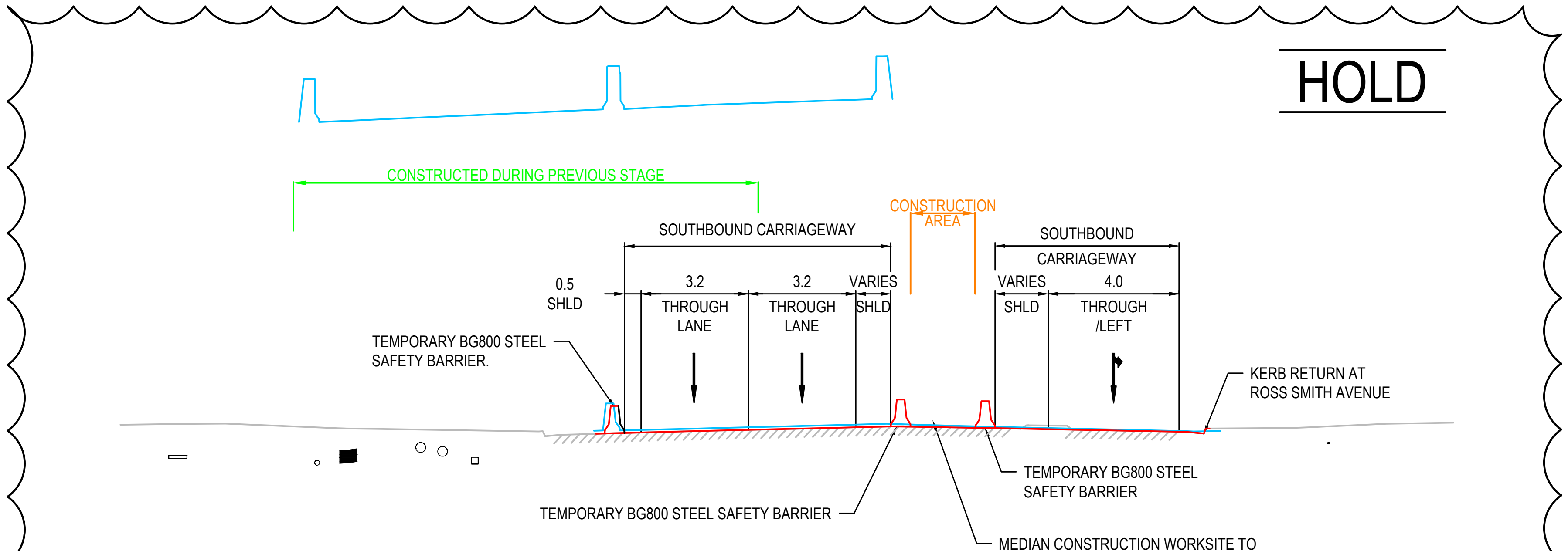
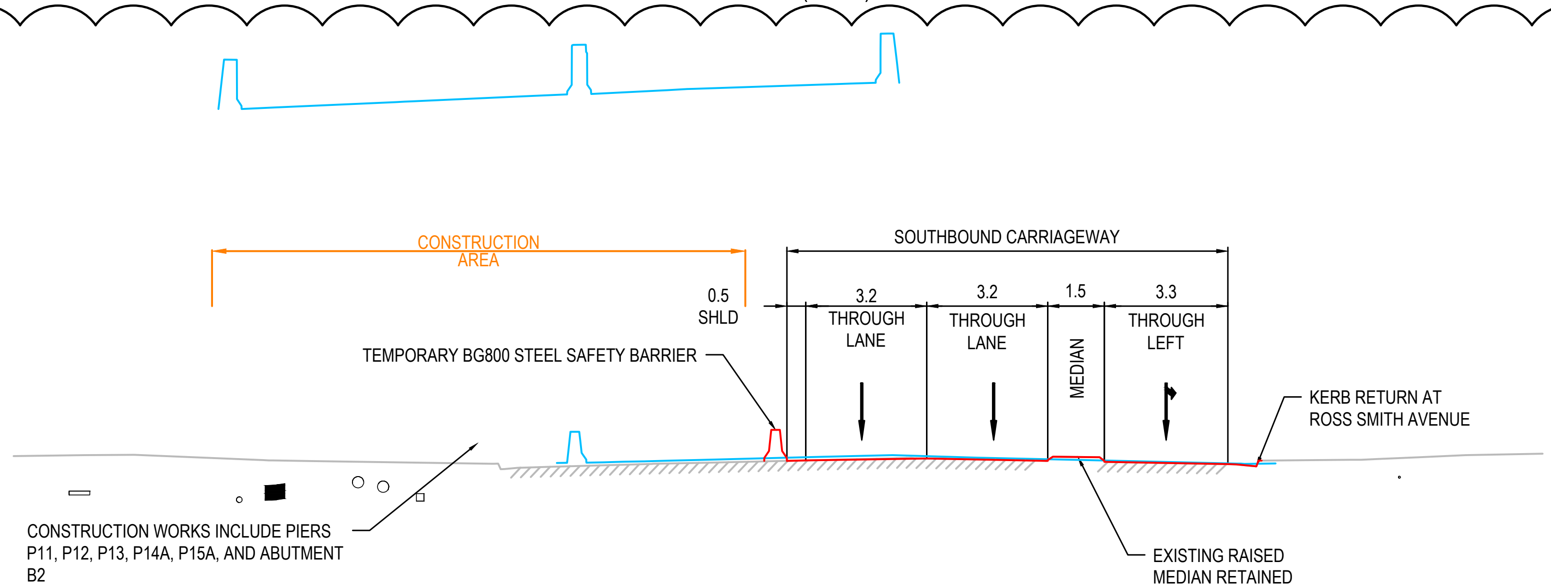




TYPICAL SECTION 4 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 2A
SIR REGINALD ANSETT DRIVE (MX20) CH 140



TYPICAL SECTION 4 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 1A & 1B
SIR REGINALD ANSETT DRIVE (MX20) CH 140

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50mm ON A3 SIZE ORIGINAL

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DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3001-3011.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-TS-TYP-XSEC X-0246-00-GE-TITLEBLOCK-RMS-A3.	D1	08.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:200 (AT A3)

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE together with VINCI | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:57:14 AM

PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2

TYPICAL SECTIONS

A3

SHEET 6 OF 11

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No. CS-3006

ISSUE D1

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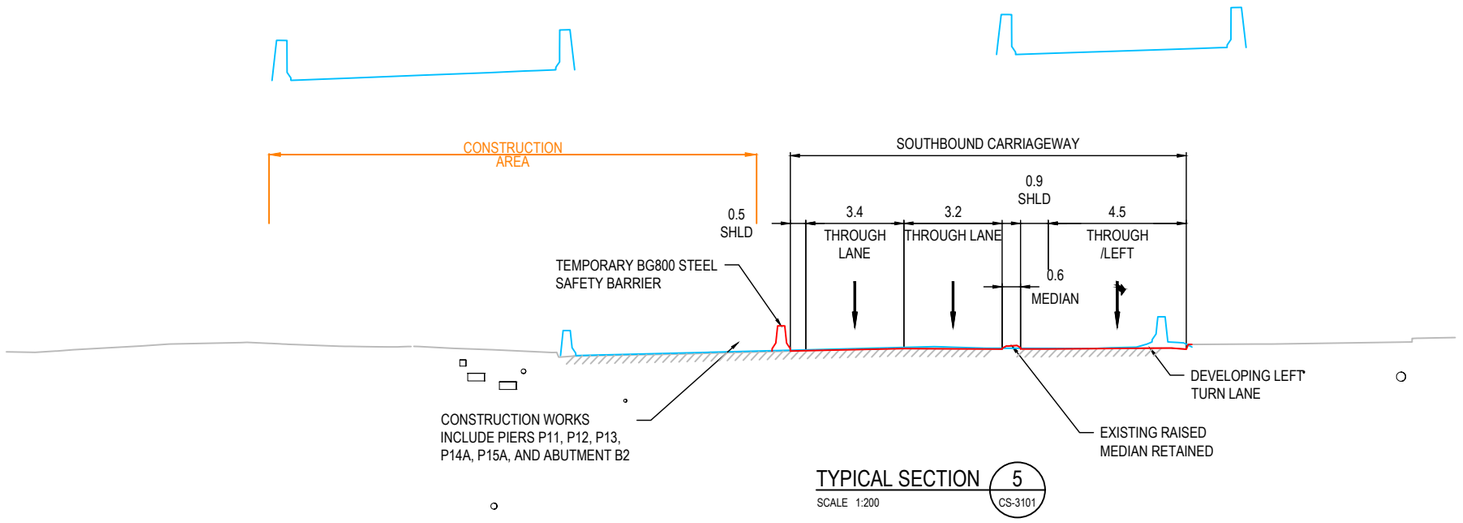
LEGEND

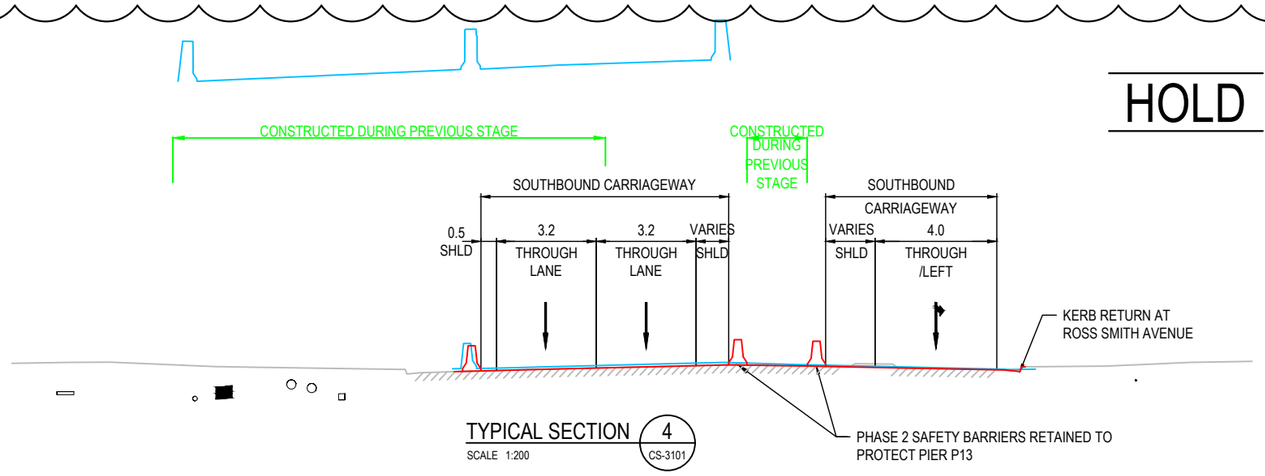
- EXISTING SURFACE
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 5
SCALE 1:200 CS-3101

STAGE 3 TM1 TM2 - PHASE 1A & 1B
SIR REGINALD ANSETT DRIVE (MX20) CH 180

HOLD



TYPICAL SECTION 4
SCALE 1:200 CS-3101

STAGE 3 TM1 TM2 - PHASE 3A
SIR REGINALD ANSETT DRIVE (MX20) CH 140

NOT FOR CONSTRUCTION

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DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3001-3011.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

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PLOT BY: Kate Mercer

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SCALES ON A3 SIZE DRAWING: SCALE 1:200 (2 0 2 4) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3
SHEET 7 OF 11

RMS REGISTRATION No.:
PART:
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: CS-3007
ISSUE: D1

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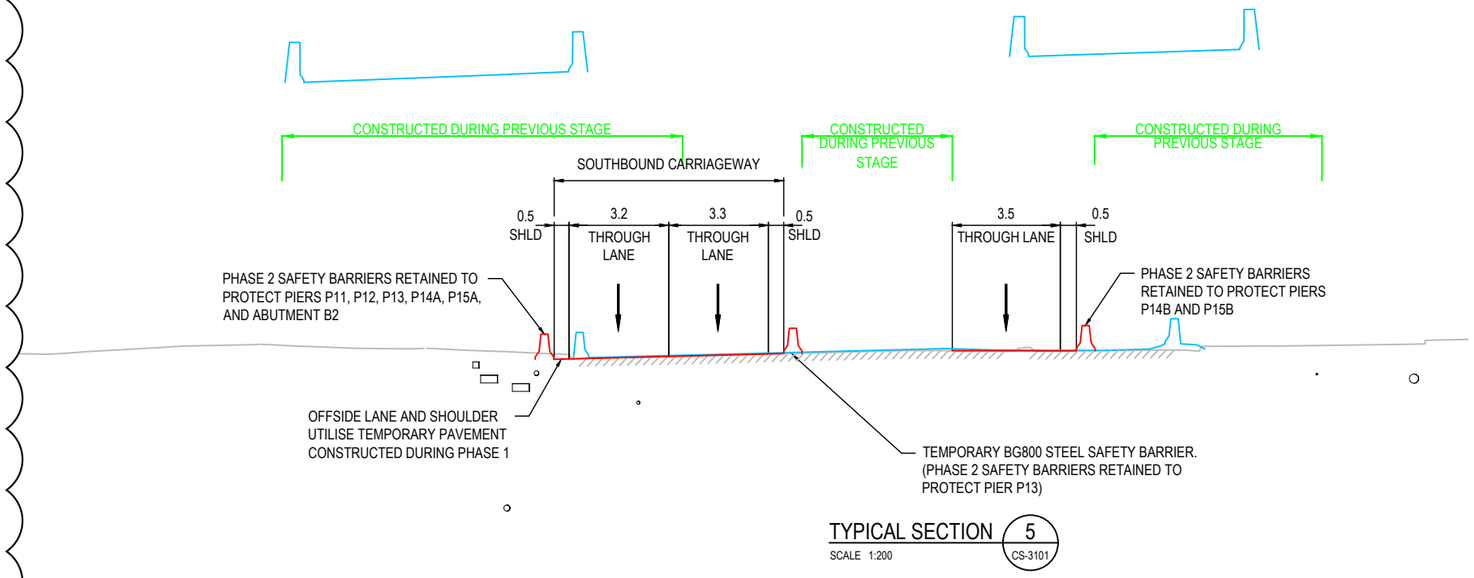
LEGEND

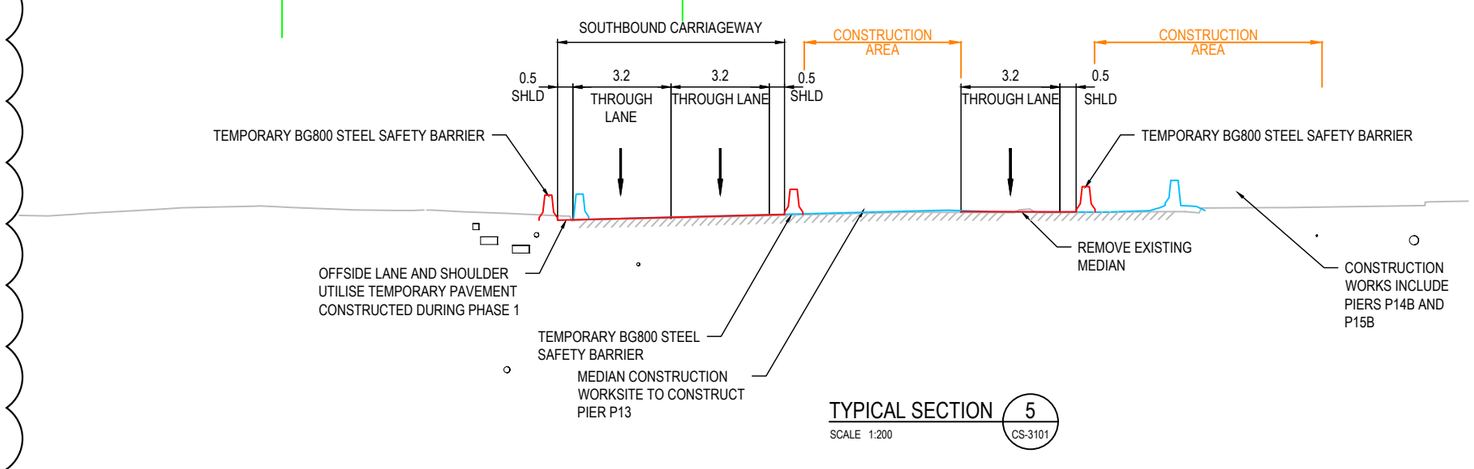
- EXISTING SURFACE
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 5 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 3A
SIR REGINALD ANSETT DRIVE (MX20) CH 180

HOLD



TYPICAL SECTION 5 (CS-3101)
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 2A
SIR REGINALD ANSETT DRIVE (MX20) CH 180

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SCALES ON A3 SIZE DRAWING: SCALE 1:200 (2 0 2 4 AT A3)

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3 | SHEET 8 OF 11 | PART

RMS REGISTRATION No.

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No. CS-3008 | ISSUE D1

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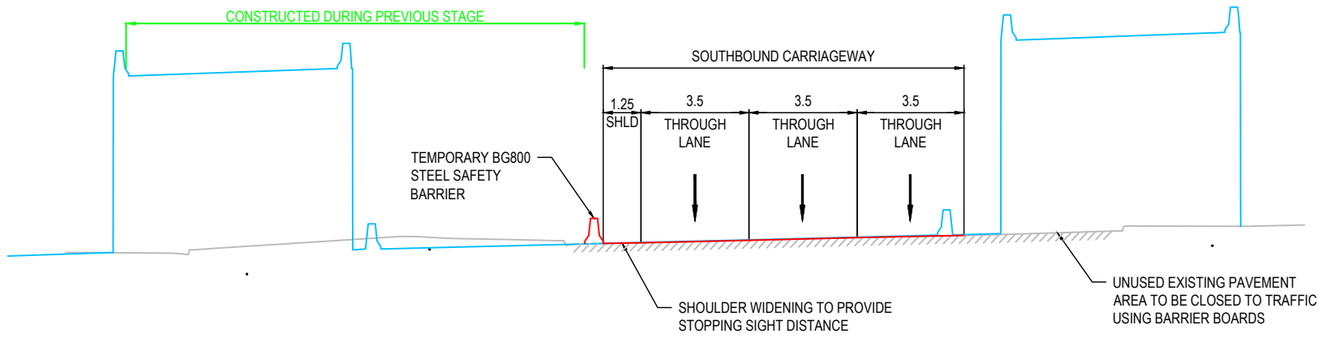
LEGEND

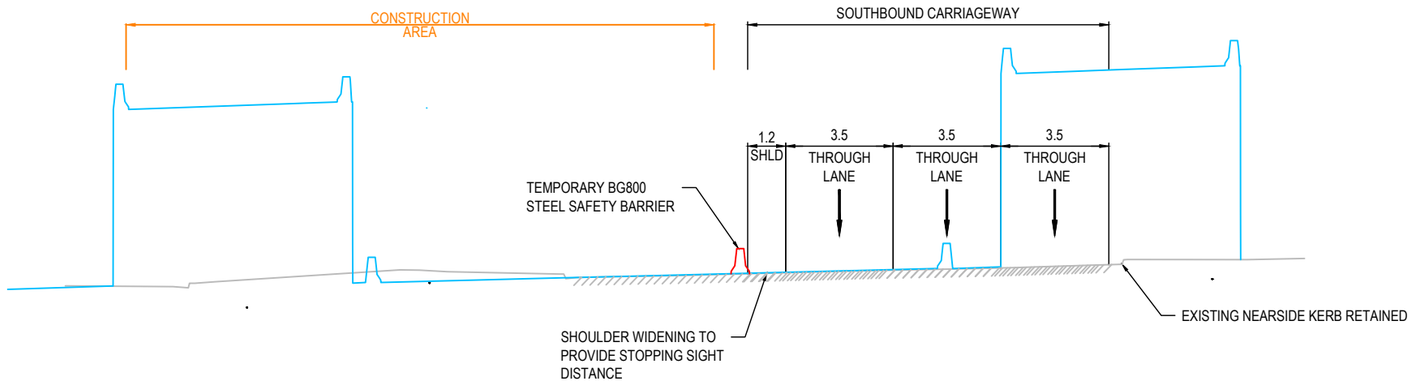
- EXISTING SURFACE
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY

HOLD



TYPICAL SECTION 6 — CS-3101
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 2A
SIR REGINALD ANSETT DRIVE (MX20) CH 260



TYPICAL SECTION 6 — CS-3101
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 1A & 1B
SIR REGINALD ANSETT DRIVE (MX20) CH 260

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PLOT BY: Kate Mercer

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SCALES ON A3 SIZE DRAWING: SCALE 1:200 (2 0 2 4) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3
SHEET 9 OF 11

RMS REGISTRATION No.:
PART:
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: CS-3009
ISSUE: D1

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LEGEND

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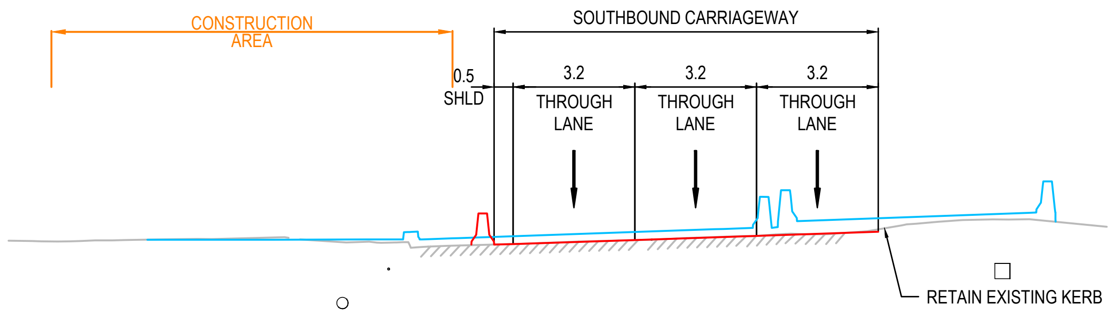
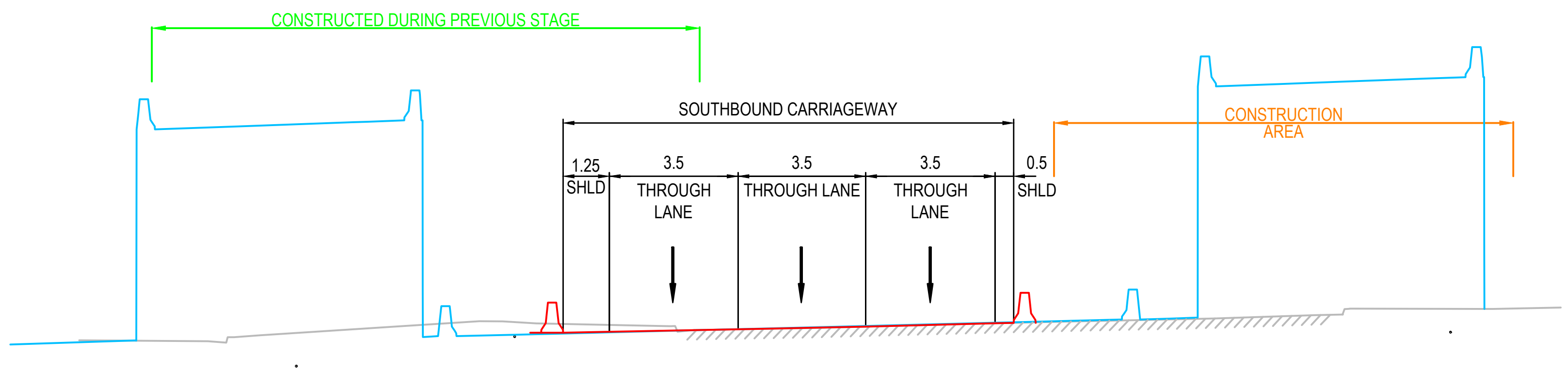
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 7 CS-3101

SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 1A & 1B
SIR REGINALD ANSETT DRIVE (MX20) CH 360



TYPICAL SECTION 6 CS-3101

SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 3A
SIR REGINALD ANSETT DRIVE (MX20) CH 260

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PLOT BY: Kate Mercer

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			D1	08.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:200 — 2 0 2 4 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

SHEET 10 OF 11

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3010

ISSUE: D1

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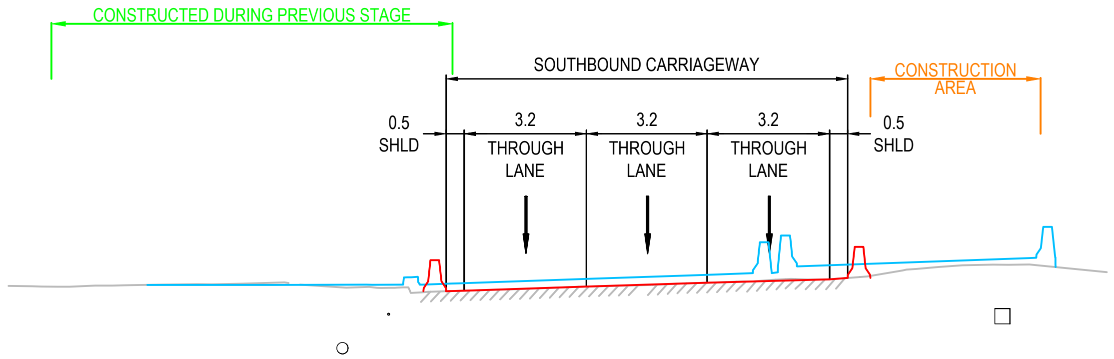
LEGEND

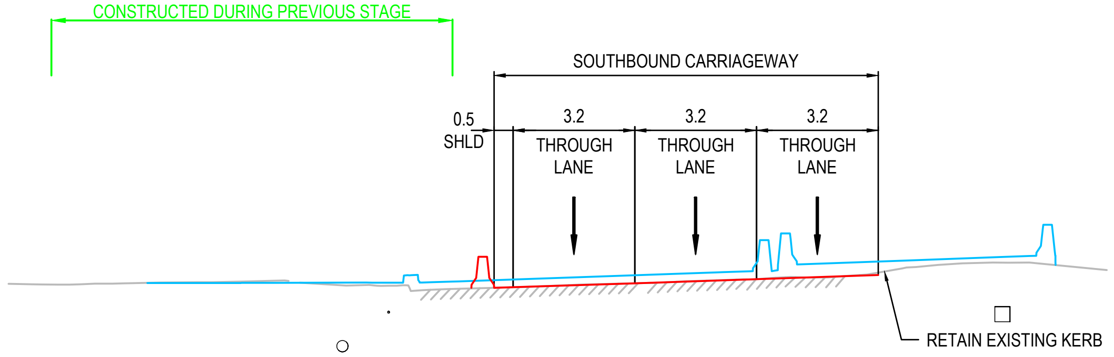
- EXISTING SURFACE
- EXISTING PAVEMENT
- ULTIMATE DESIGN
- STAGING DESIGN
- INTERPOLATED SURVEY



TYPICAL SECTION 7 CS-3101
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 3A
SIR REGINALD ANSETT DRIVE (MX20) CH 360

HOLD



TYPICAL SECTION 7 CS-3101
SCALE 1:200

STAGE 3 TM1 TM2 - PHASE 2A
SIR REGINALD ANSETT DRIVE (MX20) CH 360

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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	08.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:200, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:57:18 AM

PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	12.01.21
DRG CHECK	B.EVANS	12.01.21
DESIGN	W.LEE	12.01.21
DESIGN CHECK	J.DeWIT	12.01.21
DESIGN MNGR	M.YATES	12.01.21
PROJECT MNGR	M.YATES	12.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 1 & 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 - TM1 & TM2
TYPICAL SECTIONS

A3

SHEET 11 OF 11

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3011

ISSUE: D1

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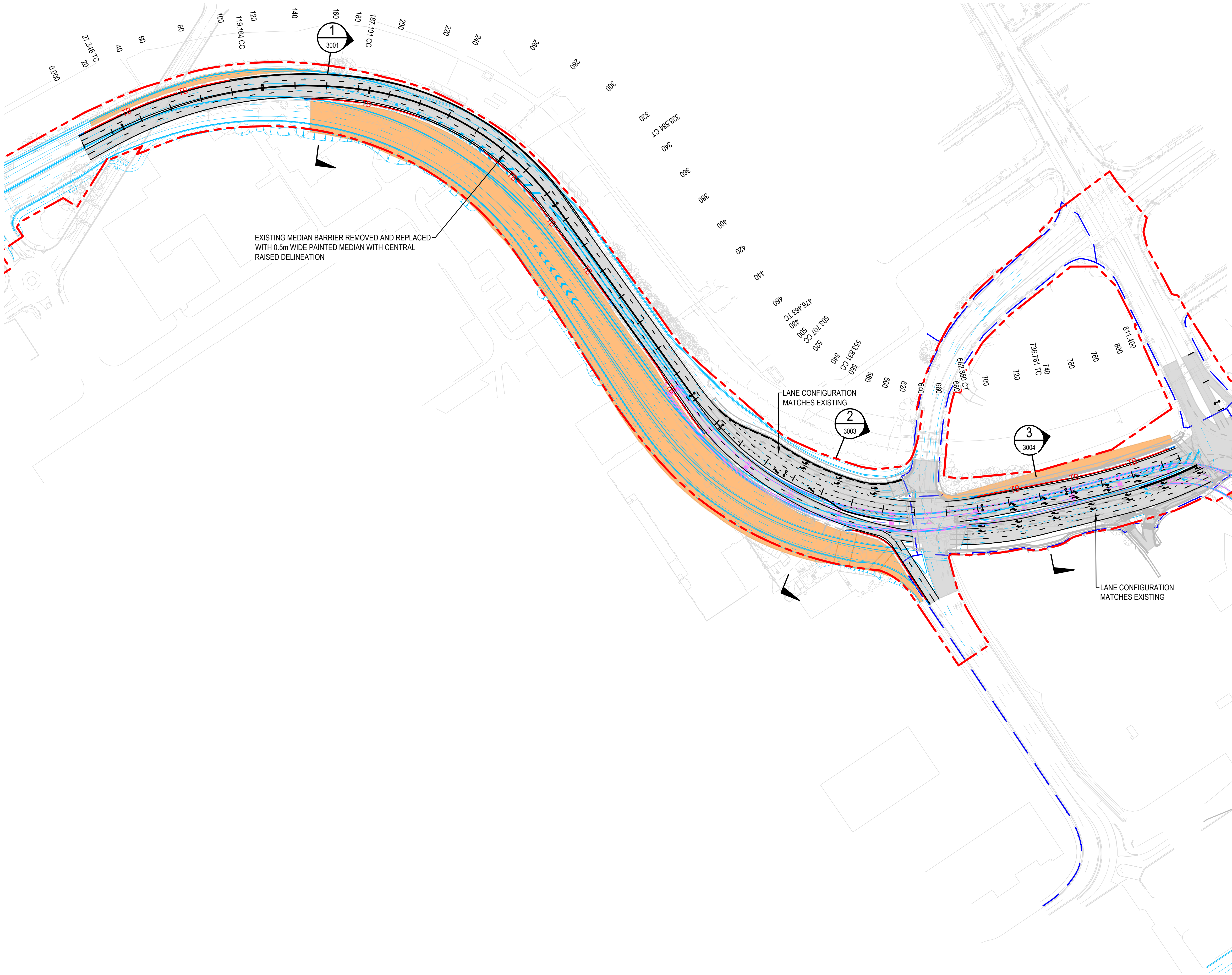

LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TB TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING
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SCALES ON A3 SIZE DRAWING: SCALE 1:2500 (25 0 25 50, AT A3)

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE (together with VINCI), TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:57:59 AM — PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - GENERAL ARRANGEMENT

SHEET 1 OF 1

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No.: CS-3101 — ISSUE: D1

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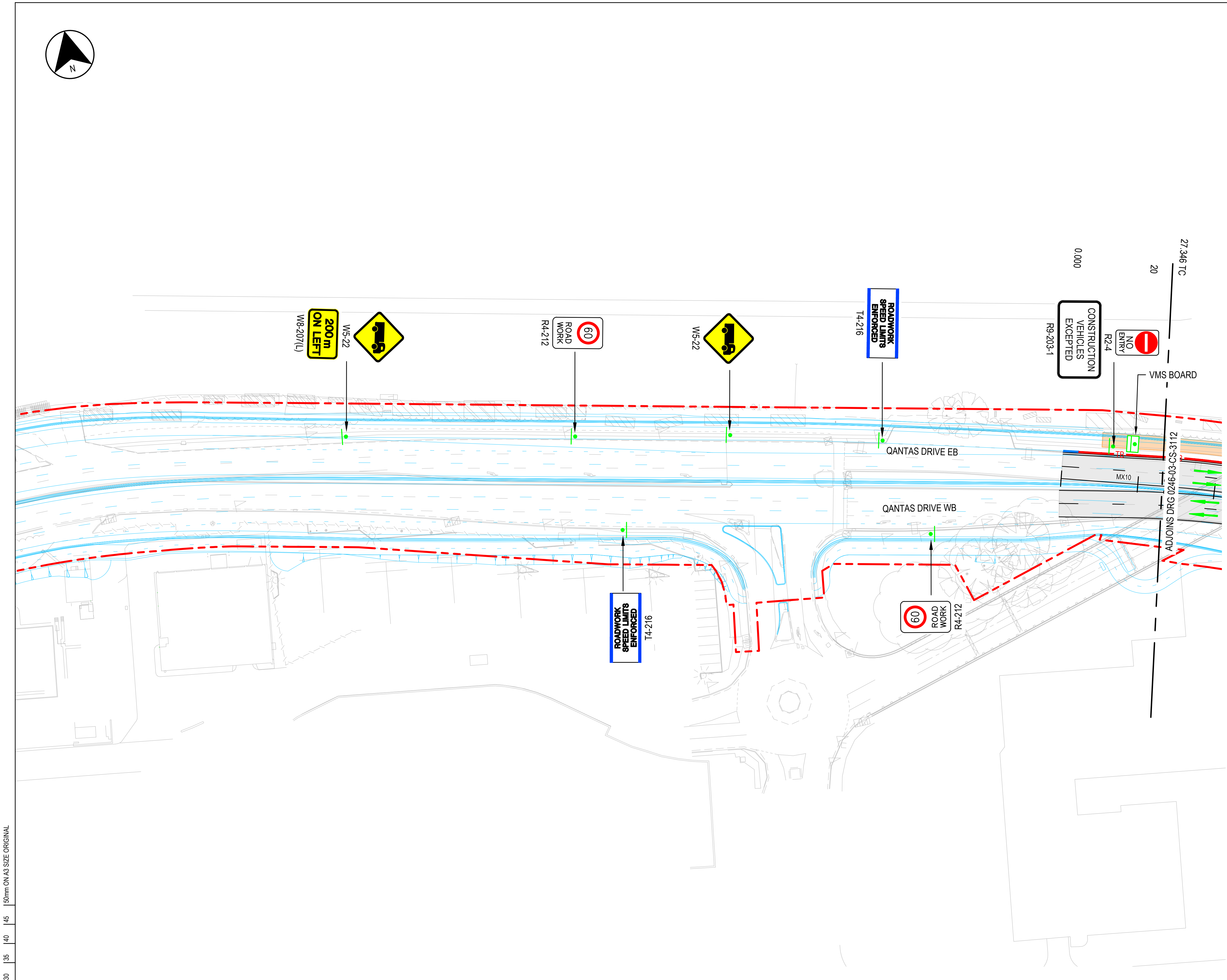


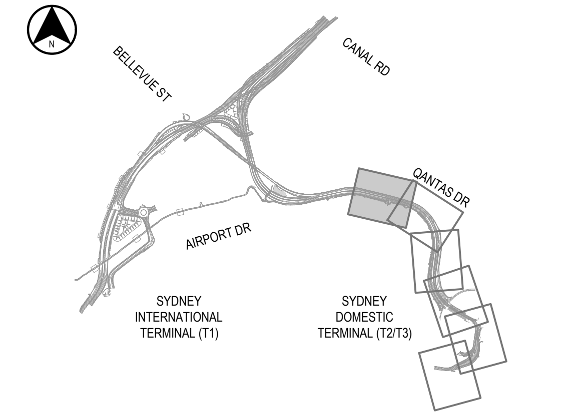
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- 2 — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1A - PLAN

A3 — SHEET 1 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		CS-3111	D1

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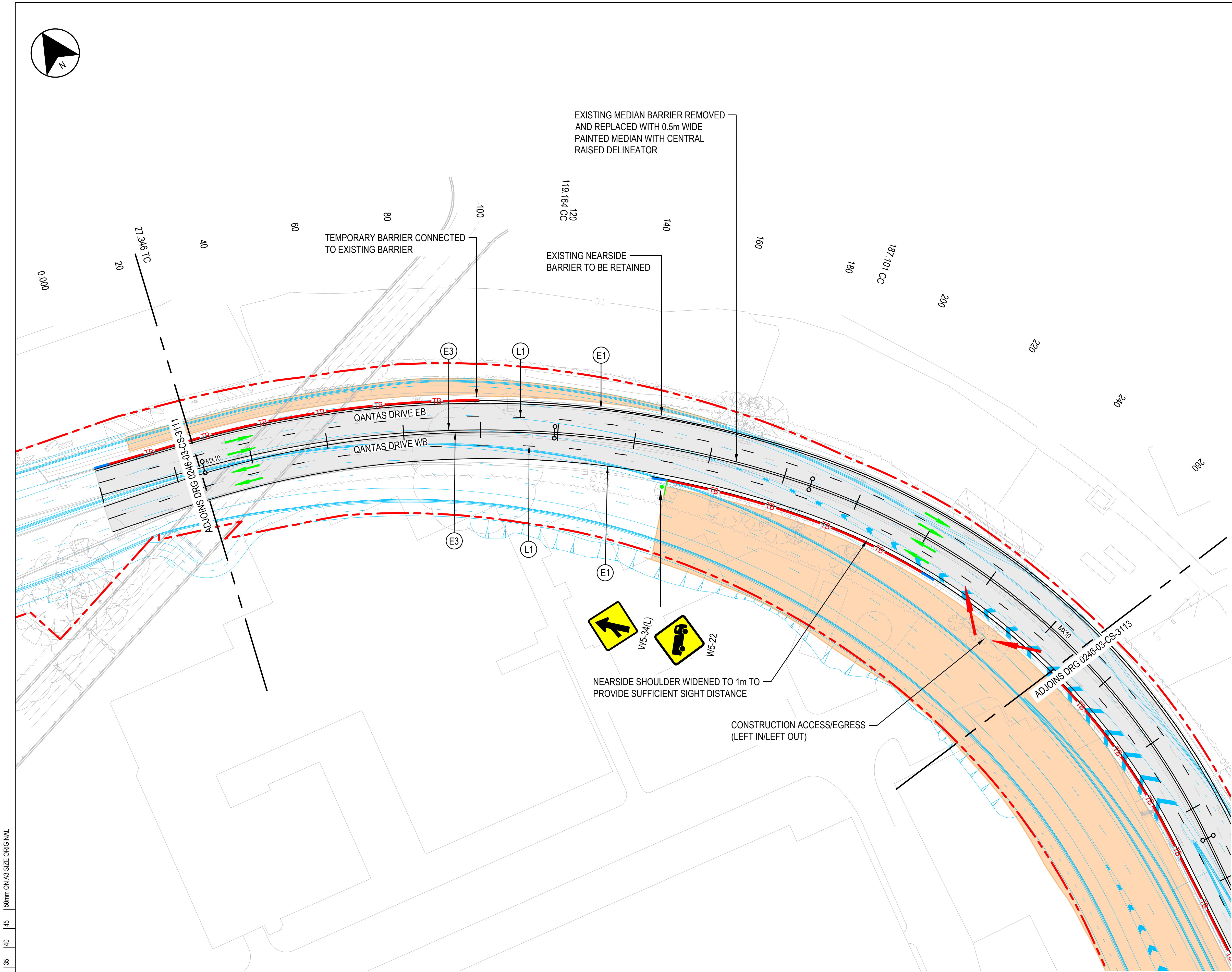


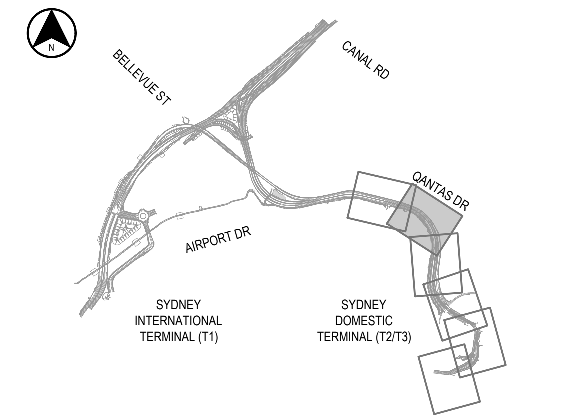
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- 2 — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- 60 ROAD WORK R4-212 — PROPOSED SIGN FACE / SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE

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PLOT DATE / TIME: 15/01/2021 9:58:40 AM — PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services (NSW Government)

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D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - PLAN

A3 — SHEET 2 OF 6 — PART

RMS REGISTRATION No.

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3112 — ISSUE D1

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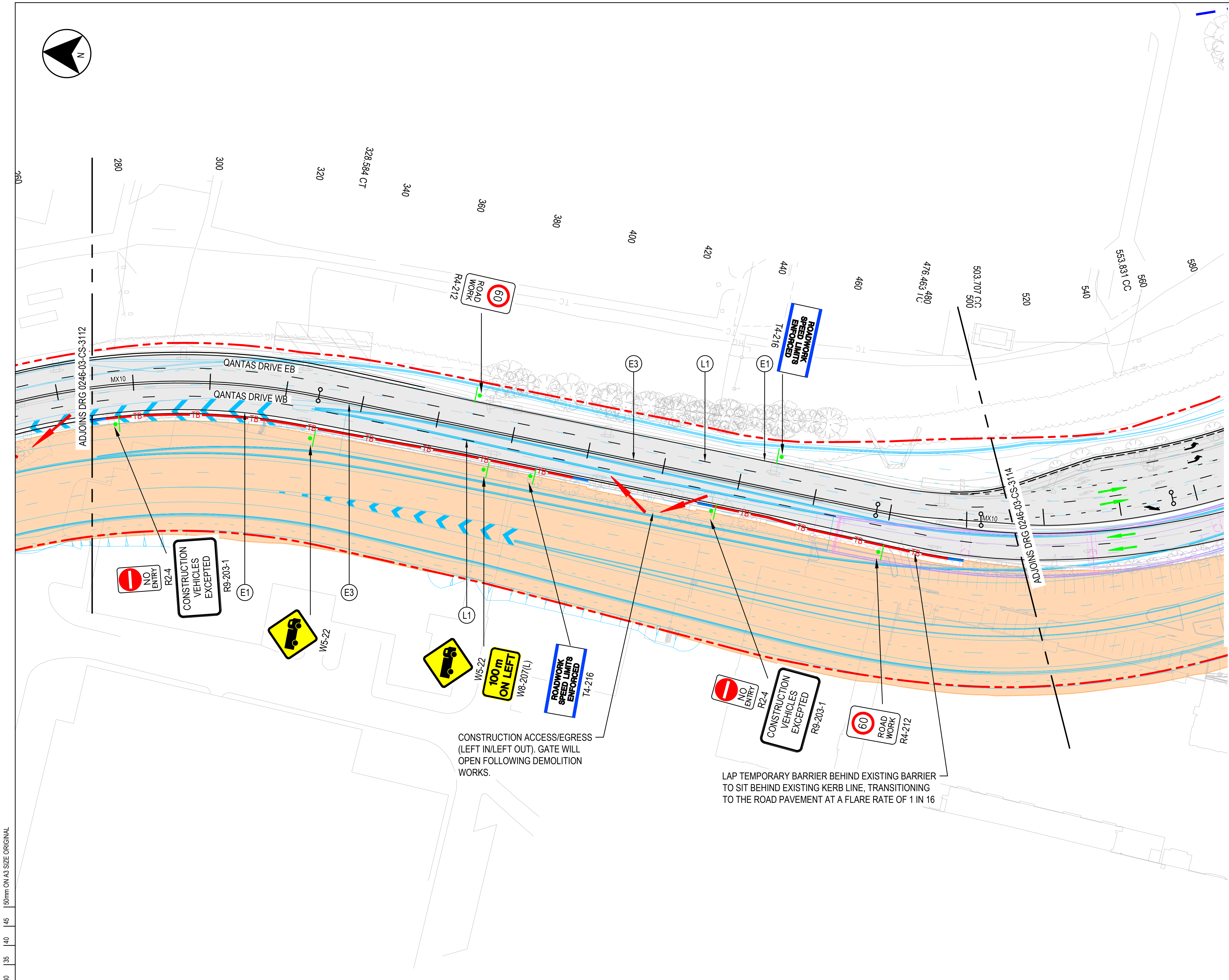


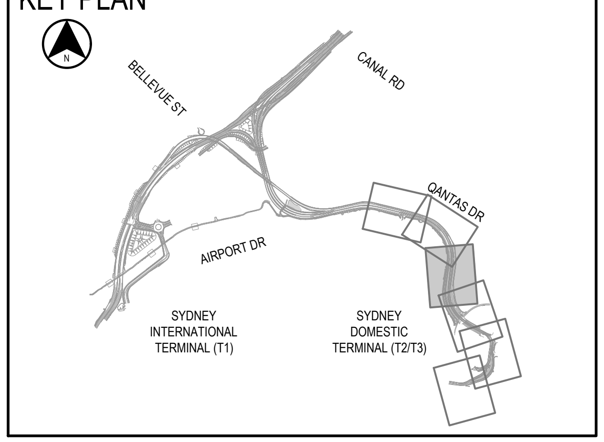
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- 2 — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE	
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PLOT BY	Kate Mercer
CLIENT	Transport Roads & Maritime Services (NSW Government)

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - PLAN

A3 — SHEET 3 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3113 — ISSUE D1

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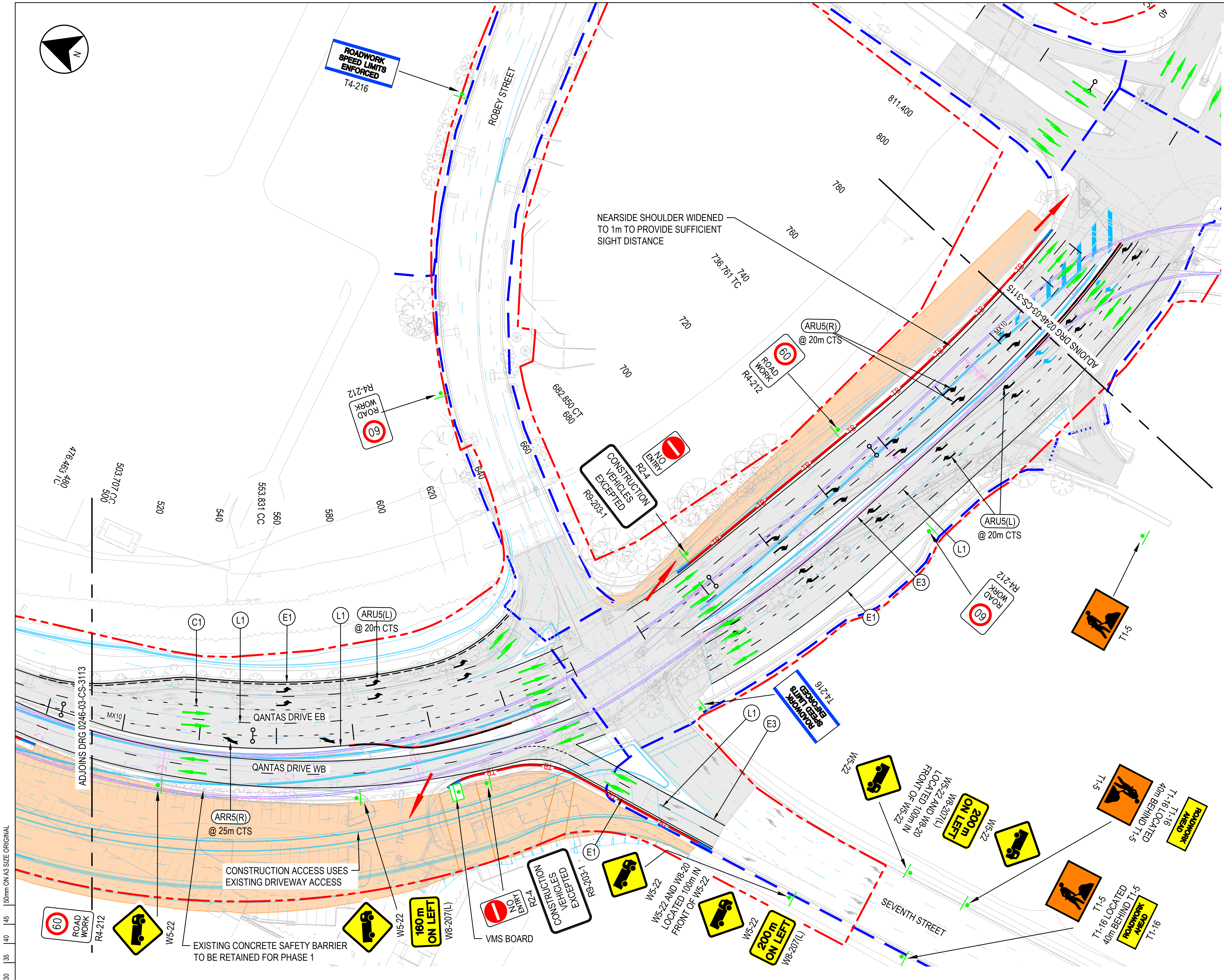


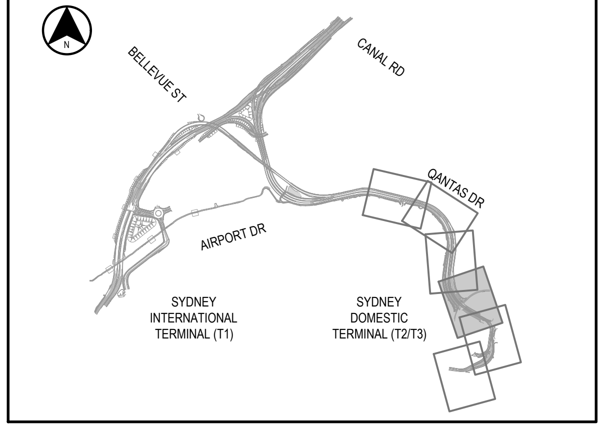
LEGEND

PROJECT BOUNDARY
SURVEY
ULTIMATE DESIGN
VIADUCT DESIGN
STAGING DESIGN
TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
TEMPORARY ABSORB 350 CRASH CUSHION
ACTIVE TRANSPORT ROUTE
CONSTRUCTION AREA
LIVE TRAFFIC
COMPLETED WORKS
LIVE TRAFFIC DIRECTION
CONSTRUCTION GATE
CONSTRUCTION ZONE ACCESS GATE TAG
PAVEMENT ARROW TAG
LINEMARKINGTAG
PROPOSED SIGN POST
EXISTING SIGN POST TO BE REMOVED
PROPOSED SIGN FACE
SIGN REFERENCE NUMBER
EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	PLOT DATE / TIME	PLOT BY
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QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE together with VINCI, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT, Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - PLAN

A3 — SHEET 4 OF 6 — PART

RMS REGISTRATION No.

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		CS-3114	D1

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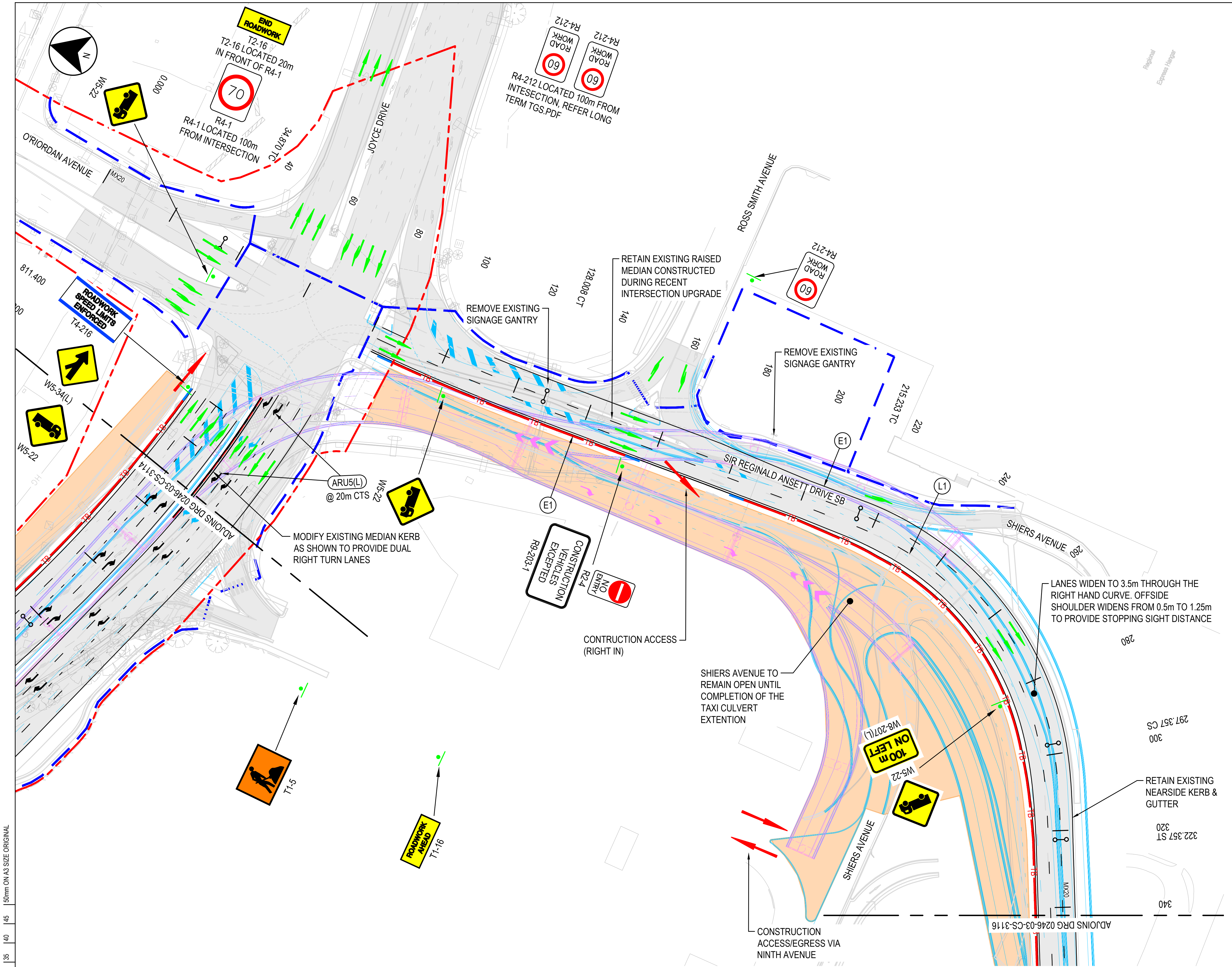


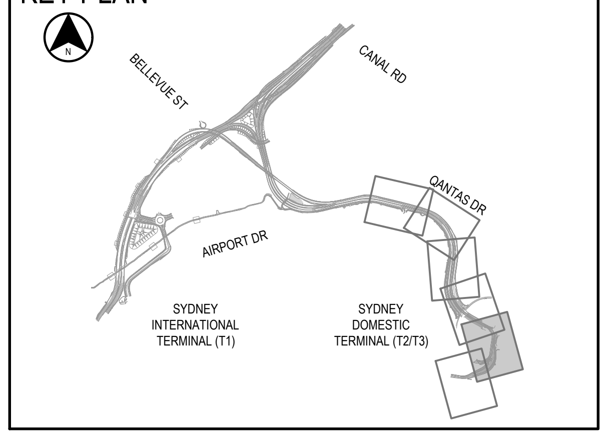
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3111-3116.dwg				DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	
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		D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:59:02 AM — PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1A - PLAN

A3 — SHEET 5 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3115 — ISSUE D1

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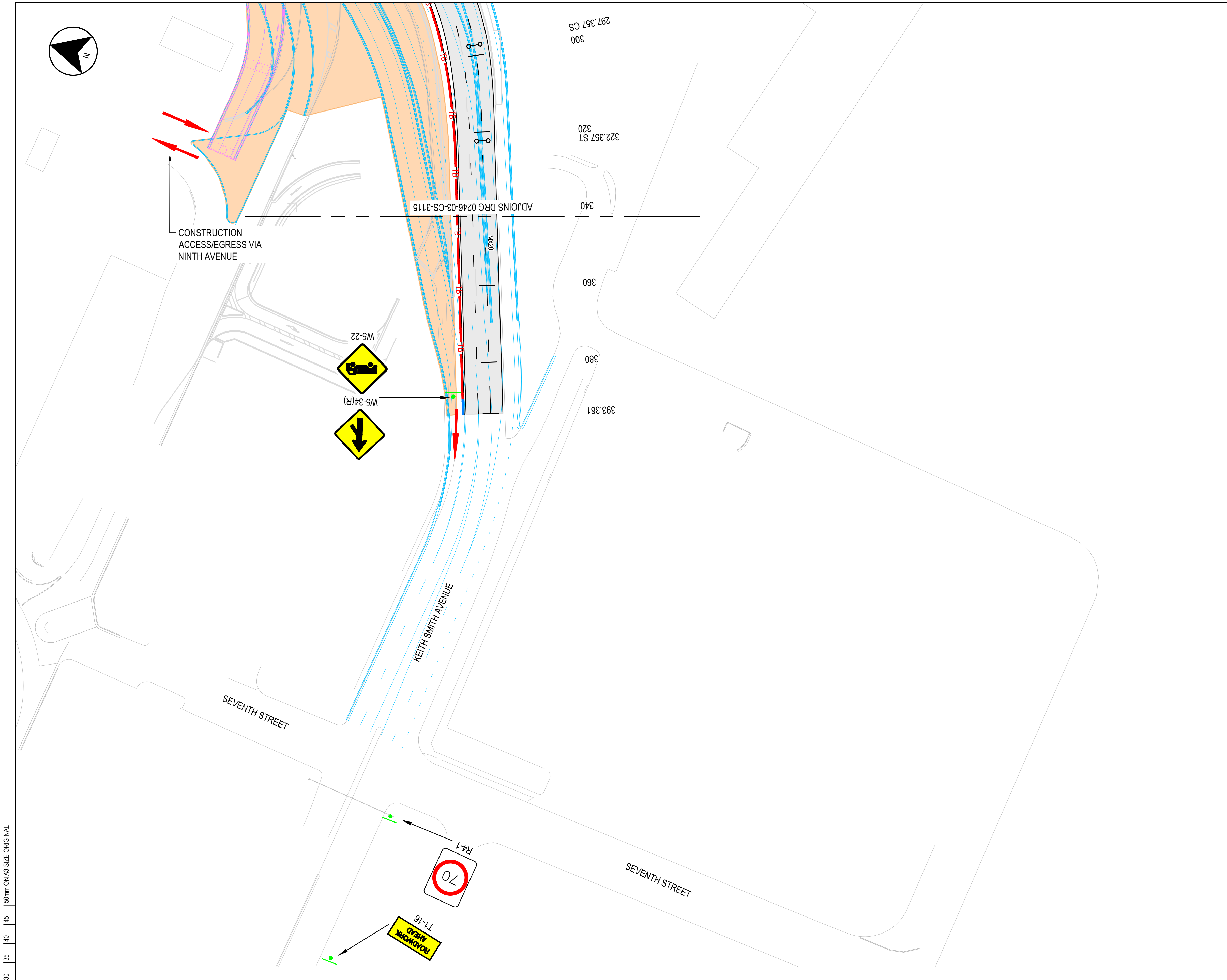


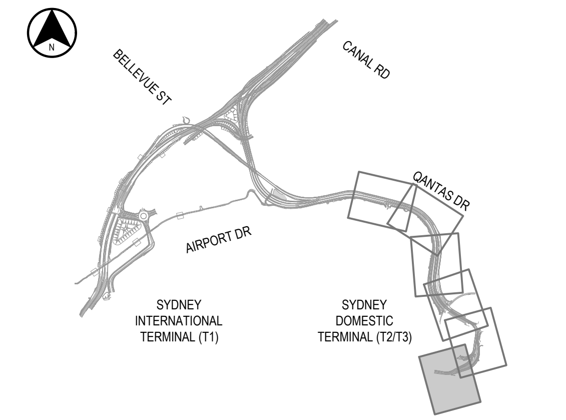
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- 2 — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - PLAN

A3 — SHEET 6 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		CS-3116	D1

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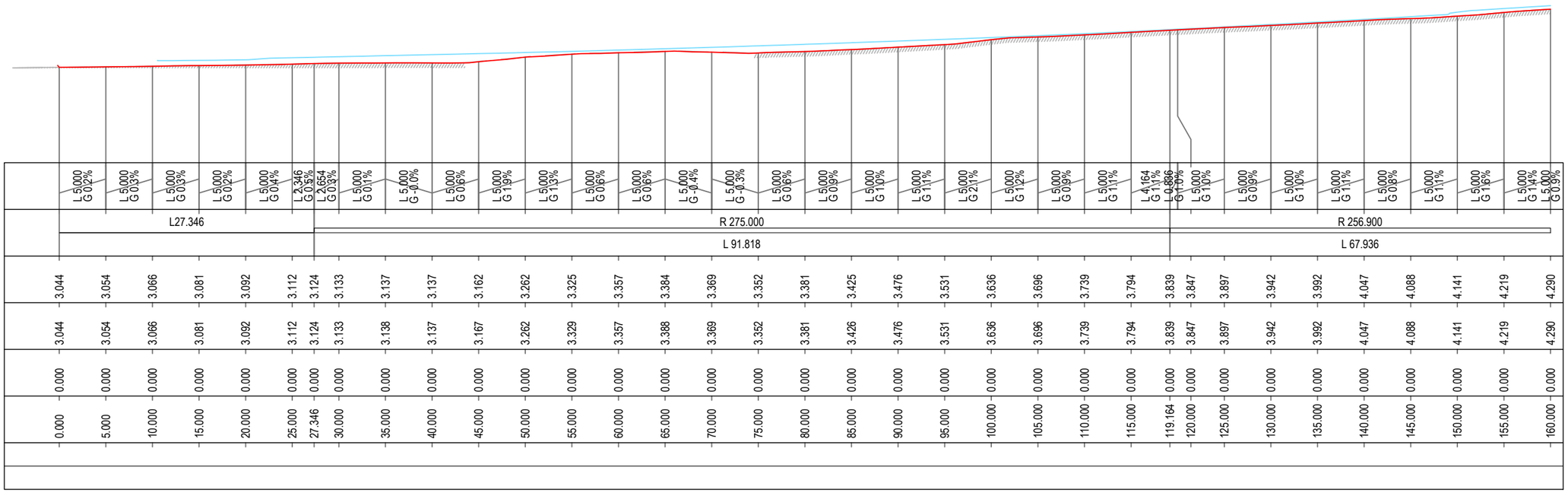
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



LONGITUDINAL SECTION MX10
HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

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SCALES ON A3 SIZE DRAWING
HORIZ. 1:500
VERT. 1:100
5 0 5 10
1 0 1 AT A3 2

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:59:17 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3
SHEET 1 OF 9

RMS REGISTRATION No.
PART
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3131
ISSUE: D1

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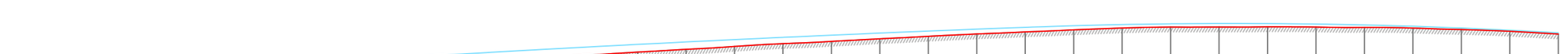

LEGEND

— —	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN

DATUM RL 2.200

CHAINAGE	VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH	SUPERELEVATION
160.000	L 5.000 G 1.4% L 5.000 G 0.9%	R 256.900 L 67.936	4.290	4.290	0.000	
165.000	L 5.000 G 0.8%		4.333	4.333	0.000	
170.000	L 5.000 G 1.0%		4.373	4.373	0.000	
175.000	L 5.000 G 1.2%		4.423	4.423	0.000	
180.000	L 5.000 G 1.2%		4.481	4.481	0.000	
185.000	L 2.101 G 1.2%		4.539	4.539	0.000	
187.101	L 2.899 G 1.2%	R 179.000 L 141.484	4.564	4.564	0.000	
190.000	L 5.000 G 1.1%		4.598	4.598	0.000	
195.000	L 5.000 G 0.9%		4.651	4.651	0.000	
200.000	L 5.000 G 0.9%		4.697	4.697	0.000	
205.000	L 5.000 G 1.1%		4.740	4.740	0.000	
210.000	L 5.000 G 1.4%		4.793	4.793	0.000	
215.000	L 5.000 G 1.4%		4.861	4.861	0.000	
220.000	L 5.000 G 1.2%		4.931	4.931	0.000	
225.000	L 5.000 G 1.1%		4.992	4.992	0.000	
230.000	L 5.000 G 1.2%		5.049	5.049	0.000	
235.000	L 5.000 G 1.1%		5.109	5.109	0.000	
240.000	L 5.000 G 0.9%		5.166	5.166	0.000	
245.000	L 5.000 G 1.1%		5.212	5.213	0.000	
250.000	L 5.000 G 1.0%		5.266	5.266	0.000	
255.000	L 5.000 G 1.0%		5.316	5.317	0.000	
260.000	L 5.000 G 0.8%		5.365	5.365	0.000	
265.000	L 5.000 G 0.9%		5.406	5.407	0.000	
270.000	L 5.000 G 0.8%		5.449	5.449	0.000	
275.000	L 5.000 G 0.4%		5.487	5.487	0.000	
280.000	L 5.000 G 0.0%		5.506	5.506	0.000	
285.000	L 5.000 G 0.1%		5.507	5.508	0.000	
290.000	L 5.000 G -0.1%		5.511	5.511	0.000	
295.000	L 5.000 G -0.2%		5.507	5.507	0.000	
300.000	L 5.000 G -0.2%		5.498	5.498	0.000	
305.000	L 5.000 G -0.6%		5.486	5.486	0.000	
310.000	L 5.000 G -0.7%		5.456	5.456	0.000	
315.000	L 5.000 G -1.1%		5.419	5.419	0.000	
320.000	L 5.000 G -1.3%		5.363	5.363	0.000	

LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

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SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 9:59:18 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET
2 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3132

ISSUE
D1

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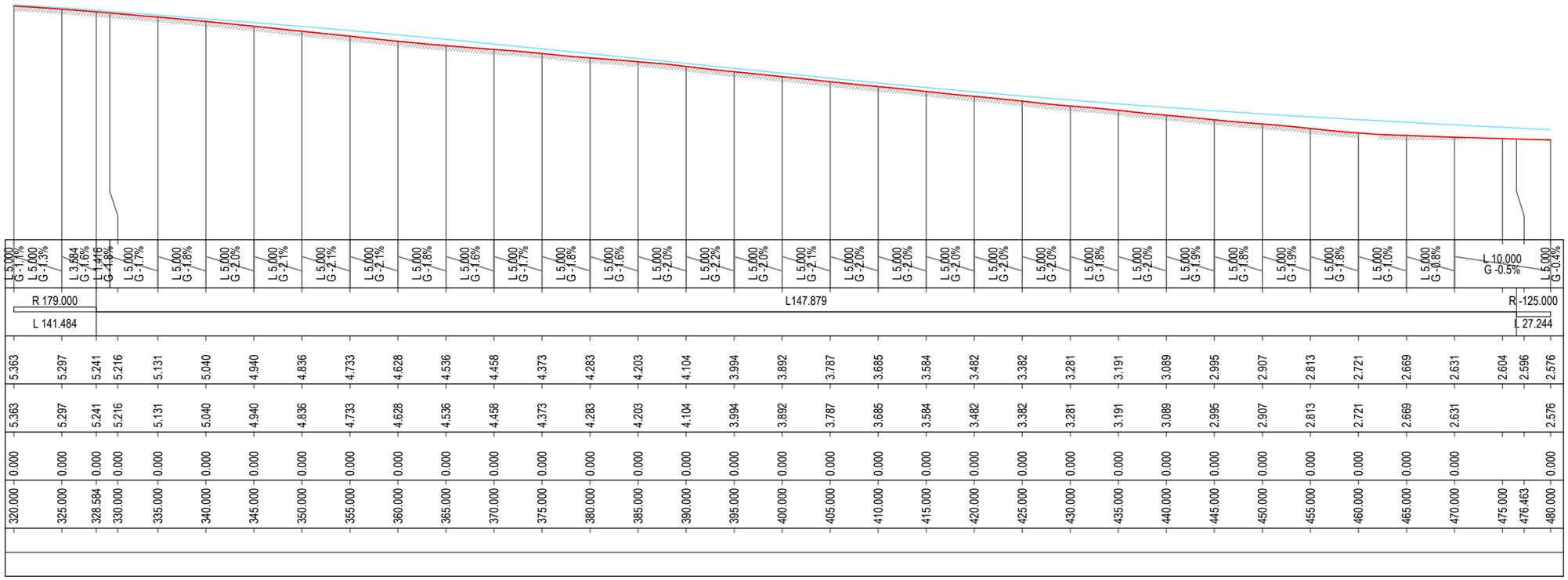

LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN

DATUM RL 0.500

VERTICAL ALIGNMENT
L 5.000 G -1.1% · L 5.000 G -1.3% · L 3.584 G -1.6% · L 1.416 G -1.8% · L 5.000 G -1.7% · L 5.000 G -1.8% · L 5.000 G -2.0% · L 5.000 G -2.1% · L 5.000 G -2.1% · L 5.000 G -2.1% · L 5.000 G -1.8% · L 5.000 G -1.6% · L 5.000 G -1.7% · L 5.000 G -1.8% · L 5.000 G -1.6% · L 5.000 G -2.0% · L 5.000 G -2.2% · L 5.000 G -2.0% · L 5.000 G -2.1% · L 5.000 G -2.0% · L 5.000 G -2.0% · L 5.000 G -2.0% · L 5.000 G -2.0% · L 5.000 G -2.0% · L 5.000 G -1.8% · L 5.000 G -2.0% · L 5.000 G -1.9% · L 5.000 G -1.8% · L 5.000 G -1.9% · L 5.000 G -1.8% · L 5.000 G -1.0% · L 5.000 G -0.8% · L 10.000 G -0.5% · L 5.000 G -0.4%

HORIZONTAL ALIGNMENT
R 179.000 L 141.484 · L147.879 · R -125.000 L 27.244

DESIGN LEVELS	5.363	5.297	5.241	5.216	5.131	5.040	4.940	4.836	4.733	4.628	4.536	4.458	4.373	4.283	4.203	4.104	3.994	3.892
EXISTING LEVELS	5.363	5.297	5.241	5.216	5.131	5.040	4.940	4.836	4.733	4.628	4.536	4.458	4.373	4.283	4.203	4.104	3.994	3.892
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAINAGE	320.000	325.000	328.584	330.000	335.000	340.000	345.000	350.000	355.000	360.000	365.000	370.000	375.000	380.000	385.000	390.000	395.000	400.000
SUPERELEVATION																		

DESIGN LEVELS	3.787	3.685	3.584	3.482	3.382	3.281	3.191	3.089	2.995	2.907	2.813	2.721	2.669	2.631	2.604	2.596	2.576
EXISTING LEVELS	3.787	3.685	3.584	3.482	3.382	3.281	3.191	3.089	2.995	2.907	2.813	2.721	2.669	2.631			2.576
CUT / FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			0.000
CHAINAGE	405.000	410.000	415.000	420.000	425.000	430.000	435.000	440.000	445.000	450.000	455.000	460.000	465.000	470.000	475.000	476.463	480.000
SUPERELEVATION																	

LONGITUDINAL SECTION MX10
HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3131-3139.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME
15/01/2021 9:59:18 AM

PLOT BY
Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3100-LSEC-MX10 X-0246-03-TS-3100-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport
Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET
3 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3133

ISSUE
D1

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LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN

DATUM RL 0.200

DESIGN LEVELS	2.576	2.559	2.546	2.521	2.483	2.454	2.451	2.428	2.389	2.360	2.335	2.317
EXISTING LEVELS	2.576	2.559	2.546	2.524	2.495	2.466	2.461	2.438	2.391	2.362	2.337	2.319
CUT / FILL DEPTH	0.000	0.000	0.000	-0.002	-0.012	-0.012	-0.011	-0.010	-0.002	-0.002	-0.002	-0.002
CHAINAGE	480.000	485.000	490.000	495.000	500.000	503.707	505.000	510.000	515.000	520.000	525.000	530.000
SUPERELEVATION												

DESIGN LEVELS	2.302	2.286	2.280	2.291	2.306	2.310	2.327	2.344	2.364	2.390	2.415	2.415
EXISTING LEVELS	2.303	2.287	2.281	2.292	2.307	2.311	2.327	2.344	2.364	2.390	2.415	2.411
CUT / FILL DEPTH	-0.000	-0.000	-0.001	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.001
CHAINAGE	535.000	540.000	545.000	550.000	553.831	555.000	560.000	565.000	570.000	575.000	580.000	585.000
SUPERELEVATION												

DESIGN LEVELS	2.438	2.456	2.481	2.503	2.530	2.565	2.610	2.661	2.705	2.757	
EXISTING LEVELS	2.438	2.457	2.481	2.503	2.530	2.566	2.610	2.661	2.705	2.756	2.817
CUT / FILL DEPTH	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000	-0.000	0.000
CHAINAGE	590.000	595.000	600.000	605.000	610.000	615.000	620.000	625.000	630.000	635.000	640.000
SUPERELEVATION											

LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3131-3139.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3100-LSEC-MX10 X-0246-03-TS-3100-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE together @ VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 9:59:19 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET
4 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3134

ISSUE
D1

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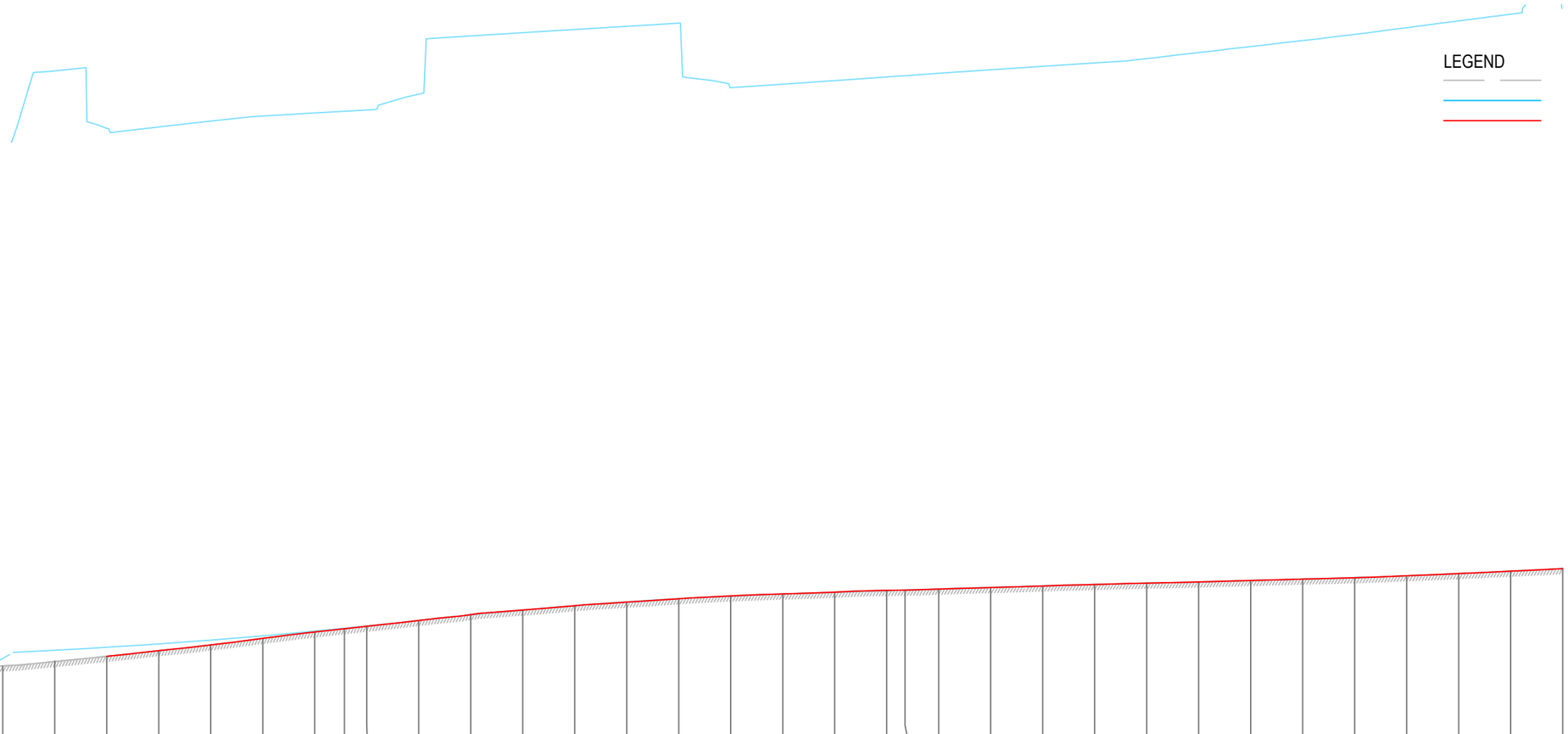
LEGEND

— —	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN

DATUM RL 0.800

VERTICAL ALIGNMENT	L 5.000 G 1.2% L 5.000 G 1.2%	L 5.000 G 1.2%	L 5.000 G 1.8%	L 5.000 G 1.9%	L 5.000 G 2.2%	L 5.000 G 2.2%	L 5.000 G 2.5%	L 5.000 G 2.5%	L 2.850 G 2.2%	L 2.150 G 2.2%	L 5.000 G 2.2%	L 5.000 G 2.3%
HORIZONTAL ALIGNMENT	R -178.710 L 129.018									L53.911		
DESIGN LEVELS					3.122	3.230	3.341	3.466	3.590	3.652	3.700	3.810
EXISTING LEVELS	2.817	2.877	2.938	3.022	3.122	3.230	3.341	3.466	3.590	3.652	3.700	3.810
CUT / FILL DEPTH	0.000	-0.000	-0.000	0.006	-0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000	-0.000
CHAINAGE	640.000	645.000	650.000	655.000	660.000	665.000	670.000	675.000	680.000	682.850	685.000	690.000
SUPERELEVATION												

VERTICAL ALIGNMENT	L 5.000 G 1.7%	L 5.000 G 1.7%	L 5.000 G 1.4%	L 5.000 G 1.3%	L 5.000 G 1.1%	L 5.000 G 0.7%	L 5.000 G 0.7%	L 5.000 G 0.7%	L 1.761 G 0.3%	L 3.239 G 0.6%	L 5.000 G 0.6%	L 5.000 G 0.6%
HORIZONTAL ALIGNMENT										R -370.000 L 74.639		
DESIGN LEVELS	3.922	4.011	4.094	4.163	4.227	4.283	4.320	4.355	4.388	4.394	4.413	4.443
EXISTING LEVELS	3.925	4.011	4.094	4.161	4.227	4.281	4.318	4.355	4.388	4.394	4.413	4.443
CUT / FILL DEPTH	0.001	-0.000	0.000	0.002	0.000	0.002	0.001	-0.000	0.000	0.000	0.000	0.000
CHAINAGE	695.000	700.000	705.000	710.000	715.000	720.000	725.000	730.000	735.000	736.761	740.000	745.000
SUPERELEVATION												

VERTICAL ALIGNMENT	L 5.000 G 0.6%	L 5.000 G 0.5%	L 5.000 G 0.4%	L 5.000 G 0.6%	L 5.000 G 0.5%	L 5.000 G 0.5%	L 5.000 G 0.7%	L 5.000 G 0.9%	L 5.000 G 0.9%	L 5.000 G 1.0% L 5.000 G 1.3%	
HORIZONTAL ALIGNMENT											
DESIGN LEVELS	4.473	4.502	4.528	4.550	4.578	4.605	4.632	4.669	4.711	4.758	4.807
EXISTING LEVELS	4.473	4.501	4.528	4.549	4.578	4.606	4.631	4.669	4.711	4.758	4.807
CUT / FILL DEPTH	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	-0.000
CHAINAGE	750.000	755.000	760.000	765.000	770.000	775.000	780.000	785.000	790.000	795.000	800.000
SUPERELEVATION											

LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3100-LSEC-MX10 X-0246-03-TS-3100-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 — 5 0 5 10
VERT. 1:100 — 1 0 1 2 AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE together @ VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 9:59:20 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET
5 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3135

ISSUE
D1

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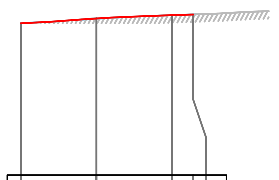
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM RL 2.800				
VERTICAL ALIGNMENT	L 5.000 G 1.0% L 5.000 G 1.3%	L 5.000 G 0.8%	L 1.400 G 0.7%	
HORIZONTAL ALIGNMENT	R -370.000 L 74.639			
DESIGN LEVELS	4.807	4.871	4.914	
EXISTING LEVELS	4.807	4.874	4.914	4.924
CUT / FILL DEPTH	-0.000	-0.000	0.000	0.000
CHAINAGE	800.000	805.000	810.000	811.400
SUPERELEVATION				

LONGITUDINAL SECTION MX10
HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3131-3139.dwg
DESIGN LOT CODE
DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING
PLOT DATE / TIME: 15/01/2021 9:59:21 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 — 5 0 5 10
VERT. 1:100 — 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET 6 OF 9

RMS REGISTRATION No.
PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3136
ISSUE: D1

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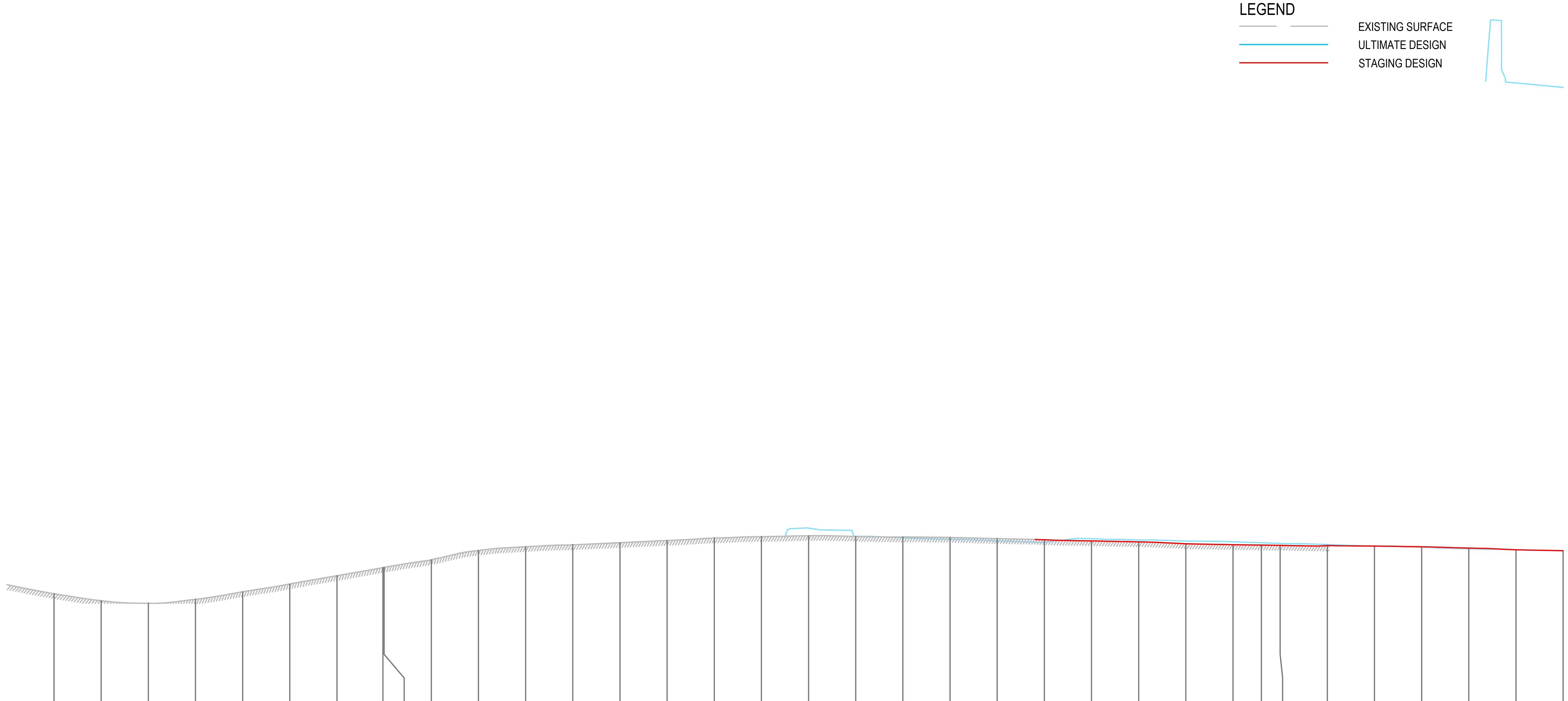
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM RL 1.900

HORIZONTAL ALIGNMENT: L34.870 | R -550.000 (L 93.138) | L87.225

CHAINAGE	VERTICAL ALIGNMENT (following segment)	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH	SUPERELEVATION
0.000	L 5.000 G -3.0%		4.187	0.000	
5.000	L 5.000 G -1.1%		4.038	0.000	
10.000	L 5.000 G 1.7%		3.983	0.000	
15.000	L 5.000 G 3.2%		4.069	0.000	
20.000	L 5.000 G 3.3%		4.228	0.000	
25.000	L 5.000 G 3.5%		4.393	0.000	
30.000	L 4.870 G 3.5%		4.569	0.000	
34.870	L 0.130 G 3.7%		4.740	0.000	
35.000	L 5.000 G 3.2%		4.745	0.000	
40.000	L 5.000 G 4.0%		4.907	0.000	
45.000	L 5.000 G 1.6%		5.104	0.000	
50.000	L 5.000 G 0.9%		5.183	-0.001	
55.000	L 5.000 G 0.8%		5.223	0.006	
60.000	L 5.000 G 0.9%		5.269	-0.001	
65.000	L 5.000 G 1.1%		5.315	0.000	
70.000	L 5.000 G 0.6%		5.368	0.000	
75.000	L 5.000 G 0.3%		5.397	0.000	
80.000	L 5.000 G -0.2%		5.416	-0.003	
85.000	L 5.000 G -0.3%	5.403	5.403	0.000	
90.000	L 5.000 G -0.2%	5.389	5.389	-0.000	
95.000	L 5.000 G -0.5%	5.381	5.381	-0.000	
100.000	L 5.000 G -0.5%	5.356	5.356	0.000	
105.000	L 5.000 G -0.5%	5.330	5.330	0.000	
110.000	L 5.000 G -0.4%	5.306	5.306	0.000	
115.000	L 5.000 G -0.8%	5.286	5.286	0.000	
120.000	L 5.000 G -0.4%	5.246	5.246	0.000	
125.000	L 3.008 G -0.3%	5.227	5.227	-0.000	
128.008	L 1.992 G -0.3%	5.218	5.218	-0.000	
130.000	L 5.000 G -0.0%	5.212	5.212	-0.000	
135.000	L 5.000 G -0.3%	5.209	5.194	0.016	
140.000	L 5.000 G -0.3%	5.196	5.196	0.001	
145.000	L 5.000 G -0.5%	5.182	5.181	0.001	
150.000	L 5.000 G -0.7%	5.155	5.153	0.001	
155.000	L 5.000 G -0.4%	5.119	5.117	0.002	
160.000	L 5.000 G -0.1%	5.099	5.096	0.002	

LONGITUDINAL SECTION MX20

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	PLOT DATE / TIME	PLOT BY
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3131-3139.dwg			15/01/2021 9:59:22 AM	Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3; X-0246-03-TS-3100-LSEC-MX10; X-0246-03-TS-3100-LSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: HORIZ. 1:500 (5 0 5 10); VERT. 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE together with VINCI | TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET 7 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3137
ISSUE: D1

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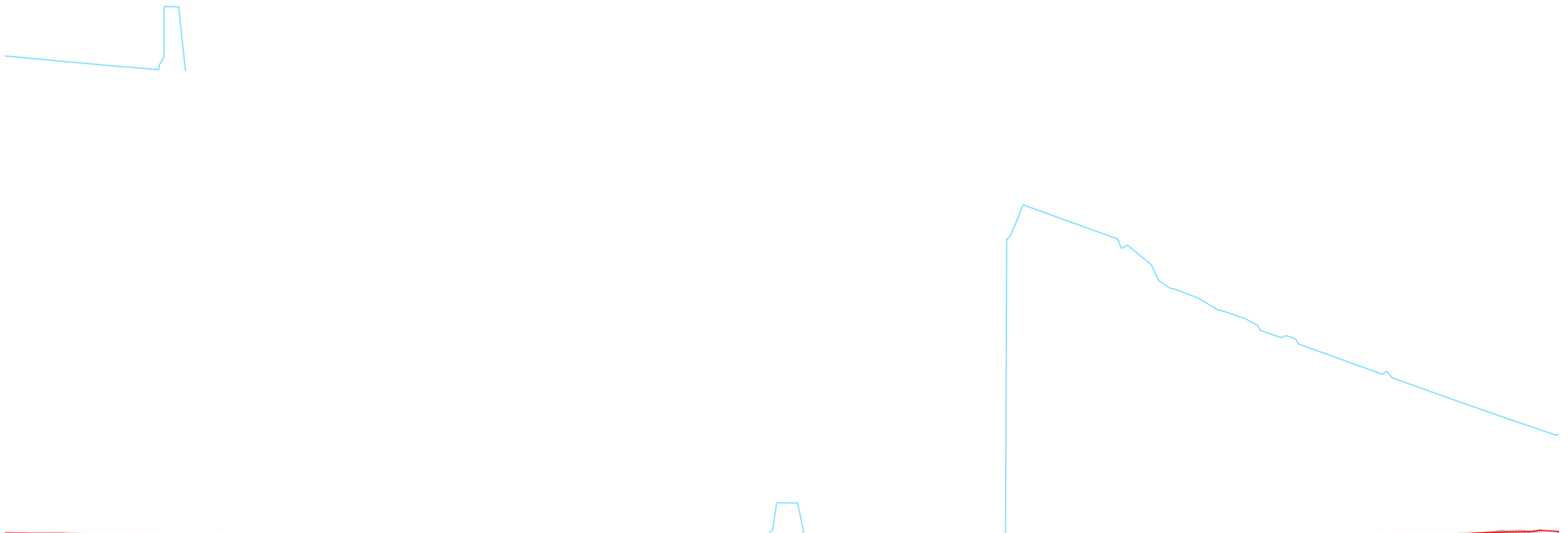

LEGEND

- - -	EXISTING SURFACE
──	ULTIMATE DESIGN
──	STAGING DESIGN

DATUM RL 2.800

VERTICAL ALIGNMENT
L 5.000 G -0.4%
L 5.000 G -0.1%
L 5.000 G -0.4%
L 5.000 G -0.4%
L 5.000 G -0.3%
L 5.000 G 0.0%
L 5.000 G -0.3%
L 5.000 G -0.1%
L 5.000 G -0.3%
L 5.000 G -0.1%
L 5.000 G -0.3%
L 5.000 G -0.6%
L 0.233 G -0.6%
L 4.767 G -0.2%
L 5.000 G -0.6%
L 5.000 G -0.7%
L 5.000 G -0.4%
L 5.000 G -0.0%
L 5.000 G 0.1%
L 5.000 G 0.4%
L 5.000 G 0.1%
L 5.000 G 0.4%
L 5.000 G 0.3%
L 5.000 G 0.3%
L 5.000 G 0.4%
L 5.000 G 0.3%
L 5.000 G 0.3%
L 5.000 G 0.4%
L 5.000 G 0.3%
L 2.357 G 0.2%
L 2.643 G 0.4%
L 5.000 G 0.5%
L 5.000 G 0.3%
L 5.000 G -3.5%
L 5.000 G 4.4%
L 2.357 G -2.2%

HORIZONTAL ALIGNMENT
L87.225
R 80.000
L 82.124

DESIGN LEVELS	5.099	5.094	5.076	5.056	5.040	5.042	5.027	5.022	5.009	5.003	4.988	4.957	4.956	4.947	4.917	4.884	4.863
EXISTING LEVELS	5.096	5.092	5.072	5.052	5.036	5.042	5.027	5.022	5.009	5.003	4.988	4.957	4.956	4.947	4.917	4.884	4.863
CUT / FILL DEPTH	0.002	0.003	0.003	0.004	0.004	0.000	-0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000
CHAINAGE	160.000	165.000	170.000	175.000	180.000	185.000	190.000	195.000	200.000	205.000	210.000	215.000	215.233	220.000	225.000	230.000	235.000
SUPERELEVATION																	

DESIGN LEVELS	4.861	4.866	4.886	4.889	4.909	4.926	4.944	4.961	4.977	4.993	5.012	5.026	5.032	5.042	5.068	5.085	4.909	5.129
EXISTING LEVELS	4.861	4.866	4.886	4.889	4.909	4.926	4.943	4.961	4.977	4.993	5.012	5.026	5.032	5.042	5.068	5.084	5.145	
CUT / FILL DEPTH	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	0.000	0.000	-0.000	0.000	-0.237	
CHAINAGE	240.000	245.000	250.000	255.000	260.000	265.000	270.000	275.000	280.000	285.000	290.000	295.000	297.357	300.000	305.000	310.000	315.000	320.000
SUPERELEVATION																		

LONGITUDINAL SECTION MX20

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3131-3139.dwg					DESIGN LOT CODE	
QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3100-LSEC-MX10 X-0246-03-TS-3100-LSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 9:59:23 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET
8 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3138

ISSUE
D1

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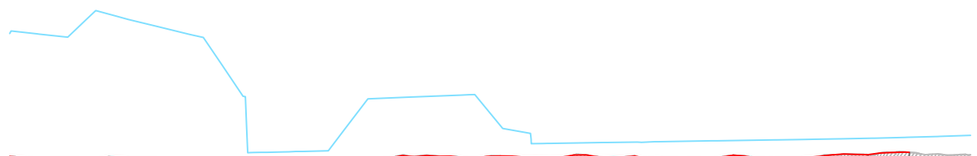

LEGEND

— —	EXISTING SURFACE
🟦	ULTIMATE DESIGN
🟥	STAGING DESIGN

DATUM RL 3.000

VERTICAL ALIGNMENT
L 5.000 G 2.357 G -2.2%
L 2.643 G 0.6%
L 5.000 G 0.1%
L 5.000 G -0.7%
L 5.000 G 0.2%
L 5.000 G -0.5%
L 5.000 G 0.6%
L 5.000 G 1.1%
L 5.000 G 0.1%
L 5.000 G -0.4%
L 5.000 G 0.0%
L 5.000 G -0.7%
L 5.000 G 1.0%
L 5.000 G -0.5%
L 5.000 G 0.9%
L 3.361 G 1.1%

HORIZONTAL ALIGNMENT
L71.004

DESIGN LEVELS	5.129	5.078	5.094	5.099	5.062	5.071	5.047	5.079	5.133	5.137	5.116	5.117	5.084	5.135	5.112	5.159	
EXISTING LEVELS		5.078	5.094	5.099	5.062	5.071	5.064	5.074	5.133	5.133	5.116	5.117	5.084	5.135	5.112	5.159	5.196
CUT / FILL DEPTH		0.000	0.000	0.000	-0.000	-0.000	-0.017	0.005	-0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHAINAGE	320.000	322.357	325.000	330.000	335.000	340.000	345.000	350.000	355.000	360.000	365.000	370.000	375.000	380.000	385.000	390.000	393.361
SUPERELEVATION																	

LONGITUDINAL SECTION MX20

HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3100-LSEC-MX10 X-0246-03-TS-3100-LSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together @ VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 9:59:23 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - LONGITUDINAL SECTIONS

A3

SHEET
9 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3139

ISSUE
D1

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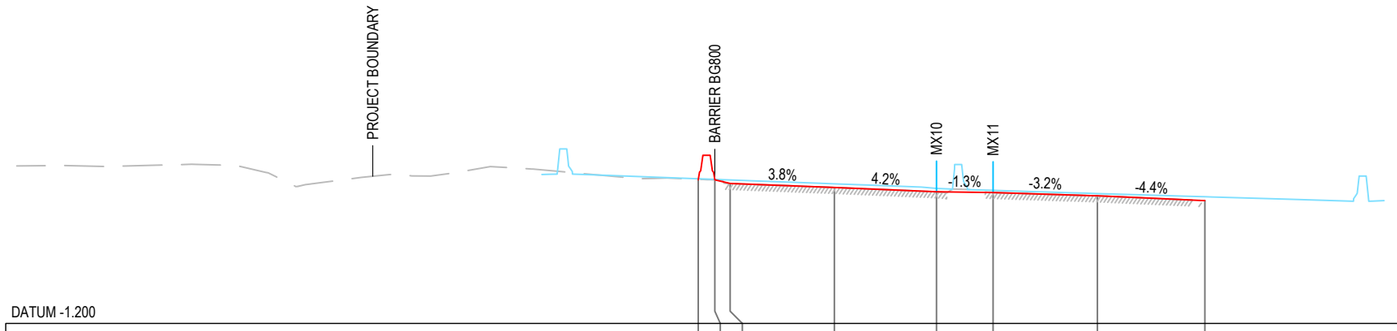

LEGEND

— —	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN

DATUM -1.200

CUT STRINGS		ES10	LE10	L110	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	3.480	3.480	3.364	3.234	3.092	3.069	2.960	2.805
CUT \ FILL DEPTH	-0.019	0.000	0.000	0.000	0.000	-0.000	0.002	-2.411
EXISTING LEVELS	3.500	3.480	3.364	3.234	3.092	3.069	2.959	5.216
DESIGN OFFSET	-7.773	-7.233	-6.733	-3.333	0.000	1.844	5.248	8.753

CH 20.000

DATUM -1.200

CUT STRINGS		ES10	LE10	L110	LE1J	LE11	L11J
DESIGN LEVELS	3.315	3.315	3.304	3.173	3.044	2.981	2.836
CUT \ FILL DEPTH	-0.117	0.000	0.000	0.000	0.000	0.000	0.001
EXISTING LEVELS	3.432	3.315	3.304	3.173	3.044	2.981	2.835
DESIGN OFFSET	-7.541	-6.900	-6.400	-3.200	0.000	3.077	6.483

CH 0.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING
SCALE 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:59:32 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 1 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3151
ISSUE: D1

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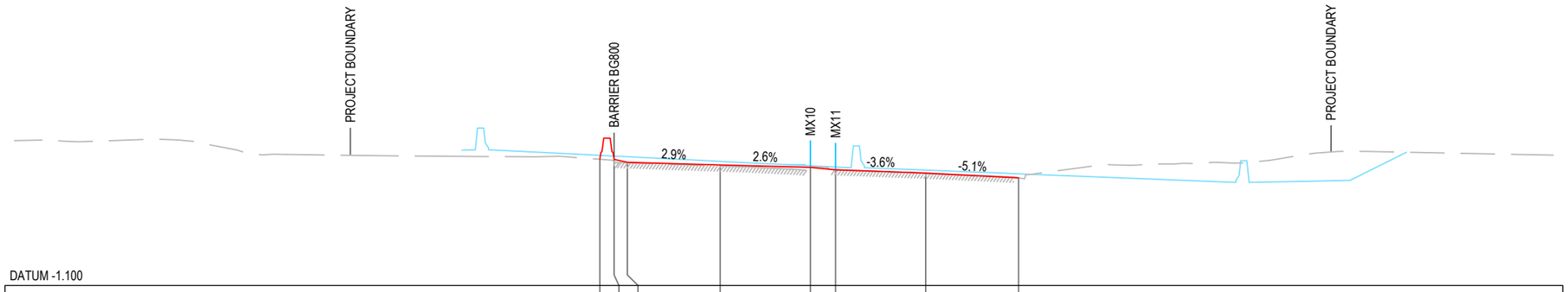
LEGEND

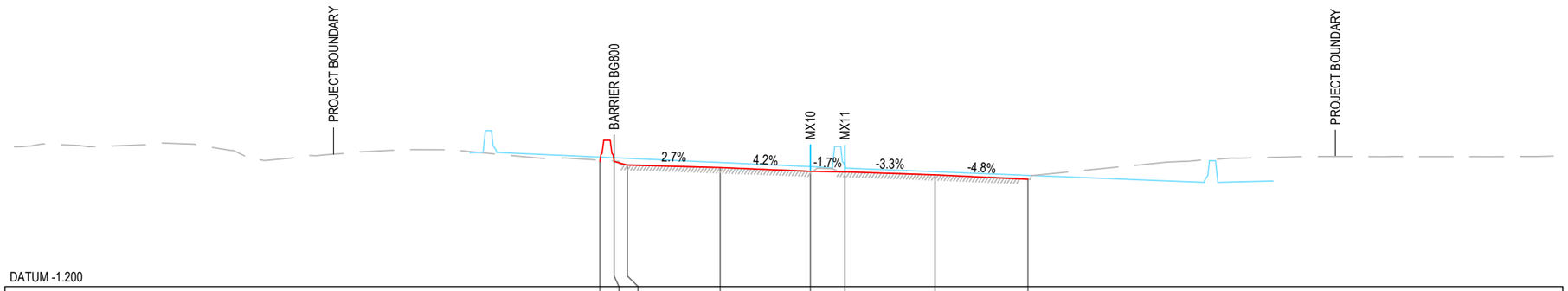
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -1.100

CUT STRINGS		ES10	LE10	L110	LE1J	LE11	L11J	LE1J	
DESIGN LEVELS	3.659	3.659	3.548	3.447	3.357	3.263	3.140	2.961	
CUT \ FILL DEPTH	-2.560	0.117	-0.875	-1.049	0.000	-0.007	0.000	0.000	
EXISTING LEVELS	6.220	3.542	4.423	4.495	3.357	3.270	3.140	2.961	
DESIGN OFFSET	-7.940	-7.400	-6.900	-3.400	0.000	0.946	4.347	7.847	

CH 60.000



DATUM -1.200

CUT STRINGS		ES10	LE10	L110	LE1J	LE11	L11J	LE1J	
DESIGN LEVELS	3.510	3.510	3.374	3.281	3.137	3.115	3.004	2.835	
CUT \ FILL DEPTH	-0.047	-0.014	-0.013	-0.219	0.000	-0.865	-1.758	-0.006	
EXISTING LEVELS	3.556	3.524	3.387	3.500	3.137	3.980	4.762	2.841	
DESIGN OFFSET	-7.940	-7.400	-6.900	-3.400	0.000	1.296	4.697	8.198	

CH 40.000

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:33 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 2 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3152

ISSUE: D1

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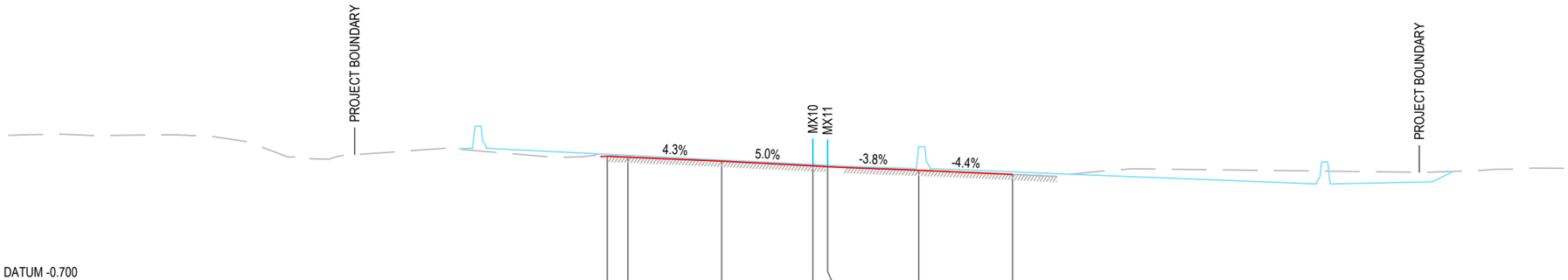
LEGEND

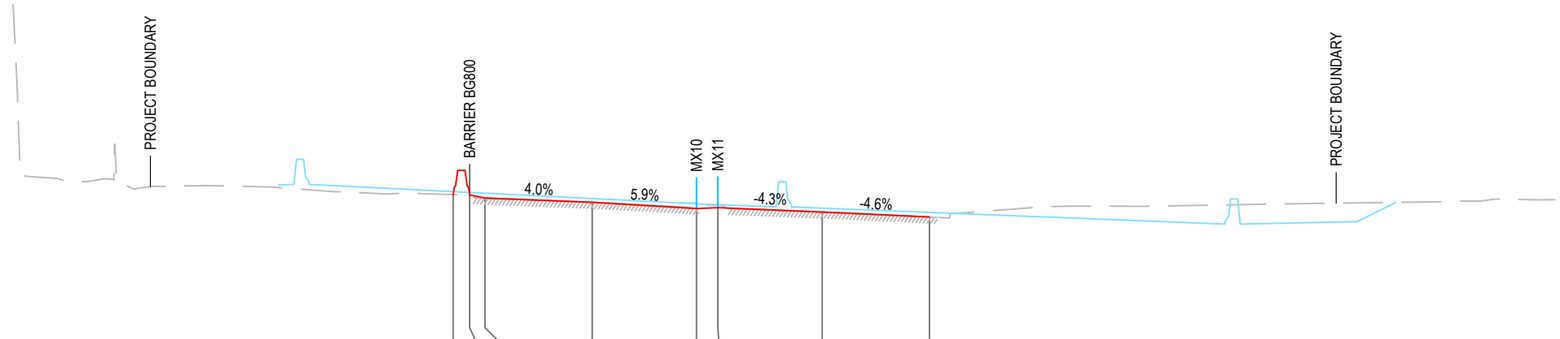
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -0.700

CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	3.989	3.957	3.807	3.636	3.599	3.469	3.315
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.023	0.000	-0.000
EXISTING LEVELS	3.989	3.957	3.807	3.636	3.622	3.469	3.315
DESIGN OFFSET	-7.674	-6.900	-3.400	0.000	0.547	3.947	7.447

CH 100.000



DATUM -0.900

CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	3.825	3.825	3.722	3.583	3.381	3.412	3.266	3.104
CUT \ FILL DEPTH	-0.011	0.000	0.000	0.000	0.000	-0.076	-0.000	0.000
EXISTING LEVELS	3.836	3.825	3.722	3.583	3.381	3.488	3.266	3.104
DESIGN OFFSET	-7.940	-7.400	-6.900	-3.400	0.000	0.696	4.096	7.596

CH 80.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:34 AM

PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services (NSW GOVERNMENT)

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\GMS\DGE-TITLEBLOCK-RMS-A3 X:\GMS\3-TS-1100-RSEC-MX10 X:\GMS\3-TS-1100-RSEC-MX80	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 3 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3153

ISSUE: D1

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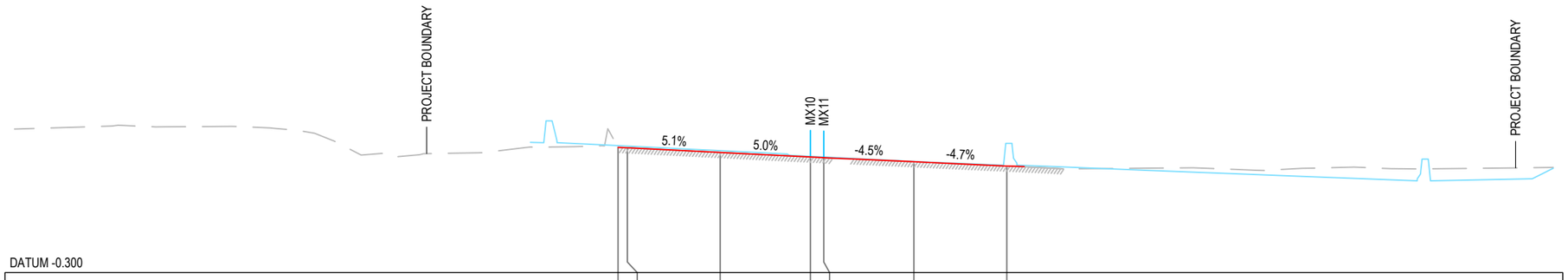
LEGEND

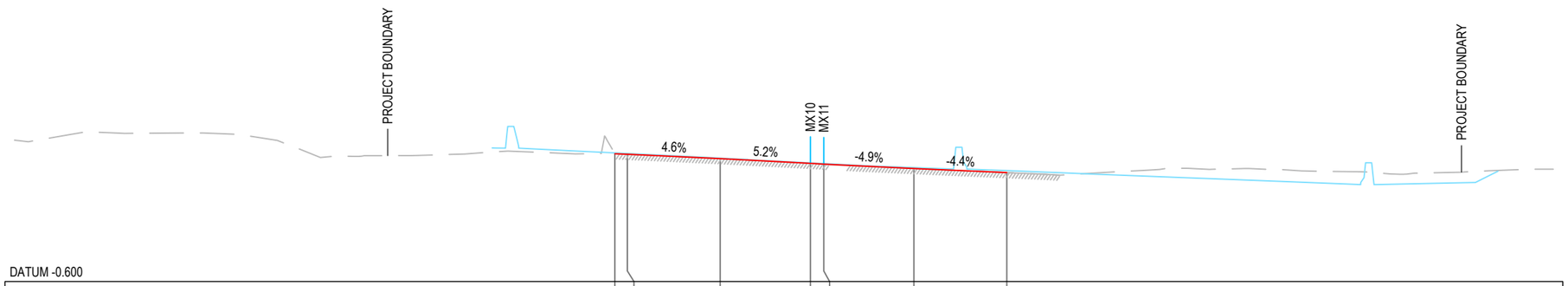
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -0.300

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J
CUT STRINGS							
DESIGN LEVELS	4.410	4.393	4.216	4.047	4.022	3.870	3.706
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	4.410	4.393	4.216	4.047	4.022	3.870	3.706
DESIGN OFFSET	-7.251	-6.900	-3.400	0.000	0.500	3.900	7.400

CH 140.000



DATUM -0.600

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J
CUT STRINGS							
DESIGN LEVELS	4.208	4.187	4.025	3.847	3.818	3.653	3.498
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	-0.000	0.000
EXISTING LEVELS	4.208	4.187	4.025	3.847	3.818	3.653	3.498
DESIGN OFFSET	-7.372	-6.900	-3.400	0.000	0.500	3.900	7.400

CH 120.000

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:35 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX10 X:\0246-03-TS-3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 4 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3154

ISSUE: D1

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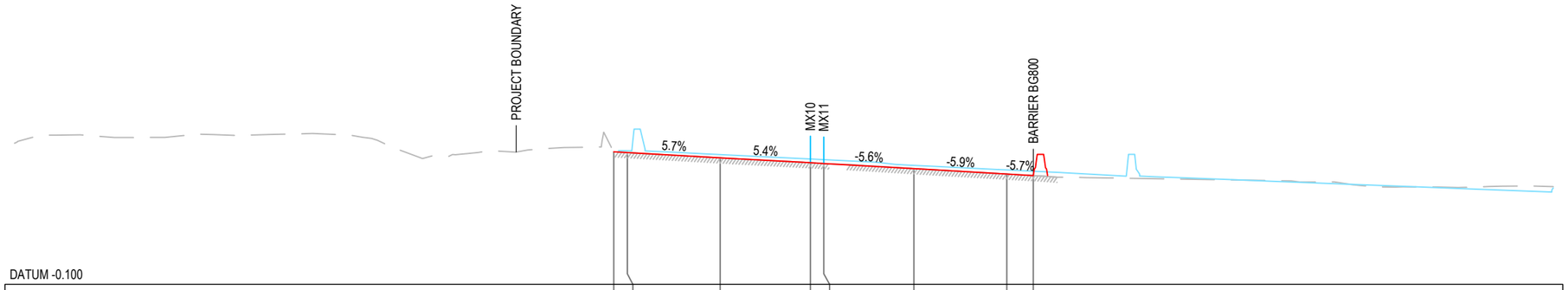
LEGEND

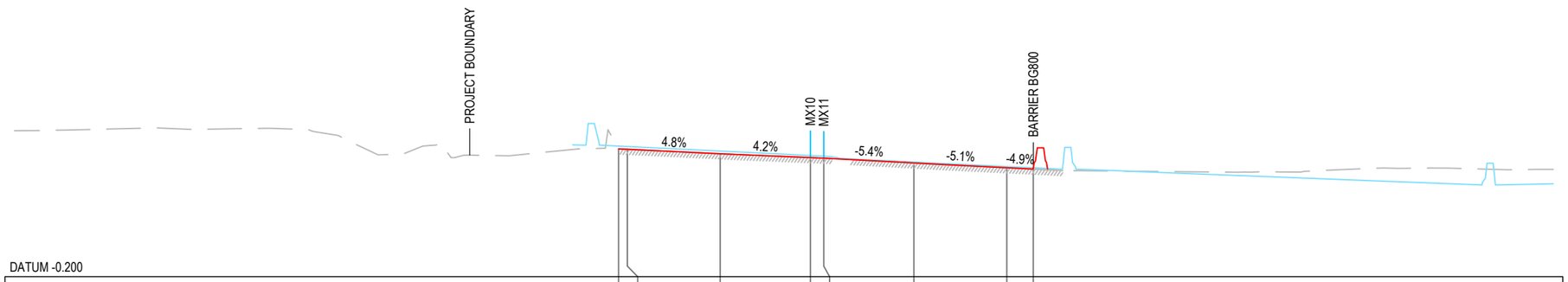
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -0.100

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	4.891	4.861	4.663	4.481	4.447	4.257	4.052	3.995
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EXISTING LEVELS	4.891	4.861	4.663	4.481	4.447	4.257	4.052	3.995
DESIGN OFFSET	-7.415	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 180.000



DATUM -0.200

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	4.615	4.601	4.434	4.290	4.269	4.085	3.906	3.857
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	4.615	4.601	4.434	4.290	4.269	4.085	3.906	3.857
DESIGN OFFSET	-7.233	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 160.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:36 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX10 X:\0246-03-TS-3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 5 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3155

ISSUE: D1

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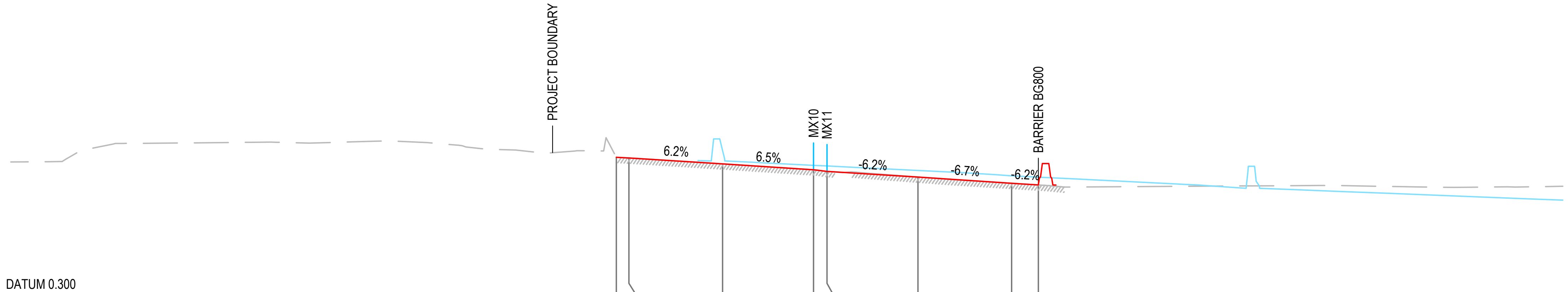
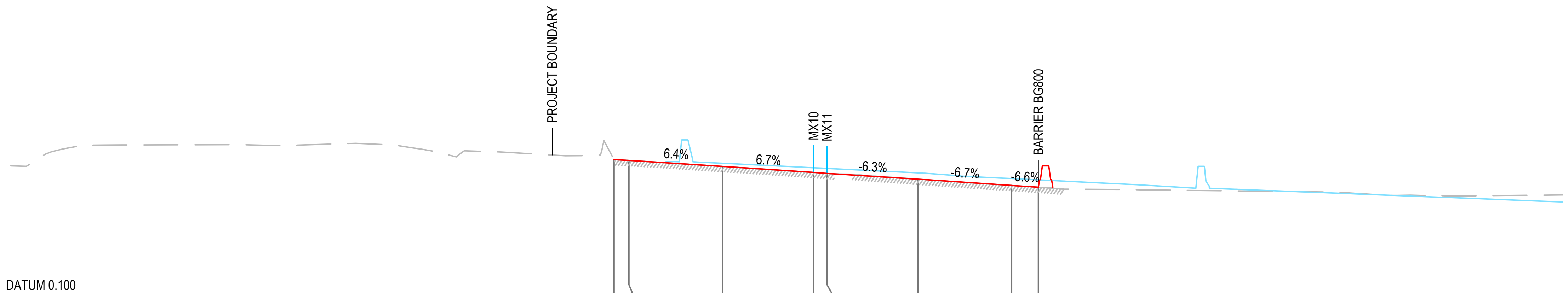
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	5.397	5.370	5.153	4.931	4.872	4.662	4.429	4.367
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.002	-0.000	0.000	0.000
EXISTING LEVELS	5.397	5.370	5.153	4.931	4.870	4.662	4.429	4.366
DESIGN OFFSET	-7.371	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 220.000



CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	5.178	5.147	4.923	4.697	4.659	4.446	4.210	4.144
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000	0.000
EXISTING LEVELS	5.178	5.147	4.923	4.697	4.659	4.446	4.210	4.144
DESIGN OFFSET	-7.455	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 200.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:59:37 AM

PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 6 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3156

ISSUE: D1

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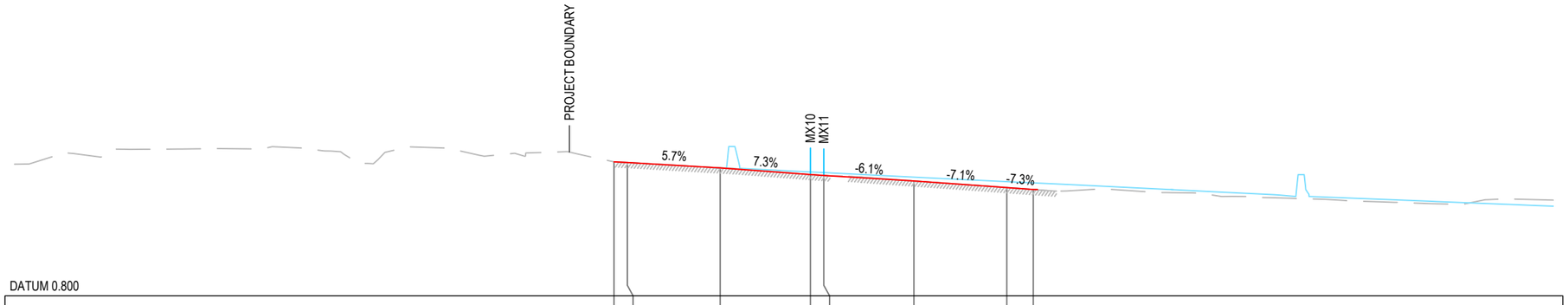
LEGEND

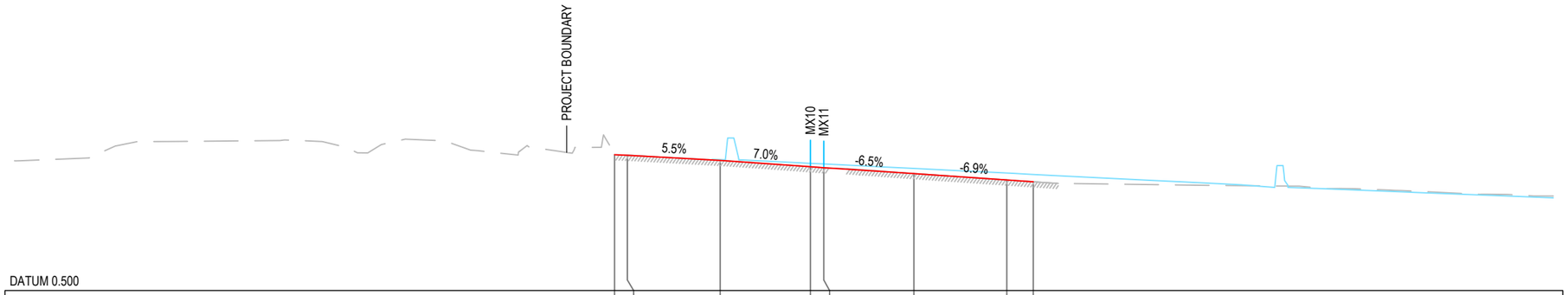
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 0.800

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.842	5.816	5.615	5.365	5.329	5.123	4.873	4.801
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.001	-0.000	-0.000	-0.000
EXISTING LEVELS	5.842	5.816	5.615	5.365	5.330	5.123	4.873	4.801
DESIGN OFFSET	-7.405	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 260.000



DATUM 0.500

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.620	5.597	5.405	5.166	5.130	4.908	4.667	4.599
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	-0.001
EXISTING LEVELS	5.620	5.597	5.405	5.166	5.130	4.908	4.668	4.600
DESIGN OFFSET	-7.385	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 240.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:38 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 7 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3157

ISSUE: D1

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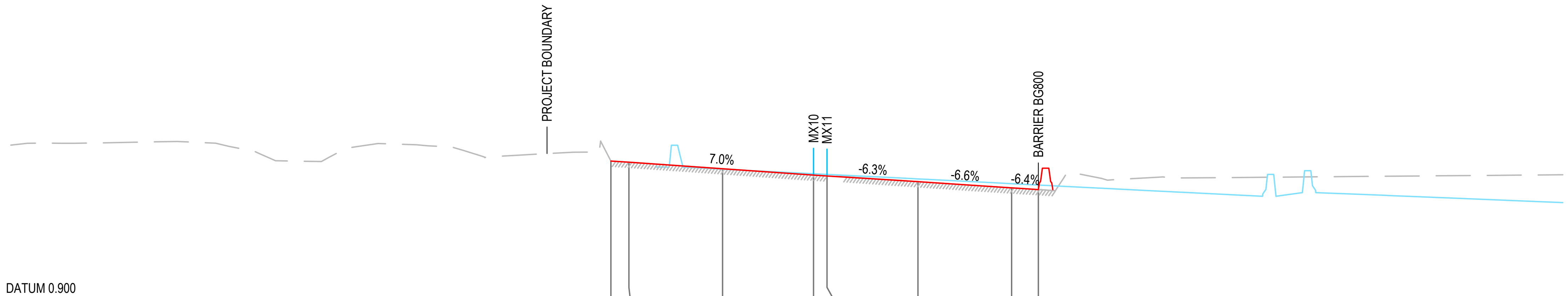
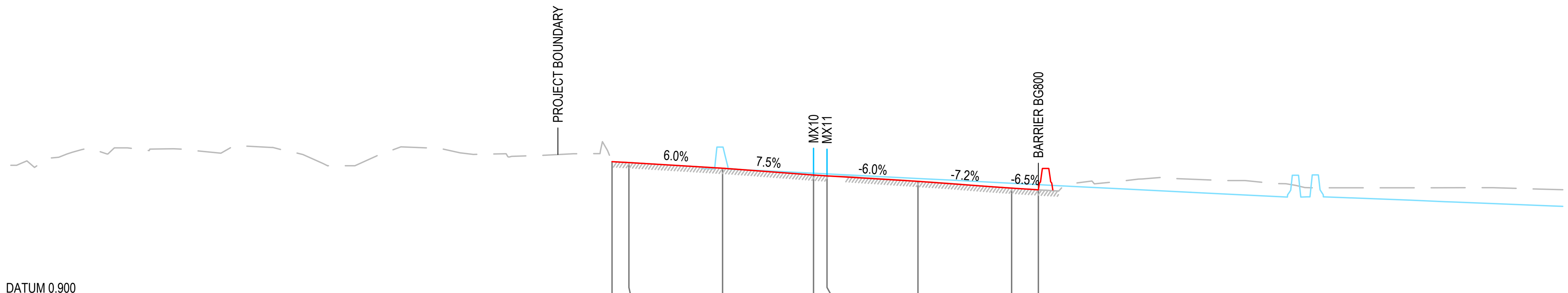
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	6.022	5.980	5.737	5.498	5.466	5.252	5.021	4.957
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000
EXISTING LEVELS	6.022	5.980	5.737	5.498	5.466	5.252	5.021	4.957
DESIGN OFFSET	-7.574	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 300.000



	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	6.007	5.971	5.761	5.506	5.474	5.271	5.018	4.952
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.000	0.000	-0.000	-0.000
EXISTING LEVELS	6.007	5.971	5.761	5.506	5.474	5.271	5.018	4.953
DESIGN OFFSET	-7.531	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 280.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:39 AM — PLOT BY: Kate Mercer

CLIENT

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

NSW GOVERNMENT — Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1A - CROSS SECTIONS - MX10

SHEET 8 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3158 — ISSUE D1

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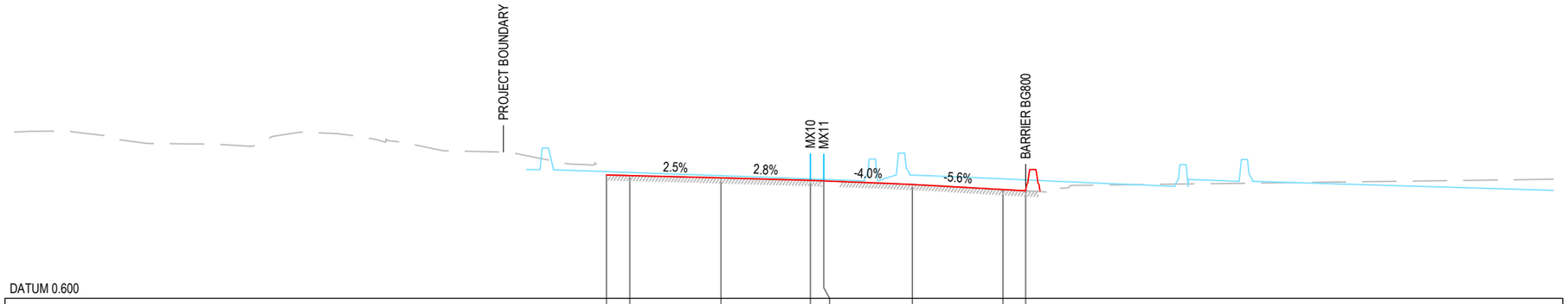
LEGEND

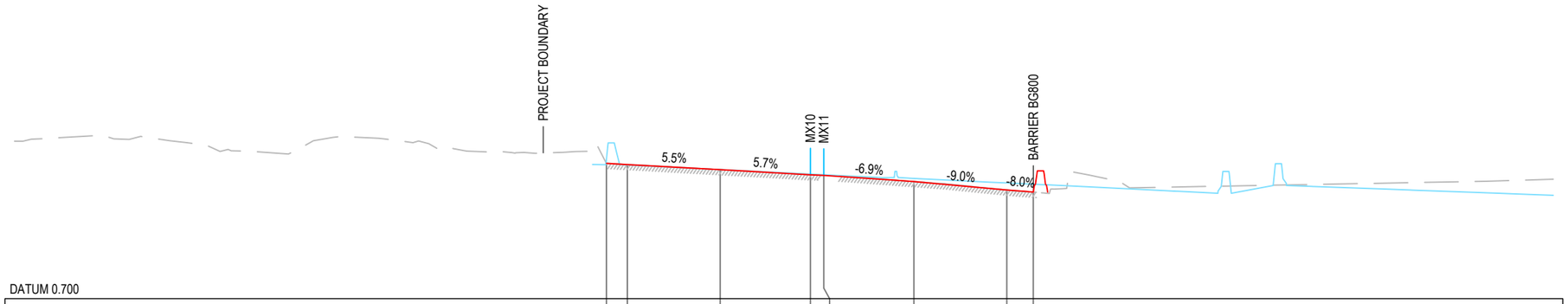
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.600

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.246	5.221	5.136	5.040	5.018	4.884	4.693	4.647
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
EXISTING LEVELS	5.246	5.221	5.136	5.040	5.018	4.884	4.692	4.647
DESIGN OFFSET	-7.689	-6.808	-3.369	0.000	0.500	3.843	7.257	8.114

CH 340.000



DATUM 0.700

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.793	5.749	5.555	5.363	5.341	5.107	4.791	4.711
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.004	0.000	0.002	0.003
EXISTING LEVELS	5.793	5.749	5.555	5.363	5.345	5.107	4.789	4.708
DESIGN OFFSET	-7.690	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 320.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:40 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX10 X:\0246-03-TS-3100-XSEC-MX80	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3
SHEET 9 OF 29

RMS REGISTRATION No.
PART
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3159
ISSUE: D1

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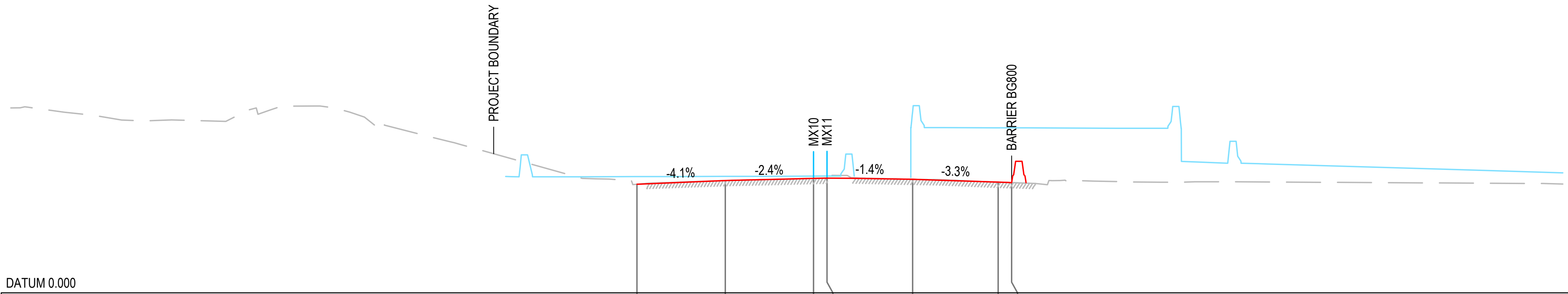
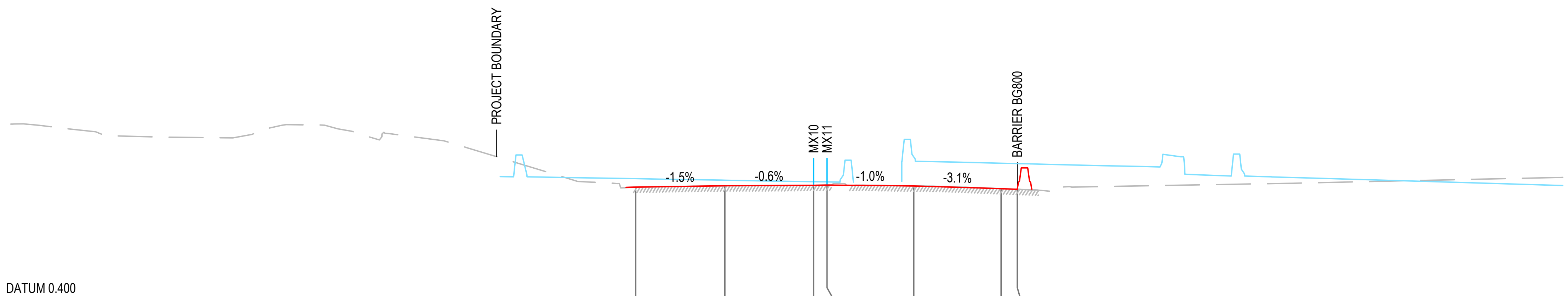
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	4.066	4.203	4.283	4.295	4.251	4.144	4.125
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.002	0.000
EXISTING LEVELS	4.066	4.203	4.283	4.295	4.251	4.142	4.125
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 380.000



CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	4.556	4.607	4.628	4.634	4.601	4.500	4.477
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EXISTING LEVELS	4.556	4.607	4.628	4.634	4.601	4.500	4.477
DESIGN OFFSET	-6.648	-3.316	0.000	0.500	3.743	7.007	7.613

CH 360.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:40 AM — PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW GOVERNMENT

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 10 OF 29

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3160 — ISSUE D1

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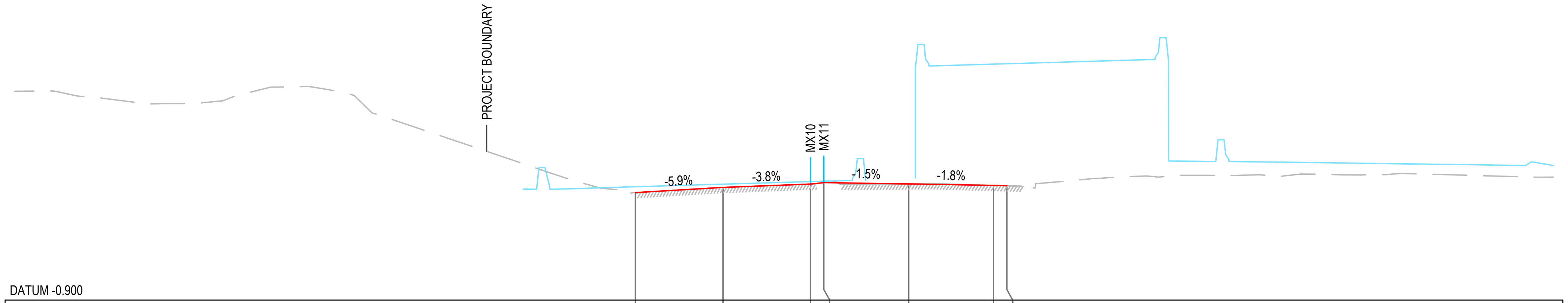
LEGEND

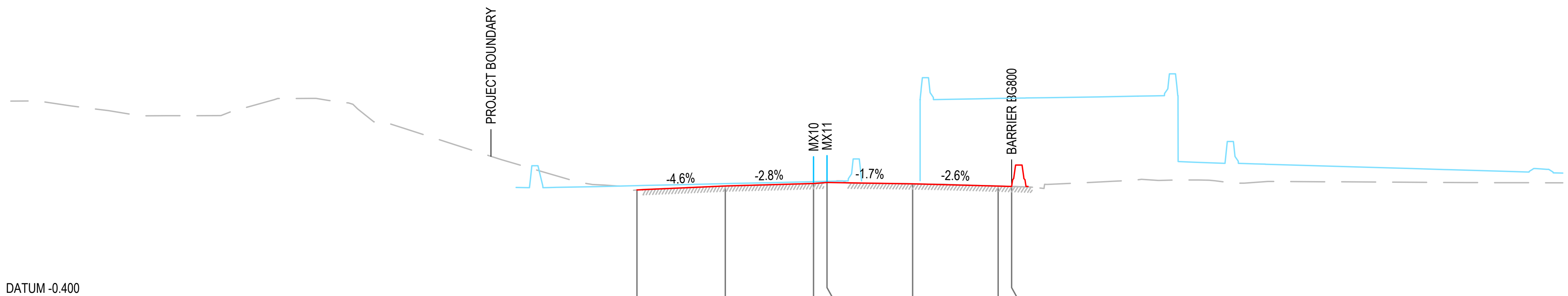
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -0.900

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	3.160	3.356	3.482	3.536	3.488	3.430	3.416
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.040	0.001	-0.001	-0.001
EXISTING LEVELS	3.160	3.356	3.482	3.575	3.487	3.431	3.418
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 420.000



DATUM -0.400

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	3.650	3.801	3.892	3.933	3.880	3.797	3.782
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.036	0.000	-0.000	-0.000
EXISTING LEVELS	3.650	3.801	3.892	3.969	3.880	3.797	3.782
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 400.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:41 AM

PLOT BY: Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 AT A3

DRAWINGS / DESIGN PREPARED BY: DESIGNER JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 11 OF 29

RMS REGISTRATION No.

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No. CS-3161

ISSUE D1

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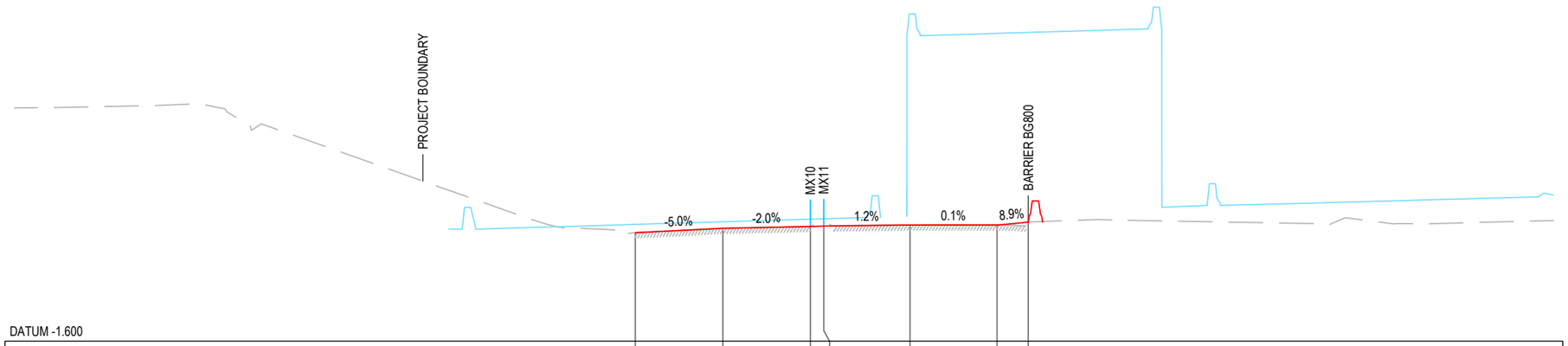
LEGEND

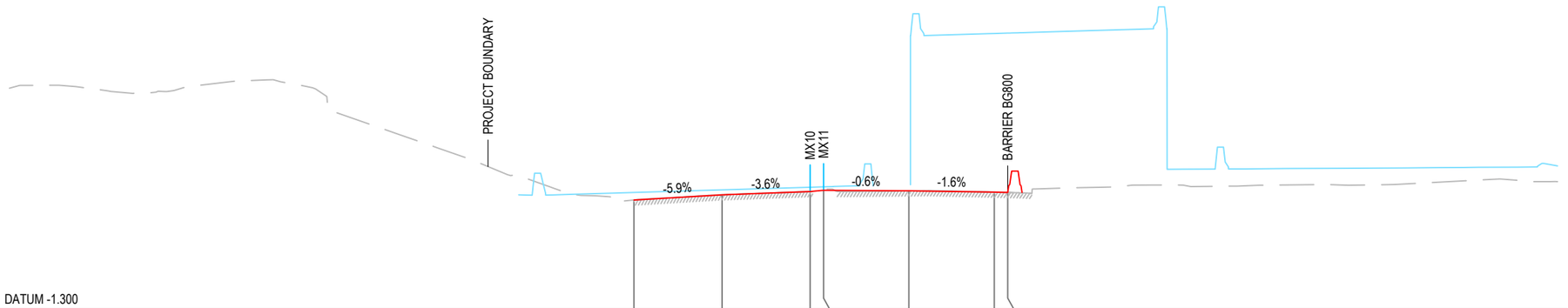
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -1.600

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	2.488	2.655	2.721	2.741	2.779	2.782	2.887
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.063	0.001	0.001	-0.009
EXISTING LEVELS	2.488	2.655	2.721	2.804	2.778	2.781	2.896
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.754	7.035	8.212

CH 460.000



DATUM -1.300

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	2.775	2.970	3.089	3.138	3.119	3.069	3.058
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.045	0.001	0.000	0.000
EXISTING LEVELS	2.775	2.970	3.089	3.184	3.119	3.069	3.058
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 440.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 150mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:42 AM
PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW Government

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3
SHEET 12 OF 29

QR CODE / SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
	X:\0246-00-GE-TITLEBLOCK.RMS A3 X:\0246-03-TS-3100.SEC-MX10 X:\0246-03-TS-3100.SEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

RMS REGISTRATION No.
PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3162
ISSUE: D1

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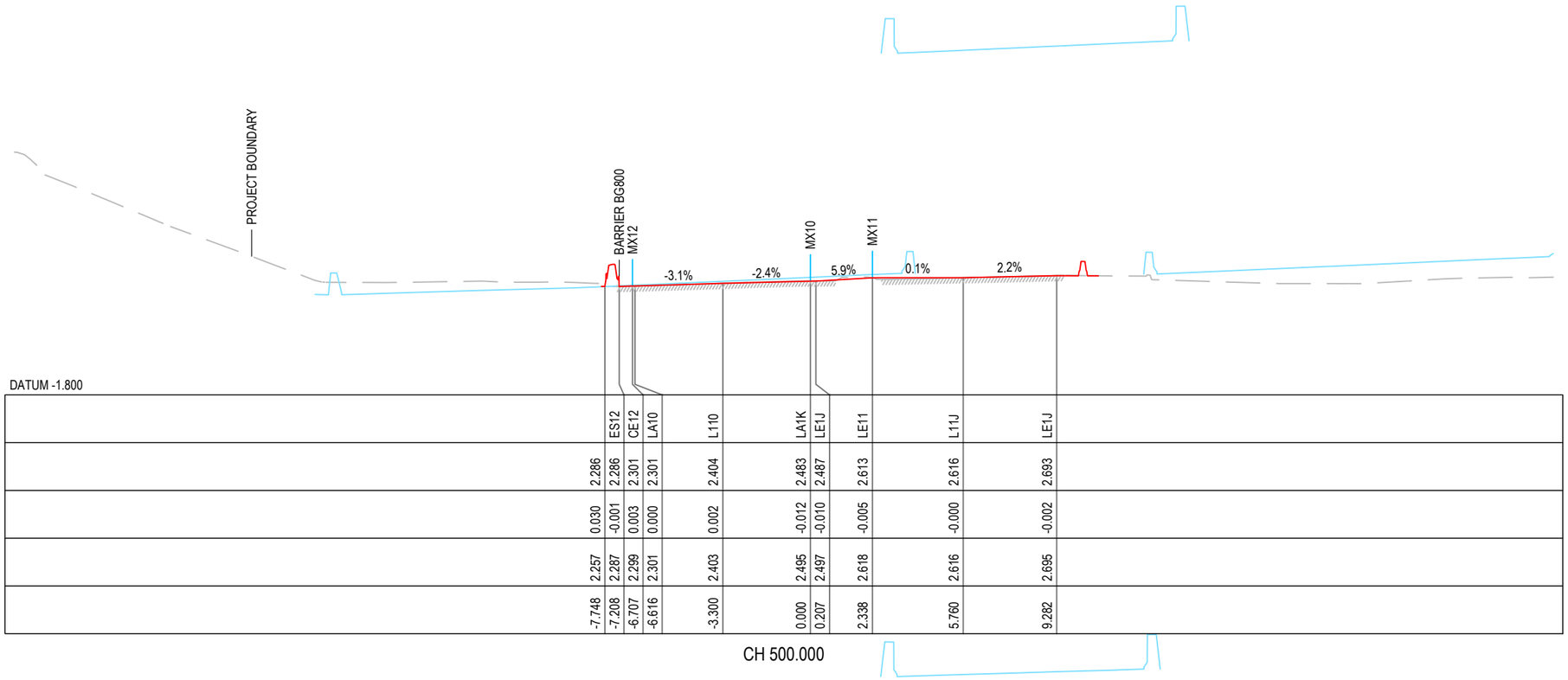
LEGEND

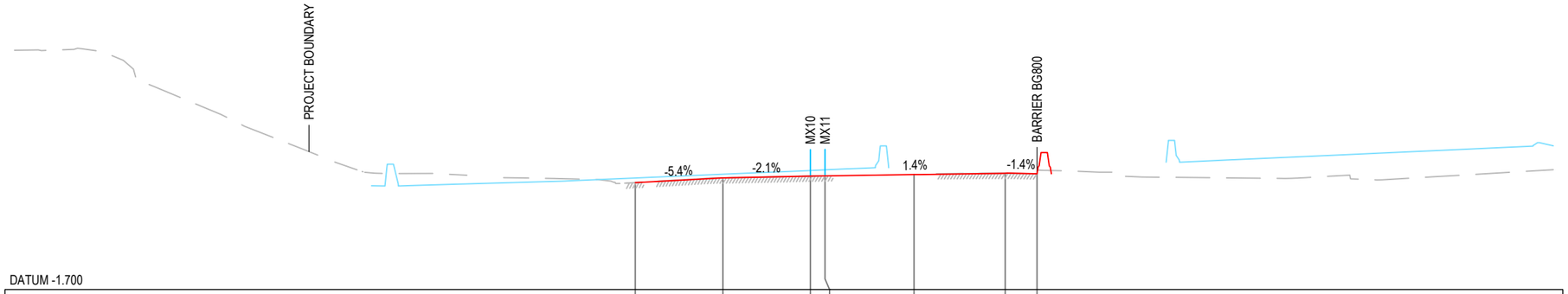
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -1.800

CUT STRINGS			ES12	CE12	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J		
DESIGN LEVELS	2.286	2.286	2.301	2.301	2.404	2.483	2.487	2.613	2.616	2.693			
CUT \ FILL DEPTH	0.030	-0.001	0.003	0.000	0.002	-0.012	-0.010	-0.005	-0.000	-0.002			
EXISTING LEVELS	2.257	2.287	2.299	2.301	2.403	2.495	2.497	2.618	2.616	2.695			
DESIGN OFFSET	-7.748	-7.208	-6.707	-6.616	-3.300	0.000	0.207	2.338	5.760	9.282			

CH 500.000



DATUM -1.700

CUT STRINGS			LE10	L110	LE1J	LE11	L11J	LE1J	ES1J				
DESIGN LEVELS	2.332	2.508	2.576	2.586	2.634	2.683	2.666						
CUT \ FILL DEPTH	0.000	0.000	0.000	0.001		0.001	-0.087						
EXISTING LEVELS	2.332	2.508	2.576	2.585		2.682	2.753						
DESIGN OFFSET	-6.600	-3.300	0.000	0.550	3.906	7.341	8.542						

CH 480.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:43 AM

PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW GOVERNMENT

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 13 OF 29

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3100-XSEC-MX10 X:\0246-03-TS 3100-XSEC-MX80	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3163

ISSUE: D1

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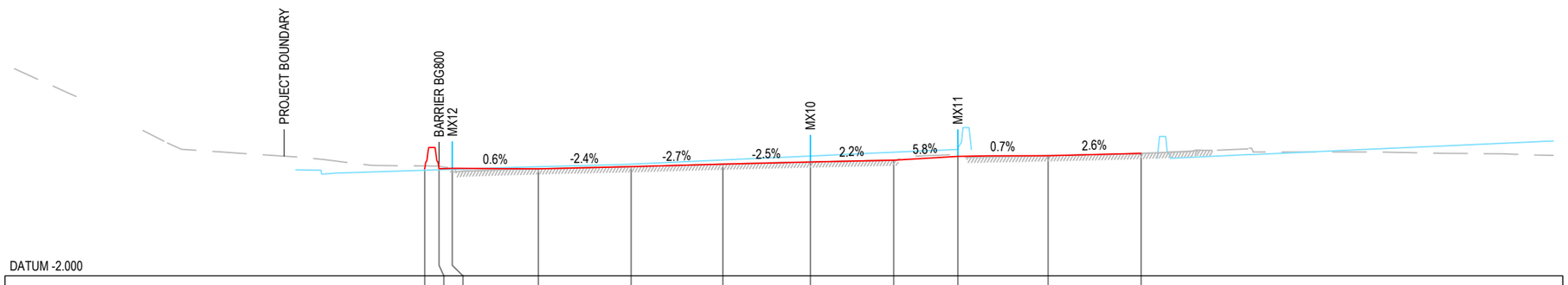
LEGEND

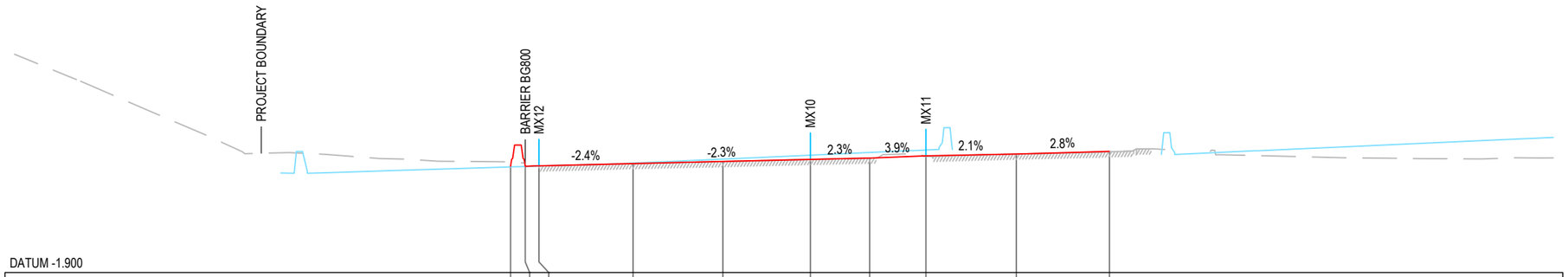
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -2.000

CUT STRINGS			ES12	CE12	L111	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.031	2.031	2.046	2.026	2.110	2.205	2.286	2.354	2.495	2.520	2.610	
CUT \ FILL DEPTH	-0.104	-0.095	-0.013	-0.003	0.002	-0.000	-0.000	0.000	0.000	0.000	0.001	
EXISTING LEVELS	2.136	2.126	2.059	2.029	2.108	2.205	2.287	2.354	2.494	2.520	2.609	
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.256	-6.756	-3.300	0.000	3.139	5.555	8.959	12.463	

CH 540.000



DATUM -1.900

CUT STRINGS			ES12	CE12	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.102	2.103	2.119	2.203	2.282	2.360	2.411	2.493	2.564	2.663	
CUT \ FILL DEPTH	-0.157	-0.046	0.000	-0.003	0.001	-0.002	-0.000	0.018	0.000	0.012	
EXISTING LEVELS	2.259	2.150	2.119	2.206	2.281	2.362	2.411	2.475	2.564	2.651	
DESIGN OFFSET	-11.306	-10.748	-10.232	-6.686	-3.300	0.000	2.232	4.353	7.761	11.269	

CH 520.000

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:44 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3100-XSEC-MX10 X:\0246-03-TS 3100-XSEC-MX00	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 14 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3164

ISSUE: D1

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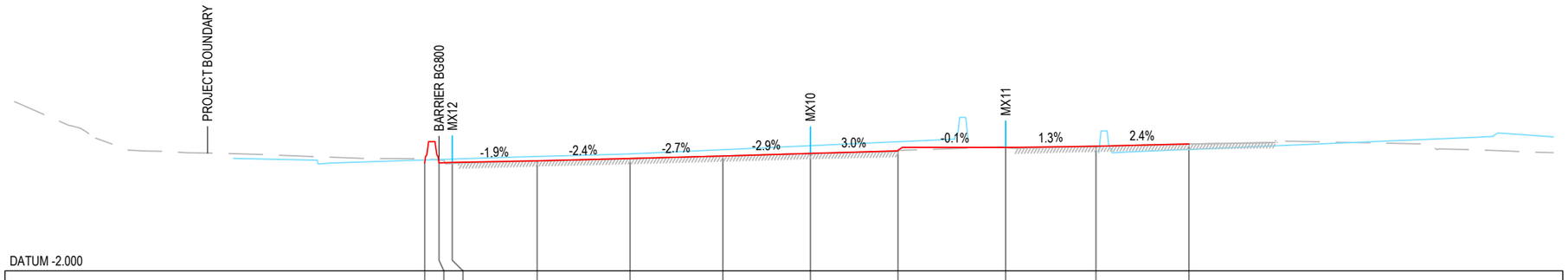
LEGEND

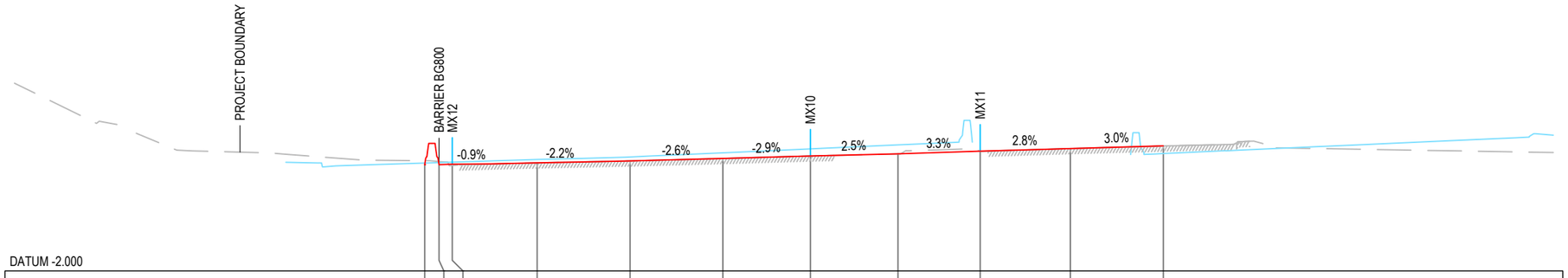
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -2.000

CUT STRINGS			ES12	CE12	L111	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.062	2.062	2.077	2.138	2.224	2.320	2.415	2.514	2.641	2.685	2.770	
CUT \ FILL DEPTH	-0.151	-0.105	0.036	-0.000	0.000	0.000	0.000	0.016	0.002	0.000	-0.000	
EXISTING LEVELS	2.213	2.167	2.041	2.139	2.224	2.320	2.415	2.498	2.639	2.685	2.770	
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.300	-6.800	-3.300	0.000	3.300	7.359	10.764	14.268	

CH 580.000



DATUM -2.000

CUT STRINGS			ES12	CE12	L111	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.002	2.002	2.017	2.067	2.143	2.232	2.327	2.409	2.511	2.605	2.710	
CUT \ FILL DEPTH	-0.148	-0.115	0.049	-0.000	0.000	0.000	-0.000	0.005	0.013	-0.000	0.006	
EXISTING LEVELS	2.151	2.117	1.968	2.068	2.143	2.232	2.327	2.404	2.498	2.605	2.703	
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.300	-6.800	-3.300	0.000	3.300	6.397	9.800	13.302	

CH 560.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246\04\3E TITLEBLOCK-RMS-A3 X:\0246\03-TS 3100-XSEC-MX10 X:\0246\03-TS 3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:59:45 AM | PLOT BY: Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
A3
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
SHEET 15 OF 29
PHASE 1A - CROSS SECTIONS - MX10

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: CS-3165 | ISSUE: D1

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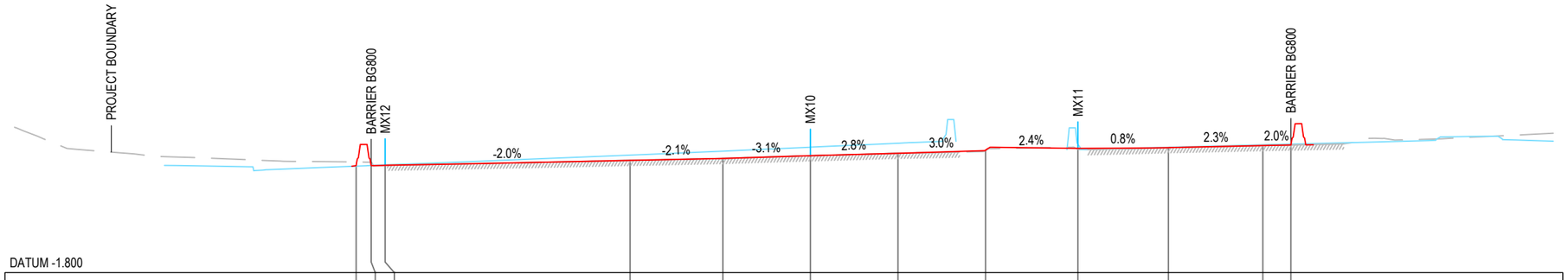

LEGEND

╌	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN

DATUM -1.800

CUT STRINGS		ES12	CE12	LA10	L110	LA1K	LA1J	LE1J	LE11	L11J	LE16	ES16
DESIGN LEVELS	2.234	2.233	2.246	2.434	2.506	2.610	2.702	2.801	2.885	2.913	2.994	3.015
CUT \ FILL DEPTH	-0.139	-0.132	-0.001	-0.000	0.001	0.000	-0.000	-0.005	0.031	-0.001	0.000	0.000
EXISTING LEVELS	2.374	2.366	2.247	2.434	2.506	2.610	2.702	2.806	2.855	2.914	2.993	3.015
DESIGN OFFSET	-17.126	-16.558	-16.033	-6.800	-3.300	0.000	3.300	6.600	10.083	13.493	17.053	18.111

CH 620.000

DATUM -1.900

CUT STRINGS		ES12	CE12	L111	LA10	L110	LA1K	LA1J	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.156	2.156	2.171	2.222	2.310	2.390	2.481	2.549	2.648	2.716	2.773	2.855
CUT \ FILL DEPTH	-0.133	-0.095	0.046	-0.000	-0.000	0.000	-0.000	0.000	-0.086	-0.016	-0.000	-0.001
EXISTING LEVELS	2.289	2.251	2.125	2.222	2.310	2.390	2.481	2.549	2.734	2.731	2.773	2.856
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.300	-6.800	-3.300	0.000	3.300	6.600	8.591	11.998	15.505

CH 600.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME
15/01/2021 9:59:46 AM

PLOT BY
Kate Mercer

QR CODE
SCAN TO CHECK DOCUMENT VER.

EXTERNAL REFERENCE FILES
X-0246-00-GE-TITLEBLOCK-RMS-A3
X-0246-03-TS-3100-XSEC-MX10
X-0246-03-TS-3100-XSEC-MX20.

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100
1 0 1 2
AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport
Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET
16 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3166

ISSUE
D1

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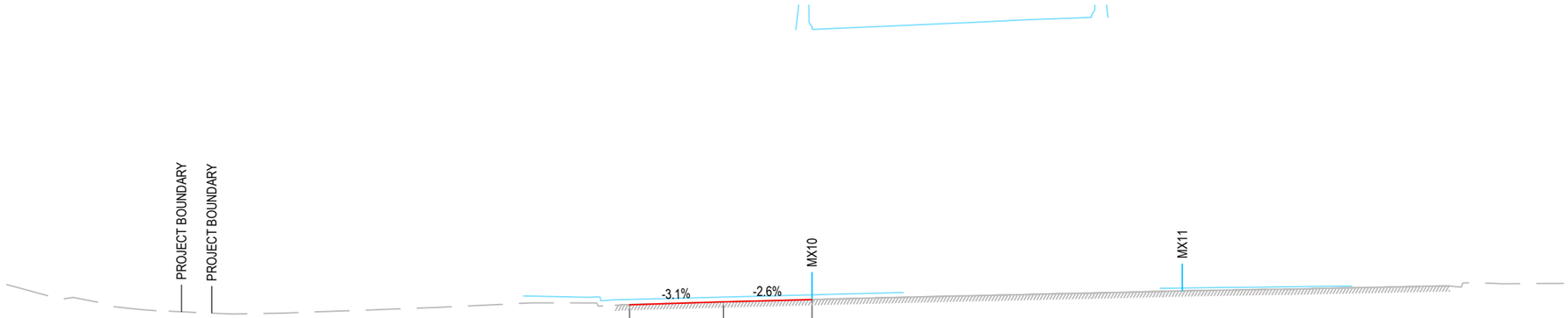
LEGEND

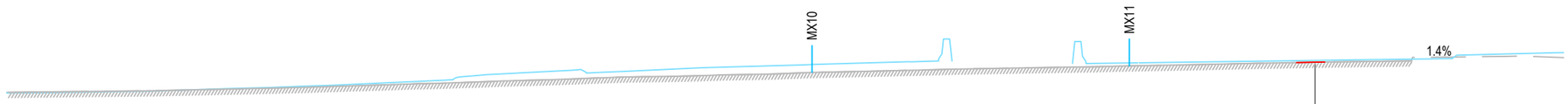
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -1.100

	LE10	L110	LA1K
CUT STRINGS			
DESIGN LEVELS	2.926	3.036	3.122
CUT \ FILL DEPTH	-0.010	-0.000	-0.000
EXISTING LEVELS	2.936	3.036	3.122
DESIGN OFFSET	-6.800	-3.300	0.000

CH 660.000



DATUM -0.900

	2.817	LE1J	18.744
CUT STRINGS			
DESIGN LEVELS		3.198	
CUT \ FILL DEPTH		0.001	
EXISTING LEVELS		3.197	
DESIGN OFFSET	0.000		

CH 640.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:48 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX10 X:\0246-03-TS-3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3
SHEET 17 OF 29

RMS REGISTRATION No.:
PART:
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: CS-3167
ISSUE: D1

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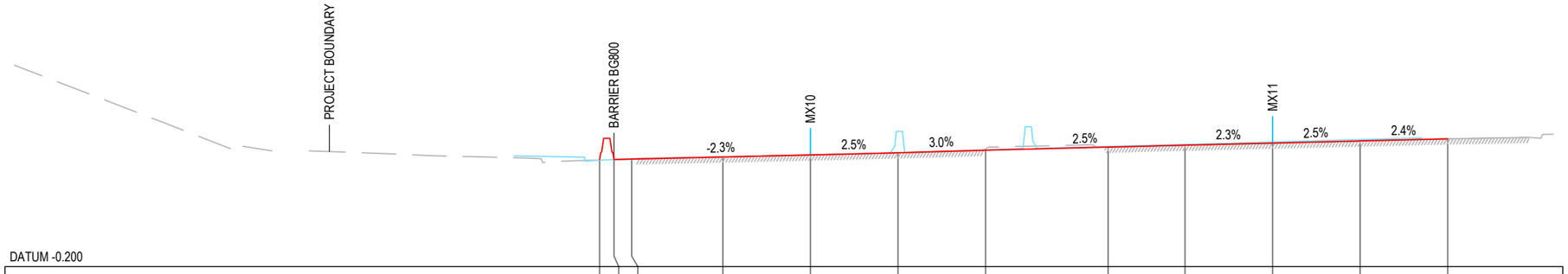
LEGEND

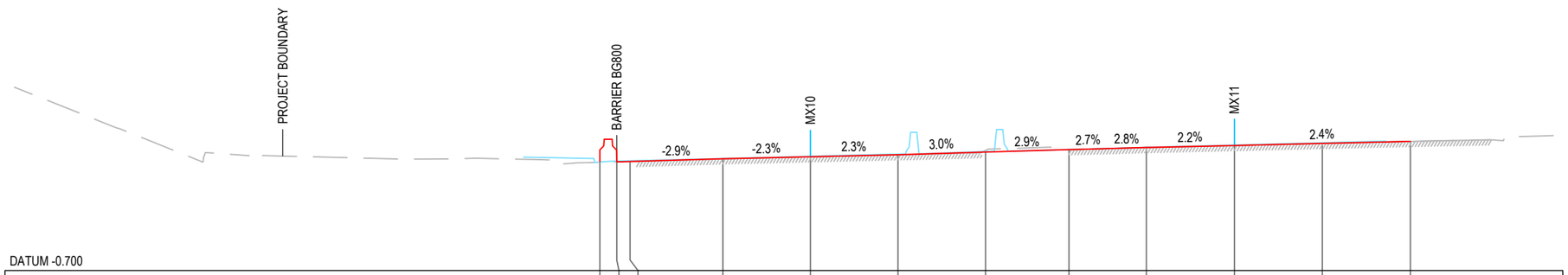
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -0.200

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J	
DESIGN LEVELS		3.839	3.839	3.858	3.936	4.011	4.092	4.191	4.308	4.382	4.457	4.540	4.618	
CUT \ FILL DEPTH		0.017	0.000	-0.005	0.000	-0.000	0.001	-0.050	0.007	-0.000	-0.000	-0.000	-0.000	
EXISTING LEVELS		3.822	3.839	3.863	3.936	4.011	4.091	4.241	4.301	4.382	4.457	4.540	4.618	
DESIGN OFFSET		-7.946	-7.406	-6.736	-3.300	0.000	3.300	6.600	11.218	14.119	17.420	20.721	24.022	

CH 700.000



DATUM -0.700

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J	
DESIGN LEVELS		3.398	3.398	3.411	3.513	3.590	3.667	3.766	3.858	3.939	4.012	4.092	4.170	
CUT \ FILL DEPTH		0.016	0.000	0.000	-0.000	0.000	0.000	-0.065	0.000	-0.000	-0.000	0.000	-0.000	
EXISTING LEVELS		3.382	3.398	3.411	3.514	3.590	3.667	3.831	3.858	3.939	4.012	4.092	4.170	
DESIGN OFFSET		-7.941	-7.300	-6.800	-3.300	0.000	3.300	6.600	9.745	12.662	15.980	19.298	22.616	

CH 680.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:49 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246\DGE TITLEBLOCK-RMS-A3 X:\0246\03-TS 3100 XSEC.MX10 X:\0246\03-TS 3100 XSEC.MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 18 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3168

ISSUE: D1

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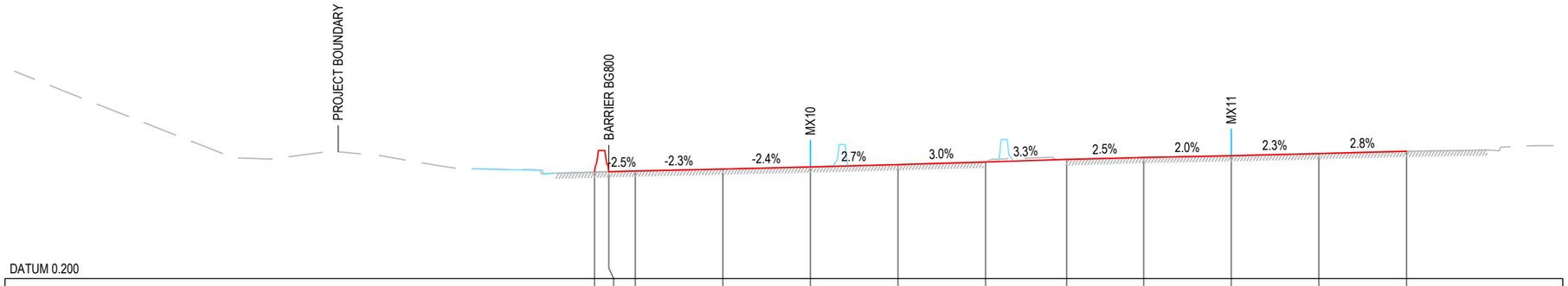
LEGEND

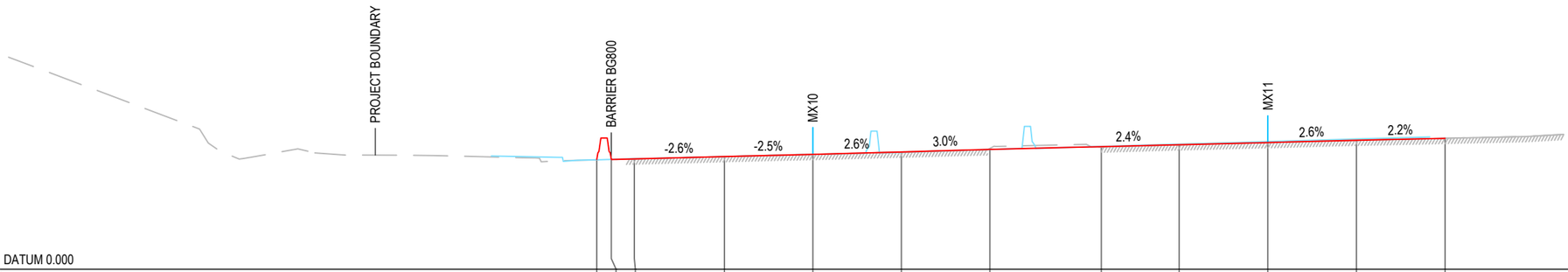
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.200

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.233		4.233	4.258	4.333	4.413	4.501	4.600	4.701	4.772	4.838	4.915	5.006
CUT \ FILL DEPTH	0.013		-0.002	-0.001	-0.000	0.000	0.000	-0.000	0.021	-0.000	0.000	-0.001	0.001
EXISTING LEVELS	4.219		4.235	4.259	4.334	4.413	4.501	4.601	4.679	4.772	4.838	4.915	5.005
DESIGN OFFSET	-8.140		-7.600	-6.600	-3.300	0.000	3.300	6.600	9.657	12.560	15.864	19.167	22.471

CH 740.000



DATUM 0.000

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.092		4.092	4.114	4.200	4.283	4.370	4.469	4.569	4.641	4.721	4.808	4.880
CUT \ FILL DEPTH	0.014		0.001	0.001	-0.000	0.002	0.002	-0.036	0.013	-0.000	0.000	-0.003	-0.001
EXISTING LEVELS	4.078		4.091	4.112	4.200	4.281	4.368	4.505	4.556	4.641	4.721	4.811	4.881
DESIGN OFFSET	-8.061	-7.521	-6.662	-3.300	0.000	3.300	6.600	10.760	13.664	16.969	20.274	23.580	

CH 720.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:50 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX10 X:\0246-03-TS-3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 19 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3169

ISSUE: D1

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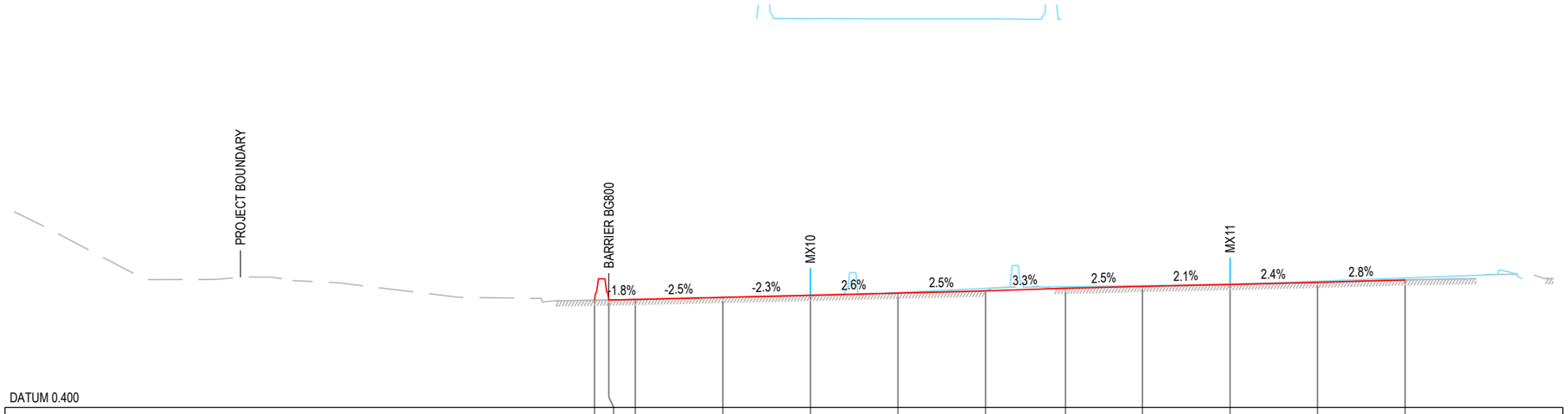
LEGEND

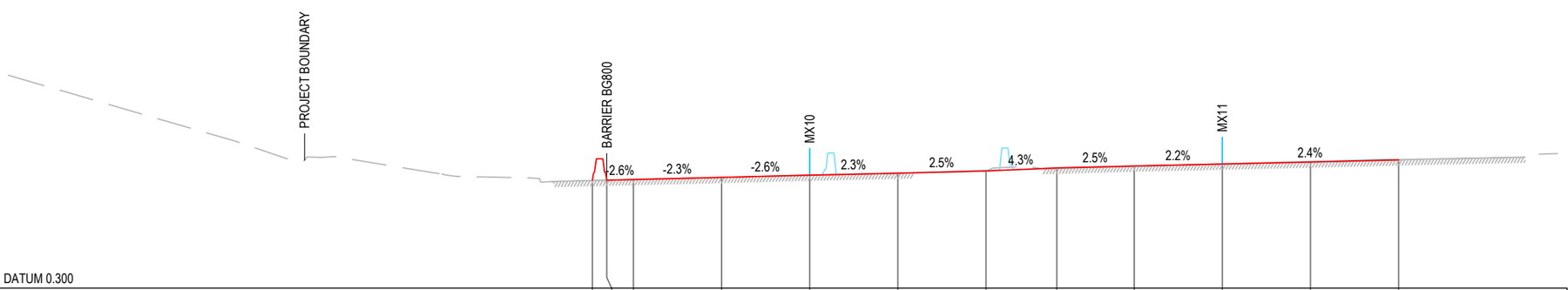
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.400

CUT STRINGS		ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J	
DESIGN LEVELS	4.455	4.455	4.473	4.554	4.632	4.716	4.799	4.897	4.970	5.040	5.120	5.211	
CUT \ FILL DEPTH	0.009	-0.000	0.000	-0.000	0.000	-0.000	0.011	0.002	-0.000	-0.000	-0.000	-0.000	
EXISTING LEVELS	4.446	4.455	4.473	4.554	4.631	4.716	4.788	4.895	4.970	5.040	5.120	5.211	
DESIGN OFFSET	-8.140	-7.600	-6.600	-3.300	0.000	3.300	6.600	9.615	12.515	15.815	19.116	22.416	

CH 780.000



DATUM 0.300

CUT STRINGS		ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J	
DESIGN LEVELS	4.341	4.341	4.367	4.444	4.528	4.603	4.686	4.800	4.872	4.945	5.023	5.104	
CUT \ FILL DEPTH	0.012	-0.001	0.000	0.000	-0.000	-0.000	0.004	0.010	-0.000	0.000	0.000	-0.000	
EXISTING LEVELS	4.329	4.342	4.367	4.444	4.528	4.603	4.682	4.790	4.872	4.945	5.023	5.104	
DESIGN OFFSET	-8.140	-7.600	-6.600	-3.300	0.000	3.300	6.600	9.251	12.151	15.451	18.751	22.051	

CH 760.000

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:51 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3100-XSEC-MX10 X:\0246-03-TS 3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3

SHEET 20 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3170

ISSUE: D1

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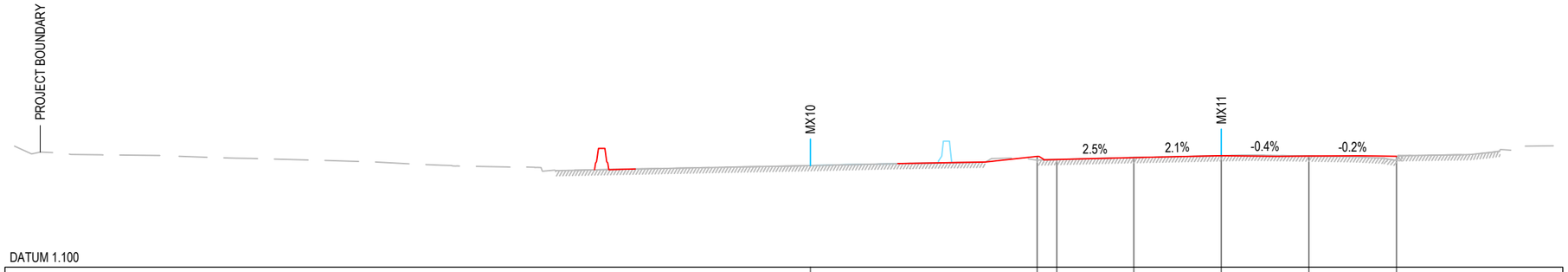

LEGEND

— —	EXISTING SURFACE
───	ULTIMATE DESIGN
───	STAGING DESIGN

DATUM 1.100

CUT STRINGS			LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS		5.271	5.154	5.226	5.294	5.282	5.277
CUT \ FILL DEPTH		0.137	0.000	-0.000	0.000	-0.002	0.156
EXISTING LEVELS	4.924	5.134	5.153	5.226	5.294	5.284	5.121
DESIGN OFFSET	0.000	8.546	9.286	12.187	15.489	18.790	22.092

CH 811.400

DATUM 0.600

CUT STRINGS		ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.626	4.626	4.638	4.720	4.807	4.885	4.963	5.065	5.138	5.216	5.224	5.302
CUT \ FILL DEPTH	0.006	-0.001	0.000	0.000	-0.000	-0.000	0.008	-0.003	-0.000	-0.000	-0.001	-0.000
EXISTING LEVELS	4.620	4.627	4.638	4.720	4.807	4.885	4.955	5.069	5.138	5.216	5.225	5.303
DESIGN OFFSET	-8.140	-7.600	-6.600	-3.300	0.000	3.300	6.600	9.556	12.456	15.757	19.057	22.357

CH 800.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg						DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING
QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3100-XSEC-MX10 X-0246-03-TS-3100-XSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100
AT A3

CO-ORDINATE SYSTEM	HEIGHT DATUM
MGA ZONE 56	AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:59:52 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
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DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
Transport Roads & Maritime Services
NSW GOVERNMENT

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX10

A3
SHEET 21 OF 29

RMS REGISTRATION No.
PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		CS-3171	D1

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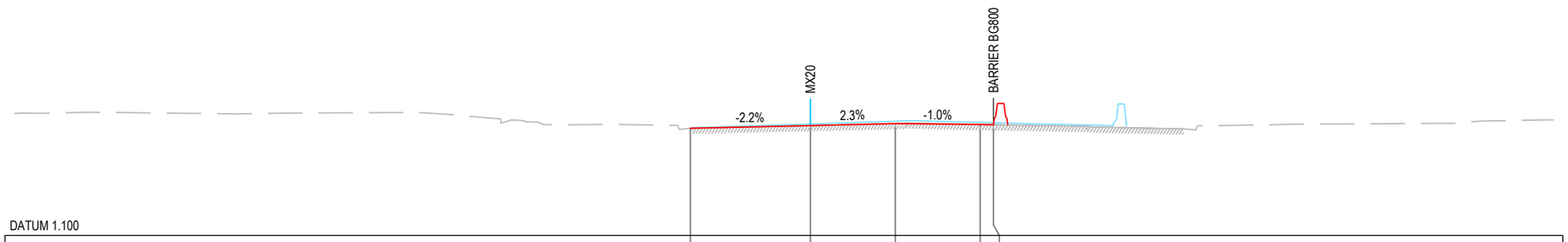
LEGEND

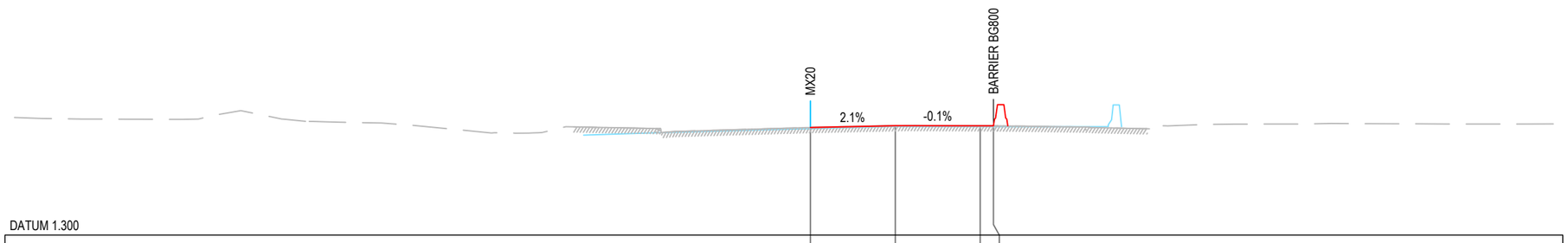
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 1.100

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.145	5.246	5.320	5.288	5.279
CUT \ FILL DEPTH	0.002	0.000	-0.000	-0.001	-0.000
EXISTING LEVELS	5.143	5.246	5.320	5.288	5.279
DESIGN OFFSET	-4.528	0.000	3.200	6.400	6.900

CH 120.000



DATUM 1.300

	L12H	L12J	LE2J	ES2J
CUT STRINGS				
DESIGN LEVELS	5.356	5.424	5.420	5.418
CUT \ FILL DEPTH	0.000	0.000	-0.000	-0.000
EXISTING LEVELS	5.356	5.424	5.421	5.418
DESIGN OFFSET	0.000	3.200	6.400	6.900

CH 100.000

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50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE

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PLOT BY: Kate Mercer

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		X:\0246-DG-IE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3100-XSEC-MX20 X:\0246-03-TS 3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

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DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1A - CROSS SECTIONS - MX20

A3

SHEET 22 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3172

ISSUE: D1

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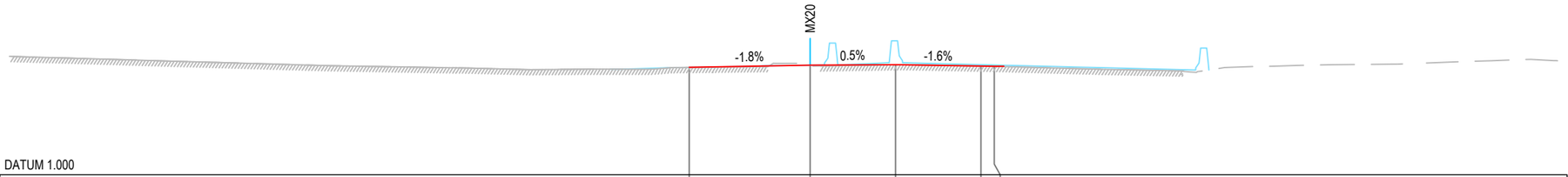
LEGEND

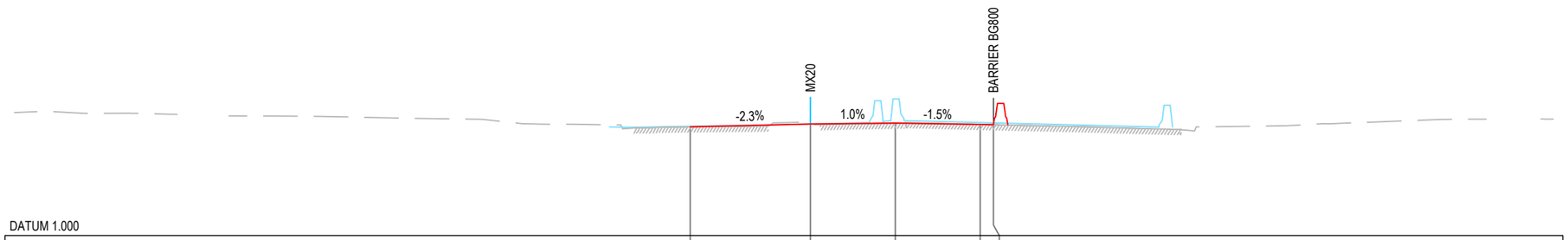
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 1.000

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.017	5.099	5.115	5.064	5.054
CUT \ FILL DEPTH	0.003	0.002	0.000	-0.000	-0.000
EXISTING LEVELS	5.014	5.096	5.115	5.064	5.054
DESIGN OFFSET	-4.528	0.000	3.200	6.400	6.900

CH 160.000



DATUM 1.000

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.092	5.196	5.229	5.181	5.169
CUT \ FILL DEPTH	0.003	0.001	0.000	-0.001	-0.000
EXISTING LEVELS	5.090	5.196	5.229	5.182	5.170
DESIGN OFFSET	-4.528	0.000	3.200	6.400	6.900

CH 140.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:54 AM

PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW Government

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX20

A3

SHEET 23 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3173

ISSUE: D1

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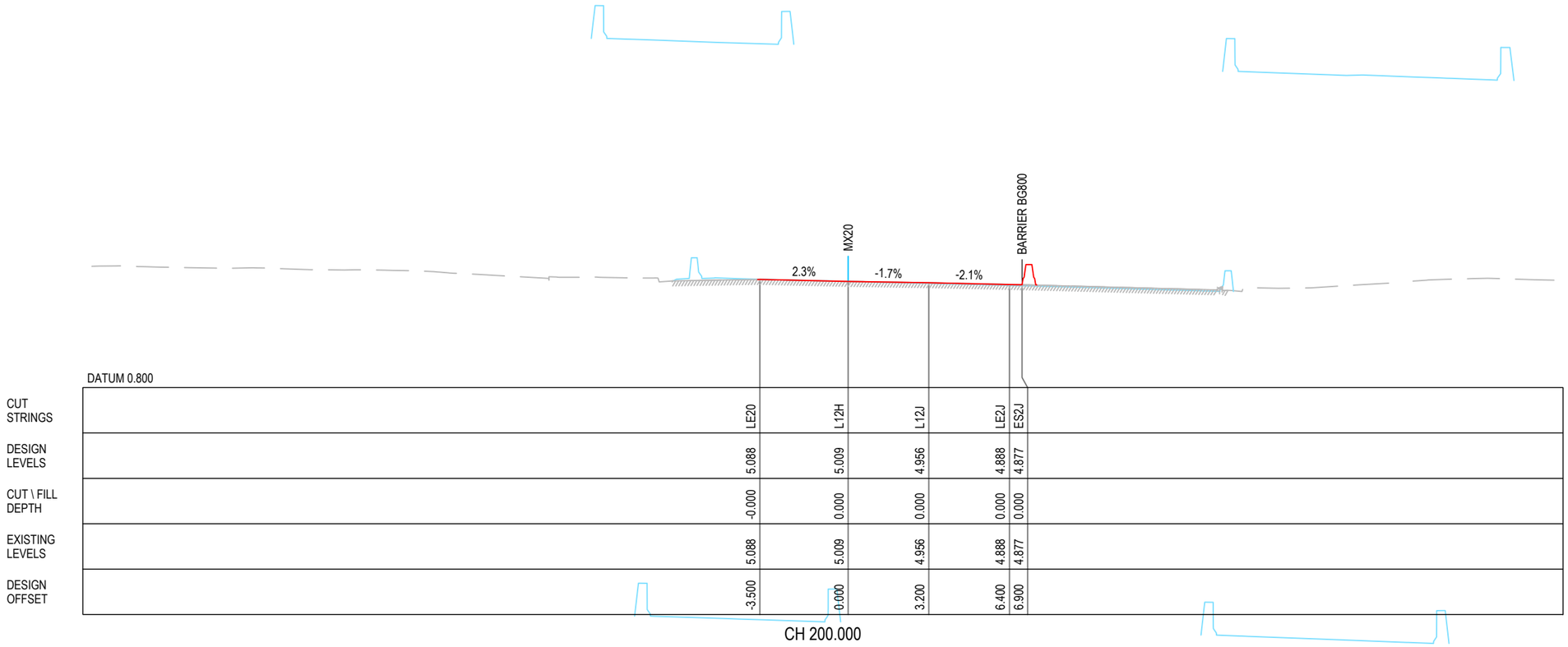

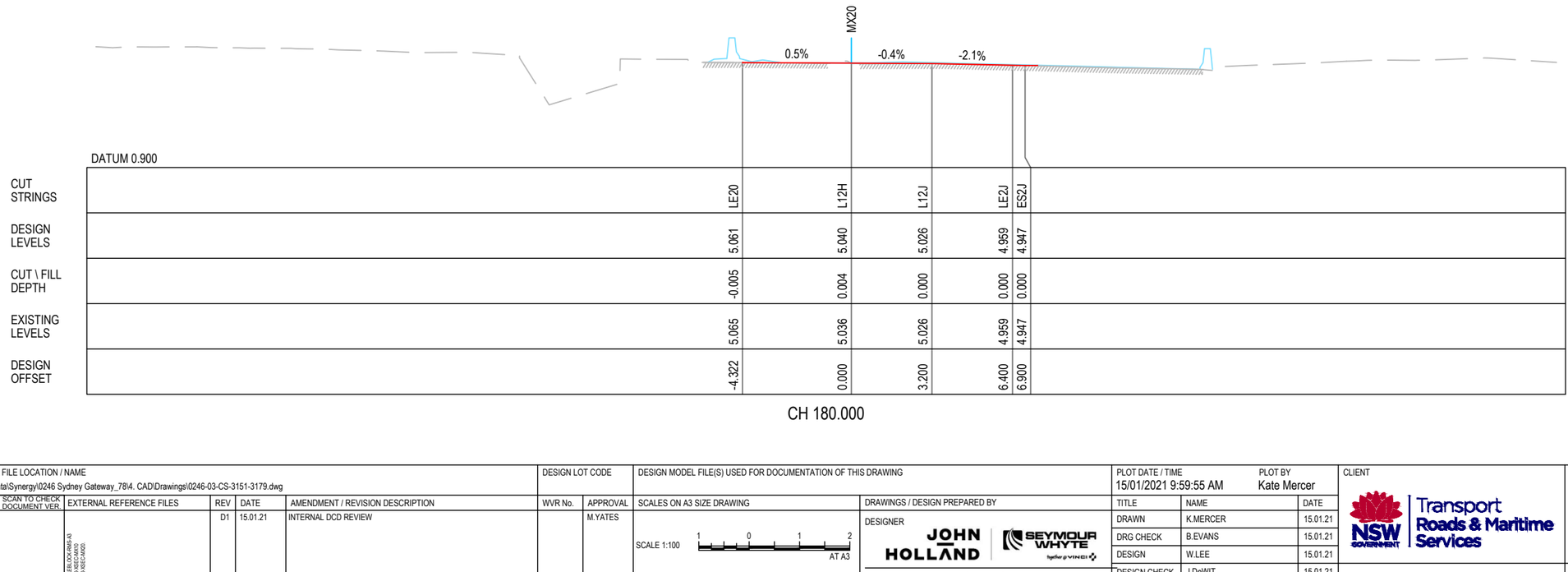

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg						DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	
QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3100-XSEC-MX10 X:\0246-03-TS 3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES	SCALE 1:100 1 0 1 2 AT A3
								CO-ORDINATE SYSTEM: MGA ZONE 56
								HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

PLOT DATE / TIME	PLOT BY
15/01/2021 9:59:55 AM	Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX20

A3

SHEET 24 OF 29

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: CS-3174 | ISSUE: D1

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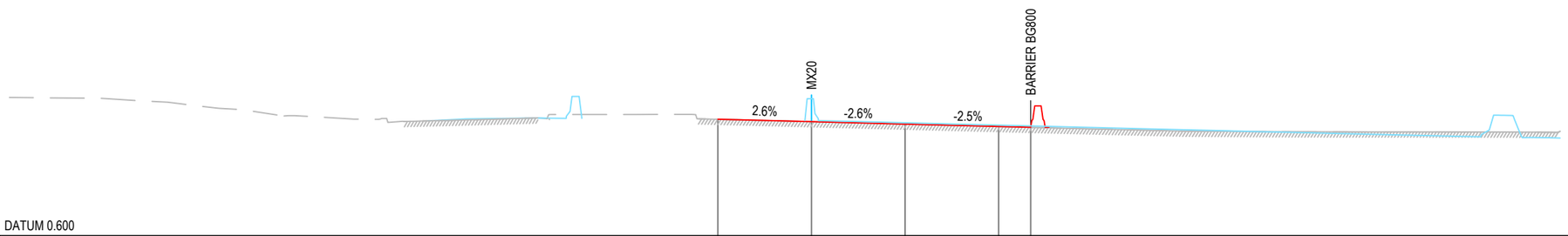
LEGEND

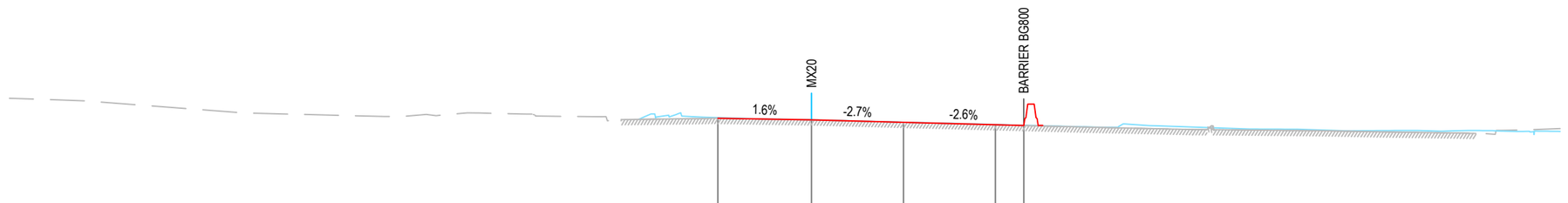
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.600

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	4.952	4.861	4.772	4.683	4.653
CUT \ FILL DEPTH	0.001	-0.000	0.000	0.002	0.003
EXISTING LEVELS	4.951	4.861	4.772	4.681	4.650
DESIGN OFFSET	-3.500	0.000	3.500	7.000	8.200

CH 240.000



DATUM 0.700

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.005	4.947	4.855	4.765	4.737
CUT \ FILL DEPTH	-0.000	-0.000	-0.000	0.000	0.000
EXISTING LEVELS	5.005	4.947	4.855	4.765	4.737
DESIGN OFFSET	-3.500	0.000	3.440	6.880	7.940

CH 220.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX10 X:\0246-03-TS-3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 9:59:55 AM | PLOT BY: Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX20

A3 | SHEET 25 OF 29

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: CS-3175 | ISSUE: D1

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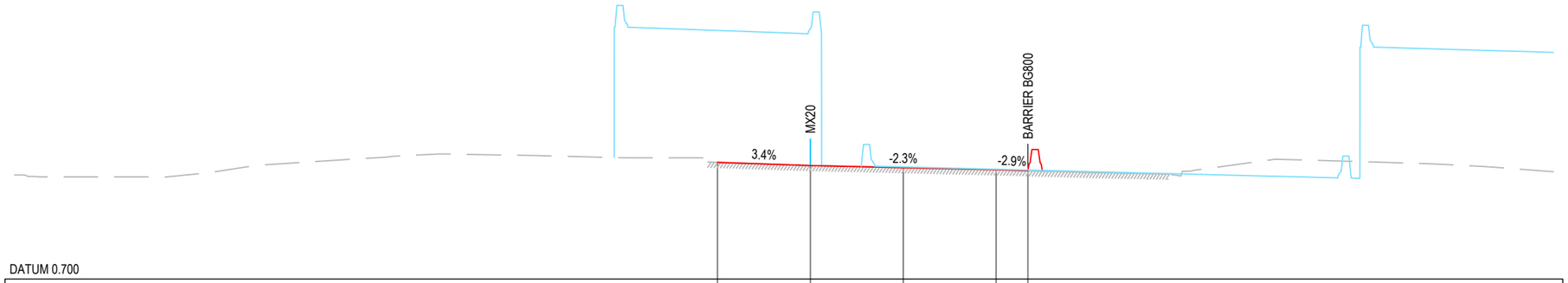
LEGEND

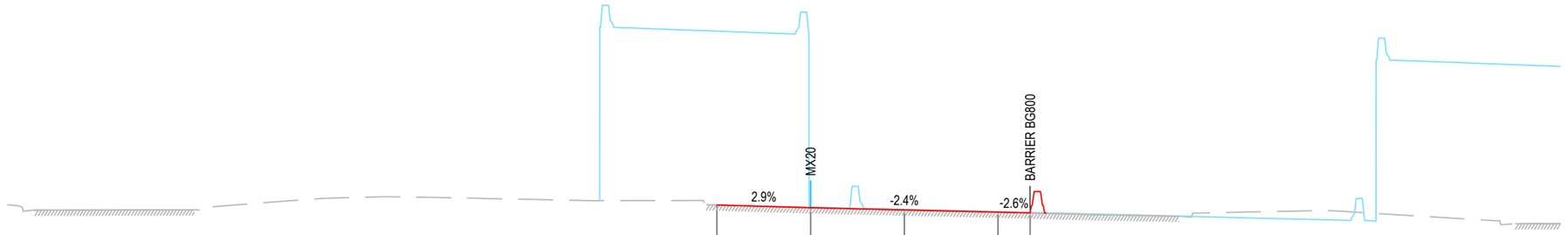
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.700

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.095	4.977	4.898	4.818	4.783
CUT \ FILL DEPTH	-0.000	0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	5.095	4.977	4.898	4.818	4.783
DESIGN OFFSET	-3.500	0.000	3.500	7.000	8.200

CH 280.000



DATUM 0.700

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.010	4.909	4.826	4.743	4.712
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.000	0.000
EXISTING LEVELS	5.010	4.909	4.826	4.743	4.712
DESIGN OFFSET	-3.500	0.000	3.500	7.000	8.200

CH 260.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:56 AM
PLOT BY: Kate Mercer

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX20

A3
SHEET 26 OF 29

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING
SCALE 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

RMS REGISTRATION No.
PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3176
ISSUE: D1

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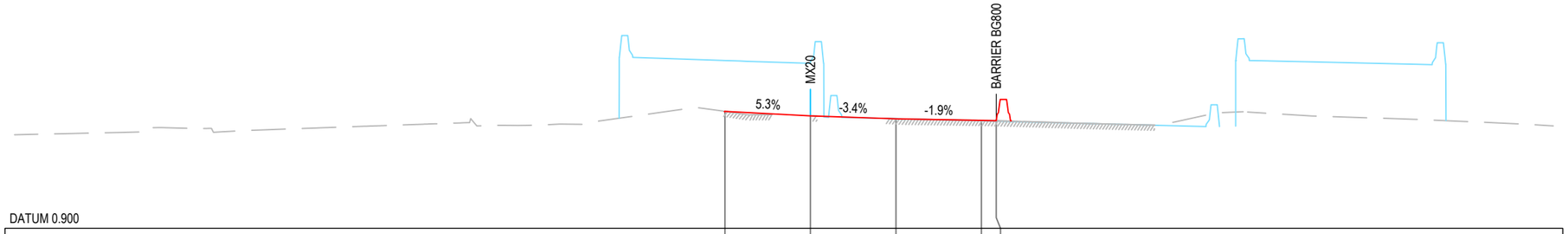
LEGEND

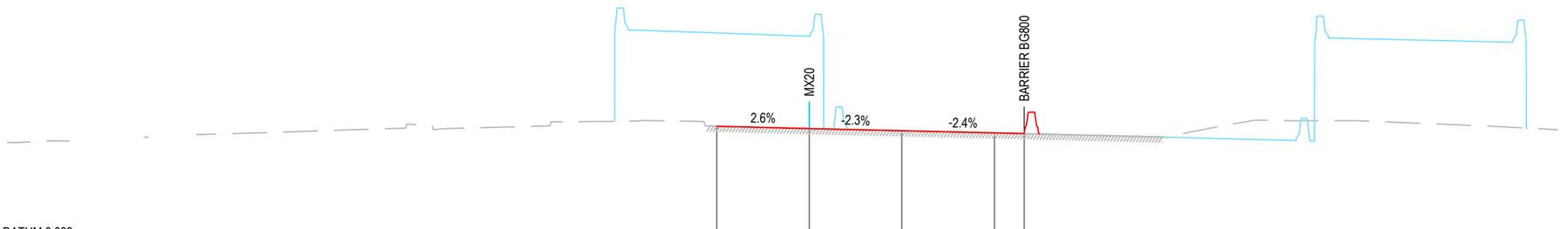
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.900

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.300	5.129	5.018	4.958	4.949
CUT \ FILL DEPTH	0.000		-0.001	-0.001	-0.000
EXISTING LEVELS	5.300		5.019	4.959	4.949
DESIGN OFFSET	-3.224	0.000	3.224	6.448	7.004

CH 320.000



DATUM 0.800

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.133	5.042	4.964	4.882	4.855
CUT \ FILL DEPTH	-0.000	0.000	0.000	0.000	-0.001
EXISTING LEVELS	5.134	5.042	4.964	4.882	4.856
DESIGN OFFSET	-3.464	0.000	3.464	6.928	8.044

CH 300.000

NOT FOR CONSTRUCTION

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0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:57 AM
PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW GOVERNMENT

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX20

A3
SHEET 27 OF 29

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX20 X:\0246-03-TS-3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

RMS REGISTRATION No.
PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3177
ISSUE: D1

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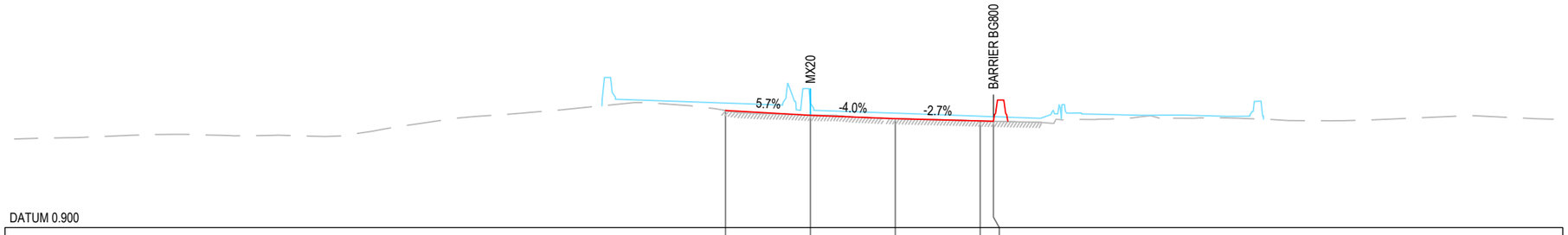
LEGEND

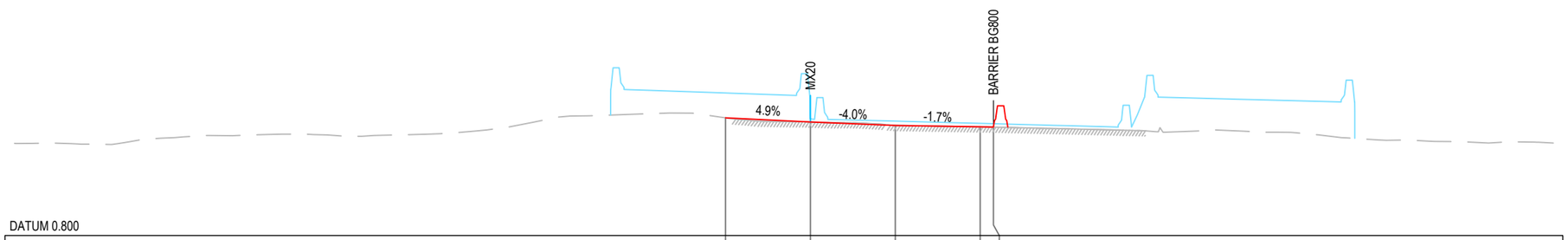
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.900

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.320	5.137	5.010	4.924	4.912
CUT \ FILL DEPTH	0.000	0.003	-0.001	0.000	0.001
EXISTING LEVELS	5.320	5.133	5.010	4.924	4.911
DESIGN OFFSET	-3.200	0.000	3.200	6.400	6.900

CH 360.000



DATUM 0.800

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.227	5.071	4.942	4.889	4.880
CUT \ FILL DEPTH	0.000	-0.000	0.000	0.000	-0.000
EXISTING LEVELS	5.227	5.071	4.942	4.889	4.880
DESIGN OFFSET	-3.200	0.000	3.200	6.400	6.900

CH 340.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 9:59:58 AM

PLOT BY: Kate Mercer

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3100-XSEC-MX10 X:\0246-03-TS-3100-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1A - CROSS SECTIONS - MX20

A3

SHEET 28 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3178

ISSUE: D1

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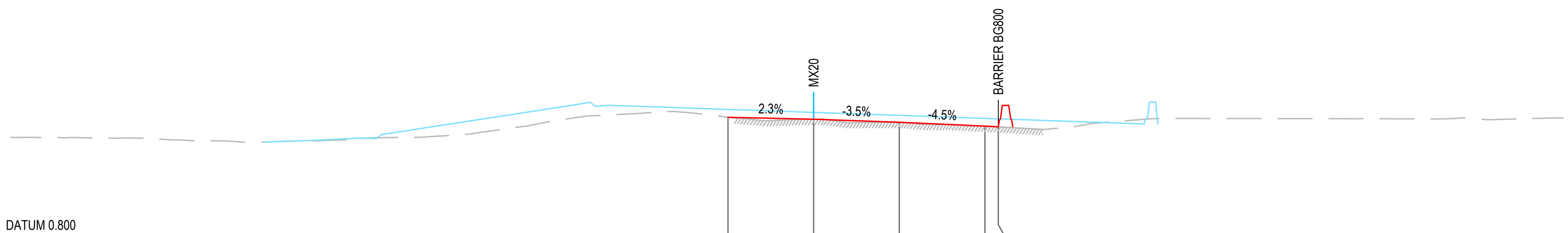
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 0.800

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.208	5.135	5.023	4.878	4.852
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000
EXISTING LEVELS	5.208	5.135	5.023	4.878	4.852
DESIGN OFFSET	-3.200	0.000	3.200	6.400	6.900

CH 380.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3151-3179.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 9:59:59 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1A - CROSS SECTIONS - MX20

SHEET 29 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No. CS-3179

ISSUE D1

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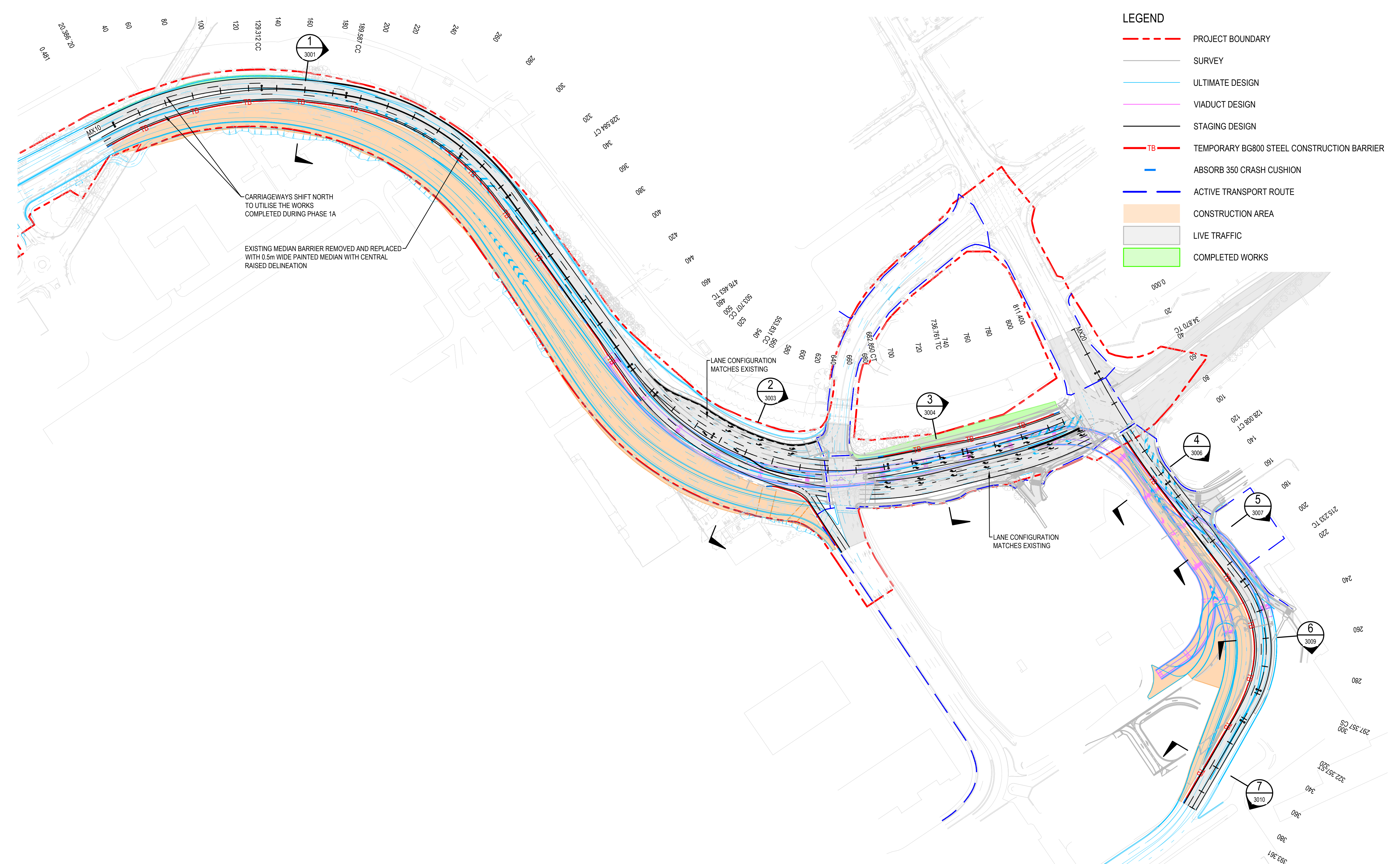

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50mm ON A3 SIZE ORIGINAL

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SCALES ON A3 SIZE DRAWING

SCALE 1:2500 — 25 0 25 50 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:00:36 AM

PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: Transport Roads & Maritime Services — NSW GOVERNMENT

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1B - GENERAL ARRANGEMENT

SHEET 1 OF 1

RMS REGISTRATION No.

PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		CS-3201	D1

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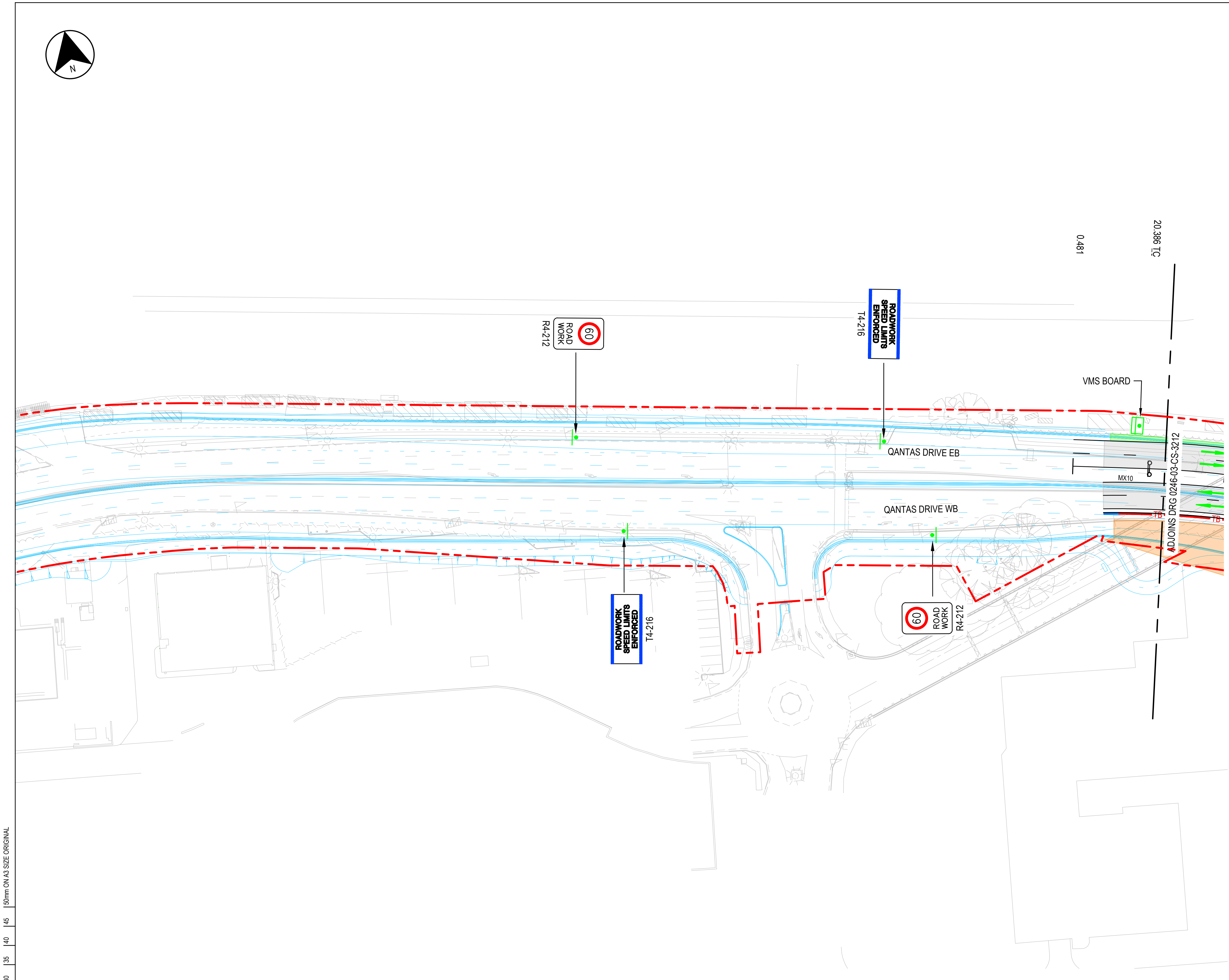


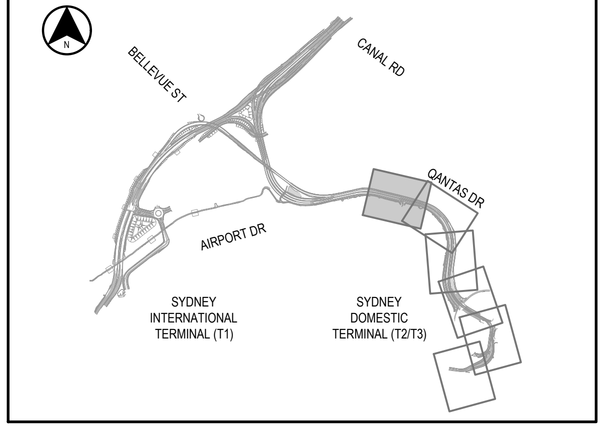
LEGEND

	PROJECT BOUNDARY
	SURVEY
	ULTIMATE DESIGN
	VIADUCT DESIGN
	STAGING DESIGN
TB	TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
	TEMPORARY ABSORB 350 CRASH CUSHION
	ACTIVE TRANSPORT ROUTE
	CONSTRUCTION AREA
	LIVE TRAFFIC
	COMPLETED WORKS
	LIVE TRAFFIC DIRECTION
	CONSTRUCTION GATE
2	CONSTRUCTION ZONE ACCESS GATE TAG
UA3(R) @ 20m CRS	PAVEMENT ARROW TAG
L1	LINEMARKINGTAG
	PROPOSED SIGN POST
	EXISTING SIGN POST TO BE REMOVED
60 ROAD WORK	PROPOSED SIGN FACE
R4-212	SIGN REFERENCE NUMBER
R4-1	EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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PLOT DATE / TIME: 15/01/2021 10:01:07 AM

PLOT BY: Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - PLAN

A3

SHEET 1 OF 6

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3211

ISSUE: D1

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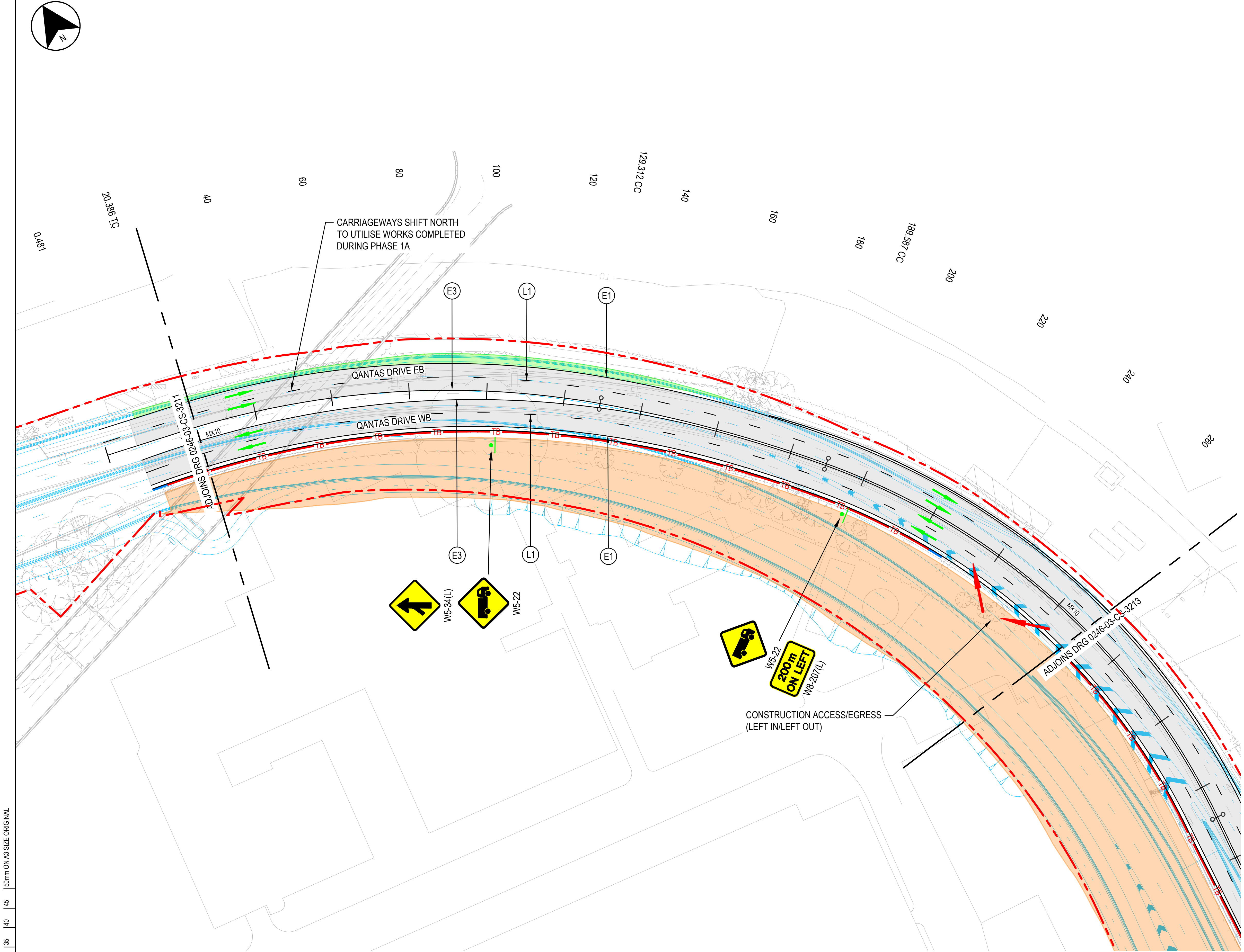


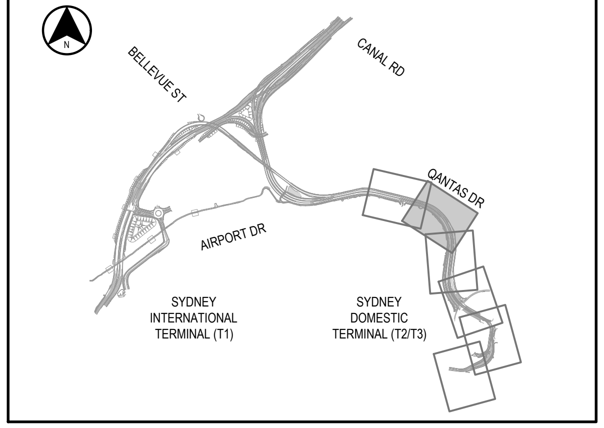
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- 2 — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- 60 ROAD WORK — PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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PLOT BY	Kate Mercer

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SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE together @ VINCI, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - PLAN

A3

SHEET 2 OF 6

RMS REGISTRATION No.

PART

ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
DEVELOPED CONCEPT DESIGN		CS-3212	D1

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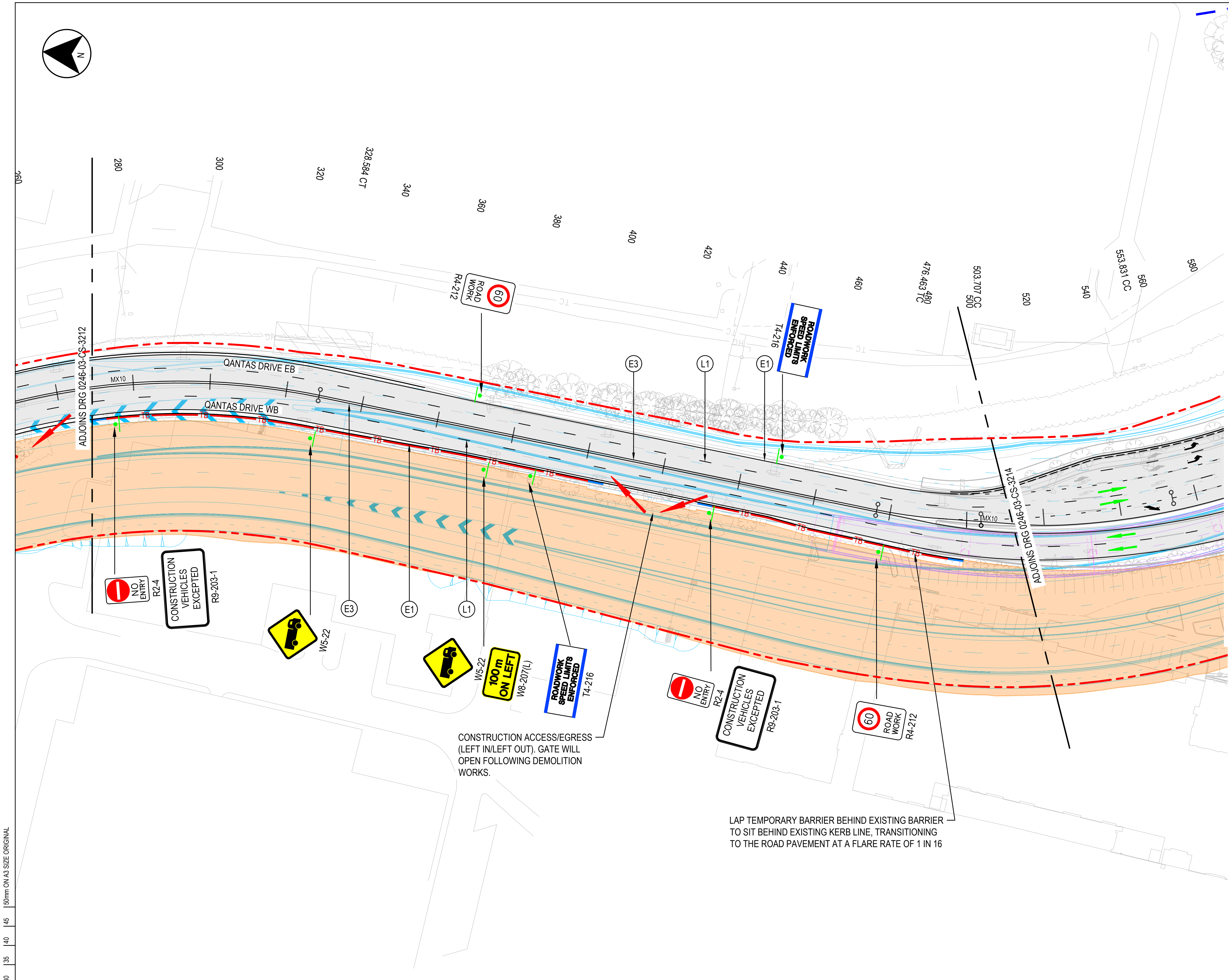


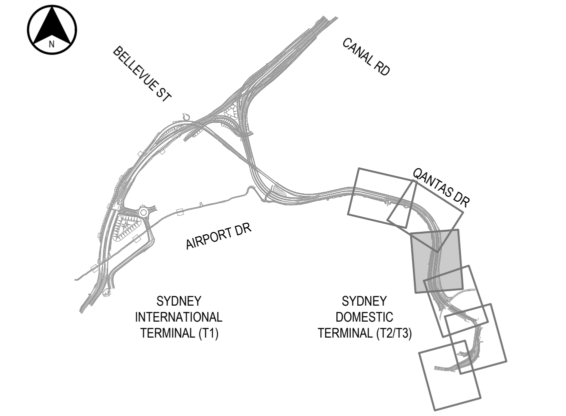
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- CONSTRUCTION ZONE ACCESS GATE TAG
- PAVEMENT ARROW TAG (UA3(R) @ 20m CRS)
- LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- PROPOSED SIGN FACE (R4-212)
- SIGN REFERENCE NUMBER
- EXISTING SIGN FACE TO BE REMOVED (R4-1)

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT — Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1B - PLAN

A3 — SHEET 3 OF 6 — PART

RMS REGISTRATION No.

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3213 — ISSUE D1

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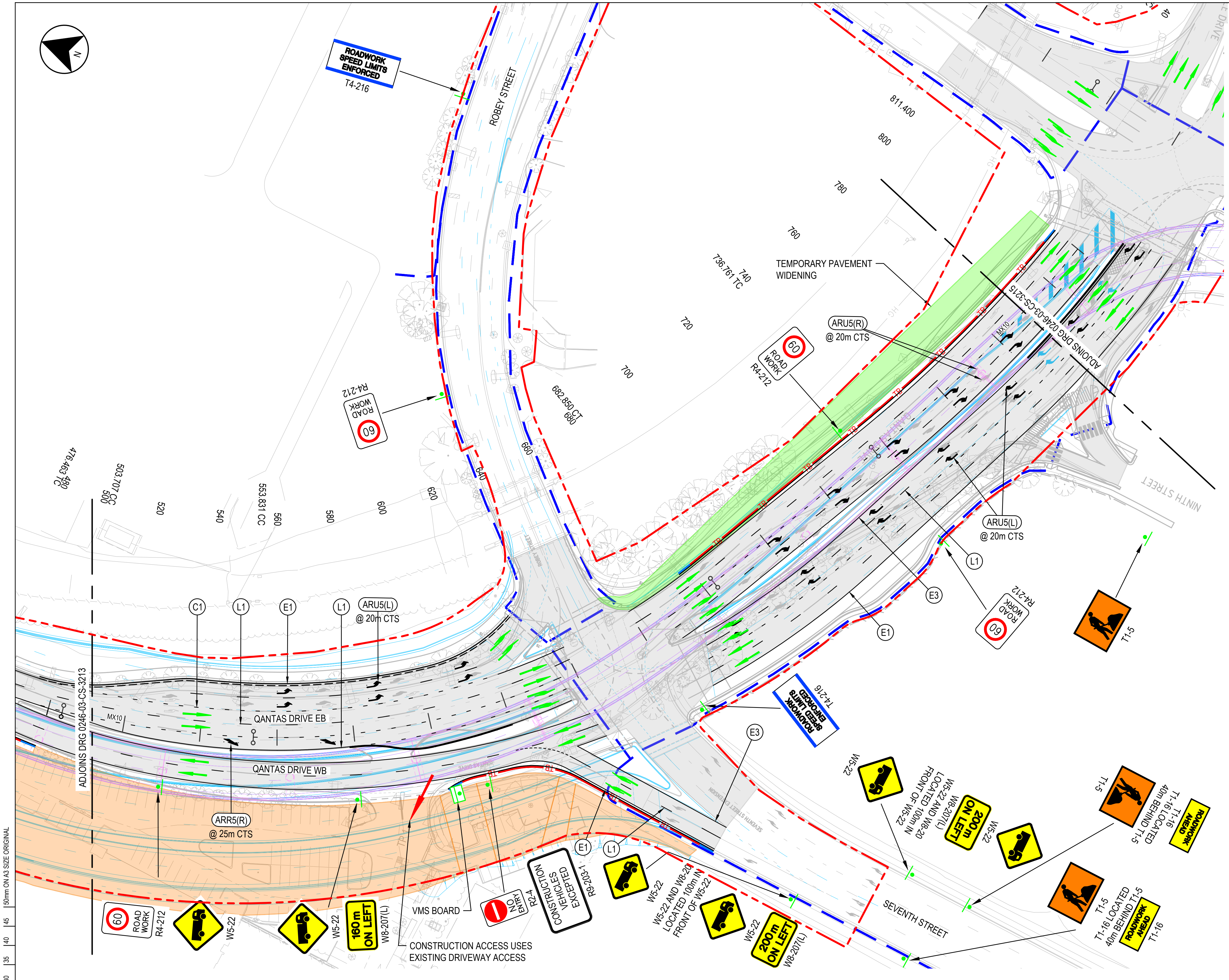

LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
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- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- PROPOSED SIGN FACE
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

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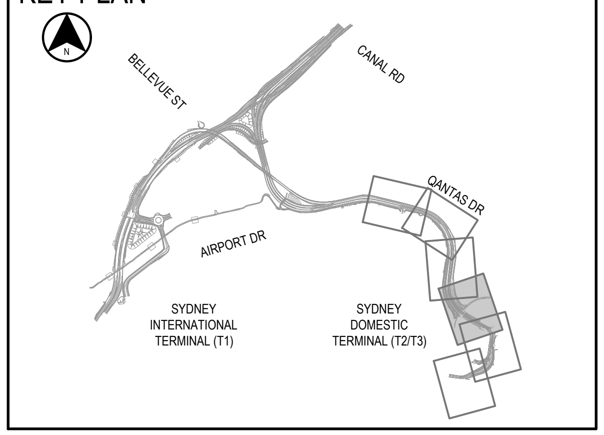

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PLOT BY	Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1B - PLAN

A3 — SHEET 4 OF 6

RMS REGISTRATION No.

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3214 — ISSUE D1

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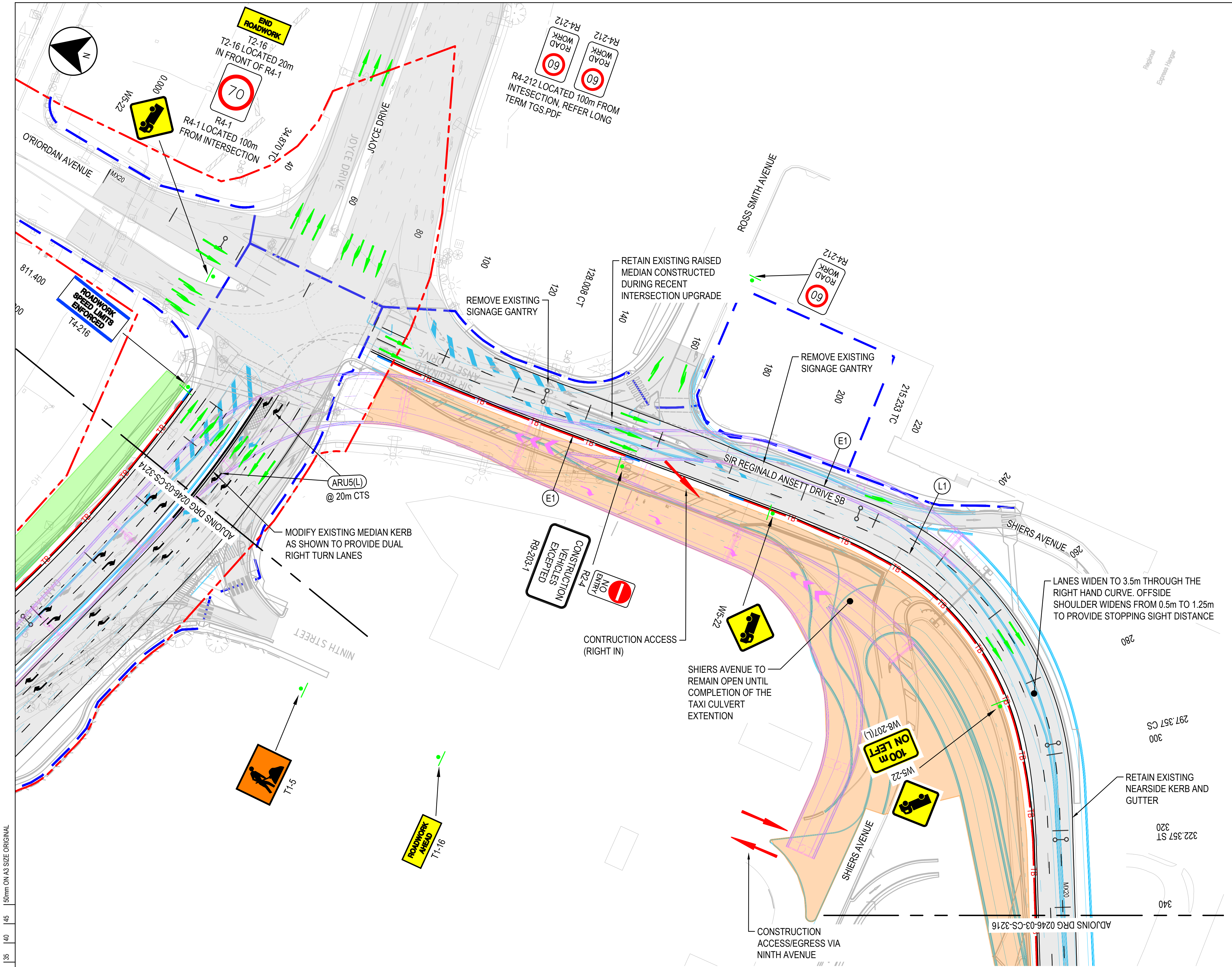

LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TB — TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
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- CONSTRUCTION AREA
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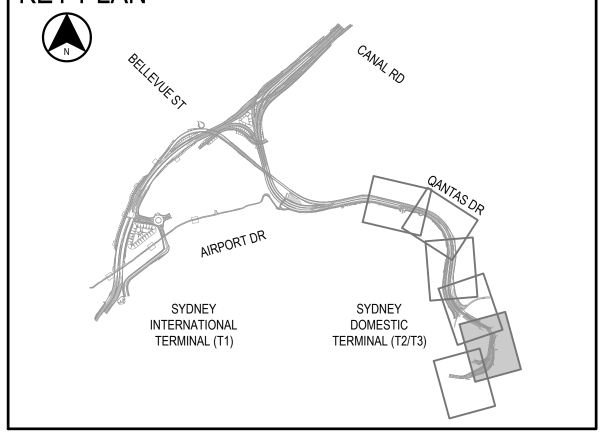
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- 2 — CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- PROPOSED SIGN FACE (60 ROAD WORK, R4-212)
- SIGN REFERENCE NUMBER
- EXISTING SIGN FACE TO BE REMOVED (R4-1)

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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50mm ON A3 SIZE ORIGINAL

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PLOT BY	Kate Mercer
CLIENT	NSW GOVERNMENT Transport Roads & Maritime Services

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
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DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1B - PLAN

A3 — SHEET 5 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3215 — ISSUE D1

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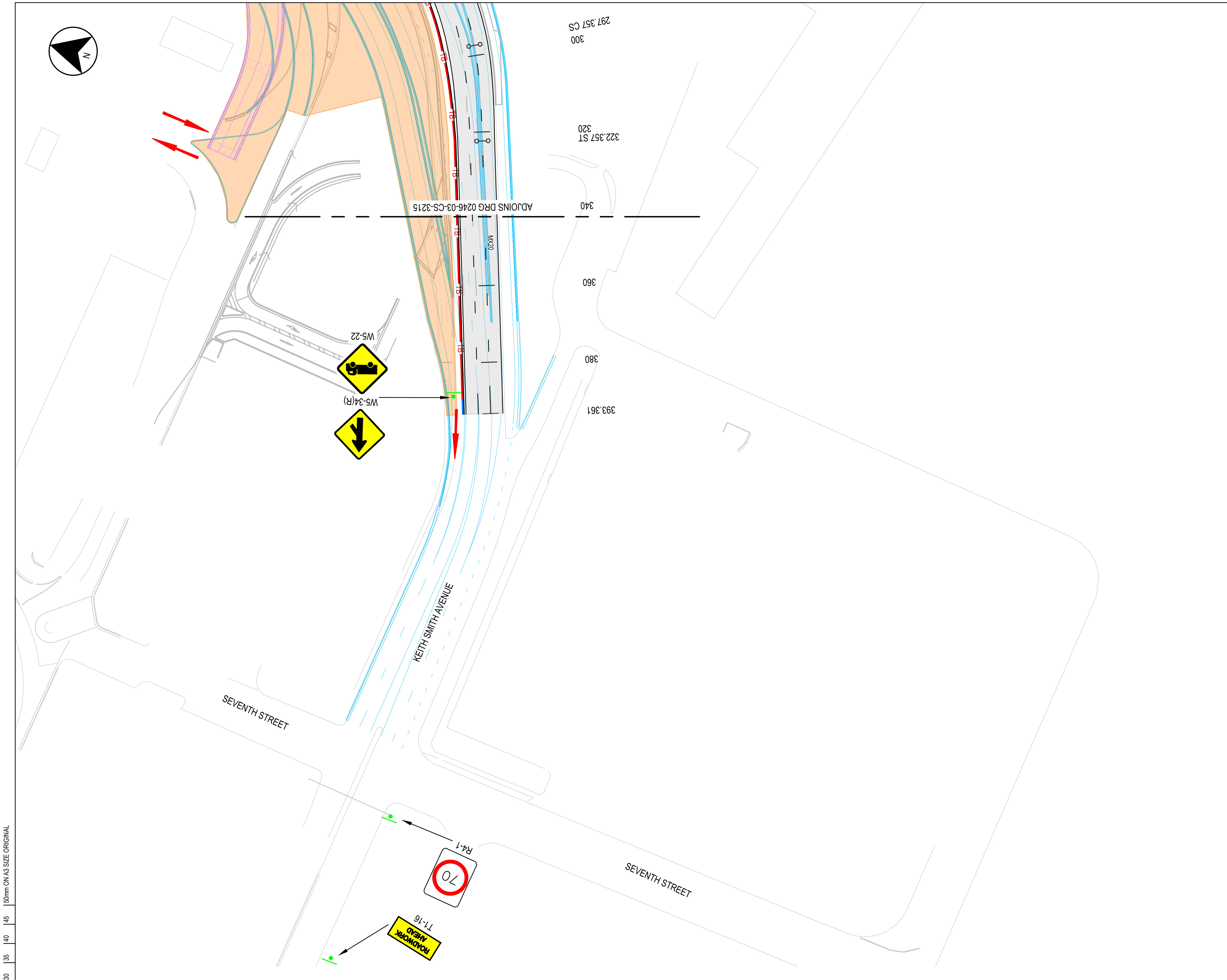


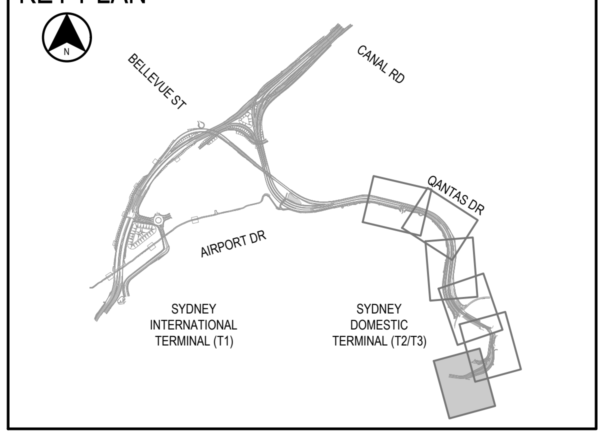
LEGEND

- PROJECT BOUNDARY
- SURVEY
- ULTIMATE DESIGN
- VIADUCT DESIGN
- STAGING DESIGN
- TEMPORARY BG800 STEEL CONSTRUCTION BARRIER
- TEMPORARY ABSORB 350 CRASH CUSHION
- ACTIVE TRANSPORT ROUTE
- CONSTRUCTION AREA
- LIVE TRAFFIC
- COMPLETED WORKS
- LIVE TRAFFIC DIRECTION
- CONSTRUCTION GATE
- CONSTRUCTION ZONE ACCESS GATE TAG
- UA3(R) @ 20m CRS — PAVEMENT ARROW TAG
- L1 — LINEMARKINGTAG
- PROPOSED SIGN POST
- EXISTING SIGN POST TO BE REMOVED
- PROPOSED SIGN FACE (60 ROAD WORK)
- R4-212 — SIGN REFERENCE NUMBER
- R4-1 — EXISTING SIGN FACE TO BE REMOVED

NOTES

1. FOR GENERAL NOTES REFER DRAWING GE-0021.

KEY PLAN



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		D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

CO-ORDINATE SYSTEM: MGA ZONE 56 — HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE together with VINCI, TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:01:42 AM — PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1B - PLAN

A3 — SHEET 6 OF 6

RMS REGISTRATION No. — PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN — EDMS No. — SHEET No. CS-3216 — ISSUE D1

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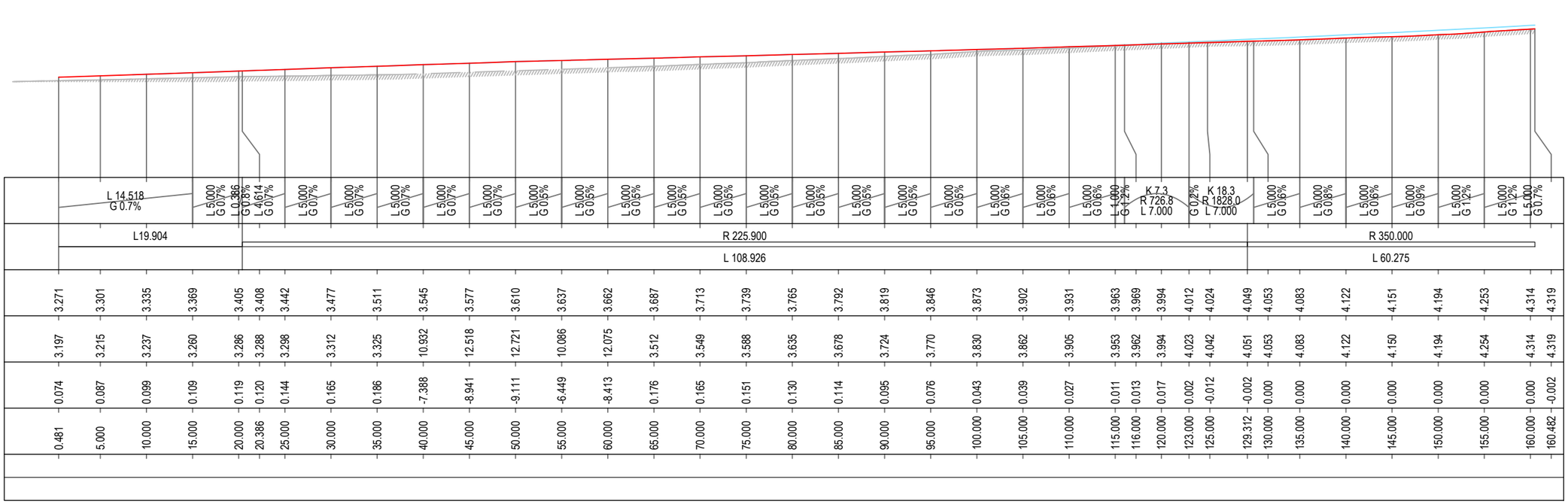
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

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50mm ON A3 SIZE ORIGINAL

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DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-03-SE-TITLEBLOCK.DWG.A3 X:\0246-03-TS-3200.SEC.DWG.10 X:\0246-03-TS-3200.SEC.DWG.20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING

HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:01:51 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3
SHEET 1 OF 9

RMS REGISTRATION No.
PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3231
ISSUE: D1

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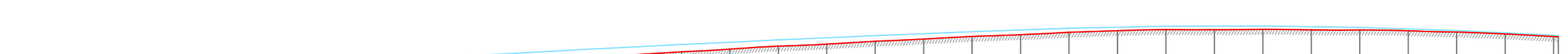

LEGEND

— —	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN

DATUM RL 2.300

VERTICAL ALIGNMENT

Chainage	L	G
160.482–165.000	5.000	0.7%
165.000–170.000	5.000	0.7%
170.000–175.000	5.000	0.9%
175.000–180.000	5.000	1.1%
180.000–185.000	5.000	1.1%
185.000–189.587	4.587	1.2%
189.587–190.000	0.413	1.1%
190.000–195.000	5.000	1.1%
195.000–200.000	5.000	0.9%
200.000–205.000	5.000	0.9%
205.000–210.000	5.000	1.1%
210.000–215.000	5.000	1.4%
215.000–220.000	5.000	1.4%
220.000–225.000	5.000	1.2%
225.000–230.000	5.000	1.1%
230.000–235.000	5.000	1.2%
235.000–240.000	5.000	1.1%
240.000–245.000	5.000	0.9%
245.000–250.000	5.000	1.1%
250.000–255.000	5.000	1.0%
255.000–260.000	5.000	1.0%
260.000–265.000	5.000	0.8%
265.000–270.000	5.000	0.9%
270.000–275.000	5.000	0.8%
275.000–280.000	5.000	0.4%
280.000–285.000	5.000	0.0%
285.000–290.000	5.000	0.1%
290.000–295.000	5.000	-0.1%
295.000–300.000	5.000	-0.2%
300.000–305.000	5.000	-0.2%
305.000–310.000	5.000	-0.6%
310.000–315.000	5.000	-0.7%
315.000–320.000	5.000	-1.1%
320.000–320.481	5.000	-1.3%

HORIZONTAL ALIGNMENT

R 350.000
L 60.275

R 179.000
L 138.998

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH	SUPERELEVATION
160.482	4.319	4.319	-0.002	
165.000	4.351	4.351	0.000	
170.000	4.386	4.386	0.000	
175.000	4.431	4.431	0.000	
180.000	4.485	4.485	0.000	
185.000	4.540	4.540	0.000	
189.587	4.594	4.594	0.000	
190.000	4.598	4.598	0.000	
195.000	4.651	4.651	0.000	
200.000	4.697	4.697	0.000	
205.000	4.740	4.740	0.000	
210.000	4.793	4.793	0.000	
215.000	4.861	4.861	0.000	
220.000	4.931	4.931	0.000	
225.000	4.992	4.992	0.000	
230.000	5.049	5.049	0.000	
235.000	5.109	5.109	0.000	
240.000	5.166	5.166	0.000	
245.000	5.212	5.213	0.000	
250.000	5.266	5.266	0.000	
255.000	5.316	5.317	0.000	
260.000	5.365	5.365	0.000	
265.000	5.406	5.407	0.000	
270.000	5.449	5.449	0.000	
275.000	5.487	5.487	0.000	
280.000	5.506	5.506	0.000	
285.000	5.507	5.508	0.000	
290.000	5.511	5.511	0.000	
295.000	5.507	5.507	0.000	
300.000	5.498	5.498	0.000	
305.000	5.486	5.486	0.000	
310.000	5.456	5.456	0.000	
315.000	5.419	5.419	0.000	
320.000	5.363	5.363	0.000	
320.481	5.357	5.357	-0.001	

LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:01:52 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3200-LSEC-MX10 X-0246-03-TS-3200-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 — 5 0 5 10
VERT. 1:100 — 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET
2 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3232
ISSUE: D1

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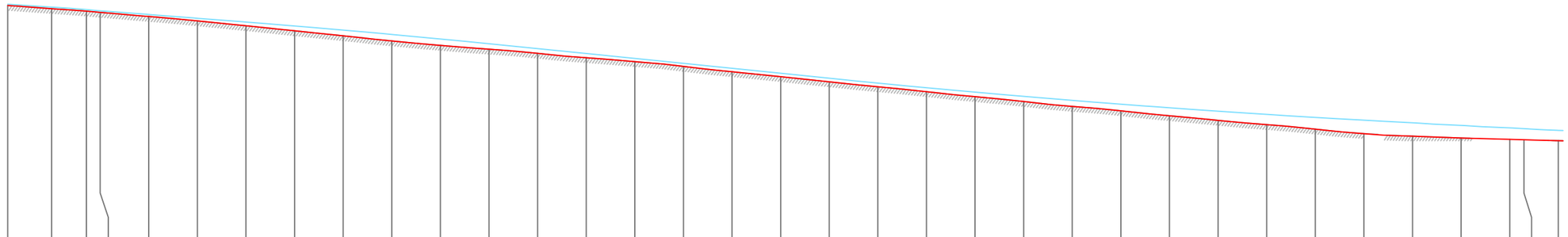
LEGEND

— —	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN



DATUM RL 0.500

VERTICAL ALIGNMENT: L 5.000 G -1.3% | L 3.584 G -1.6% | L 1.416 G -1.8% | L 5.000 G -1.7% | L 5.000 G -1.8% | L 5.000 G -2.0% | L 5.000 G -2.1% | L 5.000 G -2.1% | L 5.000 G -2.1% | L 5.000 G -1.8% | L 5.000 G -1.6% | L 5.000 G -1.7% | L 5.000 G -1.8% | L 5.000 G -1.6% | L 5.000 G -2.0% | L 5.000 G -2.2% | L 5.000 G -2.0% | L 5.000 G -2.1% | L 5.000 G -2.0% | L 5.000 G -2.0% | L 5.000 G -2.0% | L 5.000 G -2.0% | L 5.000 G -2.0% | L 5.000 G -1.8% | L 5.000 G -2.0% | L 5.000 G -1.9% | L 5.000 G -1.8% | L 5.000 G -1.9% | L 5.000 G -1.8% | L 5.000 G -1.0% | L 5.000 G -0.8% | L 10.000 G -0.5% | L 5.000 G -0.4%

HORIZONTAL ALIGNMENT: R 179.000 L 138.998 | L147.879 | R -125.000 L 27.244

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH	SUPERELEVATION
320.481	5.357	5.357	-0.001	
325.000	5.297	5.297	0.000	
328.584	5.241	5.241	0.000	
330.000	5.216	5.216	0.000	
335.000	5.131	5.131	0.000	
340.000	5.040	5.040	0.000	
345.000	4.940	4.940	0.000	
350.000	4.836	4.836	0.000	
355.000	4.733	4.733	0.000	
360.000	4.628	4.628	0.000	
365.000	4.536	4.536	0.000	
370.000	4.458	4.458	0.000	
375.000	4.373	4.373	0.000	
380.000	4.283	4.283	0.000	
385.000	4.203	4.203	0.000	
390.000	4.104	4.104	0.000	
395.000	3.994	3.994	0.000	
400.000	3.892	3.892	0.000	
405.000	3.787	3.787	0.000	
410.000	3.685	3.685	0.000	
415.000	3.584	3.584	0.000	
420.000	3.482	3.482	0.000	
425.000	3.382	3.382	0.000	
430.000	3.281	3.281	0.000	
435.000	3.191	3.191	0.000	
440.000	3.089	3.089	0.000	
445.000	2.995	2.995	0.000	
450.000	2.907	2.907	0.000	
455.000	2.813	2.813	0.000	
460.000	2.721	2.721	0.000	
465.000	2.669	2.669	0.000	
470.000	2.631	2.631	0.000	
475.000	2.604			
476.463	2.596			
480.000	2.576	2.576	0.000	
480.481	2.575	2.575	-0.000	

LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3200-LSEC-MX10 X-0246-03-TS-3200-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 10:01:53 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET
3 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3233

ISSUE
D1

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LEGEND

- - -	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN

DATUM RL 0.200

VERTICAL ALIGNMENT

L 5.000 G -0.4%
L 5.000 G -0.3%
L 5.000 G -0.5%
L 5.000 G -0.8%
L 3.707 G -0.8%
L 1.293 G -0.3%
L 5.000 G -0.5%
L 5.000 G -0.8%
L 5.000 G -0.6%
L 5.000 G -0.5%
L 5.000 G -0.4%
L 5.000 G -0.3%
L 5.000 G -0.3%
L 5.000 G -0.1%
L 5.000 G 0.2%
L 3.831 G 0.4%
L 1.169 G 0.4%
L 5.000 G 0.3%
L 5.000 G 0.3%
L 5.000 G 0.4%
L 5.000 G 0.5%
L 5.000 G 0.5%
L 5.000 G -0.1%
L 5.000 G 0.5%
L 5.000 G 0.4%
L 5.000 G 0.5%
L 5.000 G 0.4%
L 5.000 G 0.5%
L 5.000 G 0.7%
L 5.000 G 0.9%
L 5.000 G 1.0%
L 5.000 G 0.9%
L 5.000 G 1.0%
L 5.000 G 1.2%
L 5.000 G 1.2%

HORIZONTAL ALIGNMENT

R -125.000 L 27.244
R -256.300 L 50.125
R -178.710 L 129.018

DESIGN LEVELS	2.575	2.559	2.546	2.521	2.483	2.454	2.451	2.428	2.389	2.360	2.335	2.317
EXISTING LEVELS	2.575	2.559	2.546	2.524	2.495	2.466	2.461	2.438	2.391	2.362	2.337	2.319
CUT / FILL DEPTH	-0.000	0.000	0.000	-0.002	-0.012	-0.012	-0.011	-0.010	-0.002	-0.002	-0.002	-0.002
CHAINAGE	480.481	485.000	490.000	495.000	500.000	503.707	505.000	510.000	515.000	520.000	525.000	530.000
SUPERELEVATION												

DESIGN LEVELS	2.302	2.286	2.280	2.291	2.306	2.310	2.327	2.344	2.364	2.390	2.415	2.415
EXISTING LEVELS	2.303	2.287	2.281	2.292	2.307	2.311	2.327	2.344	2.364	2.390	2.415	2.411
CUT / FILL DEPTH	-0.000	-0.000	-0.001	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.001
CHAINAGE	535.000	540.000	545.000	550.000	553.831	555.000	560.000	565.000	570.000	575.000	580.000	585.000
SUPERELEVATION												

DESIGN LEVELS	2.438	2.456	2.481	2.503	2.530	2.565	2.610	2.661	2.705	2.757		
EXISTING LEVELS	2.438	2.457	2.481	2.503	2.530	2.566	2.610	2.661	2.705	2.756	2.817	2.822
CUT / FILL DEPTH	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000	-0.000	0.000	0.000
CHAINAGE	590.000	595.000	600.000	605.000	610.000	615.000	620.000	625.000	630.000	635.000	640.000	640.481
SUPERELEVATION												

LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3200-LSEC-MX10 X-0246-03-TS-3200-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 10:01:54 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport
Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET
4 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3234

ISSUE
D1

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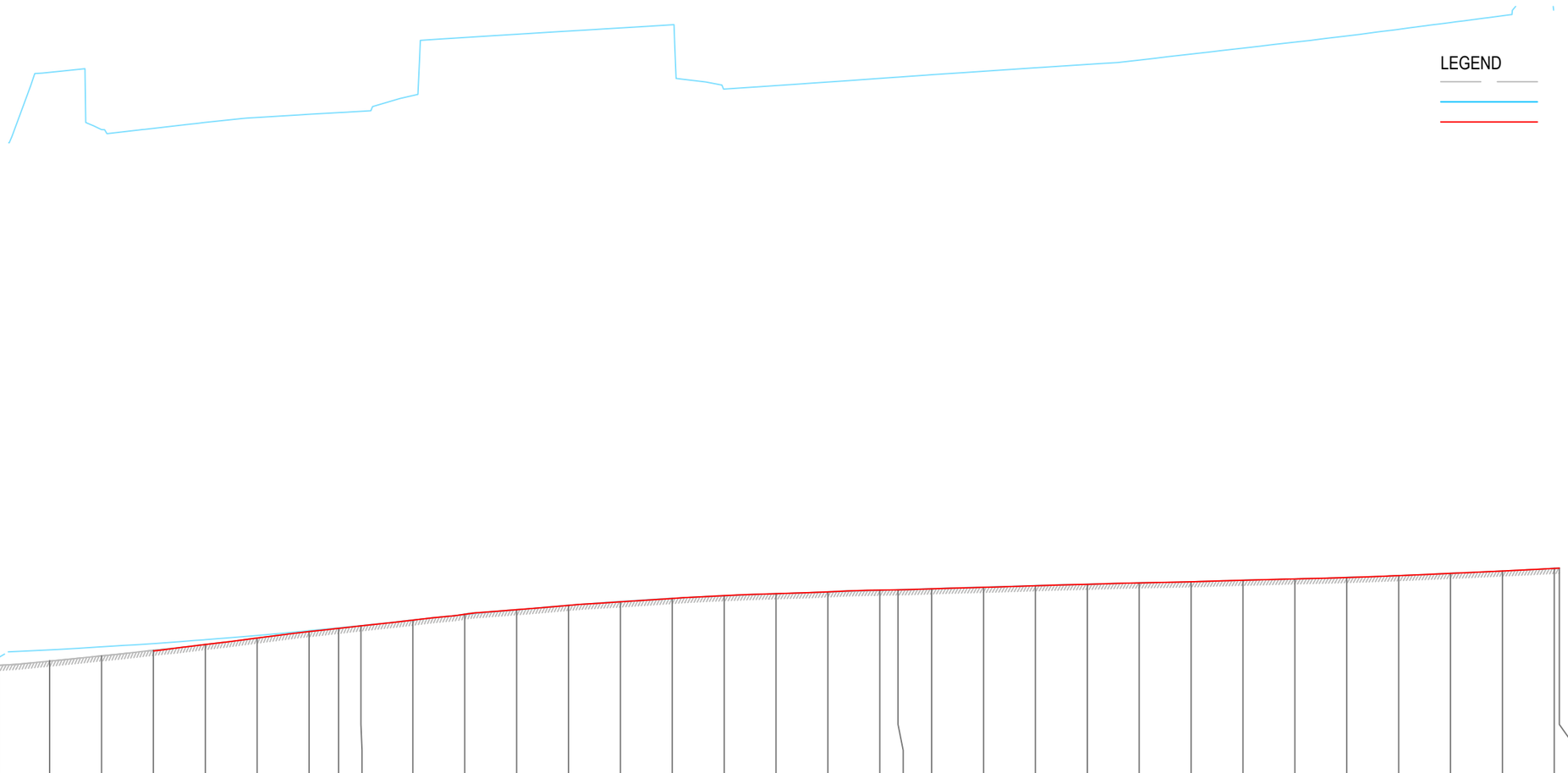

DATUM RL 0.800

VERTICAL ALIGNMENT / HORIZONTAL ALIGNMENT / DESIGN LEVELS / EXISTING LEVELS / CUT / FILL DEPTH / CHAINAGE / SUPERELEVATION

CHAINAGE	VERTICAL ALIGNMENT	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH
640.481	L 5.000 G 1.2%		2.822	0.000
645.000	L 5.000 G 1.2%		2.877	-0.000
650.000	L 5.000 G 1.8%		2.938	-0.000
655.000	L 5.000 G 1.9%		3.022	0.006
660.000	L 5.000 G 2.2%		3.122	-0.000
665.000	L 5.000 G 2.2%		3.230	0.000
670.000	L 5.000 G 2.5%	3.341	3.341	-0.000
675.000	L 5.000 G 2.5%	3.466	3.466	-0.000
680.000	L 2.850 G 2.2%	3.590	3.590	0.000
682.850	L 2.150 G 2.2%	3.652	3.652	0.000
685.000	L 5.000 G 2.2%	3.700	3.700	-0.000
690.000	L 5.000 G 2.3%	3.810	3.810	-0.000
695.000	L 5.000 G 1.7%	3.922	3.925	0.001
700.000	L 5.000 G 1.7%	4.011	4.011	-0.000
705.000	L 5.000 G 1.4%	4.094	4.094	0.000
710.000	L 5.000 G 1.3%	4.163	4.161	0.002
715.000	L 5.000 G 1.1%	4.227	4.227	0.000
720.000	L 5.000 G 0.7%	4.283	4.281	0.002
725.000	L 5.000 G 0.7%	4.320	4.318	0.001
730.000	L 5.000 G 0.7%	4.355	4.355	-0.000
735.000	L 1.761 G 0.3%	4.388	4.388	0.000
736.761	L 3.239 G 0.6%	4.394	4.394	0.000
740.000	L 5.000 G 0.6%	4.413	4.413	0.000
745.000	L 5.000 G 0.6%	4.443	4.443	0.000
750.000	L 5.000 G 0.6%	4.473	4.473	-0.000
755.000	L 5.000 G 0.5%	4.502	4.501	-0.000
760.000	L 5.000 G 0.4%	4.528	4.528	-0.000
765.000	L 5.000 G 0.6%	4.550	4.549	-0.000
770.000	L 5.000 G 0.5%	4.578	4.578	-0.000
775.000	L 5.000 G 0.5%	4.605	4.606	-0.000
780.000	L 5.000 G 0.7%	4.632	4.631	0.000
785.000	L 5.000 G 0.9%	4.669	4.669	-0.000
790.000	L 5.000 G 0.9%	4.711	4.711	-0.000
795.000	L 5.000 G 1.0%	4.758	4.758	-0.000
800.000	L 5.000 G 1.3%	4.807	4.807	-0.000
800.481		4.812	4.812	0.001

HORIZONTAL ALIGNMENT:
R -178.710 L 129.018
L53.911
R -370.000 L 74.639

LONGITUDINAL SECTION MX10

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3231-3239.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3200-LSEC-MX10 X-0246-03-TS-3200-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 AT A3 2

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 10:01:55 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET
5 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3235

ISSUE
D1

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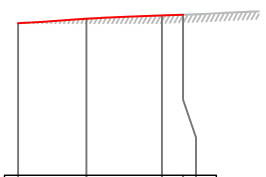
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM RL 2.800				
VERTICAL ALIGNMENT	L 5.000 G 1.3%	L 5.000 G 0.8%	L 1.400 G 0.7%	
HORIZONTAL ALIGNMENT	R -370.000 L 74.639			
DESIGN LEVELS	4.812	4.871	4.914	
EXISTING LEVELS	4.812	4.874	4.914	4.924
CUT / FILL DEPTH	0.001	-0.000	0.000	0.000
CHAINAGE	800.481	805.000	810.000	811.400
SUPERELEVATION				

LONGITUDINAL SECTION MX10
HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
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QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500
VERT. 1:100
AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:01:55 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET 6 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3236
ISSUE: D1

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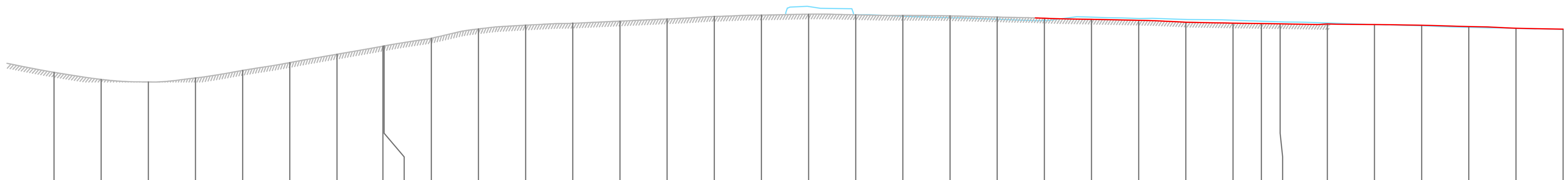
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM RL 1.900

VERTICAL ALIGNMENT: L 5.000 G -3.0% | L 5.000 G -1.1% | L 5.000 G 1.7% | L 5.000 G 3.2% | L 5.000 G 3.3% | L 5.000 G 3.5% | L 4.870 G 3.5% | L 0.130 G 3.7% | L 5.000 G 3.2% | L 5.000 G 4.0% | L 5.000 G 1.6% | L 5.000 G 0.9% | L 5.000 G 0.8% | L 5.000 G 0.9% | L 5.000 G 1.1% | L 5.000 G 0.6% | L 5.000 G 0.3% | L 5.000 G -0.2% | L 5.000 G -0.3% | L 5.000 G -0.2% | L 5.000 G -0.5% | L 5.000 G -0.5% | L 5.000 G -0.5% | L 5.000 G -0.4% | L 5.000 G -0.8% | L 5.000 G -0.4% | L 3.008 G -0.3% | L 1.992 G -0.3% | L 5.000 G -0.0% | L 5.000 G -0.3% | L 5.000 G -0.3% | L 5.000 G -0.5% | L 5.000 G -0.7% | L 5.000 G -0.4% | L 5.000 G -0.1%

HORIZONTAL ALIGNMENT: L34.870 | R -550.000 (L 93.138) | L87.225

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH	SUPERELEVATION
0.000		4.187	0.000	
5.000		4.038	0.000	
10.000		3.983	0.000	
15.000		4.069	0.000	
20.000		4.228	0.000	
25.000		4.393	0.000	
30.000		4.569	0.000	
34.870		4.740	0.000	
35.000		4.745	0.000	
40.000		4.907	0.000	
45.000		5.104	0.000	
50.000		5.183	-0.001	
55.000		5.223	0.006	
60.000		5.269	-0.001	
65.000		5.315	0.000	
70.000		5.368	0.000	
75.000		5.397	0.000	
80.000		5.416	-0.003	
85.000	5.403	5.403	0.000	
90.000	5.389	5.389	-0.000	
95.000	5.381	5.381	-0.000	
100.000	5.356	5.356	0.000	
105.000	5.330	5.330	0.000	
110.000	5.306	5.306	0.000	
115.000	5.286	5.286	0.000	
120.000	5.246	5.246	0.000	
125.000	5.227	5.227	-0.000	
128.008	5.218	5.218	-0.000	
130.000	5.212	5.212	-0.000	
135.000	5.209	5.194	0.016	
140.000	5.196	5.196	0.001	
145.000	5.182	5.181	0.001	
150.000	5.155	5.153	0.001	
155.000	5.119	5.117	0.002	
160.000	5.099	5.096	0.002	

LONGITUDINAL SECTION MX20

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3231-3239.dwg	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	PLOT DATE / TIME: 15/01/2021 10:01:56 AM	PLOT BY: Kate Mercer	CLIENT	CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
QR CODE / SCAN TO CHECK DOCUMENT VER / EXTERNAL REFERENCE FILES	REV: D1 / DATE: 15.01.21 / AMENDMENT / REVISION DESCRIPTION: INTERNAL DCD REVIEW	WVR No. / APPROVAL: M.YATES	SCALES ON A3 SIZE DRAWING: HORIZ. 1:500, VERT. 1:100, AT A3	DRAWINGS / DESIGN PREPARED BY: DESIGNER JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING	Transport Roads & Maritime Services	SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET 7 OF 9

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: CS-3237 | ISSUE: D1

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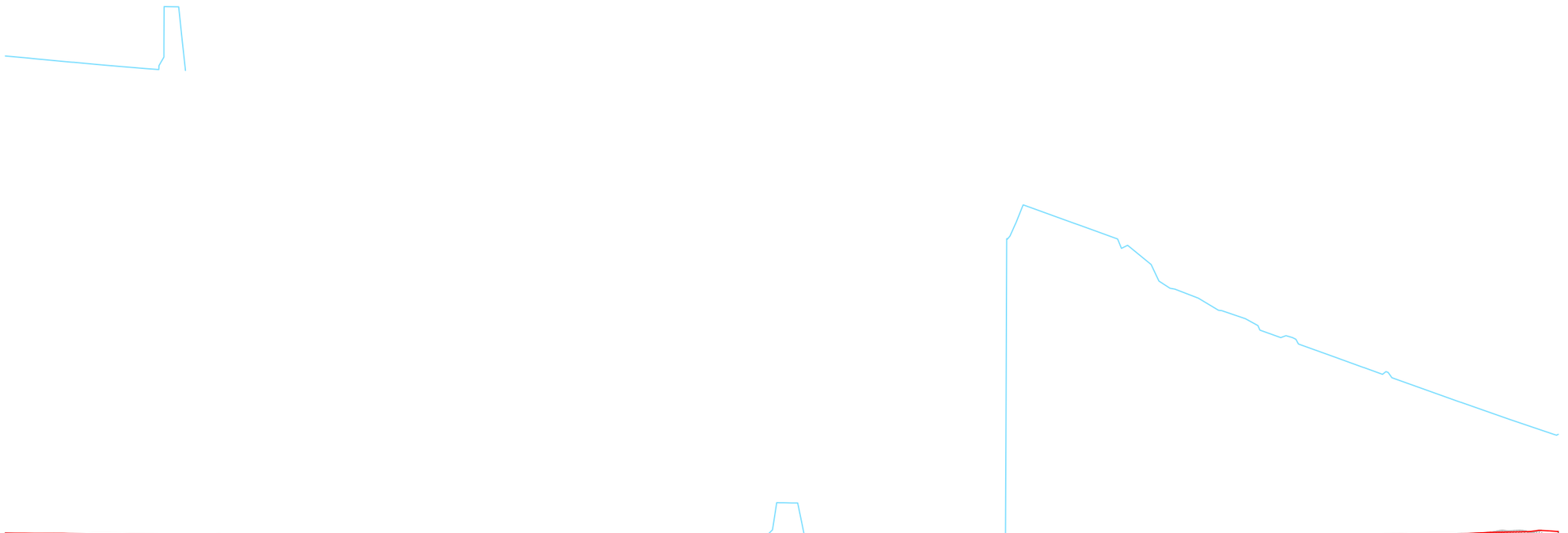

LEGEND

- ┄┄ EXISTING SURFACE
- ── ULTIMATE DESIGN
- ── STAGING DESIGN

DATUM RL 2.800

VERTICAL ALIGNMENT

Chainage	Vertical alignment
160.000	L 5.000 G -0.4%
160.000	L 5.000 G -0.1%
165.000	L 5.000 G -0.4%
170.000	L 5.000 G -0.4%
175.000	L 5.000 G -0.3%
180.000	L 5.000 G 0.0%
185.000	L 5.000 G -0.3%
190.000	L 5.000 G -0.1%
195.000	L 5.000 G -0.3%
200.000	L 5.000 G -0.1%
205.000	L 5.000 G -0.3%
210.000	L 5.000 G -0.6%
215.000	L 0.233 G -0.6%
215.233	L 4.767 G -0.2%
220.000	L 5.000 G -0.6%
225.000	L 5.000 G -0.7%
230.000	L 5.000 G -0.4%
235.000	L 5.000 G -0.0%
240.000	L 5.000 G 0.1%
245.000	L 5.000 G 0.4%
250.000	L 5.000 G 0.1%
255.000	L 5.000 G 0.4%
260.000	L 5.000 G 0.3%
265.000	L 5.000 G 0.3%
270.000	L 5.000 G 0.4%
275.000	L 5.000 G 0.3%
280.000	L 5.000 G 0.3%
285.000	L 5.000 G 0.4%
290.000	L 5.000 G 0.3%
295.000	L 2.357 G 0.2%
297.357	L 2.643 G 0.4%
300.000	L 5.000 G 0.5%
305.000	L 5.000 G 0.3%
310.000	L 5.000 G -3.5%
315.000	L 5.000 G 4.4%
315.000	L 2.357 G -2.2%

HORIZONTAL ALIGNMENT

L87.225

R 80.000

L 82.124

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH
160.000	5.099	5.096	0.002
165.000	5.094	5.092	0.003
170.000	5.076	5.072	0.003
175.000	5.056	5.052	0.004
180.000	5.040	5.036	0.004
185.000	5.042	5.042	0.000
190.000	5.027	5.027	-0.000
195.000	5.022	5.022	0.000
200.000	5.009	5.009	0.000
205.000	5.003	5.003	0.000
210.000	4.988	4.988	-0.000
215.000	4.957	4.957	-0.000
215.233	4.956	4.956	-0.000
220.000	4.947	4.947	-0.000
225.000	4.917	4.917	-0.000
230.000	4.884	4.884	-0.000
235.000	4.863	4.863	0.000
240.000	4.861	4.861	-0.000
245.000	4.866	4.866	-0.000
250.000	4.886	4.886	-0.000
255.000	4.889	4.889	-0.000
260.000	4.909	4.909	0.000
265.000	4.926	4.926	0.000
270.000	4.944	4.943	0.000
275.000	4.961	4.961	0.000
280.000	4.977	4.977	0.000
285.000	4.993	4.993	0.000
290.000	5.012	5.012	0.000
295.000	5.026	5.026	-0.000
297.357	5.032	5.032	0.000
300.000	5.042	5.042	0.000
305.000	5.068	5.068	-0.000
310.000	5.085	5.084	0.000
315.000	4.909	5.145	-0.237
320.000	5.129		

SUPERELEVATION

LONGITUDINAL SECTION MX20

HORIZONTAL 1:500
VERTICAL 1:100

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3200-LSEC-MX10 X-0246-03-TS-3200-LSEC-MX20.	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 5 0 5 10
VERT. 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 10:01:57 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET
8 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3238

ISSUE
D1

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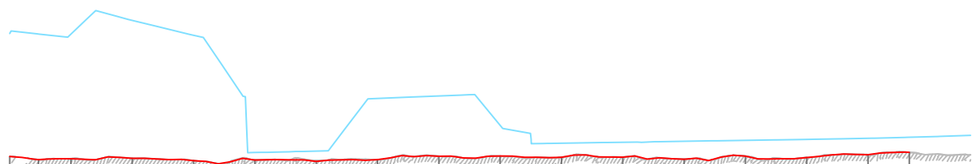

LEGEND

— —	EXISTING SURFACE
🟦	ULTIMATE DESIGN
🟥	STAGING DESIGN

DATUM RL 3.000

VERTICAL ALIGNMENT
L 5.000 G 2.3%
L 2.357 G -2.2%
L 2.643 G 0.6%
L 5.000 G 0.1%
L 5.000 G -0.7%
L 5.000 G 0.2%
L 5.000 G -0.5%
L 5.000 G 0.6%
L 5.000 G 1.1%
L 5.000 G 0.1%
L 5.000 G -0.4%
L 5.000 G 0.0%
L 5.000 G -0.7%
L 5.000 G 1.0%
L 5.000 G -0.5%
L 5.000 G 0.9%
L 3.361 G 1.1%

HORIZONTAL ALIGNMENT
L71.004

CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	CUT / FILL DEPTH
320.000	5.129		
322.357	5.078	5.078	0.000
325.000	5.094	5.094	0.000
330.000	5.099	5.099	0.000
335.000	5.062	5.062	-0.000
340.000	5.071	5.071	-0.000
345.000	5.047	5.064	-0.017
350.000	5.079	5.074	0.005
355.000	5.133	5.133	-0.001
360.000	5.137	5.133	0.003
365.000	5.116	5.116	0.000
370.000	5.117	5.117	0.000
375.000	5.084	5.084	0.000
380.000	5.135	5.135	0.000
385.000	5.112	5.112	0.000
390.000	5.159	5.159	0.000
393.361		5.196	0.000

SUPERELEVATION

LONGITUDINAL SECTION MX20
HORIZONTAL 1:500
VERTICAL 1:100

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

NOT FOR CONSTRUCTION

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3231-3239.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:01:58 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X-0246-00-GE-TITLEBLOCK-RMS-A3 X-0246-03-TS-3200-LSEC-MX10 X-0246-03-TS-3200-LSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
HORIZ. 1:500 — 5 0 5 10
VERT. 1:100 — 1 0 1 2 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT | Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - LONGITUDINAL SECTIONS

A3

SHEET
9 OF 9

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3239
ISSUE: D1

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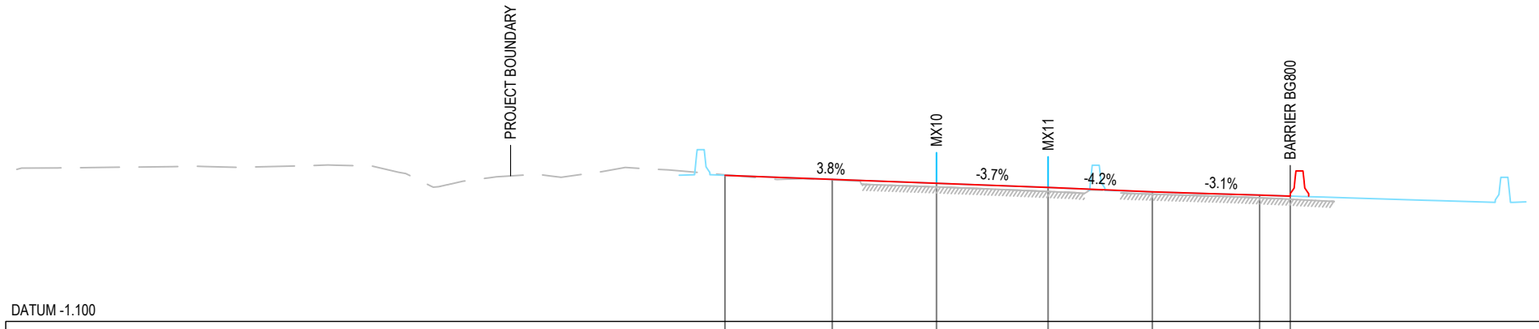
LEGEND

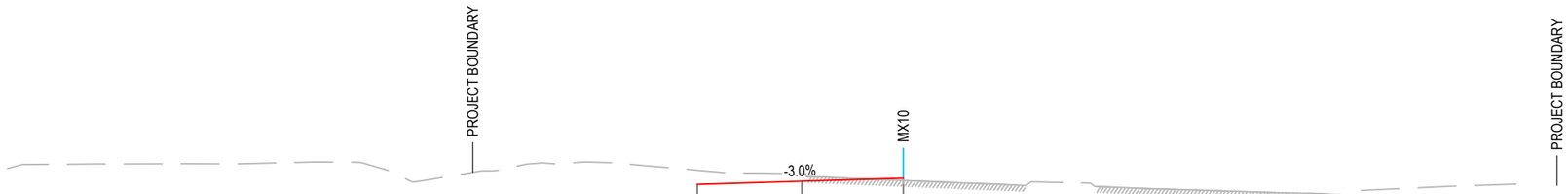
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -1.100

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	3.665	3.533	3.405	3.269	3.125	3.018	2.987
CUT \ FILL DEPTH	-0.017	0.018	0.119	0.132	0.074	0.087	-1.334
EXISTING LEVELS	3.682	3.515	3.286	3.137	3.051	2.931	4.322
DESIGN OFFSET	-6.900	-3.400	0.000	3.637	7.037	10.537	11.537

CH 20.000



DATUM -1.000

	LE10	L110	LE1J
CUT STRINGS			
DESIGN LEVELS	3.064	3.169	3.271
CUT \ FILL DEPTH	-0.477	-0.257	0.074
EXISTING LEVELS	3.541	3.426	3.197
DESIGN OFFSET	-6.900	-3.400	0.000

CH 0.481

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:07 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3300 XSEC-MX10 X:\0246-03-TS 3300 XSEC-MX00	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3
SHEET 1 OF 29

RMS REGISTRATION No.:
PART:
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: CS-3251
ISSUE: D1

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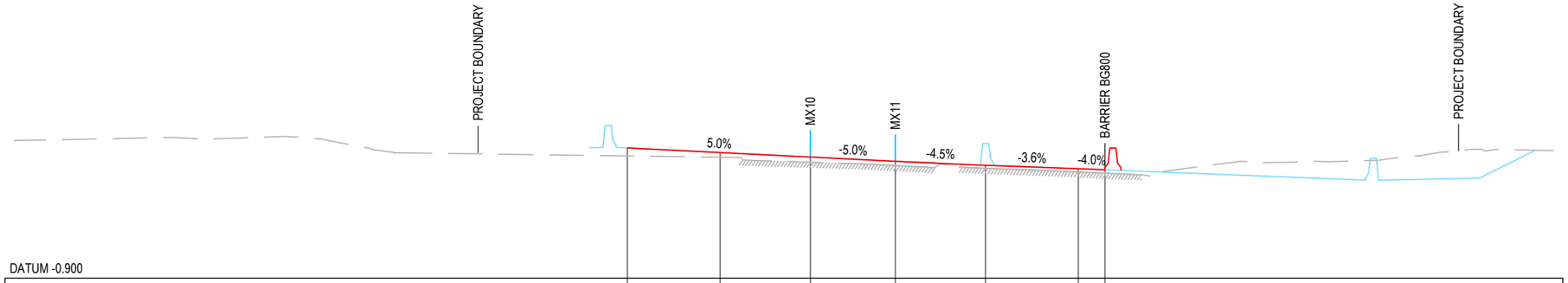
LEGEND

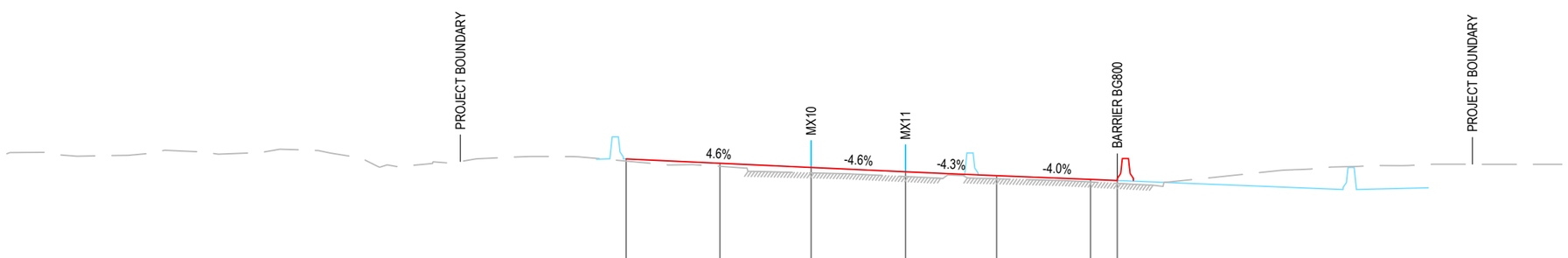
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -0.900

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	4.007	3.832	3.662	3.502	3.350	3.224	3.184
CUT \ FILL DEPTH	-9.187	-1.289	-8.413	0.157	0.107	0.122	0.128
EXISTING LEVELS	13.194	5.121	12.075	3.345	3.243	3.102	3.056
DESIGN OFFSET	-6.900	-3.400	0.000	3.198	6.599	10.099	11.099

CH 60.000



DATUM -1.000

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	3.860	3.700	3.545	3.384	3.237	3.097	3.057
CUT \ FILL DEPTH	0.078	0.115	-7.388	-6.556	-6.240	-7.070	-4.357
EXISTING LEVELS	3.782	3.585	10.932	9.940	9.477	10.167	7.415
DESIGN OFFSET	-6.900	-3.400	0.000	3.519	6.919	10.419	11.419

CH 40.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:08 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3300 XSEC-MX10 X:\0246-03-TS 3300 XSEC-MX00	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 2 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3252

ISSUE: D1

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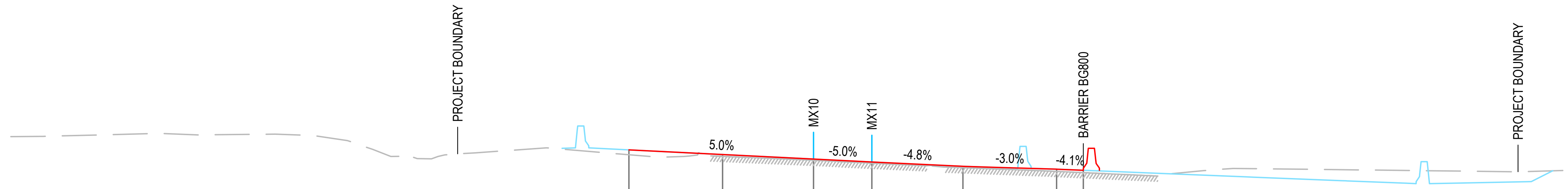
LEGEND

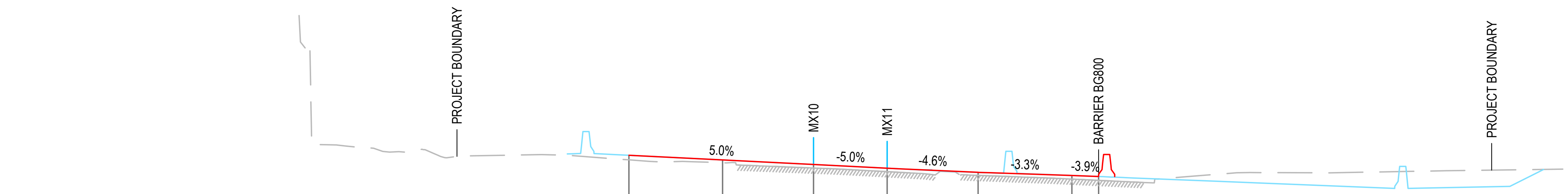
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -0.600

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	4.218	4.043	3.873	3.764	3.603	3.497	3.456
CUT \ FILL DEPTH	0.181	0.067	0.043	0.043	0.050	0.082	0.088
EXISTING LEVELS	4.037	3.976	3.830	3.721	3.553	3.414	3.368
DESIGN OFFSET	-6.900	-3.400	0.000	2.178	5.580	9.082	10.082

CH 100.000



DATUM -0.700

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	4.110	3.935	3.765	3.628	3.473	3.357	3.318
CUT \ FILL DEPTH	0.171	0.105	0.130	0.128	0.112	0.134	0.143
EXISTING LEVELS	3.939	3.831	3.635	3.500	3.361	3.223	3.175
DESIGN OFFSET	-6.900	-3.400	0.000	2.750	6.151	9.652	10.652

CH 80.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100
AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:09 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

A3

SHEET 3 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3253

ISSUE: D1

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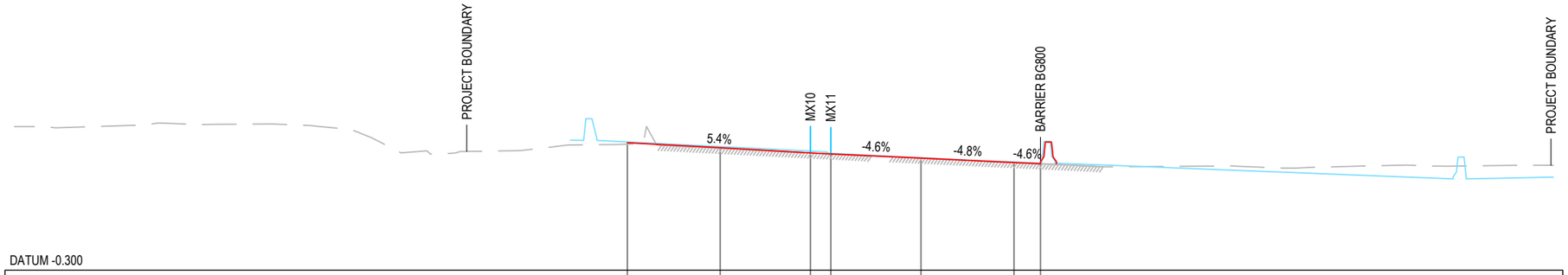
LEGEND

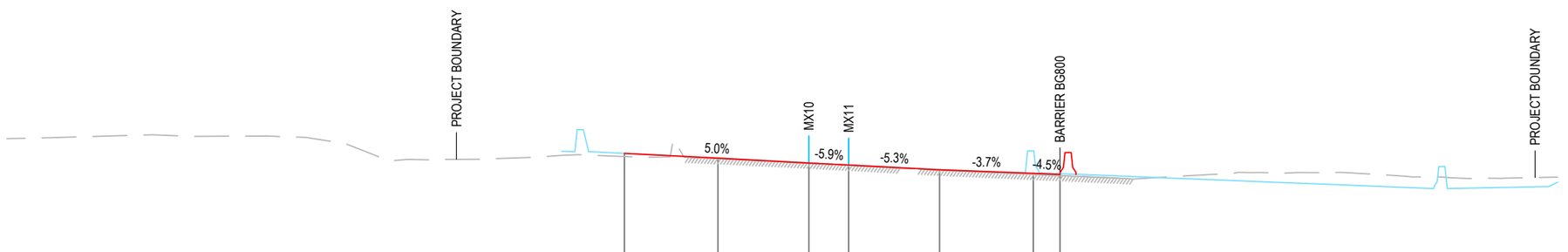
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -0.300

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	4.493	4.305	4.122	4.083	3.925	3.758	3.712
CUT \ FILL DEPTH	0.041	0.010	0.000	-0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	4.452	4.294	4.122	4.083	3.925	3.758	3.713
DESIGN OFFSET	-6.900	-3.400	0.000	0.768	4.169	7.671	8.671

CH 140.000



DATUM -0.500

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	4.356	4.181	4.012	3.923	3.744	3.614	3.569
CUT \ FILL DEPTH	0.119	0.023	0.017	0.009	0.013	0.041	0.041
EXISTING LEVELS	4.237	4.158	3.994	3.915	3.731	3.572	3.529
DESIGN OFFSET	-6.900	-3.400	0.000	1.486	4.889	8.391	9.392

CH 120.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:10 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3300 XSEC-MX10 X:\0246-03-TS 3300 XSEC-MX00	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 4 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3254

ISSUE: D1

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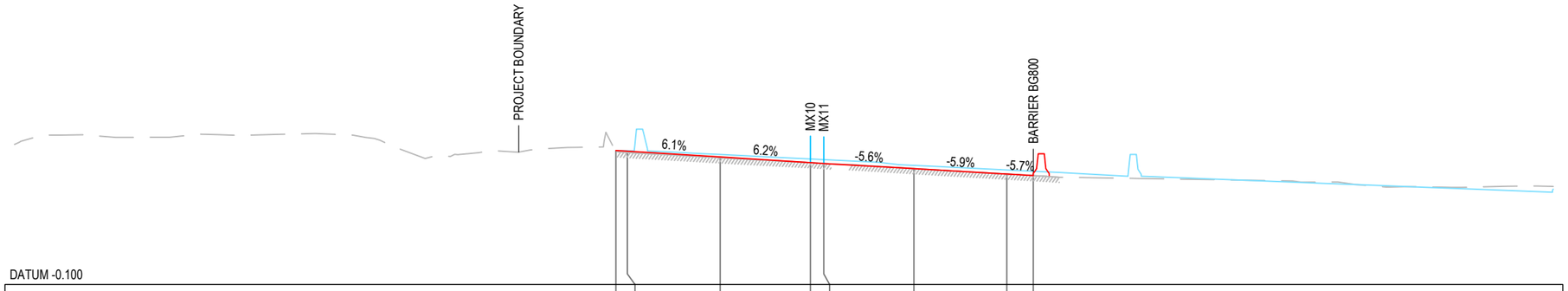
LEGEND

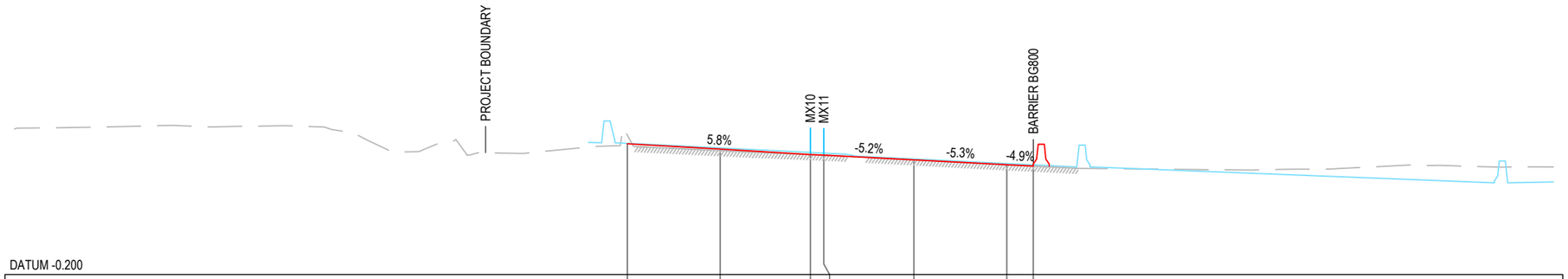
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -0.100

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	4.938	4.911	4.696	4.485	4.453	4.262	4.056	3.999
CUT \ FILL DEPTH	0.045	0.044	0.028	0.000	-0.000	0.000	0.000	0.000
EXISTING LEVELS	4.893	4.867	4.668	4.485	4.453	4.262	4.056	3.999
DESIGN OFFSET	-7.334	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 180.000



DATUM -0.200

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	4.713	4.511	4.314	4.293	4.116	3.932	3.882
CUT \ FILL DEPTH	-0.328	0.048	0.000	-0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	5.040	4.463	4.314	4.293	4.116	3.932	3.882
DESIGN OFFSET	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 160.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:11 AM

PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW Government

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 5 OF 29

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3200-XSEC-MI10 X:\0246-03-TS 3200-XSEC-MI20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: John Holland; Seymour Whyte; Turnbull Engineering

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3255

ISSUE: D1

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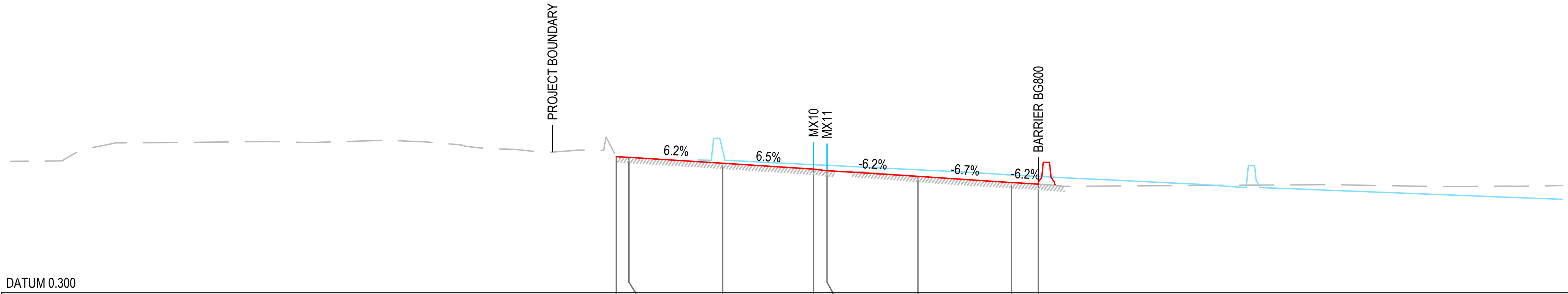
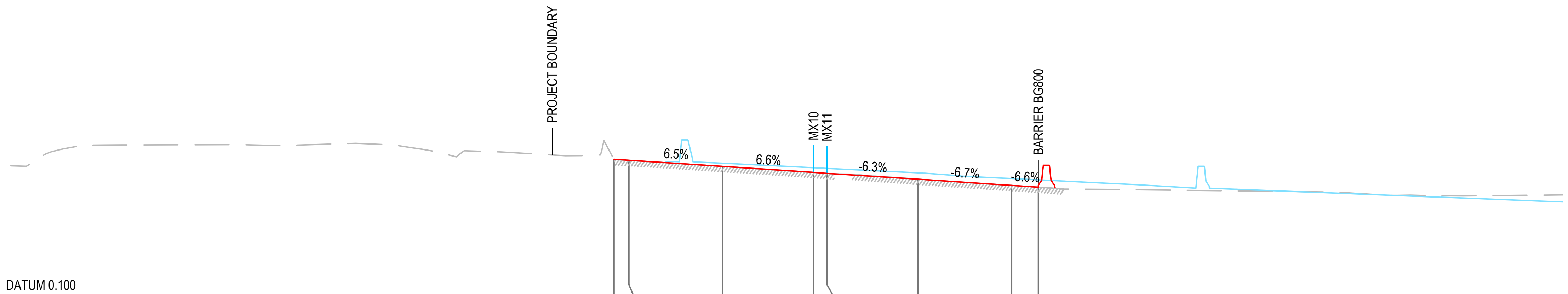
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	5.397	5.370	5.153	4.931	4.872	4.662	4.429	4.367
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.002	-0.000	0.000	0.000
EXISTING LEVELS	5.397	5.370	5.153	4.931	4.870	4.662	4.429	4.366
DESIGN OFFSET	-7.371	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 220.000



CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	5.187	5.151	4.922	4.697	4.659	4.446	4.210	4.144
CUT \ FILL DEPTH	0.009	0.004	-0.001	0.000	0.000	-0.000	-0.000	0.000
EXISTING LEVELS	5.178	5.147	4.923	4.697	4.659	4.446	4.210	4.144
DESIGN OFFSET	-7.455	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 200.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 — AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:12 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

SHEET 6 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3256
ISSUE: D1

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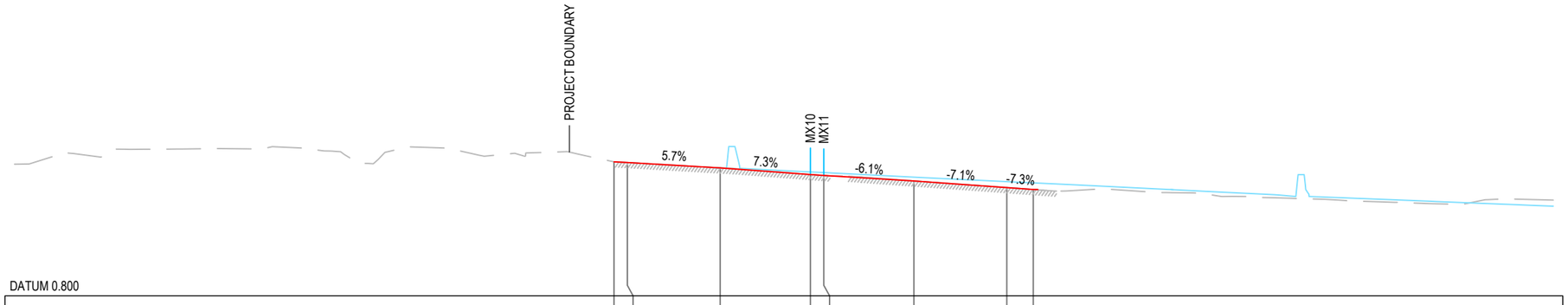
LEGEND

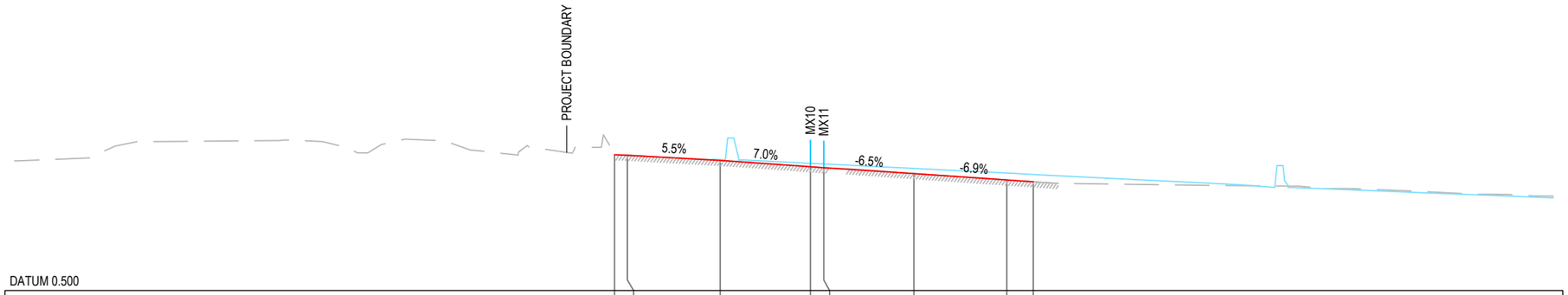
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 0.800

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.842	5.816	5.615	5.365	5.329	5.123	4.873	4.801
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.001	-0.000	-0.000	-0.000
EXISTING LEVELS	5.842	5.816	5.615	5.365	5.330	5.123	4.873	4.801
DESIGN OFFSET	-7.405	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 260.000



DATUM 0.500

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.620	5.597	5.405	5.166	5.130	4.908	4.667	4.599
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.000	-0.000	-0.000	-0.001
EXISTING LEVELS	5.620	5.597	5.405	5.166	5.130	4.908	4.668	4.600
DESIGN OFFSET	-7.385	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 240.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:13 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3300-XSEC-MX10 X:\0246-03-TS 3300-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

A3

SHEET 7 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3257

ISSUE: D1

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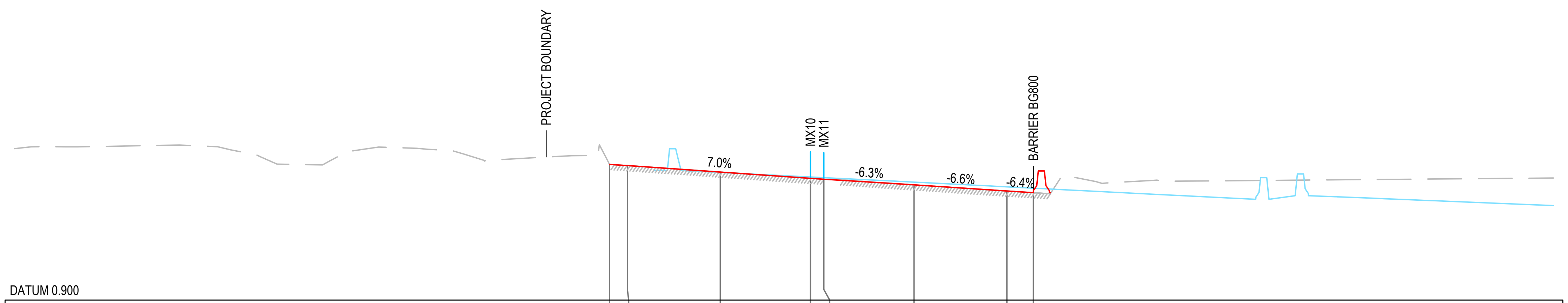
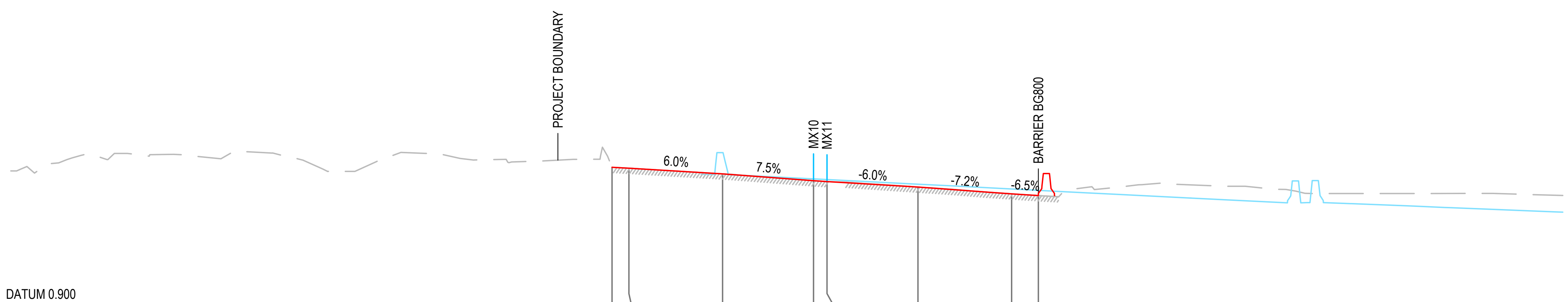
LEGEND

- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	6.022	5.980	5.737	5.498	5.466	5.252	5.021	4.957
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	-0.000	-0.000
EXISTING LEVELS	6.022	5.980	5.737	5.498	5.466	5.252	5.021	4.957
DESIGN OFFSET	-7.574	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 300.000



	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	6.007	5.971	5.761	5.506	5.474	5.271	5.018	4.952
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.000	0.000	-0.000	-0.000
EXISTING LEVELS	6.007	5.971	5.761	5.506	5.474	5.271	5.018	4.953
DESIGN OFFSET	-7.531	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 280.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:14 AM

PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT, Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

A3

SHEET 8 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3258

ISSUE: D1

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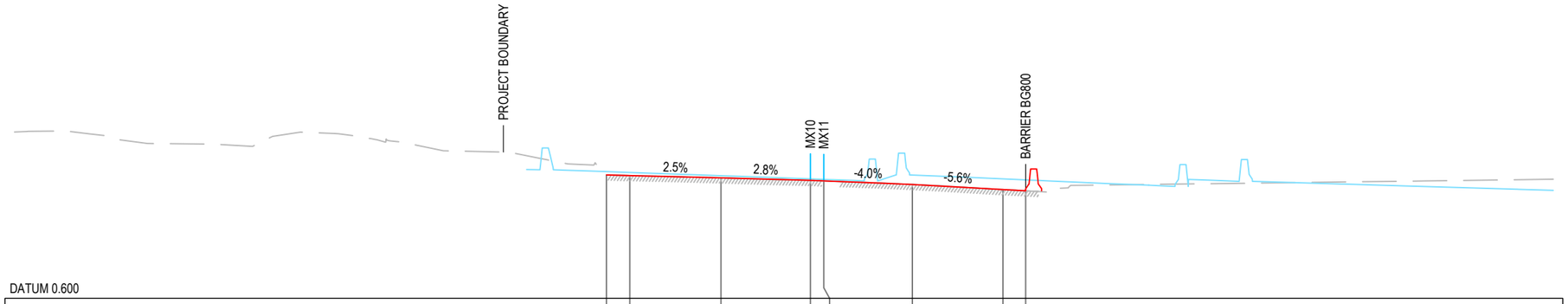
LEGEND

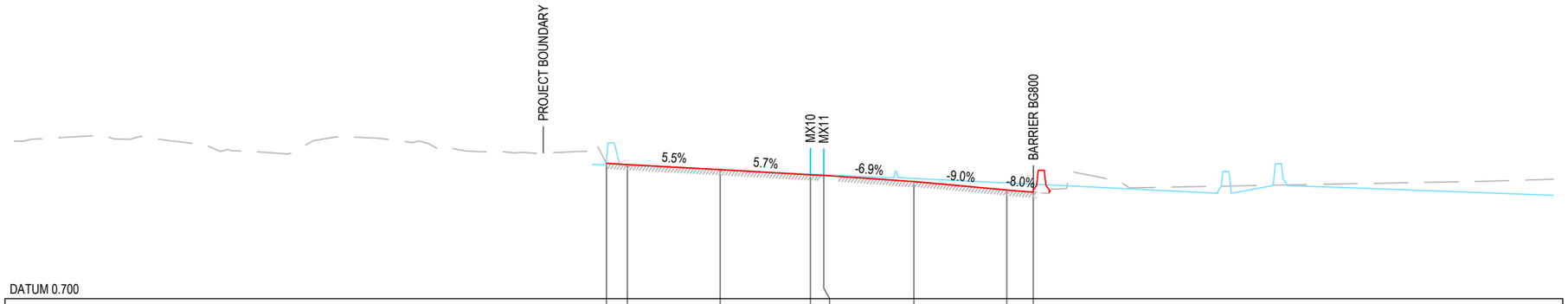
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.600

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.246	5.221	5.136	5.040	5.018	4.884	4.693	4.647
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
EXISTING LEVELS	5.246	5.221	5.136	5.040	5.018	4.884	4.692	4.647
DESIGN OFFSET	-7.689	-6.808	-3.369	0.000	0.500	3.843	7.257	8.114

CH 340.000



DATUM 0.700

	ES10	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS								
DESIGN LEVELS	5.793	5.749	5.555	5.363	5.341	5.107	4.791	4.711
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	-0.004	0.000	0.002	0.003
EXISTING LEVELS	5.793	5.749	5.555	5.363	5.345	5.107	4.789	4.708
DESIGN OFFSET	-7.690	-6.900	-3.400	0.000	0.500	3.900	7.400	8.400

CH 320.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:15 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE-TITLEBLOCK-RMS-A3 X:\0246-03-TS-3200-XSEC-MX10 X:\0246-03-TS-3200-XSEC-MX80	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3
SHEET 9 OF 29

RMS REGISTRATION No.:
PART:
ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: CS-3259
ISSUE: D1

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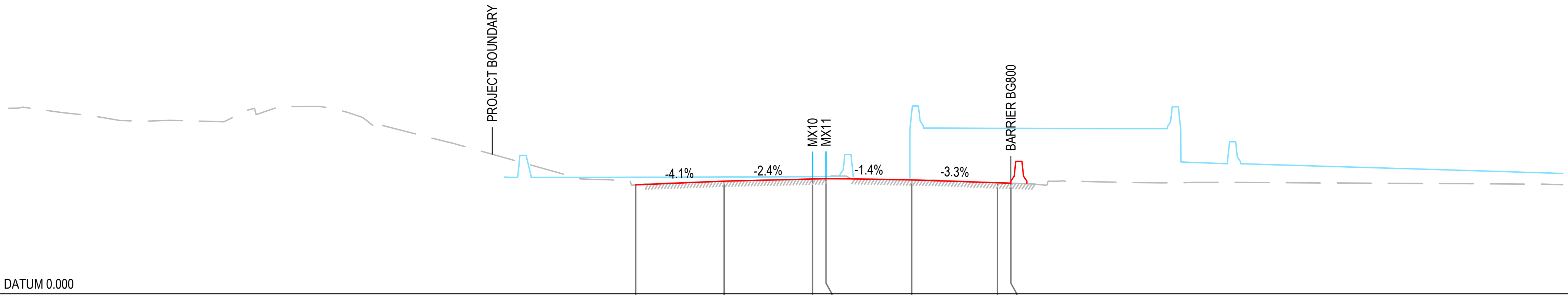
LEGEND

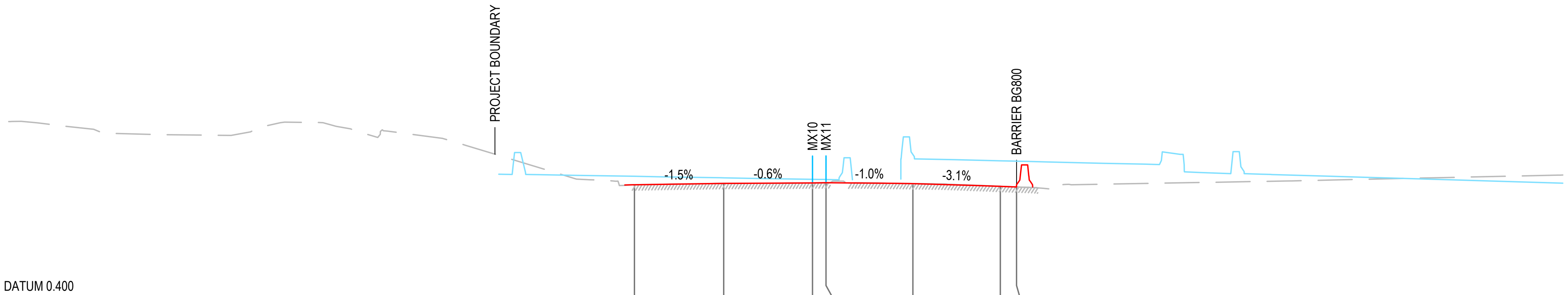
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 0.000

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	4.066	4.203	4.283	4.295	4.251	4.144	4.125
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.002	0.000
EXISTING LEVELS	4.066	4.203	4.283	4.295	4.251	4.142	4.125
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 380.000



DATUM 0.400

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	4.556	4.607	4.628	4.634	4.601	4.500	4.477
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EXISTING LEVELS	4.556	4.607	4.628	4.634	4.601	4.500	4.477
DESIGN OFFSET	-6.648	-3.316	0.000	0.500	3.743	7.007	7.613

CH 360.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:16 AM

PLOT BY: Kate Mercer

CLIENT

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

DRAWINGS / DESIGN PREPARED BY: DESIGNER JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 10 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3260

ISSUE: D1

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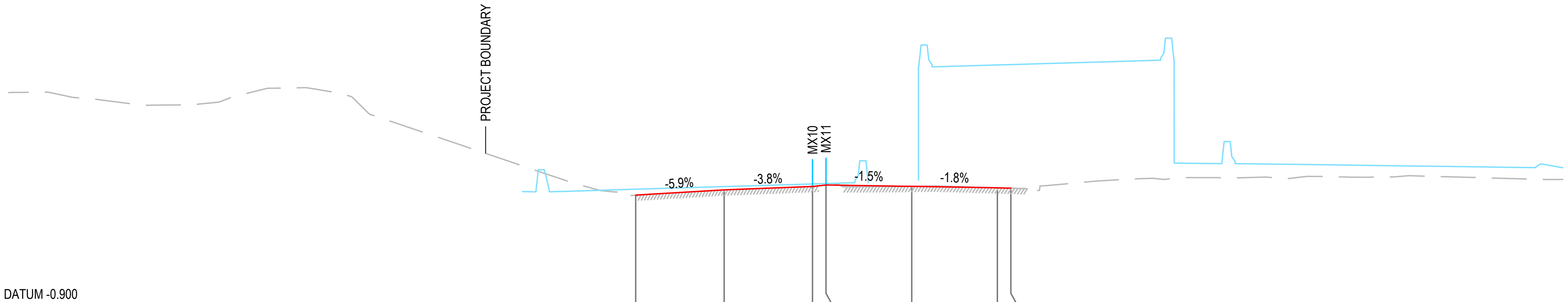
LEGEND

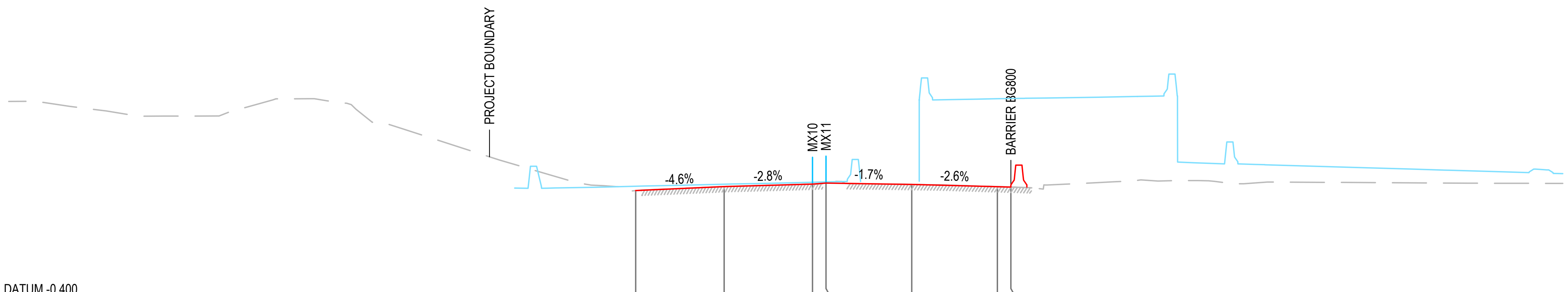
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -0.900

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	3.160	3.356	3.482	3.536	3.488	3.430	3.416
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.040	0.001	-0.001	-0.001
EXISTING LEVELS	3.160	3.356	3.482	3.575	3.487	3.431	3.418
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 420.000



DATUM -0.400

CUT STRINGS	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
DESIGN LEVELS	3.650	3.801	3.892	3.933	3.880	3.797	3.782
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.036	0.000	-0.000	-0.000
EXISTING LEVELS	3.650	3.801	3.892	3.969	3.880	3.797	3.782
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 400.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND | SEYMOUR WHYTE
TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:17 AM
PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 11 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3261
ISSUE: D1

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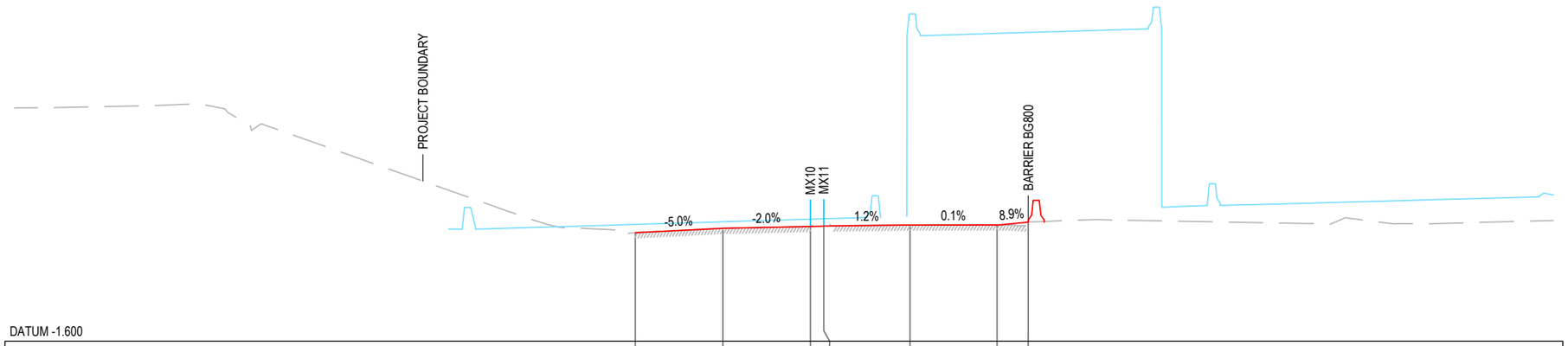
LEGEND

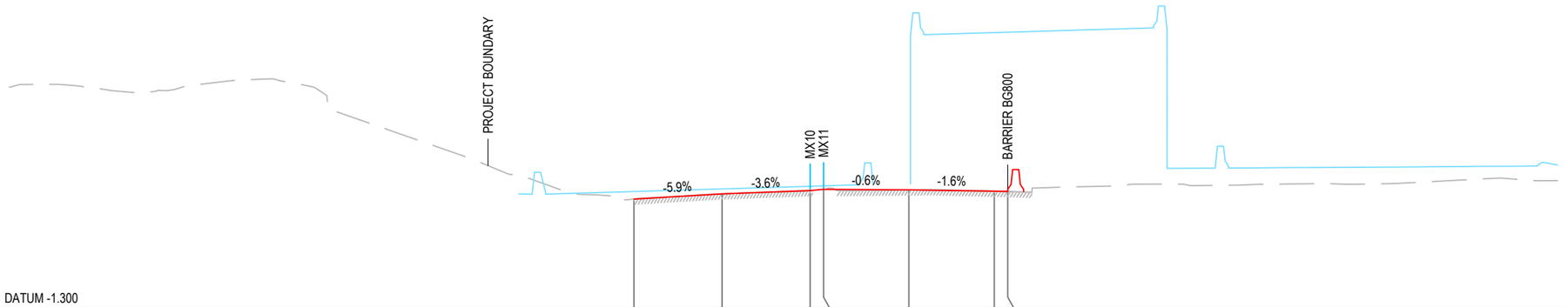
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -1.600

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	2.488	2.655	2.721	2.741	2.779	2.782	2.887
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.063	0.001	0.001	-0.009
EXISTING LEVELS	2.488	2.655	2.721	2.804	2.778	2.781	2.896
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.754	7.035	8.212

CH 460.000



DATUM -1.300

	LE10	L110	LE1J	LE11	L11J	LE1J	ES1J
CUT STRINGS							
DESIGN LEVELS	2.775	2.970	3.089	3.138	3.119	3.069	3.058
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.045	0.001	0.000	0.000
EXISTING LEVELS	2.775	2.970	3.089	3.184	3.119	3.069	3.058
DESIGN OFFSET	-6.600	-3.300	0.000	0.500	3.700	6.900	7.400

CH 440.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 150mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:18 AM
PLOT BY: Kate Mercer

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
A3
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
SHEET 12 OF 29
PHASE 1B - CROSS SECTIONS

RMS REGISTRATION No.:
PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.:
SHEET No.: CS-3262
ISSUE: D1

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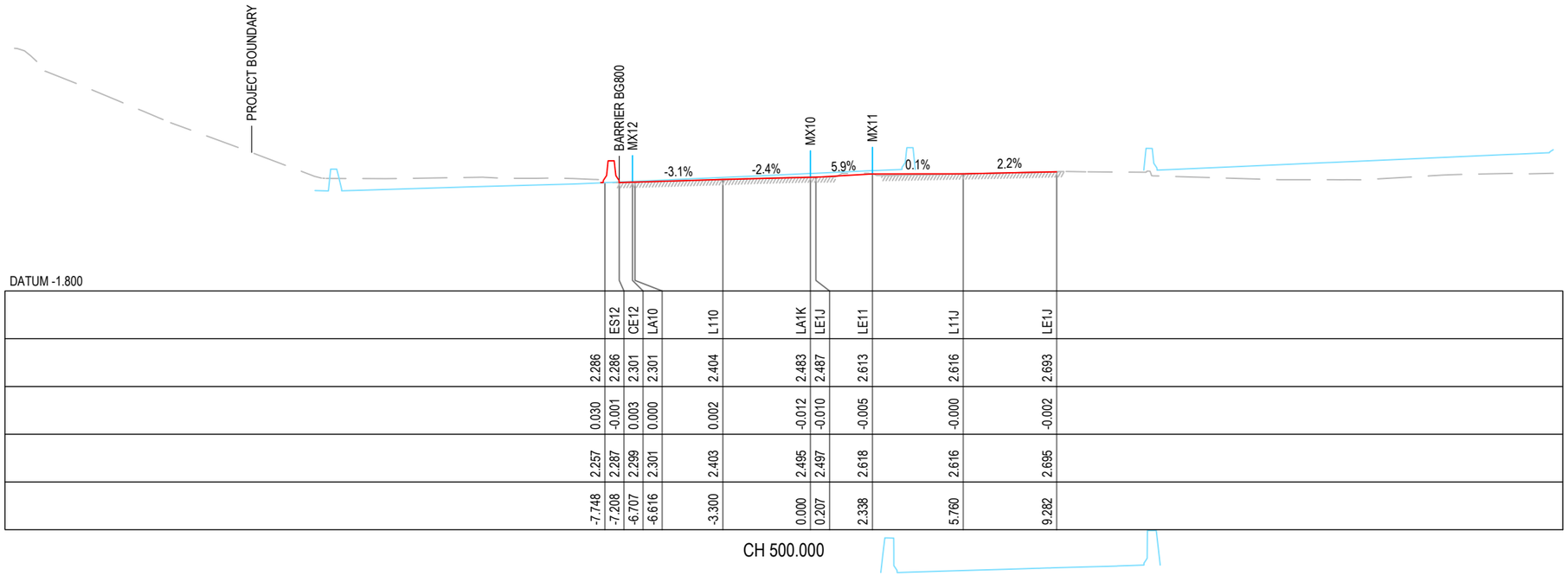
LEGEND

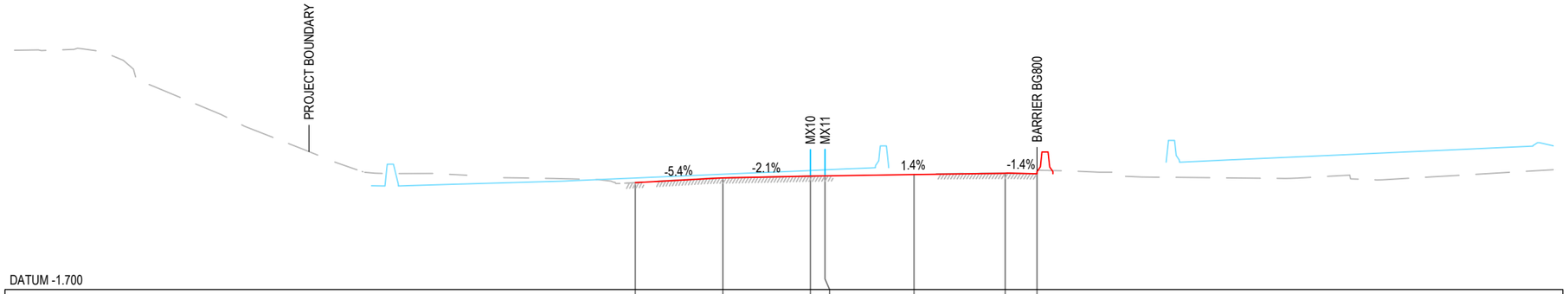
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -1.800

CUT STRINGS			ES12	CE12	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J	
DESIGN LEVELS	2.286		2.286	2.301	2.301	2.404	2.483	2.487	2.613	2.616	2.693	
CUT \ FILL DEPTH	0.030		-0.001	0.003	0.000	0.002	-0.012	-0.010	-0.005	-0.000	-0.002	
EXISTING LEVELS	2.257		2.287	2.299	2.301	2.403	2.495	2.497	2.618	2.616	2.695	
DESIGN OFFSET	-7.748		-7.208	-6.707	-6.616	-3.300	0.000	0.207	2.338	5.760	9.282	

CH 500.000



DATUM -1.700

CUT STRINGS			LE10	L110	LE1J	LE11	L11J	LE1J	ES1J			
DESIGN LEVELS	2.332		2.508	2.576	2.586	2.634	2.683	2.666				
CUT \ FILL DEPTH	0.000		0.000	0.000	0.001		0.001	-0.087				
EXISTING LEVELS	2.332		2.508	2.576	2.585		2.682	2.753				
DESIGN OFFSET	-6.600		-3.300	0.000	0.550	3.906	7.341	8.542				

CH 480.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:19 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

A3

SHEET 13 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3263

ISSUE: D1

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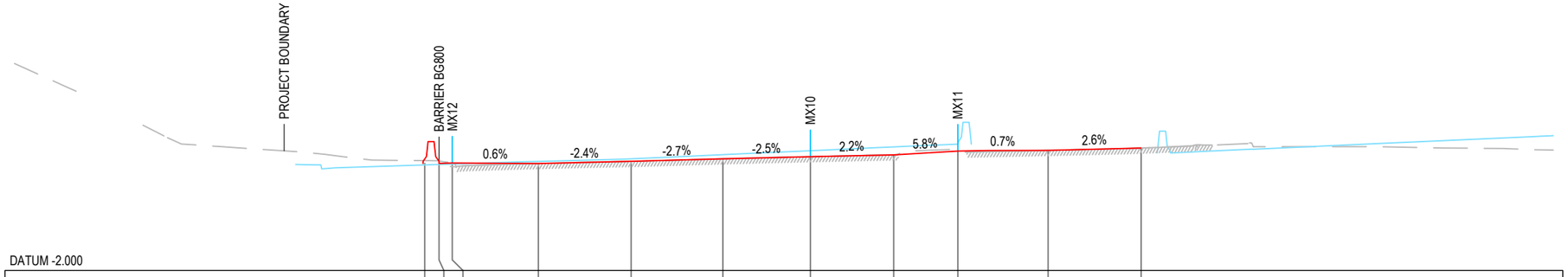
LEGEND

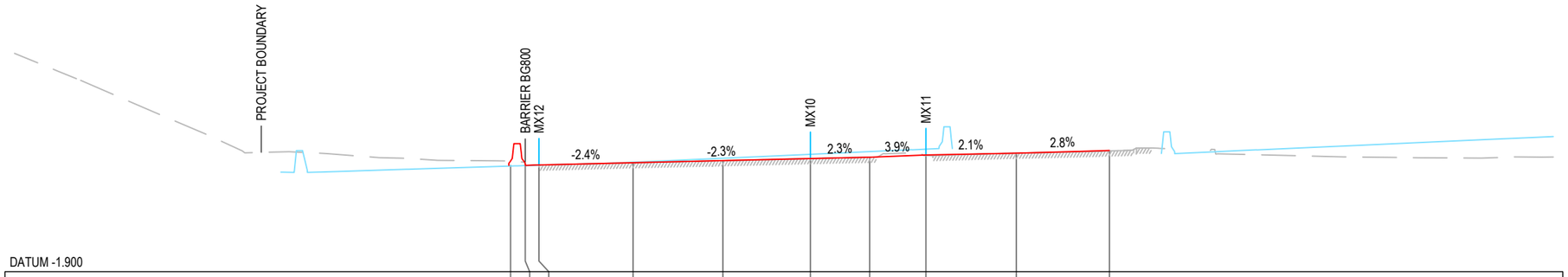
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM -2.000

CUT STRINGS			ES12	CE12	L111	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.031	2.031	2.046	2.026	2.110	2.205	2.286	2.354	2.495	2.520	2.610	
CUT \ FILL DEPTH	-0.104	-0.095	-0.013	-0.003	0.002	-0.000	-0.000	0.000	0.000	0.000	0.001	
EXISTING LEVELS	2.136	2.126	2.059	2.029	2.108	2.205	2.287	2.354	2.494	2.520	2.609	
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.256	-6.756	-3.300	0.000	3.139	5.555	8.959	12.463	

CH 540.000



DATUM -1.900

CUT STRINGS			ES12	CE12	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.102	2.103	2.119	2.203	2.282	2.360	2.411	2.493	2.564	2.663	
CUT \ FILL DEPTH	-0.157	-0.046	0.000	-0.003	0.001	-0.002	-0.000	0.018	0.000	0.012	
EXISTING LEVELS	2.259	2.150	2.119	2.206	2.281	2.362	2.411	2.475	2.564	2.651	
DESIGN OFFSET	-11.306	-10.748	-10.232	-6.686	-3.300	0.000	2.232	4.353	7.761	11.269	

CH 520.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3300-XSEC-MI10 X:\0246-03-TS 3300-XSEC-MI20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:20 AM PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3 SHEET 14 OF 29

RMS REGISTRATION No.: PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No.: | SHEET No.: CS-3264 | ISSUE: D1

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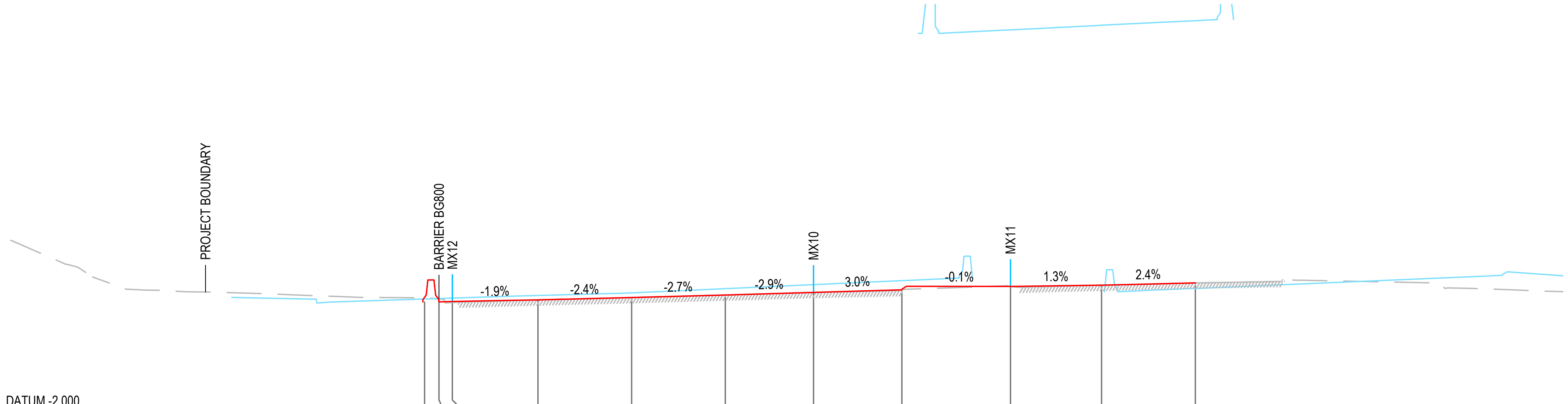
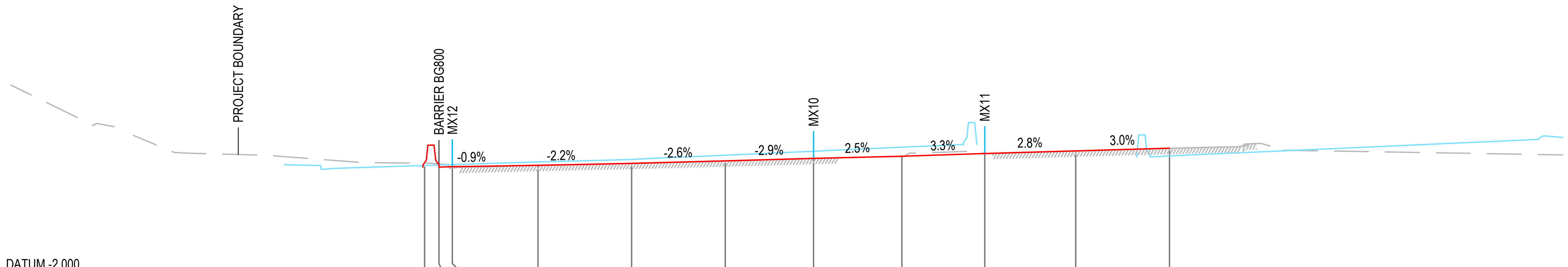
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



CUT STRINGS		ES12	CE12	L111	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.062	2.062	2.077	2.138	2.224	2.320	2.415	2.514	2.641	2.685	2.770
CUT \ FILL DEPTH	-0.151	-0.105	0.036	-0.000	0.000	0.000	0.000	0.016	0.002	0.000	-0.000
EXISTING LEVELS	2.213	2.167	2.041	2.139	2.224	2.320	2.415	2.498	2.639	2.685	2.770
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.300	-6.800	-3.300	0.000	3.300	7.359	10.764	14.268

CH 580.000



CUT STRINGS		ES12	CE12	L111	LA10	L110	LA1K	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.002	2.002	2.017	2.067	2.143	2.232	2.327	2.409	2.511	2.605	2.710
CUT \ FILL DEPTH	-0.148	-0.115	0.049	-0.000	0.000	0.000	-0.000	0.005	0.013	-0.000	0.006
EXISTING LEVELS	2.151	2.117	1.968	2.068	2.143	2.232	2.327	2.404	2.498	2.605	2.703
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.300	-6.800	-3.300	0.000	3.300	6.397	9.800	13.302

CH 560.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:21 AM
PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 15 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3265
ISSUE: D1

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LEGEND

─ ─	EXISTING SURFACE
──	ULTIMATE DESIGN
──	STAGING DESIGN

CUT STRINGS		ES12	CE12	LA10	L110	LA1K	LA1J	LE1J	LE11	L11J	LE16	ES16
DESIGN LEVELS	2.234	2.233	2.246	2.434	2.506	2.610	2.702	2.801	2.885	2.913	2.994	3.015
CUT \ FILL DEPTH	-0.139	-0.132	-0.001	-0.000	0.001	0.000	-0.000	-0.005	0.031	-0.001	0.000	0.000
EXISTING LEVELS	2.374	2.366	2.247	2.434	2.506	2.610	2.702	2.806	2.855	2.914	2.993	3.015
DESIGN OFFSET	-17.126	-16.558	-16.033	-6.800	-3.300	0.000	3.300	6.600	10.083	13.493	17.053	18.111

CH 620.000

CUT STRINGS		ES12	CE12	L111	LA10	L110	LA1K	LA1J	LE1J	LE11	L11J	LE1J
DESIGN LEVELS	2.156	2.156	2.171	2.222	2.310	2.390	2.481	2.549	2.648	2.716	2.773	2.855
CUT \ FILL DEPTH	-0.133	-0.095	0.046	-0.000	-0.000	0.000	-0.000	0.000	-0.086	-0.016	-0.000	-0.001
EXISTING LEVELS	2.289	2.251	2.125	2.222	2.310	2.390	2.481	2.549	2.734	2.731	2.773	2.856
DESIGN OFFSET	-14.540	-14.000	-13.500	-10.300	-6.800	-3.300	0.000	3.300	6.600	8.591	11.998	15.505

CH 600.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL
0 5 10 15 20 25 30 35 40 45

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

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SCALES ON A3 SIZE DRAWING
SCALE 1:100
1 0 1 2
AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 10:02:22 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport
Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET
16 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3266

ISSUE
D1

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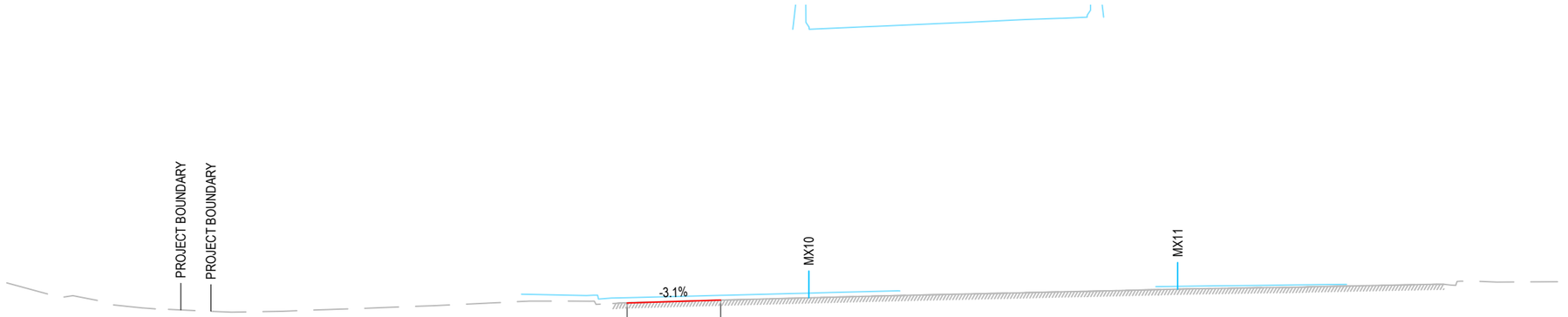
LEGEND

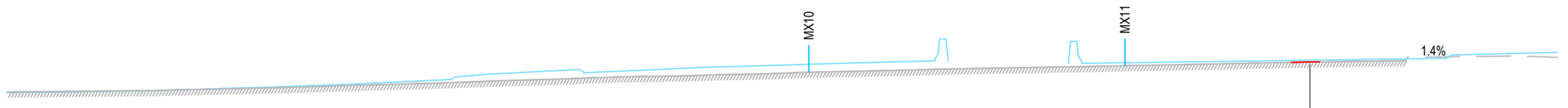
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM -1.100

CUT STRINGS	LE10	L110		
DESIGN LEVELS	2.926	3.036		
CUT \ FILL DEPTH	-0.010	-0.000		
EXISTING LEVELS	2.936	3.036	3.122	
DESIGN OFFSET	-6.800	-3.300	0.000	

CH 660.000



DATUM -0.900

CUT STRINGS		LE1J	
DESIGN LEVELS		3.198	
CUT \ FILL DEPTH		0.001	
EXISTING LEVELS	2.817	3.197	
DESIGN OFFSET	0.000	18.744	

CH 640.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:23 AM

PLOT BY: Kate Mercer

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

A3

SHEET 17 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3267

ISSUE: D1

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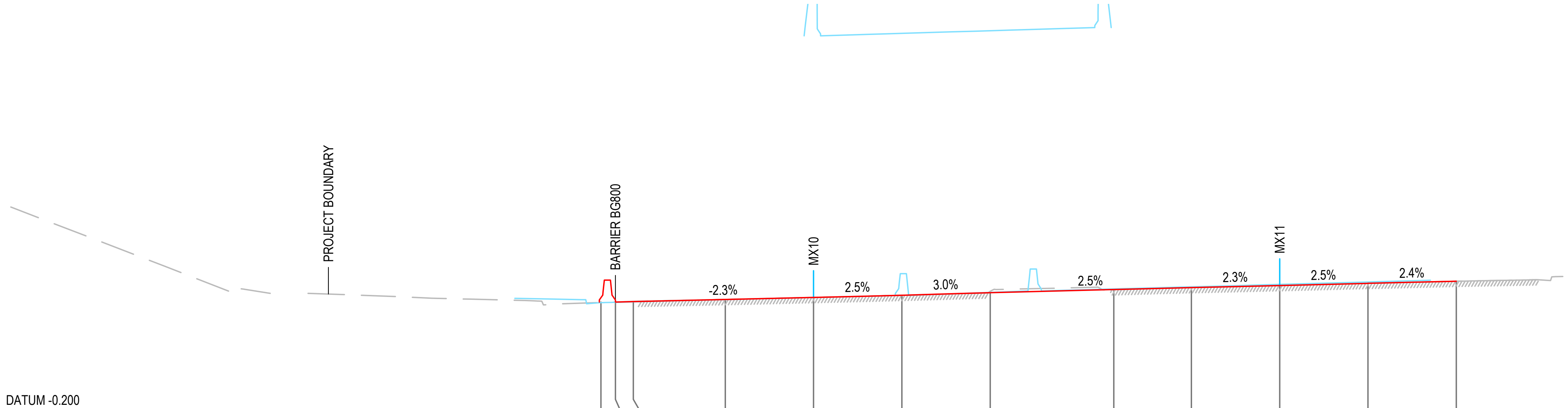
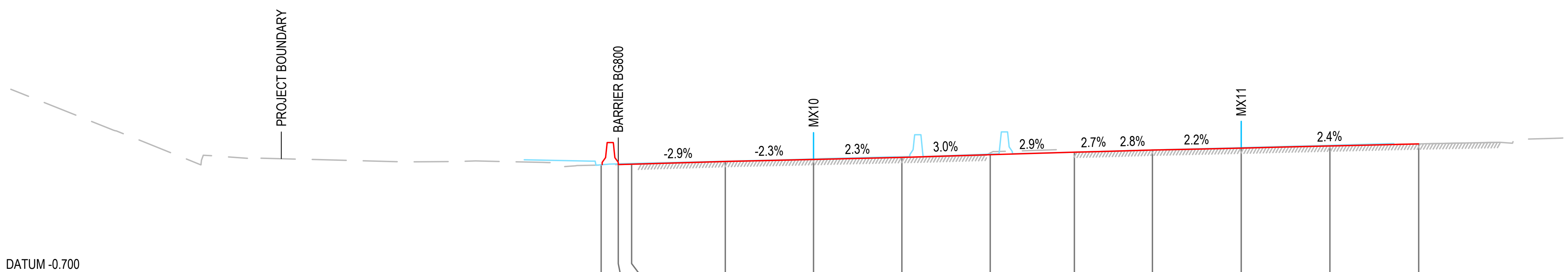
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



CUT STRINGS		ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	3.839	3.839	3.858	3.936	4.011	4.092	4.191	4.308	4.382	4.457	4.540	4.618
CUT \ FILL DEPTH	0.017	0.000	-0.005	0.000	-0.000	0.001	-0.050	0.007	-0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	3.822	3.839	3.863	3.936	4.011	4.091	4.241	4.301	4.382	4.457	4.540	4.618
DESIGN OFFSET	-7.946	-7.406	-6.736	-3.300	0.000	3.300	6.600	11.218	14.119	17.420	20.721	24.022

CH 700.000



CUT STRINGS		ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	3.398	3.398	3.411	3.513	3.590	3.667	3.766	3.858	3.939	4.012	4.092	4.170
CUT \ FILL DEPTH	0.016	0.000	0.000	-0.000	0.000	0.000	-0.065	0.000	-0.000	-0.000	0.000	-0.000
EXISTING LEVELS	3.382	3.398	3.411	3.514	3.590	3.667	3.831	3.858	3.939	4.012	4.092	4.170
DESIGN OFFSET	-7.941	-7.300	-6.800	-3.300	0.000	3.300	6.600	9.745	12.662	15.980	19.298	22.616

CH 680.000

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:24 AM
PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services (NSW GOVERNMENT)

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 18 OF 29

PART

RMS REGISTRATION No.

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3268
ISSUE: D1

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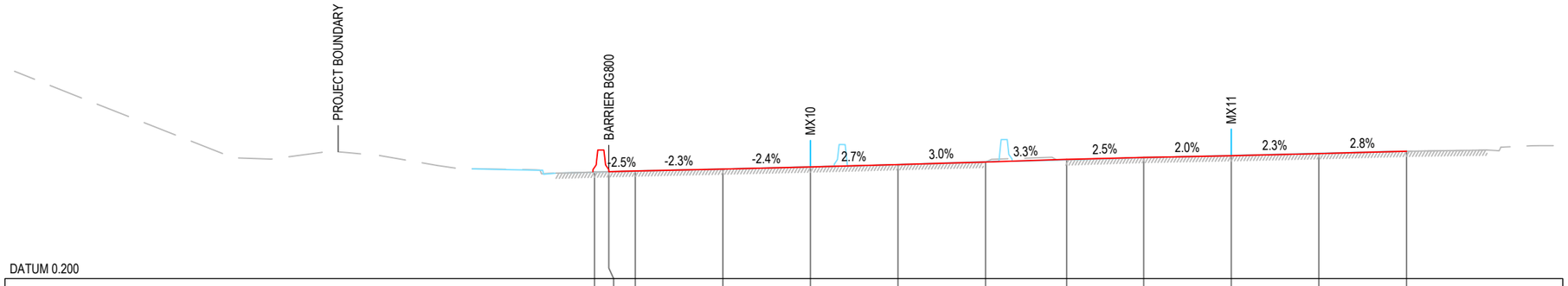
LEGEND

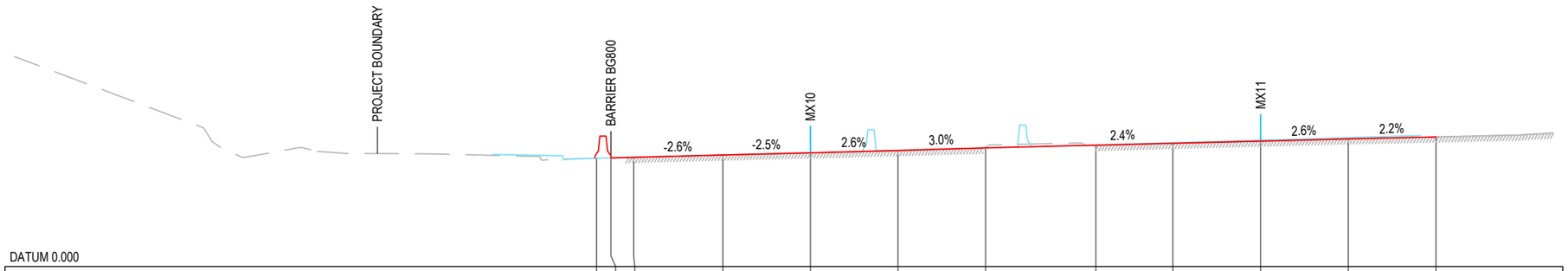
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.200

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.233		4.233	4.258	4.333	4.413	4.501	4.600	4.701	4.772	4.838	4.915	5.006
CUT \ FILL DEPTH	0.013		-0.002	-0.001	-0.000	0.000	0.000	-0.000	0.021	-0.000	0.000	-0.001	0.001
EXISTING LEVELS	4.219		4.235	4.259	4.334	4.413	4.501	4.601	4.679	4.772	4.838	4.915	5.005
DESIGN OFFSET	-8.140		-7.600	-6.600	-3.300	0.000	3.300	6.600	9.657	12.560	15.864	19.167	22.471

CH 740.000



DATUM 0.000

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.092		4.092	4.114	4.200	4.283	4.370	4.469	4.569	4.641	4.721	4.808	4.880
CUT \ FILL DEPTH	0.014		0.001	0.001	-0.000	0.002	0.002	-0.036	0.013	-0.000	0.000	-0.003	-0.001
EXISTING LEVELS	4.078		4.091	4.112	4.200	4.281	4.368	4.505	4.556	4.641	4.721	4.811	4.881
DESIGN OFFSET	-8.061		-7.521	-6.662	-3.300	0.000	3.300	6.600	10.760	13.664	16.969	20.274	23.580

CH 720.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-IE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3200-XSEC-MX10 X:\0246-03-TS 3200-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:25 AM | PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3 | SHEET 19 OF 29

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No. CS-3269 | ISSUE D1

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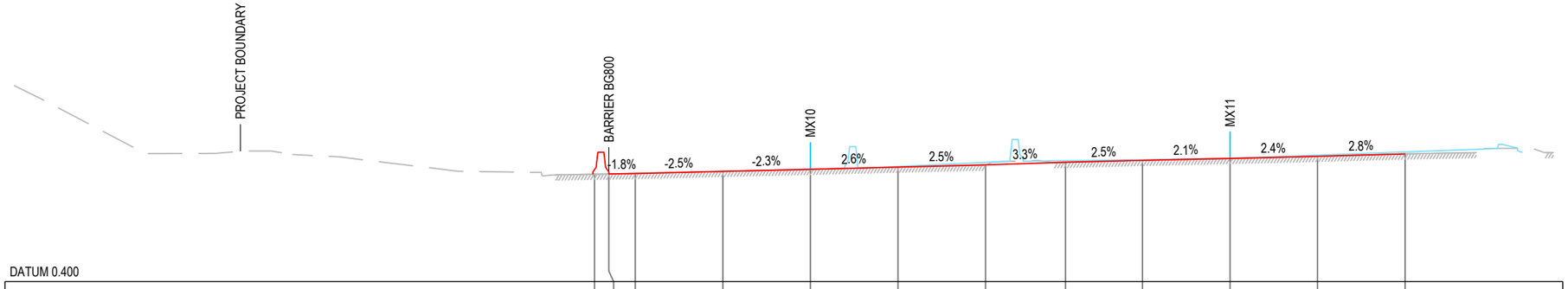
LEGEND

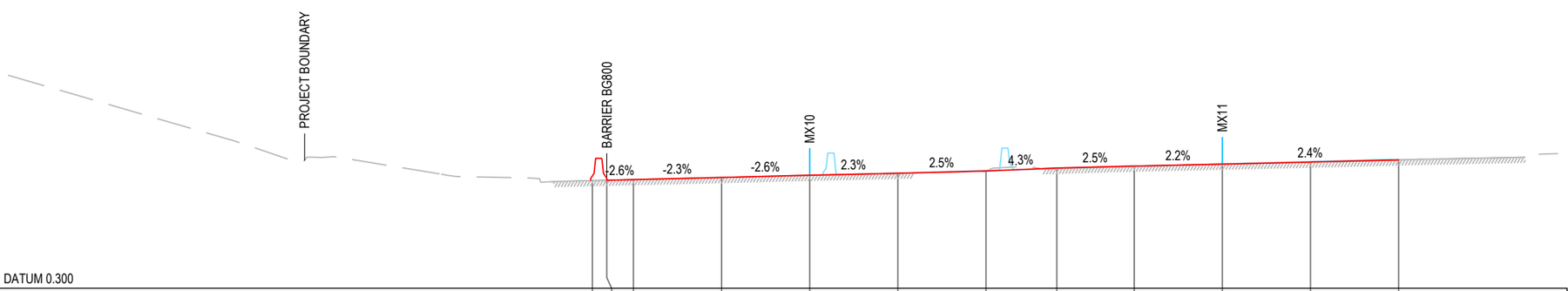
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.400

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.455	4.455	4.455	4.473	4.554	4.632	4.716	4.799	4.897	4.970	5.040	5.120	5.211
CUT \ FILL DEPTH	0.009	-0.000	-0.000	0.000	-0.000	0.000	-0.000	0.011	0.002	-0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	4.446	4.455	4.455	4.473	4.554	4.631	4.716	4.788	4.895	4.970	5.040	5.120	5.211
DESIGN OFFSET	-8.140	-7.600	-6.600	-3.300	0.000	3.300	6.600	9.615	12.515	15.815	19.116	22.416	

CH 780.000



DATUM 0.300

CUT STRINGS			ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.341	4.341	4.341	4.367	4.444	4.528	4.603	4.686	4.800	4.872	4.945	5.023	5.104
CUT \ FILL DEPTH	0.012	-0.001	0.000	0.000	0.000	-0.000	-0.000	0.004	0.010	-0.000	0.000	0.000	-0.000
EXISTING LEVELS	4.329	4.342	4.367	4.444	4.528	4.603	4.682	4.790	4.872	4.945	5.023	5.104	
DESIGN OFFSET	-8.140	-7.600	-6.600	-3.300	0.000	3.300	6.600	9.251	12.151	15.451	18.751	22.051	

CH 760.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:26 AM

PLOT BY: Kate Mercer

CLIENT: Transport Roads & Maritime Services, NSW GOVERNMENT

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET 20 OF 29

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-JE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3200-XSEC-MX10 X:\0246-03-TS 3200-XSEC-MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND; SEYMOUR WHYTE; TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3270

ISSUE: D1

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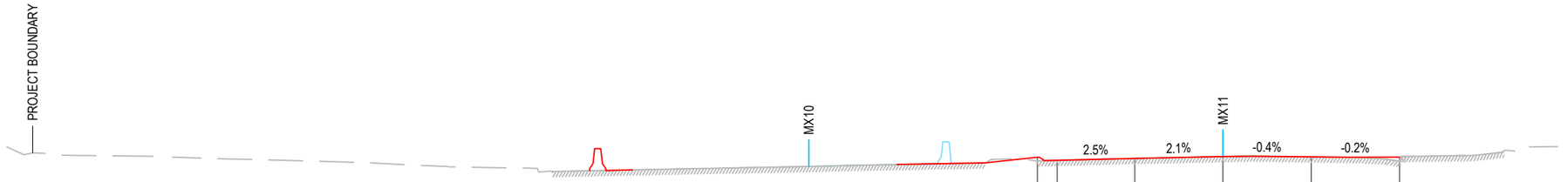

LEGEND

— —	EXISTING SURFACE
—	ULTIMATE DESIGN
—	STAGING DESIGN

DATUM 1.100

CUT STRINGS			LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS		5.271	5.154	5.226	5.294	5.282	5.277
CUT \ FILL DEPTH		0.137	0.000	-0.000	0.000	-0.002	0.156
EXISTING LEVELS	4.924	5.134	5.153	5.226	5.294	5.284	5.121
DESIGN OFFSET	0.000	8.546	9.286	12.187	15.489	18.790	22.092

CH 811.400

DATUM 0.600

CUT STRINGS		ES10	LE10	L110	LA1K	L11J	LE1J	LE12	L112	LA11	L11J	LE1J
DESIGN LEVELS	4.626	4.626	4.638	4.720	4.807	4.885	4.963	5.065	5.138	5.216	5.224	5.302
CUT \ FILL DEPTH	0.006	-0.001	0.000	0.000	-0.000	-0.000	0.008	-0.003	-0.000	-0.000	-0.001	-0.000
EXISTING LEVELS	4.620	4.627	4.638	4.720	4.807	4.885	4.955	5.069	5.138	5.216	5.225	5.303
DESIGN OFFSET	-8.140	-7.600	-6.600	-3.300	0.000	3.300	6.600	9.556	12.456	15.757	19.057	22.357

CH 800.000

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING
SCALE 1:100 1 0 1 2 AT A3

CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE together with VINCI
TURNBULL ENGINEERING

PLOT DATE / TIME
15/01/2021 10:02:27 AM

PLOT BY
Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3

SHEET
21 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS
DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.
CS-3271

ISSUE
D1

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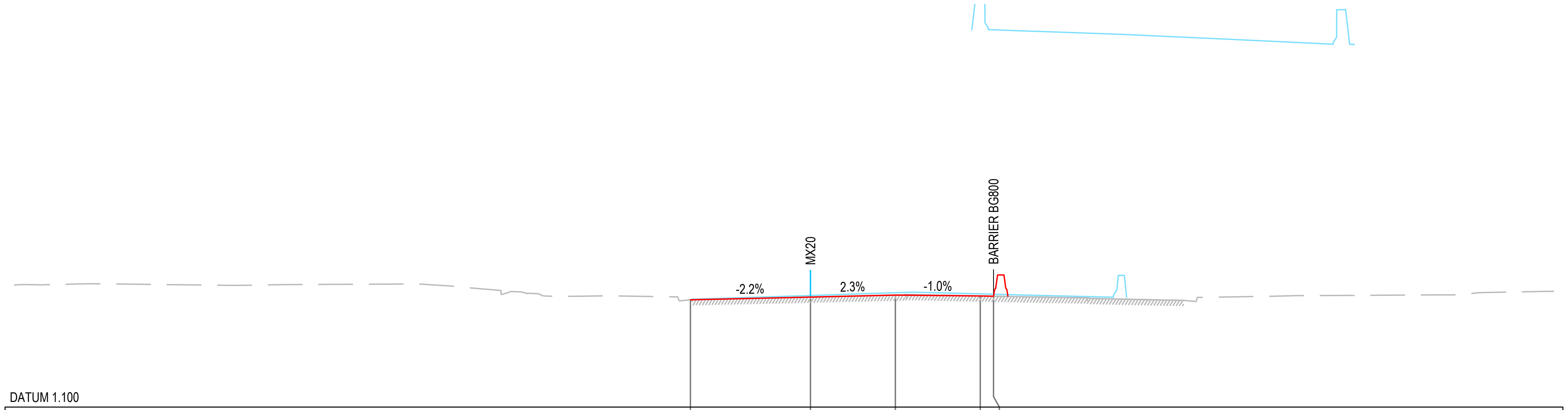
LEGEND

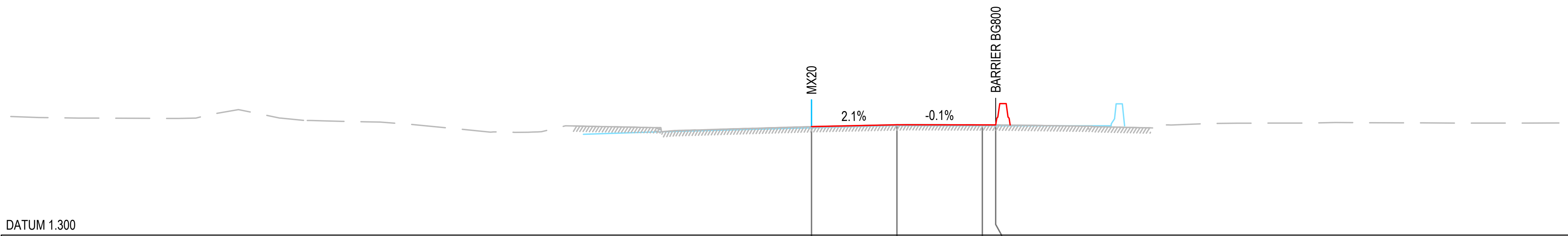
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 1.100

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.145	5.246	5.320	5.288	5.279
CUT \ FILL DEPTH	0.002	0.000	-0.000	-0.001	-0.000
EXISTING LEVELS	5.143	5.246	5.320	5.288	5.279
DESIGN OFFSET	-4.528	0.000	3.200	6.400	6.900

CH 120.000



DATUM 1.300

CUT STRINGS	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.356	5.424	5.420	5.418
CUT \ FILL DEPTH	0.000	0.000	-0.000	-0.000
EXISTING LEVELS	5.356	5.424	5.421	5.418
DESIGN OFFSET	0.000	3.200	6.400	6.900

CH 100.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:28 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100, AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

A3

SHEET 22 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3272

ISSUE: D1

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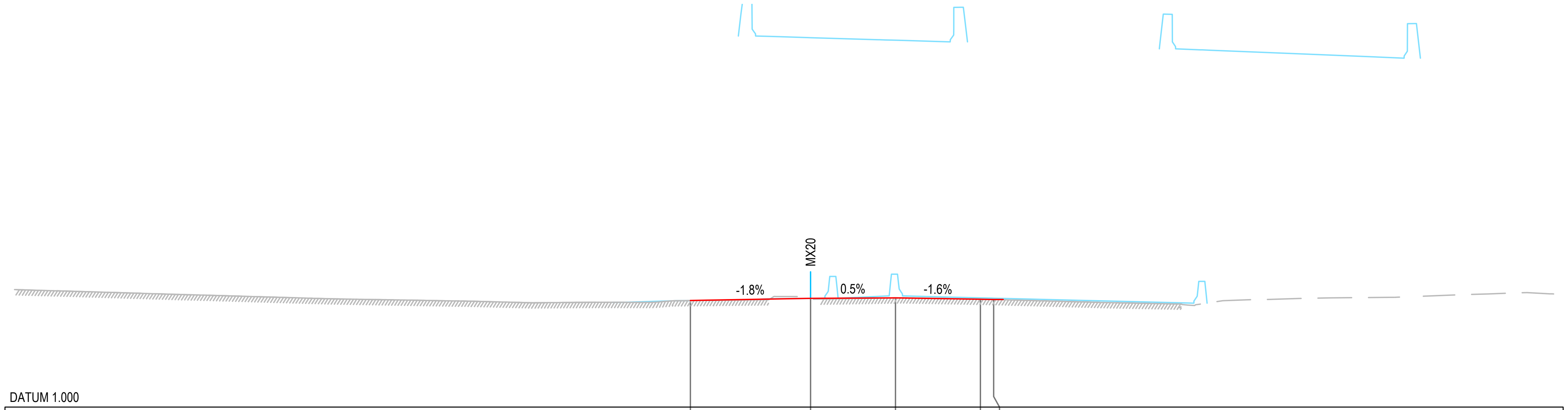
LEGEND

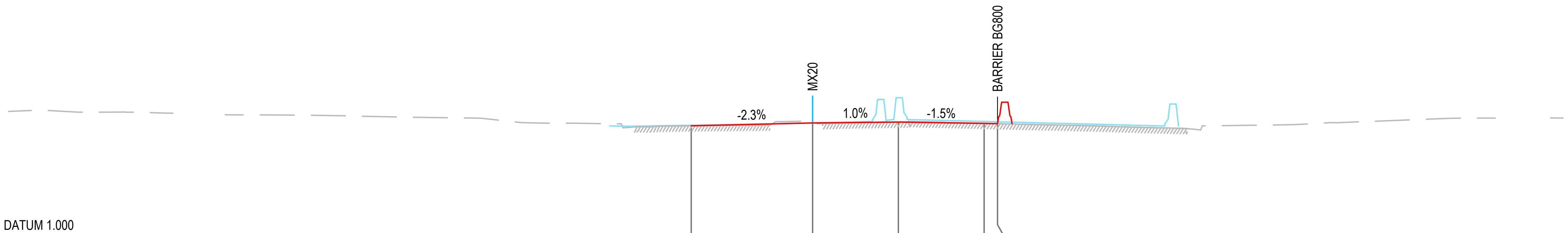
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 1.000

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.017	5.099	5.115	5.064	5.054
CUT \ FILL DEPTH	0.003	0.002	0.000	-0.000	-0.000
EXISTING LEVELS	5.014	5.096	5.115	5.064	5.054
DESIGN OFFSET	-4.528	0.000	3.200	6.400	6.900

CH 160.000



DATUM 1.000

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.092	5.196	5.229	5.181	5.169
CUT \ FILL DEPTH	0.003	0.001	0.000	-0.001	-0.000
EXISTING LEVELS	5.090	5.196	5.229	5.182	5.170
DESIGN OFFSET	-4.528	0.000	3.200	6.400	6.900

CH 140.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME
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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:29 AM
PLOT BY: Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

QR CODE | SCAN TO CHECK DOCUMENT VER | EXTERNAL REFERENCE FILES

SCALES ON A3 SIZE DRAWING
SCALE 1:100 — 1 0 1 2 — AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER
JOHN HOLLAND
SEYMOUR WHYTE
TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT
NSW GOVERNMENT
Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

SHEET 23 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3273
ISSUE: D1

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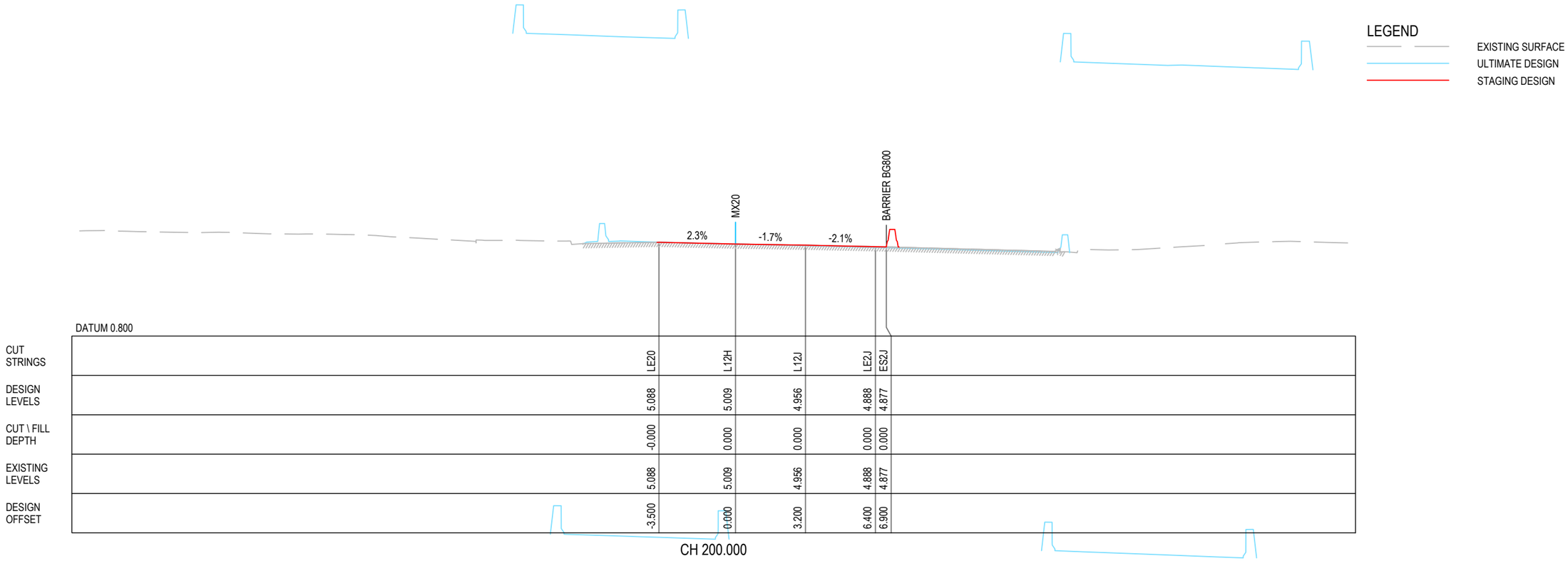

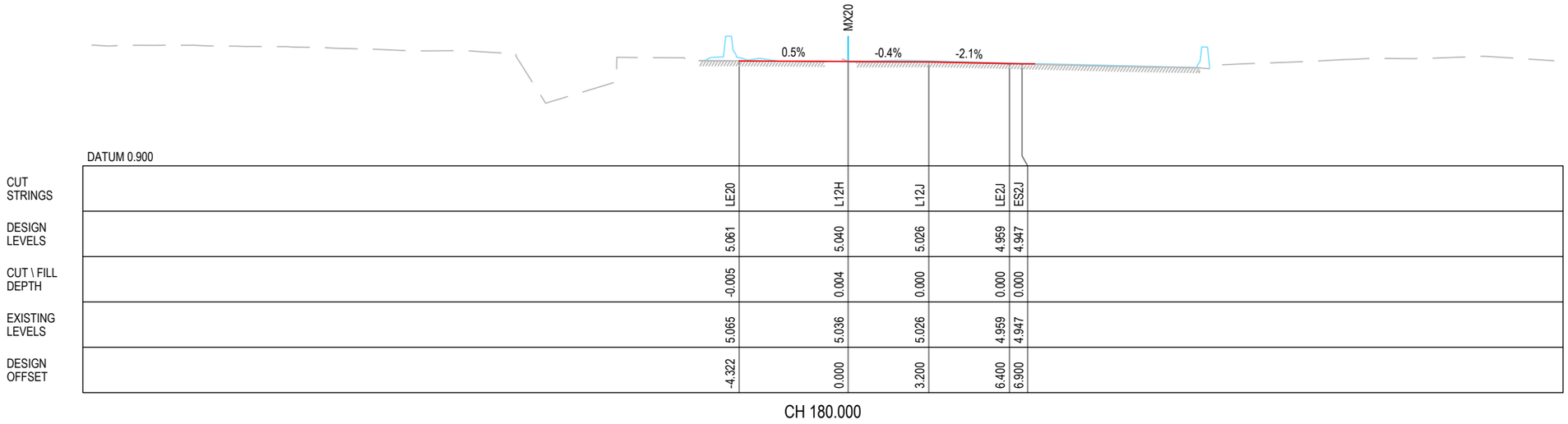

NOT FOR CONSTRUCTION

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0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE:

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE / TIME: 15/01/2021 10:02:30 AM

PLOT BY: Kate Mercer

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
		X:\0246-00-GE TITLEBLOCK-RMS-A3 X:\0246-03-TS 3200 XSEC.MX10 X:\0246-03-TS 3200 XSEC.MX20	D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

A3

SHEET 24 OF 29

RMS REGISTRATION No.:

PART:

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.:

SHEET No.: CS-3274

ISSUE: D1

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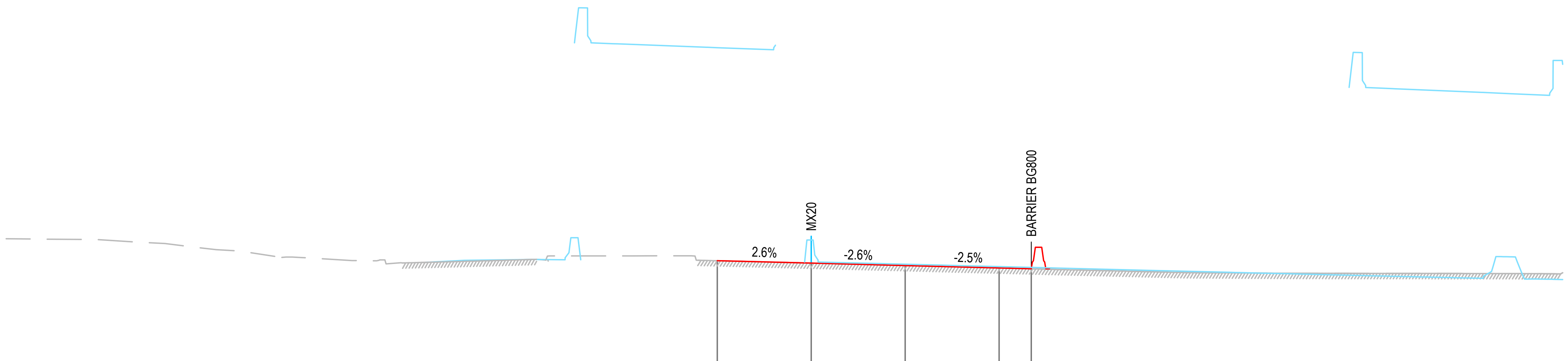
LEGEND

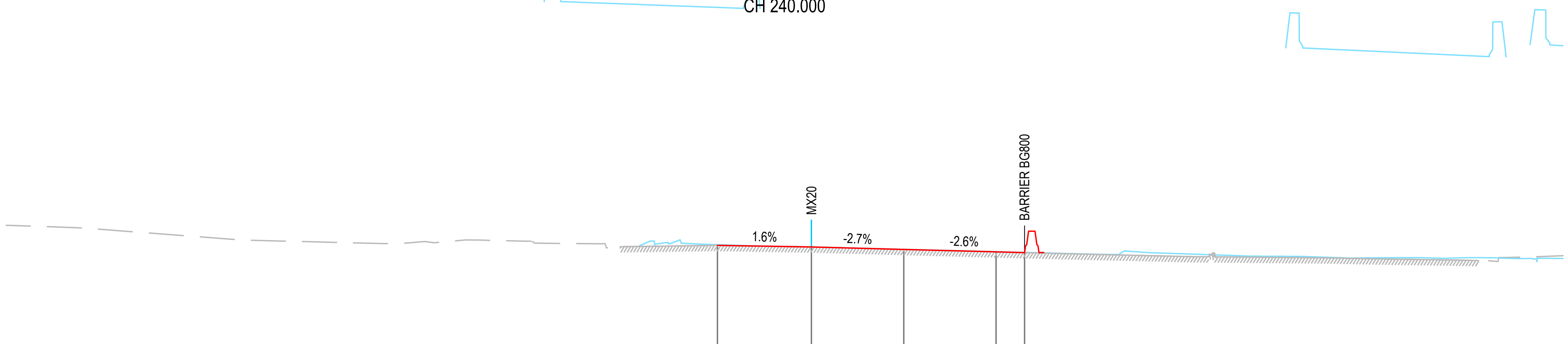
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 0.600

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	4.952	4.861	4.772	4.683	4.653
CUT \ FILL DEPTH	0.001	-0.000	0.000	0.002	0.003
EXISTING LEVELS	4.951	4.861	4.772	4.681	4.650
DESIGN OFFSET	-3.500	0.000	3.500	7.000	8.200

CH 240.000



DATUM 0.700

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.005	4.947	4.855	4.765	4.737
CUT \ FILL DEPTH	-0.000	-0.000	-0.000	0.000	0.000
EXISTING LEVELS	5.005	4.947	4.855	4.765	4.737
DESIGN OFFSET	-3.500	0.000	3.440	6.880	7.940

CH 220.000

NOT FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
			D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56

HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:30 AM

PLOT BY: Kate Mercer

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS

SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

A3

STAGE 3 - SYDNEY GATEWAY MOTORWAY

TRAFFIC STAGING

STAGE 3 TM1 AND TM2

PHASE 1B - CROSS SECTIONS

SHEET 25 OF 29

RMS REGISTRATION No.

PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN

EDMS No.

SHEET No.: CS-3275

ISSUE: D1

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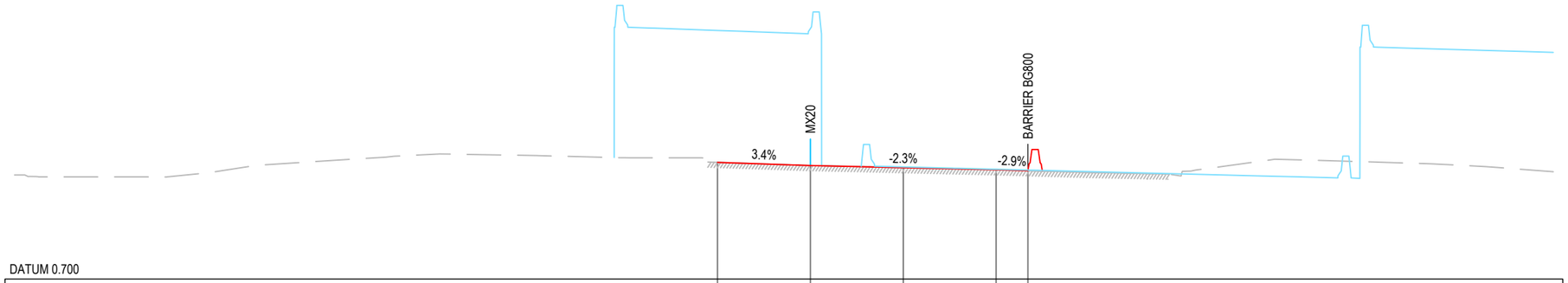
LEGEND

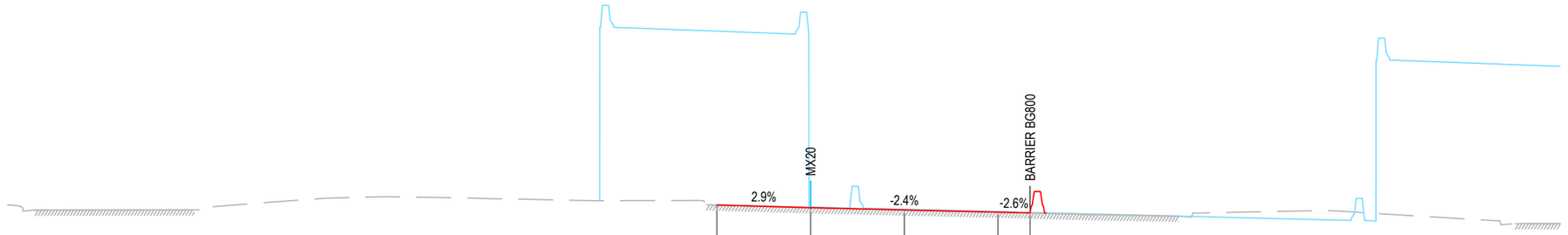
EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.700

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.095	4.977	4.898	4.818	4.783
CUT \ FILL DEPTH	-0.000	0.000	-0.000	-0.000	-0.000
EXISTING LEVELS	5.095	4.977	4.898	4.818	4.783
DESIGN OFFSET	-3.500	0.000	3.500	7.000	8.200

CH 280.000



DATUM 0.700

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.010	4.909	4.826	4.743	4.712
CUT \ FILL DEPTH	0.000	0.000	0.000	-0.000	0.000
EXISTING LEVELS	5.010	4.909	4.826	4.743	4.712
DESIGN OFFSET	-3.500	0.000	3.500	7.000	8.200

CH 260.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:31 AM
PLOT BY: Kate Mercer

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING
SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56
HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY
DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
A3
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
SHEET 26 OF 29
PHASE 1B - CROSS SECTIONS

RMS REGISTRATION No.
PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN
EDMS No.
SHEET No.: CS-3276
ISSUE: D1

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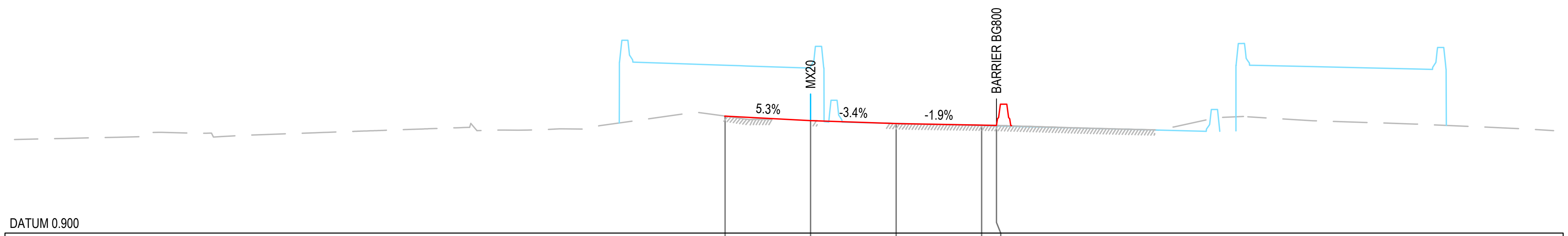
LEGEND

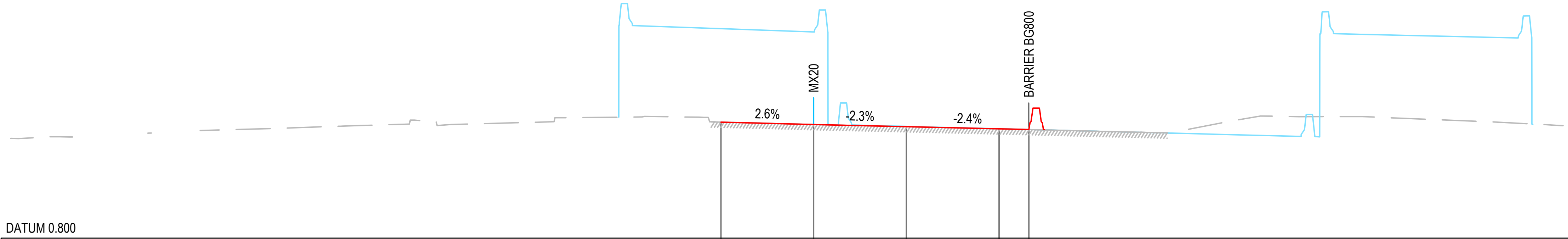
- EXISTING SURFACE
- ULTIMATE DESIGN
- STAGING DESIGN



DATUM 0.900

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.300	5.129	5.018	4.958	4.949
CUT \ FILL DEPTH	0.000		-0.001	-0.001	-0.000
EXISTING LEVELS	5.300		5.019	4.959	4.949
DESIGN OFFSET	-3.224	0.000	3.224	6.448	7.004

CH 320.000



DATUM 0.800

CUT STRINGS	LE20	L12H	L12J	LE2J	ES2J
DESIGN LEVELS	5.133	5.042	4.964	4.882	4.855
CUT \ FILL DEPTH	-0.000	0.000	0.000	0.000	-0.001
EXISTING LEVELS	5.134	5.042	4.964	4.882	4.856
DESIGN OFFSET	-3.464	0.000	3.464	6.928	8.044

CH 300.000

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50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

PLOT DATE / TIME: 15/01/2021 10:02:32 AM | PLOT BY: Kate Mercer

REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
D1	15.01.21	INTERNAL DCD REVIEW		M.YATES

SCALES ON A3 SIZE DRAWING: SCALE 1:100 AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY — DESIGNER: JOHN HOLLAND, SEYMOUR WHYTE, TURNBULL ENGINEERING

TITLE	NAME	DATE
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE

STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
PHASE 1B - CROSS SECTIONS

A3 | SHEET 27 OF 29 | PART

RMS REGISTRATION No.

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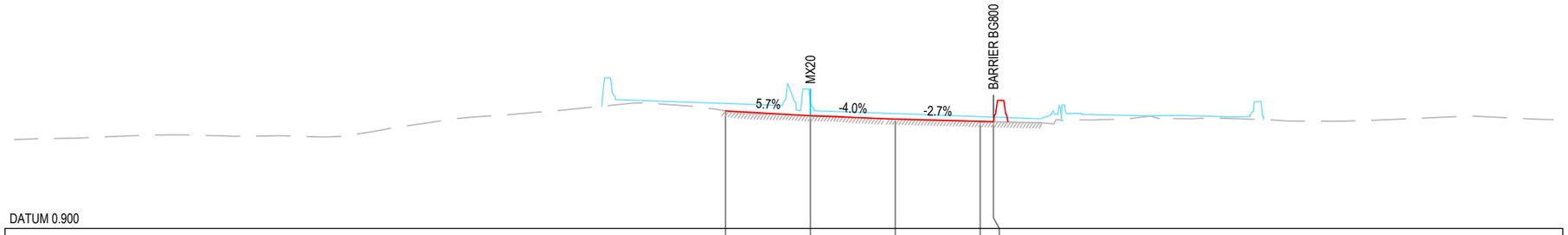
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.900

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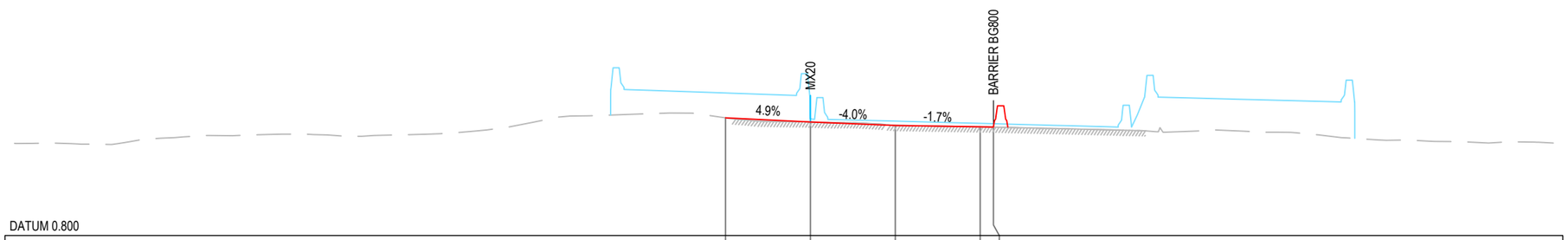
CUT STRINGS					
DESIGN LEVELS	5.320	5.137	5.010	4.924	4.912
CUT \ FILL DEPTH	0.000	0.003	-0.001	0.000	0.001
EXISTING LEVELS	5.320	5.133	5.010	4.924	4.911
DESIGN OFFSET	-3.200	0.000	3.200	6.400	6.900

CH 360.000



DATUM 0.800

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.227	5.071	4.942	4.889	4.880
CUT \ FILL DEPTH	0.000	-0.000	0.000	0.000	-0.000
EXISTING LEVELS	5.227	5.071	4.942	4.889	4.880
DESIGN OFFSET	-3.200	0.000	3.200	6.400	6.900

CH 340.000

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0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50mm ON A3 SIZE ORIGINAL

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DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 | HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME	PLOT BY
15/01/2021 10:02:33 AM	Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
DESIGN	W.LEE	15.01.21
DESIGN CHECK	J.DeWIT	15.01.21
DESIGN MNGR	M.YATES	15.01.21
PROJECT MNGR	M.YATES	15.01.21

CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
SYDNEY GATEWAY - NEW AIRPORT DRIVE AND QANTAS DRIVE
A3
STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
SHEET
PHASE 1B - CROSS SECTIONS
28 OF 29

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No.: CS-3278 | ISSUE: D1

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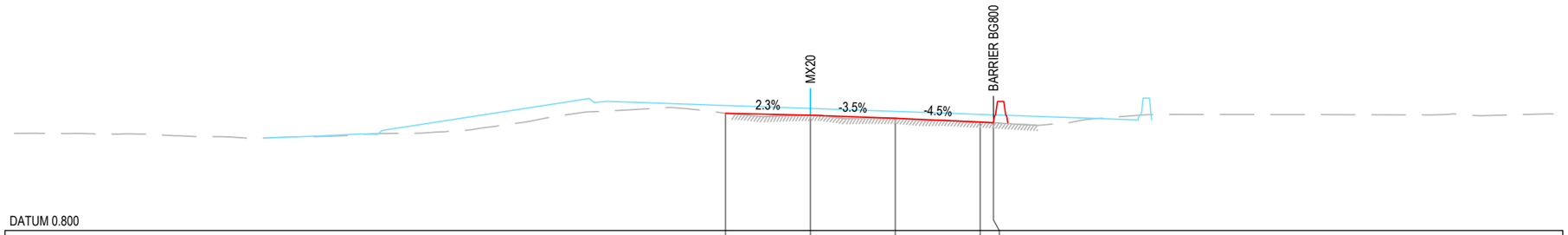
LEGEND

EXISTING SURFACE
ULTIMATE DESIGN
STAGING DESIGN



DATUM 0.800

	LE20	L12H	L12J	LE2J	ES2J
CUT STRINGS					
DESIGN LEVELS	5.208	5.135	5.023	4.878	4.852
CUT \ FILL DEPTH	0.000	0.000	0.000	0.000	0.000
EXISTING LEVELS	5.208	5.135	5.023	4.878	4.852
DESIGN OFFSET	-3.200	0.000	3.200	6.400	6.900

CH 380.000

NOT FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED

0 5 10 15 20 25 30 35 40 45 50mm ON A3 SIZE ORIGINAL

DRAWING FILE LOCATION / NAME: C:\12dS\data\Synergy\0246 Sydney Gateway_78\4. CAD\Drawings\0246-03-CS-3251-3279.dwg

DESIGN LOT CODE

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING

QR CODE	SCAN TO CHECK DOCUMENT VER.	EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
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SCALES ON A3 SIZE DRAWING: SCALE 1:100 (1 0 1 2) AT A3

CO-ORDINATE SYSTEM: MGA ZONE 56 HEIGHT DATUM: AHD

DRAWINGS / DESIGN PREPARED BY

DESIGNER: JOHN HOLLAND | SEYMOUR WHYTE | TURNBULL ENGINEERING

PLOT DATE / TIME: 15/01/2021 10:02:34 AM PLOT BY: Kate Mercer

	NAME	DATE
TITLE		
DRAWN	K.MERCER	15.01.21
DRG CHECK	B.EVANS	15.01.21
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CLIENT: NSW GOVERNMENT Transport Roads & Maritime Services

CITY OF SYDNEY - INNER WEST & BAYSIDE COUNCILS
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STAGE 3 - SYDNEY GATEWAY MOTORWAY
TRAFFIC STAGING
STAGE 3 TM1 AND TM2
SHEET 29 OF 29
PHASE 1B - CROSS SECTIONS

RMS REGISTRATION No. | PART

ISSUE STATUS: DEVELOPED CONCEPT DESIGN | EDMS No. | SHEET No. CS-3279 | ISSUE D1

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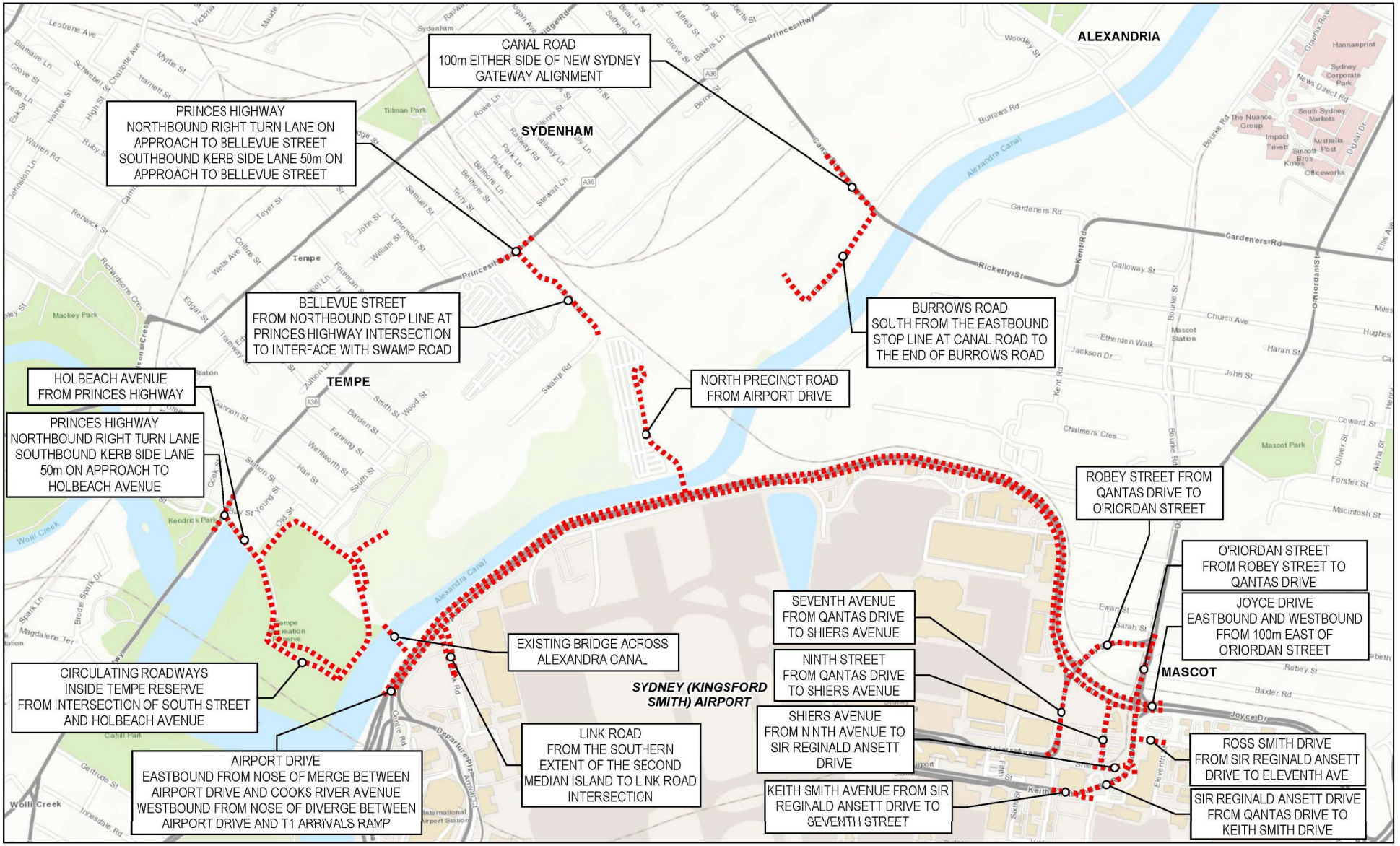
Appendix C Road Maintenance Network



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Scale 1:10,000

Scope of Works and Technical Criteria - Appendix C.6

ESRI Topographic basemap July 2020
Printed:13/08/20

WSP Document Name: Topo_Gateway_NR_20200813

Sensitive: NSW Government