

Urban Design and Landscape Plan

Ring Road Completion
November 2025



Attachment 1:
Architecture and Urban Design



VICTORIA'S
BIG BUILD

Document Control - Revision History

Attachment 1: Architecture and Urban Design

Plan Control and Amendment

Rev. No.	Date	Description of Change	Prepared by
1	25/09/2023	Public Exhibition	AMA / M80-RRA
2	21/12/2023	UDLP Final Submission IEA	AMA / M80-RRA
3	29/01/2024	UDLP Final Submission for Review	AMA / M80-RRA
4	02/08/2024	UDLP Final Submission IEA	AMA / M80-RRA
5	21/08/2024	UDLP Final Submission	AMA / M80-RRA
6	06/09/2025	UDLP Amendment Review	AMA / M80-RRA
7	05/11/2025	UDLP Final Amendment Submission	AMA / M80-RRA

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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REV.	DESCRIPTION	DATE	APPROVED BY	Z.CVITKOVIC	05.11.2025
1	REVISIONS		APPROVALS		
2			DRAWN:	-	
3			SIZE:	A3	
4			SCALE:	As indicated	

Note: * Indicates signed documents as drawings will not have wet signatures.

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PROJECT CONTRACT:
NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-ARC1

SUIT. CODE
6

DOT No.:

NORTH EAST LINK PROGRAM
ATTACHMENT 1:
ARCHITECTURE AND URBAN DESIGN
DOCUMENT CONTROL

North East Link Program

Overview

Pursuant to Clause 4.9.2(b) of the Incorporated Document, Attachment 1 contains architecture and urban design plans, including sections and elevations, with materials and finishes associated with the Ring Road Completion.

The architecture and urban design plans accompany this UDLR to support and demonstrate the design's compliance with key elements of the Urban Design Strategy, including Objective 1.5: Architectural contribution and Objective 3.2: Integration of design.

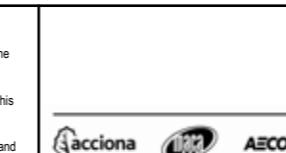
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REV.	DESCRIPTION	DATE	APPROVED BY	Z.CVITKOVIC	05.11.2025
6	UDLP FINAL AMENDMENT SUBMISSION	05.11.2025	DRAFTING CHECKED BY	L.ANDERSON	05.11.2025
5	UDLP AMENDMENT REVIEW	06.09.2025			
4	UDLP FINAL SUBMISSION	29.04.2024	DESIGNED BY	M.SPYROPOULOS	05.11.2025
3	UDLP FINAL SUBMISSION FOR REVIEW	29.01.2024	ENGINEERING CHECKED BY	E.CASTILLO	05.11.2025
2	UDLP FINAL SUBMISSION IEA	21.12.2023	VERIFIED BY	R.WOODS	05.11.2025
1	PUBLIC EXHIBITION	25.09.2023			
	REVISIONS				

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PROJECT CONTRACT:
NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-ARC2
SUIT. CODE
REVISION
6

Architecture and Urban Design Plan List

Attachment 1: Architecture and Urban Design Plan List

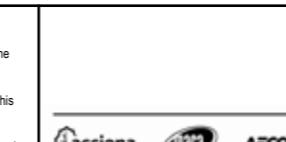
Drawing Number	Location
NEL-NTH-NNA-3900-EPU-DRG-1000	Cover Page
NEL-NTH-NNA-3900-EPU-DRG-1001	Drawing List and Legend
NEL-NTH-NNA-3900-EPU-DRG-1002	Site Plan and Context
NEL-NTH-NNA-3900-EPU-DRG-1003	Material Schedule
NEL-NTH-NNA-3900-EPU-DRG-1101	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1102	General Arrangement Plans - Zone 1A - M80 Ring Road
NEL-NTH-NNA-3900-EPU-DRG-1103	General Arrangement Plans - Zone 1B - M80 Ring Road
NEL-NTH-NNA-3900-EPU-DRG-1104	General Arrangement Plans - Zone 1C - M80 Ring Road
NEL-NTH-NNA-3900-EPU-DRG-1105	General Arrangement Plans - Zone 1D - M80 Ring Road
NEL-NTH-NNA-3900-EPU-DRG-1106	General Arrangement Plans - Zone 2A - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1107	General Arrangement Plans - Zone 2B - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1108	General Arrangement Plans - Zone 3A - Greensborough
NEL-NTH-NNA-3900-EPU-DRG-1109	General Arrangement Plans - Zone 3B - Greensborough
NEL-NTH-NNA-3900-EPU-DRG-1110	General Arrangement Plans - Zone 4 - Watsonia Precinct
NEL-NTH-NNA-3900-EPU-DRG-1201	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1202	Sections - Zone 1 - M80 Ring Road
NEL-NTH-NNA-3900-EPU-DRG-1203	Sections - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1204	Sections - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1205	Sections - Zone 3 - Greensborough Road
NEL-NTH-NNA-3900-EPU-DRG-1206	Sections - Zone 4 - Watsonia Precinct
NEL-NTH-NNA-3900-EPU-DRG-1207	Sections - Zone 4 - Watsonia Precinct
NEL-NTH-NNA-3900-EPU-DRG-1208	Sections - Zone 4 - Watsonia Precinct

Drawing Number	Location
NEL-NTH-NNA-3900-EPU-DRG-1209	Sections - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1210	Sections - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1211	Sections - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1212	Sections - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1213	Sections - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1214	Sections - Zone 3 - Greensborough Road
NEL-NTH-NNA-3900-EPU-DRG-1215	Sections - Zone 3 - Greensborough Road
NEL-NTH-NNA-3900-EPU-DRG-1216	Sections - Zone 4 - Watsonia Precinct
NEL-NTH-NNA-3900-EPU-DRG-1251	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1252	Elevations - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1253	Elevations - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1254	Elevations - Zone 2 - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1255	Elevations - Zone 3 - Greensborough Road
NEL-NTH-NNA-3900-EPU-DRG-1256	Elevations - Zone 3 - Greensborough Road
NEL-NTH-NNA-3900-EPU-DRG-1257	Elevations - Zone 3 - Greensborough Road
NEL-NTH-NNA-3900-EPU-DRG-1258	Elevations - Zone 3 - Greensborough Road

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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REV.	DESCRIPTION	REVISIONS
6	UDLP FINAL AMENDMENT SUBMISSION	05.1
5	UDLP AMENDMENT REVIEW	06.0
4	UDLP FINAL SUBMISSION	29.0
3	UDLP FINAL SUBMISSION FOR REVIEW	29.0
2	UDLP FINAL SUBMISSION IEA	21.12
1	PUBLIC EXHIBITION	25.0



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NORTH EAST LINK PROGRAM
ATTACHMENT 1:
ARCHITECTURE AND URBAN DESIGN
PLAN LIST 1

ATTACHMENT 1:
ARCHITECTURE AND URBAN DESIGN
PLAN LIST 1

JECT CONTR
ORTH

PLAN LIST 1

UNIT. CODE REV. ()

Architecture and Urban Design Plan List

Attachment 1: Architecture and Urban Design Plan List - continued

Drawing Number	Location
NEL-NTH-NNA-3900-EPU-DRG-1301	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1302	General Arrangement Plan - M80 Incident Response Bay
NEL-NTH-NNA-3900-EPU-DRG-1401	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1402	General Arrangement Plans - Macorna Street Shared Use Path Bridge
NEL-NTH-NNA-3900-EPU-DRG-1403	Sections - Macorna Street Shared Use Path Bridge
NEL-NTH-NNA-3900-EPU-DRG-1404	Elevations - Macorna Street Shared Use Path Bridge
NEL-NTH-NNA-3900-EPU-DRG-1405	Section - Macorna Street North Shared Use Path
NEL-NTH-NNA-3900-EPU-DRG-1406	Elevations - Macorna Street North Shared Use Path Bridge
NEL-NTH-NNA-3900-EPU-DRG-1407	Sections - Macorna Street South Shared Use Path Undercroft
NEL-NTH-NNA-3900-EPU-DRG-1408	Sections - Macorna Street South Shared Use Path Undercroft
NEL-NTH-NNA-3900-EPU-DRG-1409	Elevation - Macorna Street South Shared Use Path Undercroft
NEL-NTH-NNA-3900-EPU-DRG-1410	General Arrangement Plans - M80 Interchange Sheet 1
NEL-NTH-NNA-3900-EPU-DRG-1411	General Arrangement Plans - M80 Interchange Sheet 2
NEL-NTH-NNA-3900-EPU-DRG-1412	Section - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1413	Elevation - M80 Interchange
NEL-NTH-NNA-3900-EPU-DRG-1414	General Arrangement Plan - Yando Street Underpass
NEL-NTH-NNA-3900-EPU-DRG-1415	Section - Yando Street Underpass
NEL-NTH-NNA-3900-EPU-DRG-1416	Elevation - Yando Street Underpass

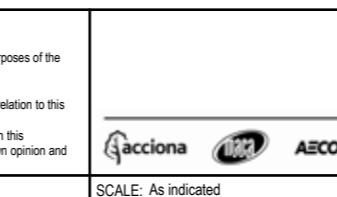
Drawing Number	Location
NEL-NTH-NNA-3900-EPU-DRG-1501	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1502	General Arrangement Plans - Kempston Street Underpass
NEL-NTH-NNA-3900-EPU-DRG-1503	Section - Kempston Street Underpass
NEL-NTH-NNA-3900-EPU-DRG-1504	Elevation - Kempston Street Underpass
NEL-NTH-NNA-3900-EPU-DRG-1505	General Arrangement Plan - Grimshaw Street Interchange
NEL-NTH-NNA-3900-EPU-DRG-1506	General Arrangement Plan - Grimshaw Street East Underpass
NEL-NTH-NNA-3900-EPU-DRG-1507	Section - Grimshaw Street East Underpass
NEL-NTH-NNA-3900-EPU-DRG-1508	Elevations - Grimshaw Street East Underpass
NEL-NTH-NNA-3900-EPU-DRG-1509	General Arrangement Plan - Grimshaw Street West Underpass
NEL-NTH-NNA-3900-EPU-DRG-1510	Section - Grimshaw Street West Underpass
NEL-NTH-NNA-3900-EPU-DRG-1511	Elevations - Grimshaw Street West Underpass
NEL-NTH-NNA-3900-EPU-DRG-1512	General Arrangement Plan - Greensborough Incident Response Bay
NEL-NTH-NNA-3900-EPU-DRG-1513	General Arrangement Plan - Nell Street Shared Use Path Bridge
NEL-NTH-NNA-3900-EPU-DRG-1514	Sections - Nell Street Shared Use Path Bridge
NEL-NTH-NNA-3900-EPU-DRG-1515	Elevation - Nell Street Shared Use Path Bridge
NEL-NTH-NNA-3900-EPU-DRG-1516	Section - Nell Street East Shared Use Path Undercroft
NEL-NTH-NNA-3900-EPU-DRG-1517	Elevations - Nell Street East Shared Use Path Undercroft
NEL-NTH-NNA-3900-EPU-DRG-1518	Sections - Nell Street West Shared Use Path Undercroft
NEL-NTH-NNA-3900-EPU-DRG-1519	Elevations - Nell Street West Shared Use Path Undercroft

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REV.	DESCRIPTION	DATE
6	UDLP FINAL AMENDMENT SUBMISSION	05.11.2025
5	UDLP AMENDMENT REVIEW	06.09.2025
4	UDLP FINAL SUBMISSION	29.04.2024
3	UDLP FINAL SUBMISSION FOR REVIEW	29.01.2024
2	UDLP FINAL SUBMISSION IEA	21.12.2023
1	PUBLIC EXHIBITION	25.09.2023

APPROVED BY	Z.CVITKOVIC	05.11.2025
REV.	APPROVALS	DRAWN: -



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PROJECT CONTRACT:	NELP DRAWING No.:	SUIT. CODE	REVISION
NORTH	NEL-NTH-NNA-3900-EPU-DRG-ARC3		6

DOT No.:

NORTH EAST LINK PROGRAM
ATTACHMENT 1:
ARCHITECTURE AND URBAN DESIGN
PLAN LIST 1

Architecture and Urban Design Plan List

Attachment 1: Architecture and Urban Design Plan List - continued

Drawing Number	Location
NEL-NTH-NNA-3900-EPU-DRG-1601	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1602	General Arrangement and Elevations - Greensborough Road Rail Tunnel
NEL-NTH-NNA-3900-EPU-DRG-1603	General Arrangement Plan - Hurstbridge Rail Tunnel Services
NEL-NTH-NNA-3900-EPU-DRG-1604	General Arrangement Plan - Elder Street Land Bridge
NEL-NTH-NNA-3900-EPU-DRG-1605	Elevation and Section - Elder Street Land Bridge
NEL-NTH-NNA-3900-EPU-DRG-1606	General Arrangement Plan - Rasheda Street
NEL-NTH-NNA-3900-EPU-DRG-1607	Elevations - Rasheda Street
NEL-NTH-NNA-3900-EPU-DRG-1608	General Arrangement Plan - Watsonia Road Land Bridge
NEL-NTH-NNA-3900-EPU-DRG-1609	Elevation - Watsonia Road Land Bridge
NEL-NTH-NNA-3900-EPU-DRG-1610	Elevation - Watsonia Road Land Bridge
NEL-NTH-NNA-3900-EPU-DRG-1701	Locality Plan
NEL-NTH-NNA-3900-EPU-DRG-1702	Road Infrastructure Plans - Zone 1A
NEL-NTH-NNA-3900-EPU-DRG-1703	Road Infrastructure Plans - Zone 1B
NEL-NTH-NNA-3900-EPU-DRG-1704	Road Infrastructure Plans - Zone 1C
NEL-NTH-NNA-3900-EPU-DRG-1705	Road Infrastructure Plans - Zone 1D
NEL-NTH-NNA-3900-EPU-DRG-1706	Road Infrastructure Plans - Zone 2A
NEL-NTH-NNA-3900-EPU-DRG-1707	Road Infrastructure Plans - Zone 2B
NEL-NTH-NNA-3900-EPU-DRG-1708	Road Infrastructure Plans - Zone 3A
NEL-NTH-NNA-3900-EPU-DRG-1709	Road Infrastructure Plans - Zone 3B
NEL-NTH-NNA-3900-EPU-DRG-1710	Road Infrastructure Plans - Zone 4
NEL-NTH-NNA-3900-EPU-DRG-1711	Noise Wall Types
NEL-NTH-NNA-3900-EPU-DRG-1712	Noise Wall Types
NEL-NTH-NNA-3900-EPU-DRG-1713	Elevations - Noise Wall Types

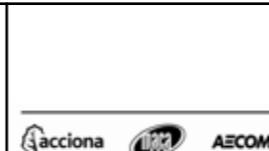
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NEL-NTH-NNA-3900-EPU-DRG-1721	Retaining Wall Types - Sheet 01
NEL-NTH-NNA-3900-EPU-DRG-1722	Retaining Wall Types - Sheet 02
NEL-NTH-NNA-3900-EPU-DRG-1731	Flood Wal Typesl - Sheet 01
NEL-NTH-NNA-3900-EPU-DRG-1741	Screen Types - Sheet 01
NEL-NTH-NNA-3900-EPU-DRG-1751	Bridge Barrier Types - Sheet 01
NEL-NTH-NNA-3900-EPU-DRG-1752	Bridge Barrier Types - Sheet 02
NEL-NTH-NNA-3900-EPU-DRG-1753	Bridge Barrier Types - Sheet 03
NEL-NTH-NNA-3900-EPU-DRG-1761	Gantry Types - Sheet 01
NEL-NTH-NNA-3900-EPU-DRG-1762	Gantry Types - Sheet 02
NEL-NTH-NNA-3900-EPU-DRG-1771	Pier Types - Sheet 01
NEL-NTH-NNA-3900-EPU-DRG-1781	Fence Types - Types 01

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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REV.	DESCRIPTION	DATE	APPROVED BY	NAME	DATE	NELP DISCLAIMER
6	UDLP FINAL AMENDMENT SUBMISSION	05.11.2025	DRAFTING CHECKED BY	L.ANDERSON	05.11.2025	Conditions of Use. This Document has been developed for the purposes of the North East Link Project. Recipients of this document: - are subject to obligations of confidentiality in relation to this document; and - may not rely upon the information contained in this document, and must rely absolutely on their own opinion and professional advice.
5	UDLP AMENDMENT REVIEW	06.09.2025		M.SPYROPOULOS	05.11.2025	
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1	PUBLIC EXHIBITION	25.09.2023				
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PROJECT CONTRACT: NORTH

NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-ARC4

SUIT. CODE 6

NORTH EAST LINK PROGRAM
ATTACHMENT 1:
ARCHITECTURE AND URBAN DESIGN
PLAN LIST 2

DOT No.:

NORTH EAST LINK RING ROAD COMPLETION UDL

ATTACHMENT 1 - ARCHITECTURE AND URBAN DESIGN

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING	M. FERNANDO	05/11/25
3	UDLP REVIEW 1	29/01/24	CHECKED BY	L. ANDERSON	05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY		
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

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	REVISIONS										7

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
INITIAL PAGES
COVER PAGE



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PROJECT CONTRACT:

NORTH

NELP DRAWING No.:

NEL-NTH-NNA-3900-EPU-DRG-1000

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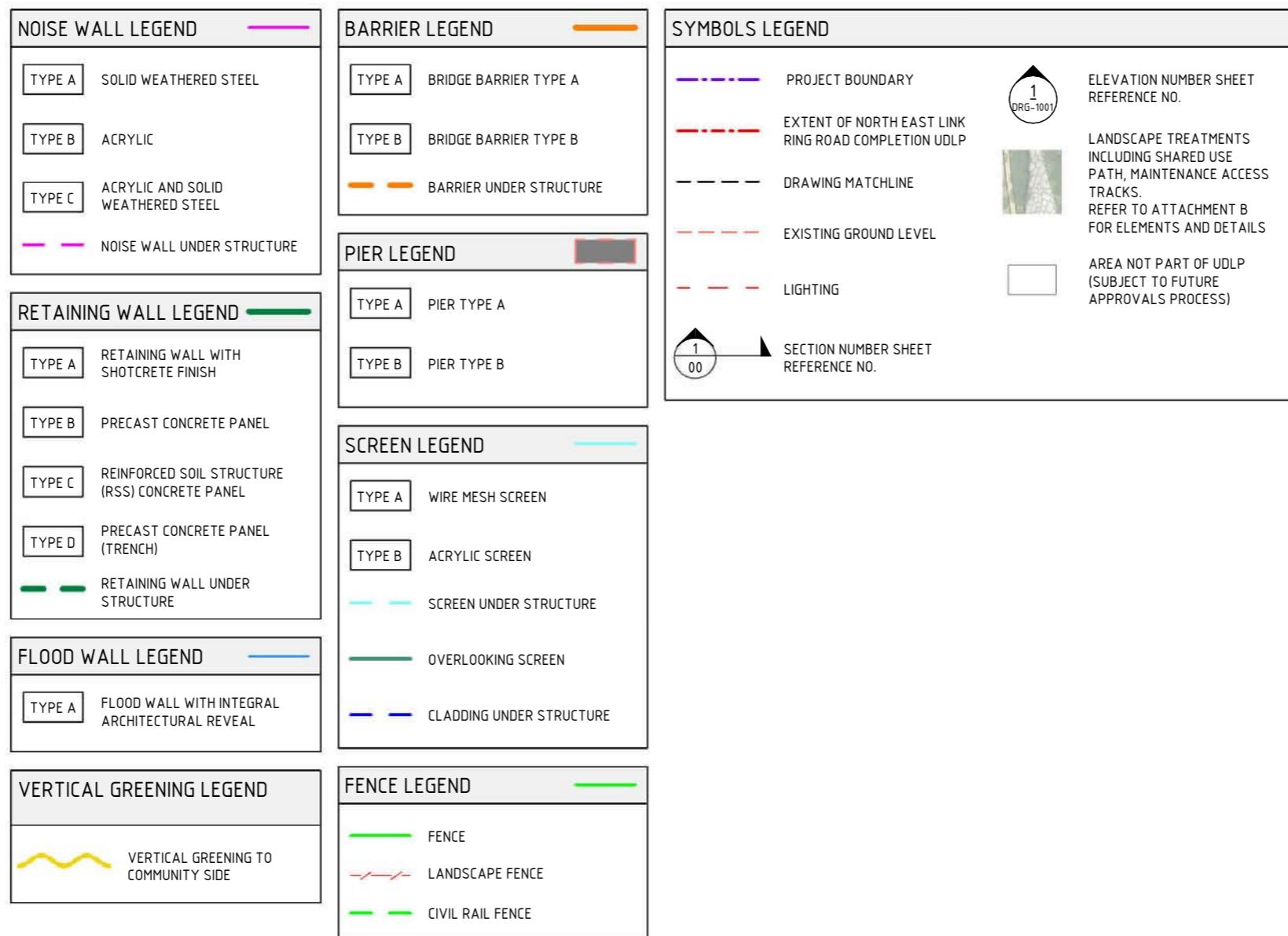
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ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN

DRAWING LIST

- 1000 - INITIAL PAGES
- 1100 - ZONE PLANS
- 1200 - URBAN DESIGN SECTIONS
- 1250 - URBAN DESIGN ELEVATIONS
- 1300 - ZONE 1 M80 RING ROAD
- 1400 - ZONE 2 M80 INTERCHANGE
- 1500 - ZONE 3 GREENSBOROUGH ROAD
- 1600 - ZONE 4 WATSONIA PRECINCT
- 1700 - ROAD INFRASTRUCTURE

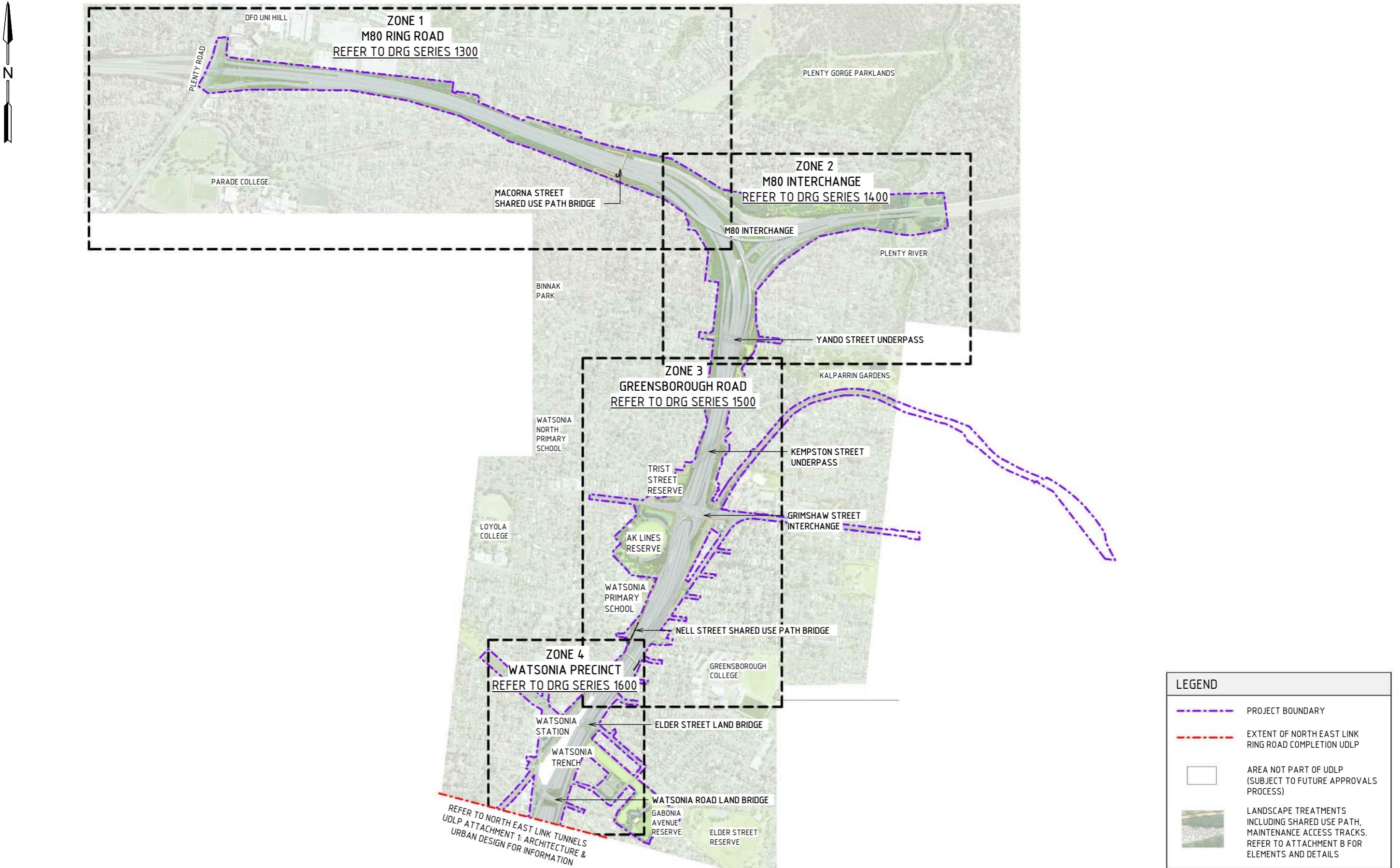
LEGEND



DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24			
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REV.	DESCRIPTION	DATE	APPROVED BY	Z. CVITKOVIC	05/11/25
	REVISIONS				



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REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: 1:15000	CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nvt	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1002	SUIT. CODE	REVISION
	REVISIONS										7

LOCALITY PLAN

SCALE 1: 15000

1:15000



DOT No.:

LEGEND

- PROJECT BOUNDARY (Purple dashed line)
- EXTENT OF NORTH EAST LINK RING ROAD COMPLETION UDL (Red dashed line)
- AREA NOT PART OF UDL (SUBJECT TO FUTURE APPROVALS PROCESS) (White box)
- LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS. REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS (Green box)

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
INITIAL PAGES
SITE PLAN AND CONTEXT



Security Classification: OFFICIAL: Sensitive

PROJECT CONTRACT:

NORTH

NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1002

SUIT. CODE

7

MATERIAL SCHEDULE

ACRYLIC FINISHES

A-01	TRANSPARENT TINTED ACRYLIC PANEL
	TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.



OL-01 TRANSLUCENT TINTED ACRYLIC OR PERFORATED STEEL PANEL

OL-01	TRANSLUCENT TINTED ACRYLIC OR PERFORATED STEEL PANEL
	TRANSLUCENT TINTED ACRYLIC PANEL. INTEGRATED POLYIMIDE OR PERFORATED STAINLESS STEEL PANEL TO CUSTOM MANUFACTURED SHAPES. MATERIAL AND EXTENT OF APPLICATION ARE TO BE FINALISED IN DESIGN DEVELOPMENT PHASE IN CONSULTATION WITH DIRECTLY IMPACTED PROPERTIES.



METAL FINISHES

M-02	SOLID ALUMINIUM PANEL
	SOLID ALUMINIUM PANEL TO CUSTOM ARCHITECTURAL PROFILE WITH SATIN PVDF FINISH, IN CUSTOM COLOURS. FULL HEIGHT CLEAR NON SACRIFICIAL, NON-FILM FORMING COATING. NOTE- TO MATCH TUNNELS UDL



M-03	WEATHERING STEEL
	WEATHERING STEEL



M-04	PERFORATED WEATHERING STEEL
	CUSTOM PATTERN PERFORATED WEATHERING STEEL



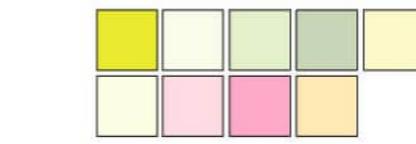
M-05	PERFORATED ALUMINIUM PANELS
	PERFORATED ALUMINIUM PANEL TO CUSTOM ARCHITECTURAL PROFILE WITH SATIN PVDF FINISH, IN CUSTOM COLOURS. FULL HEIGHT CLEAR NON SACRIFICIAL, NON-FILM FORMING COATING.

MESH FINISHES

MS-01	WIRE MESH PROTECTION SCREEN
	WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.

MS-02 WIRE MESH PROTECTION SCREEN WITH PVDF FINISH IN CUSTOM COLOURS

MS-02	WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. PVDF FINISH IN CUSTOM COLOURS.
	WIRE MESH PROTECTION SCREEN WITH PVDF FINISH IN CUSTOM COLOURS

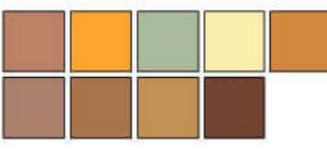


PAINT FINISHES

P-01	PAINT OVER STEEL - TYPE 01
	PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



P-02	PAINT OVER STEEL - TYPE 02
	PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



P-03	PAINT OVER CONCRETE - TYPE 01
	PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.



CONCRETE FINISHES

C-01	CONCRETE WITH INTEGRAL FINISH
	CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.

C-02 SHOTCRETE

SHOTCRETE FINISH.

C-03	PRECAST CONCRETE (TRENCH)
	PRECAST CONCRETE TEXTURED PANEL WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE WITH OXIDE COLOUR. NOTE- TO MATCH TUNNELS UDL



DECKING FINISHES

D-01	GLASS FIBRE REINFORCED POLYMER DECK
	GLASS FIBRE REINFORCED POLYMER DECK WITH APPROVED COLOUR AND TEXTURE WEARING SURFACE.



LIGHTING

L-01	LIGHTING
	LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE.

HANDRAIL FINISHES

H-01	STAINLESS STEEL HANDRAIL
	CONTINUOUS HANDRAIL, 316 STAINLESS STEEL FINISH. 50mm DIAMETER.

ROCK BATTER

R-01	NATURAL ROCK BATTER
	ROCK BEACHING

ROCK BEACHING TREATMENT

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENTS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN

INITIAL PAGES

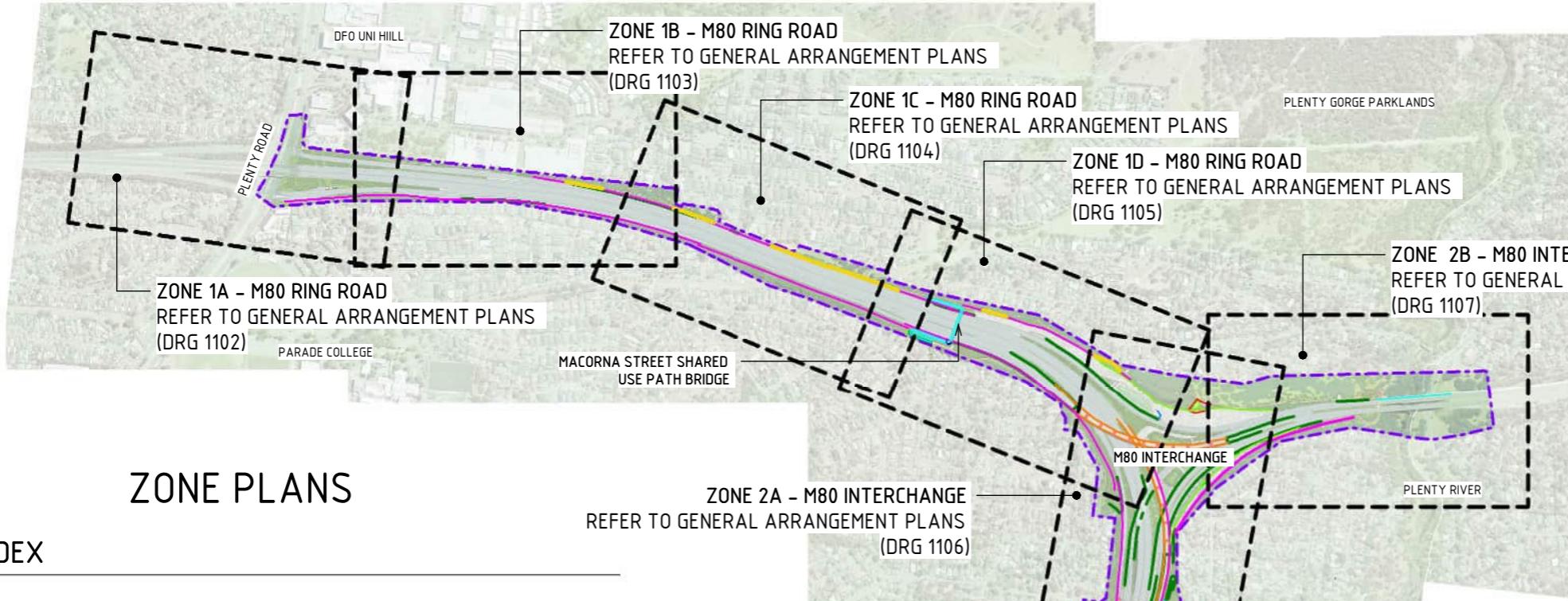
MATERIAL SCHEDULE

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ZONE PLANS

DRAWING INDEX

DRAWING NAME	SHEET NAME
LOCALITY PLAN	NEL-NTH-NNA-3900-EPU-DRG-1101
GENERAL ARRANGEMENT PLANS - ZONE 1A - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1102
GENERAL ARRANGEMENT PLANS - ZONE 1B - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1103
GENERAL ARRANGEMENT PLANS - ZONE 1C - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1104
GENERAL ARRANGEMENT PLANS - ZONE 1D - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1105
GENERAL ARRANGEMENT PLANS - ZONE 2A - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1106
GENERAL ARRANGEMENT PLANS - ZONE 2B - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1107
GENERAL ARRANGEMENT PLANS - ZONE 3A - GREENSBOROUGH ROAD	NEL-NTH-NNA-3900-EPU-DRG-1108
GENERAL ARRANGEMENT PLANS - ZONE 3B - GREENSBOROUGH ROAD	NEL-NTH-NNA-3900-EPU-DRG-1109
GENERAL ARRANGEMENT PLANS - ZONE 4 - WATSONIA PRECINCT	NEL-NTH-NNA-3900-EPU-DRG-1110

LOCALITY PLAN

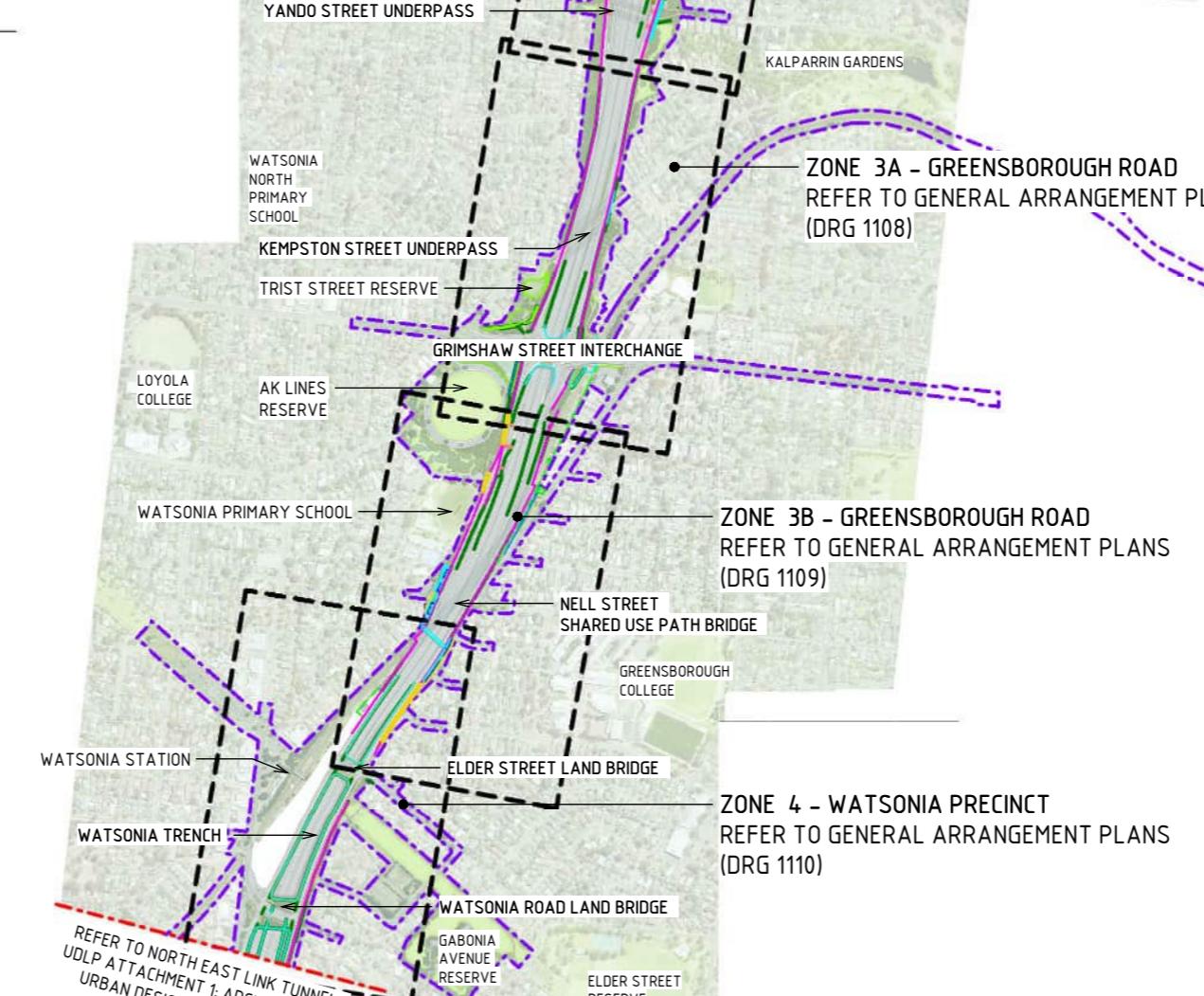
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REFER TO NORTHEAST LINK TUNNELS
UDLP ATTACHMENT 1: ARCHITECTURE &
URBAN DESIGN FOR INFORMATION

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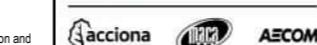
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE PLANS
LOCALITY PLAN

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GENERAL ARRANGEMENT PLAN - ZONE 1A
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE PLANS
GENERAL ARRANGEMENT PLAN - ZONE 1A



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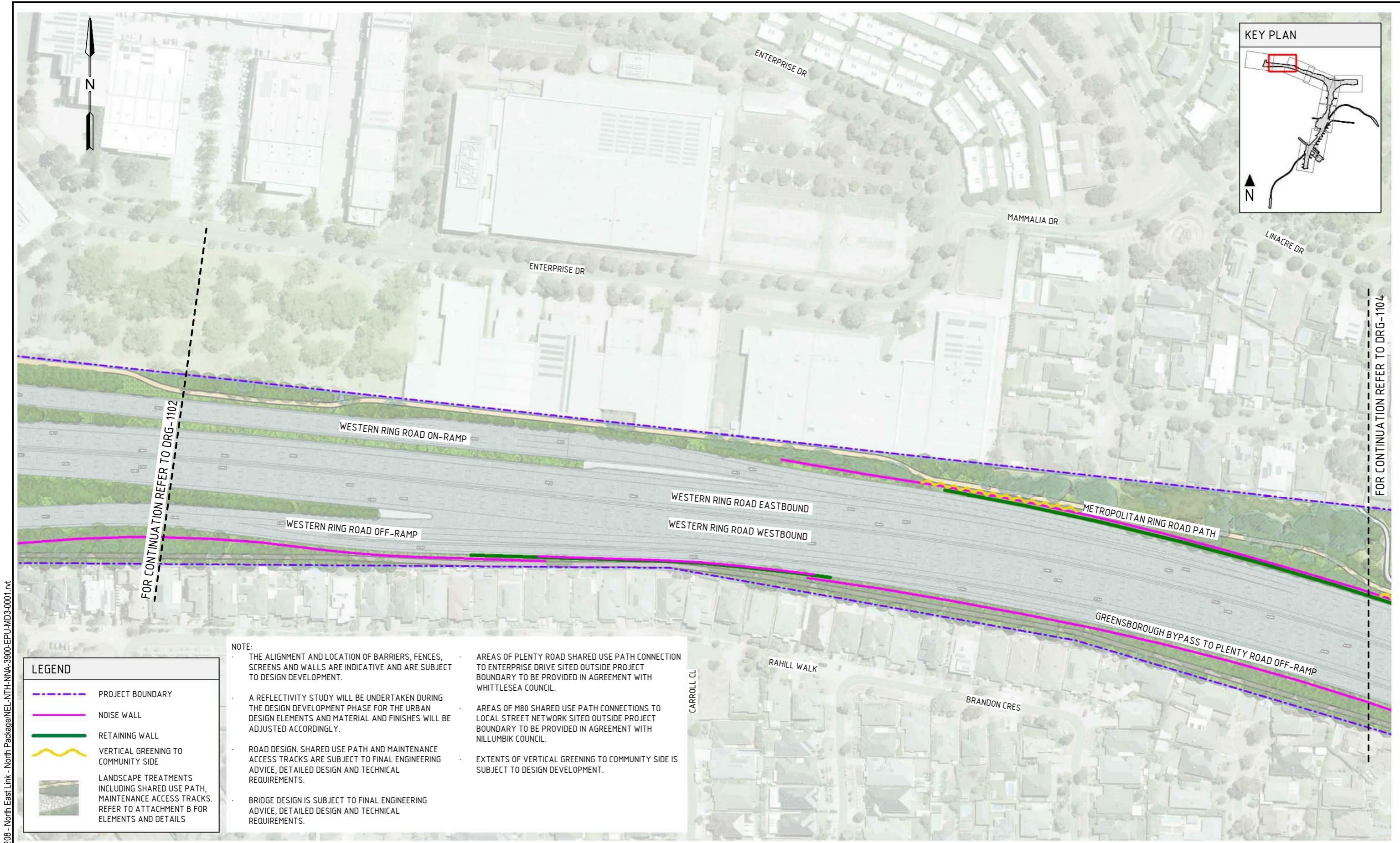
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GENERAL ARRANGEMENT PLAN - ZONE 1B

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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
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ZONE PLANS
GENERAL ARRANGEMENT PLAN - ZONE 1B



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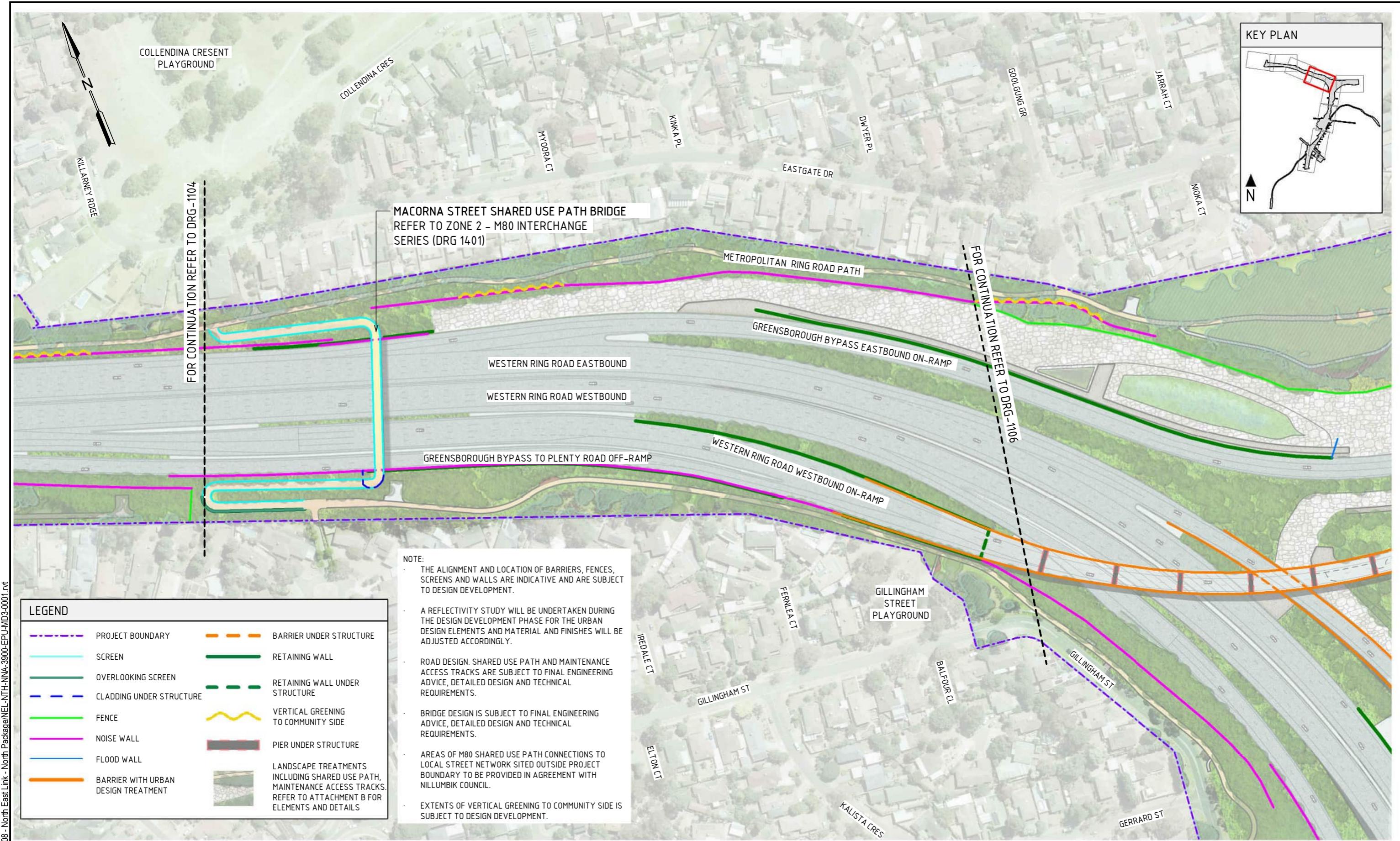
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RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE PLANS
GENERAL ARRANGEMENT PLAN - ZONE 1C

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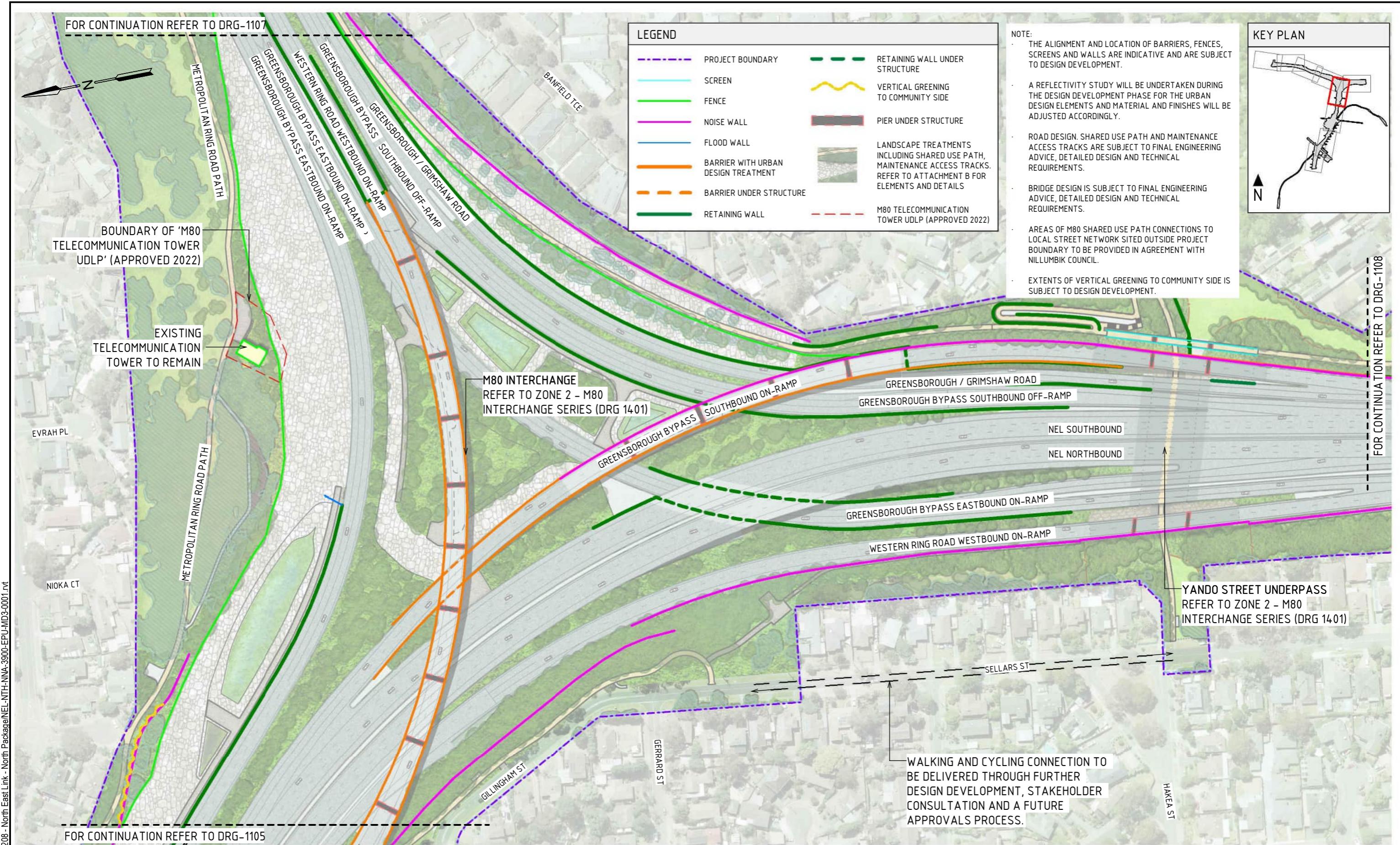
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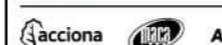
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ZONE PLANS
GENERAL ARRANGEMENT PLAN - ZONE 1D



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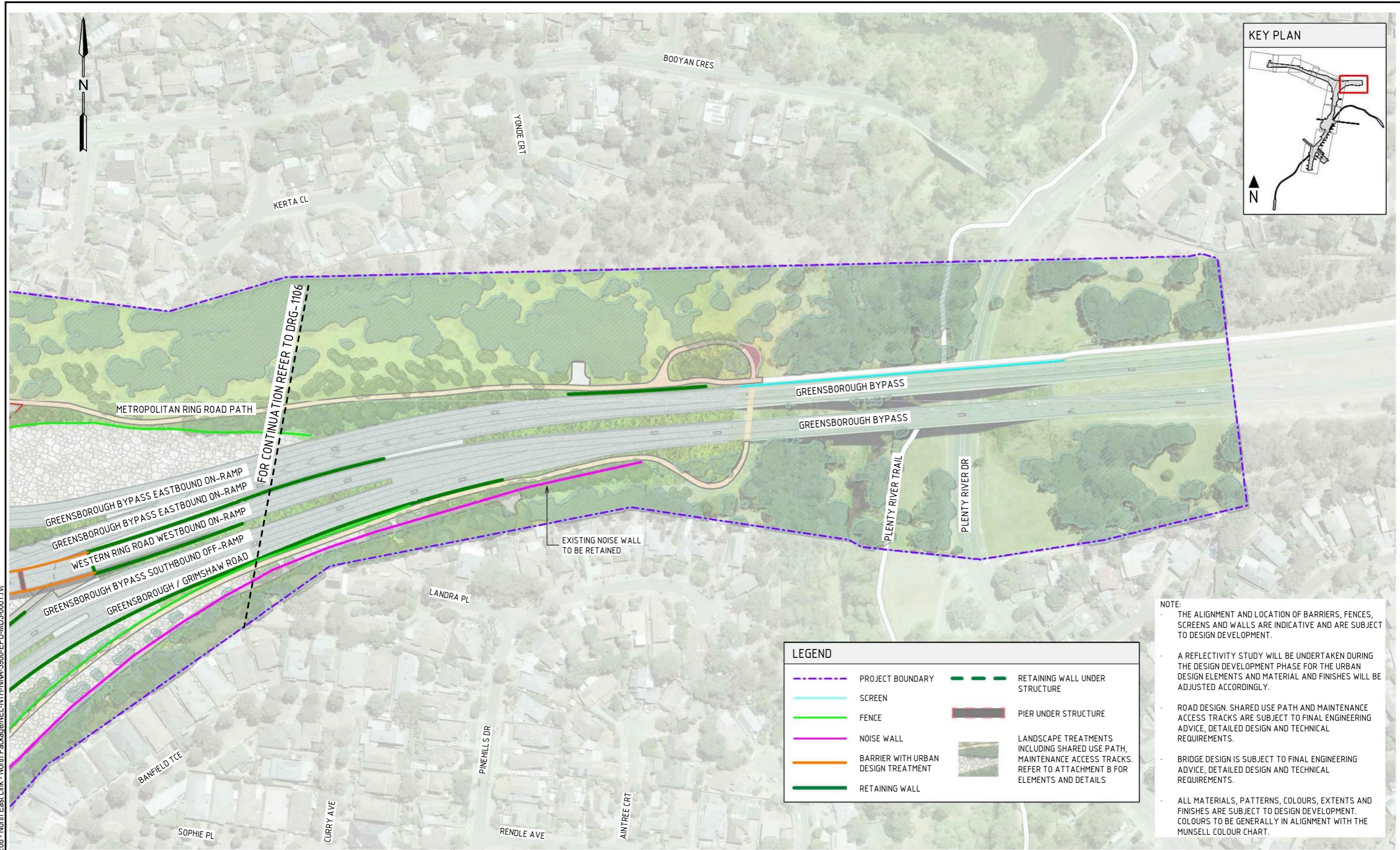


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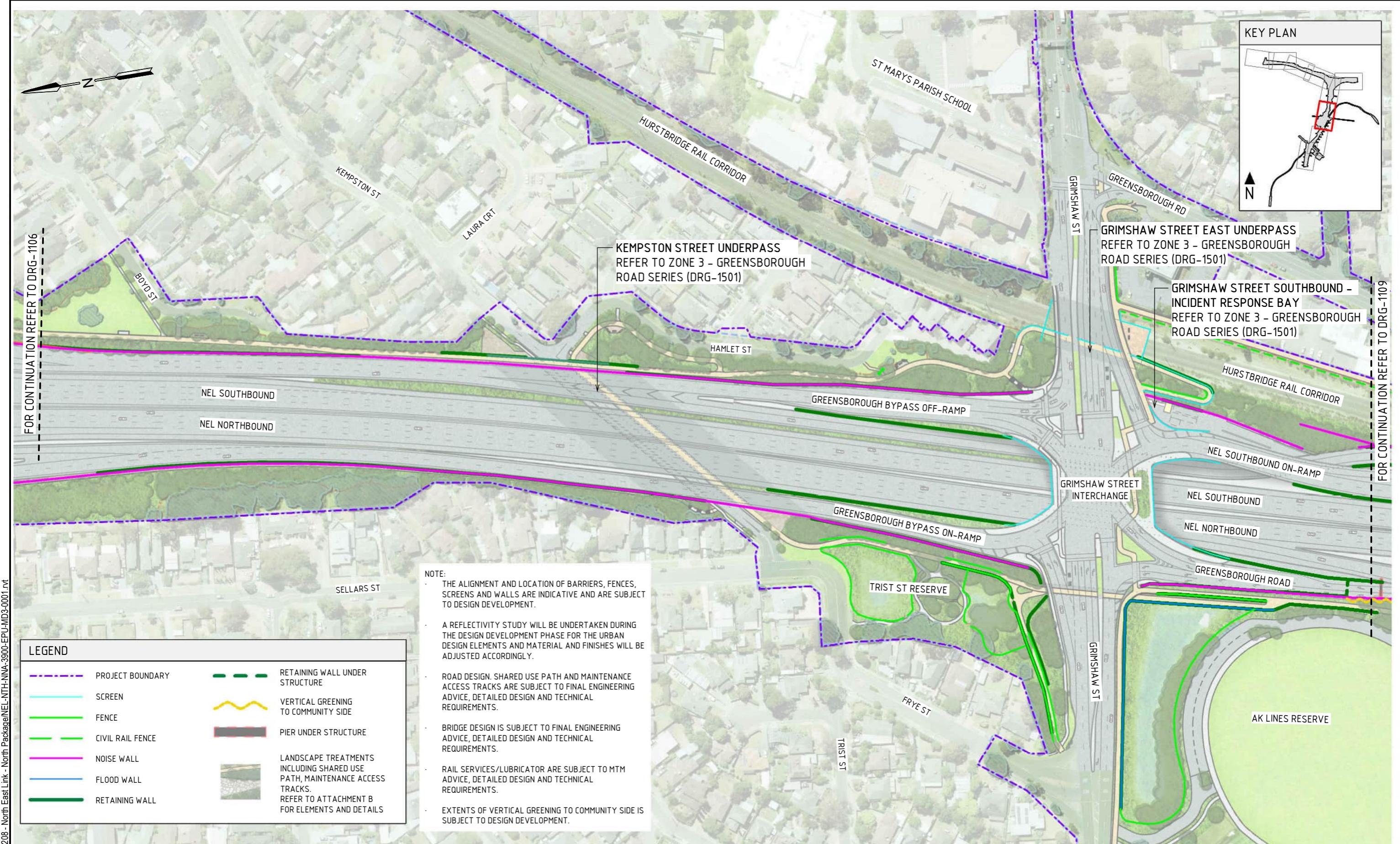
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RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE PLANS
GENERAL ARRANGEMENT PLAN - ZONE 2A
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REVISION
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GENERAL ARRANGEMENT PLAN - ZONE 2B				NORTH EAST LINK PROGRAM			
SCALE 1:2000				RING ROAD COMPLETION			
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GENERAL ARRANGEMENT PLAN - ZONE 3A

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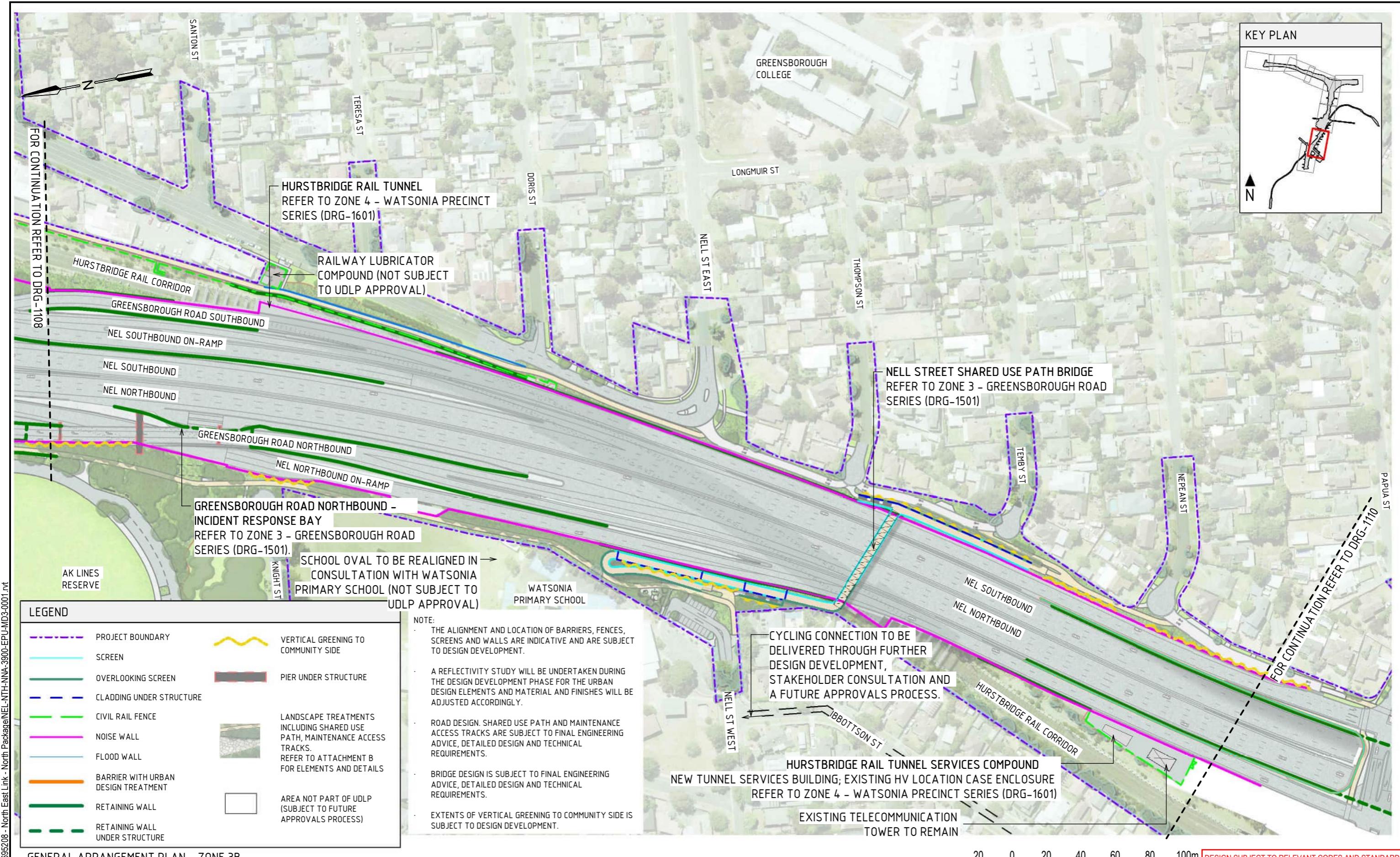
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NORTH EAST LINK PROGRAM
 RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE PLANS
GENERAL ARRANGEMENT PLAN - ZONE 3A

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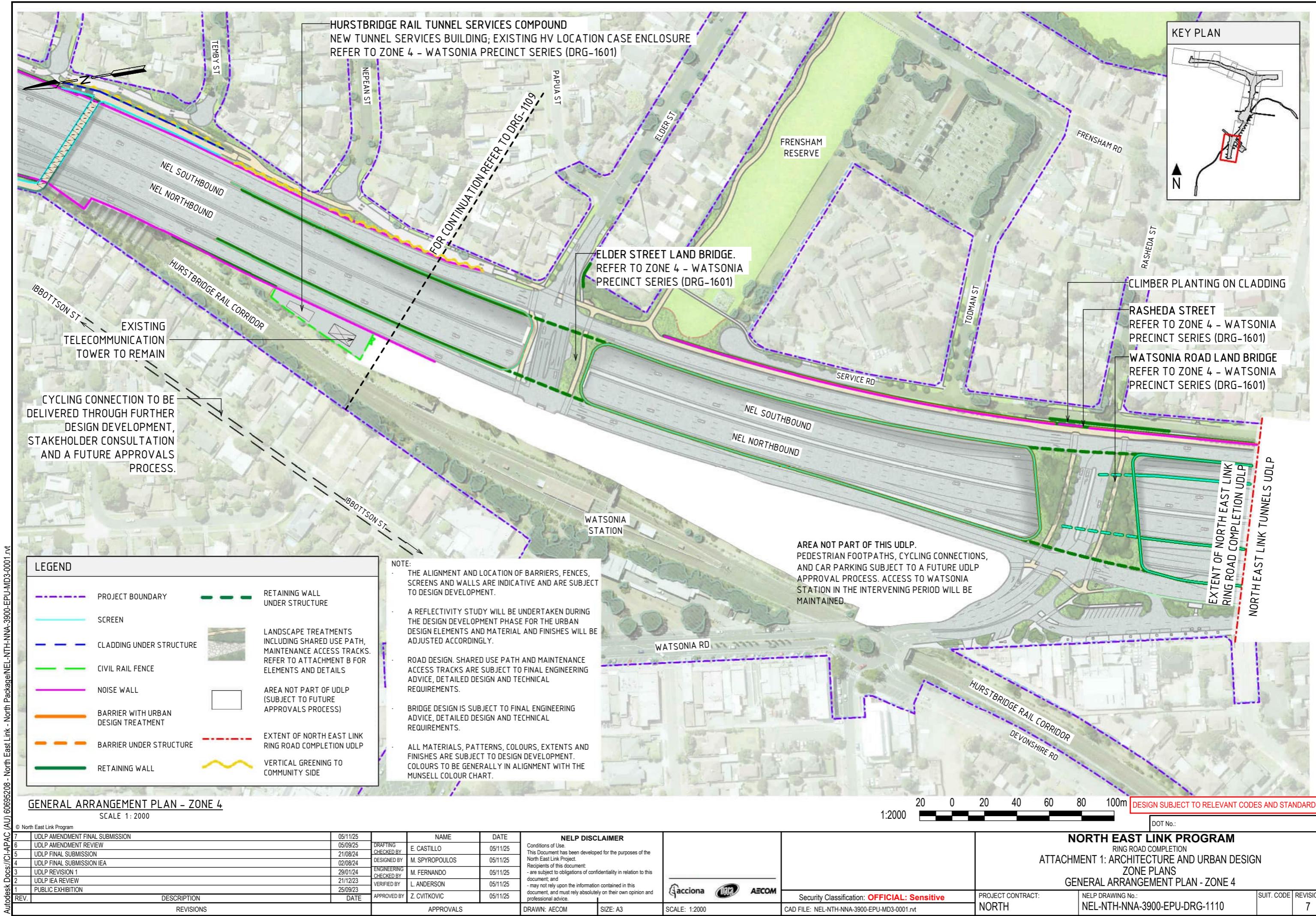
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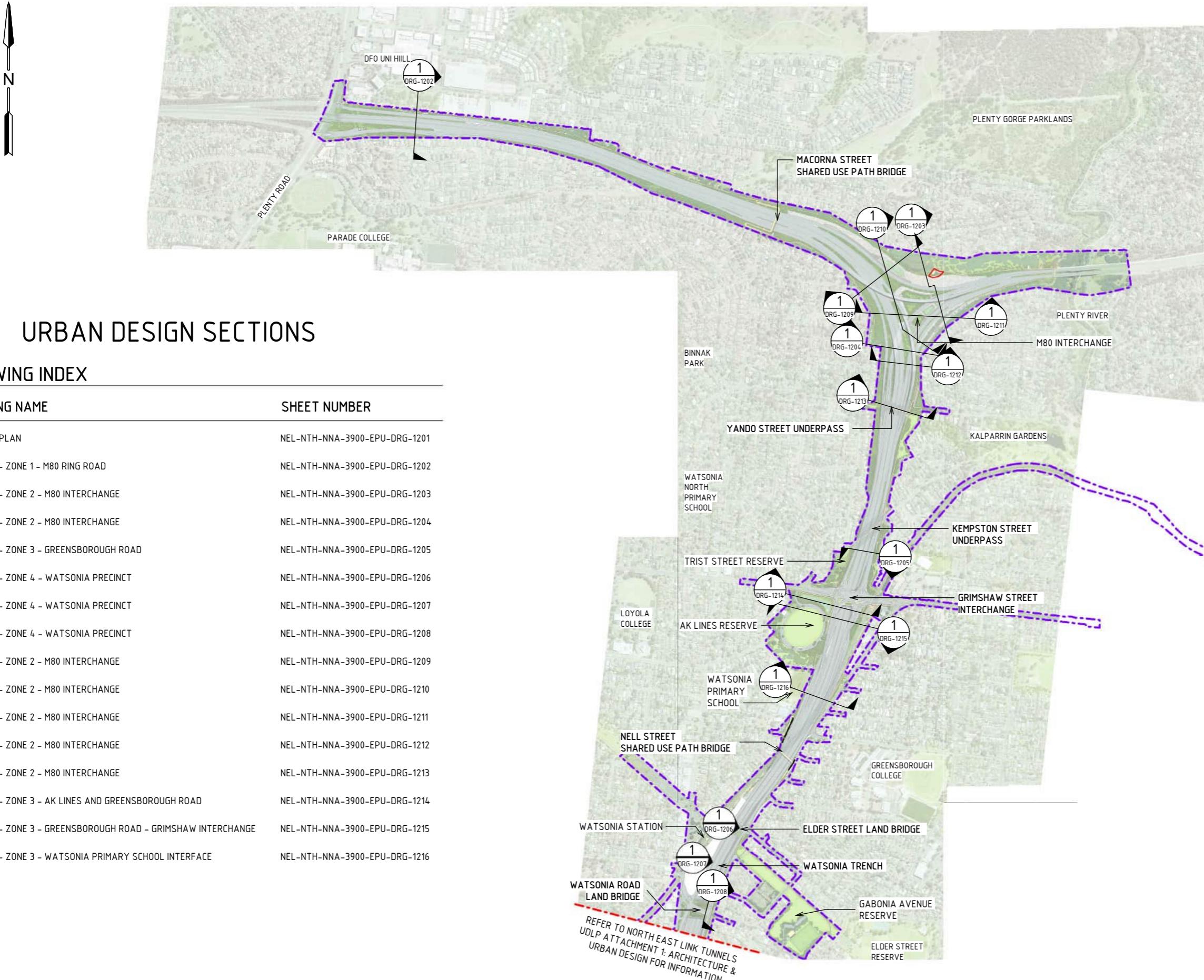
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URBAN DESIGN SECTIONS

DRAWING INDEX

DRAWING NAME	SHEET NUMBER
LOCALITY PLAN	NEL-NTH-NNA-3900-EPU-DRG-1201
SECTIONS - ZONE 1 - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1202
SECTIONS - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1203
SECTIONS - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1204
SECTIONS - ZONE 3 - GREENSBOROUGH ROAD	NEL-NTH-NNA-3900-EPU-DRG-1205
SECTIONS - ZONE 4 - WATSONIA PRECINCT	NEL-NTH-NNA-3900-EPU-DRG-1206
SECTIONS - ZONE 4 - WATSONIA PRECINCT	NEL-NTH-NNA-3900-EPU-DRG-1207
SECTIONS - ZONE 4 - WATSONIA PRECINCT	NEL-NTH-NNA-3900-EPU-DRG-1208
SECTIONS - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1209
SECTIONS - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1210
SECTIONS - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1211
SECTIONS - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1212
SECTIONS - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1213
SECTIONS - ZONE 3 - AK LINES AND GREENSBOROUGH ROAD	NEL-NTH-NNA-3900-EPU-DRG-1214
SECTIONS - ZONE 3 - GREENSBOROUGH ROAD - GRIMSHAW INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1215
SECTIONS - ZONE 3 - WATSONIA PRIMARY SCHOOL INTERFACE	NEL-NTH-NNA-3900-EPU-DRG-1216

LEGEND	
	PROJECT BOUNDARY
	EXTENT OF NORTH EAST LINK RING ROAD COMPLETION UDL
	AREA NOT PART OF UDL (SUBJECT TO FUTURE APPROVALS PROCESS)
	LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS. REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENTS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
LOCALITY PLAN

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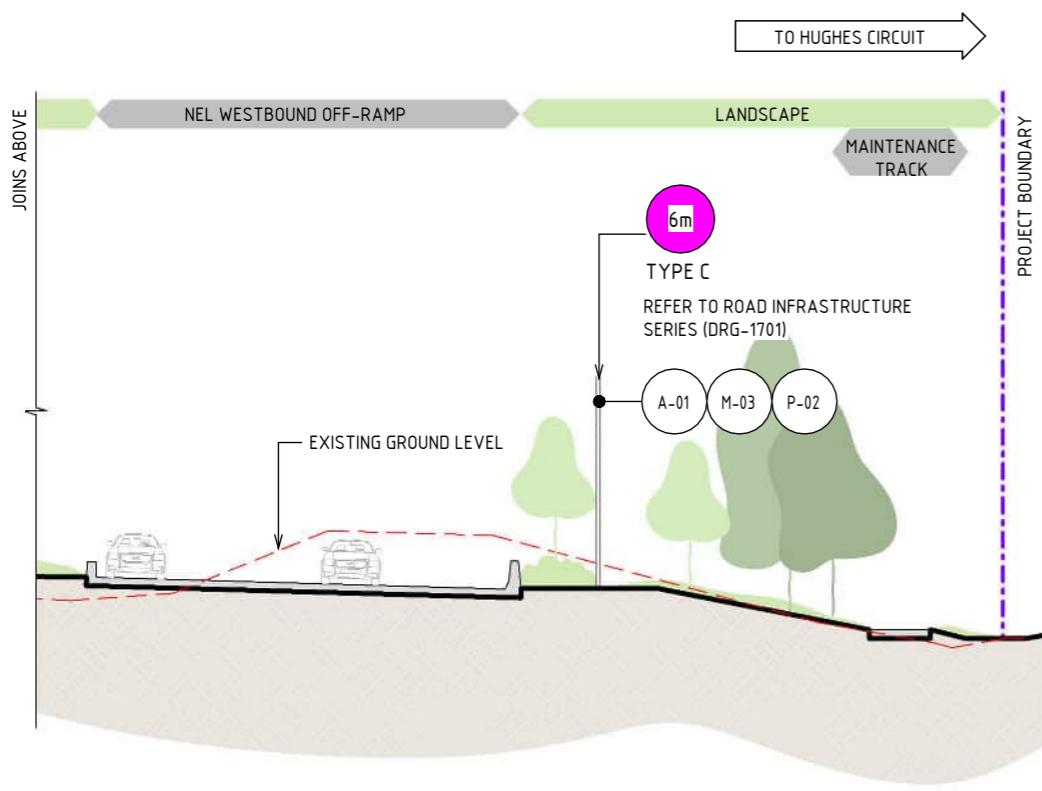
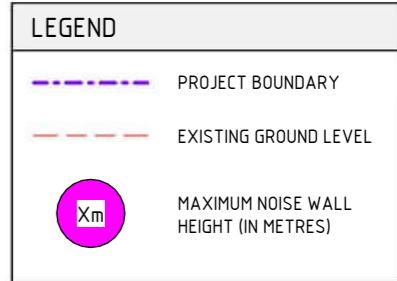
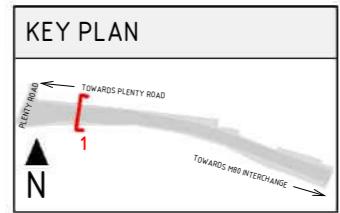
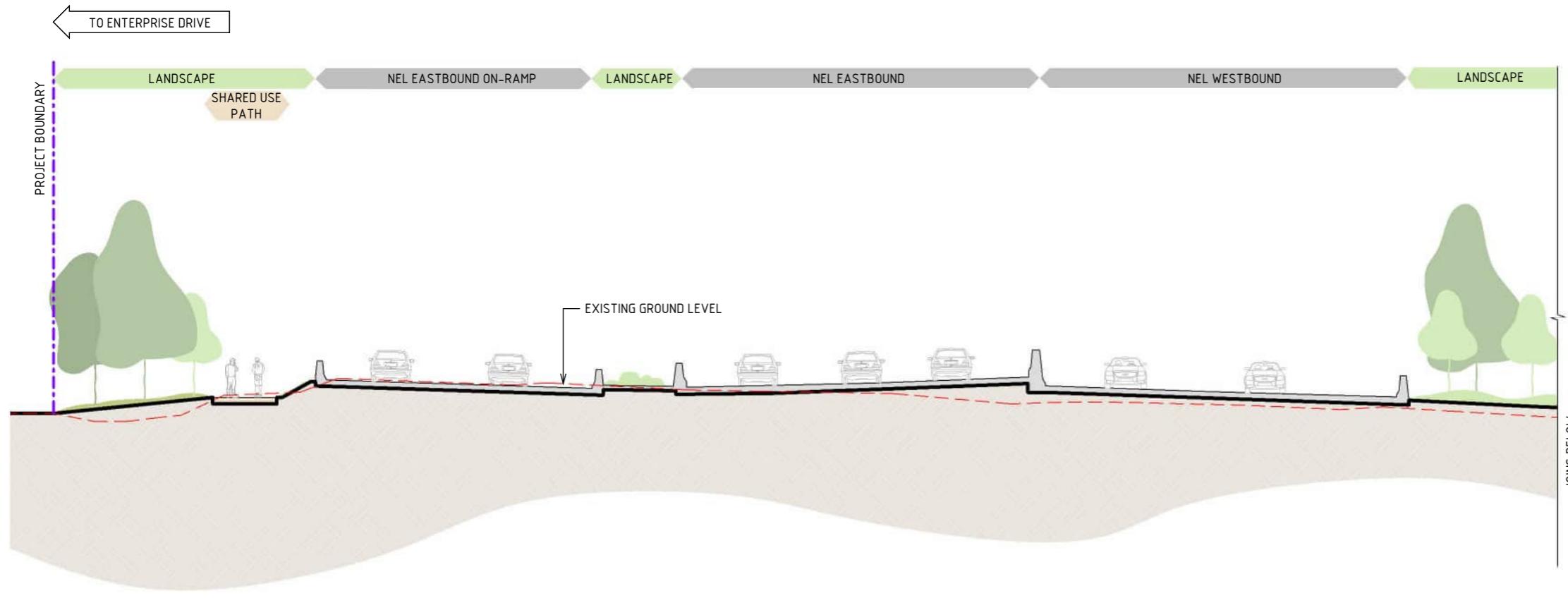
PROJECT CONTRACT:
NORTH

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6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING	M. FERNANDO	05/11/25
3	UDLP REVIEW 1	29/01/24	CHECKED BY	L. ANDERSON	05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	Z. CVITKOVIC	05/11/25
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY		
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	REVISIONS			SCALE:	CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.vt



1 ZONE 1 - M80 RING ROAD SECTION
SCALE : 1: 250

NOTE:

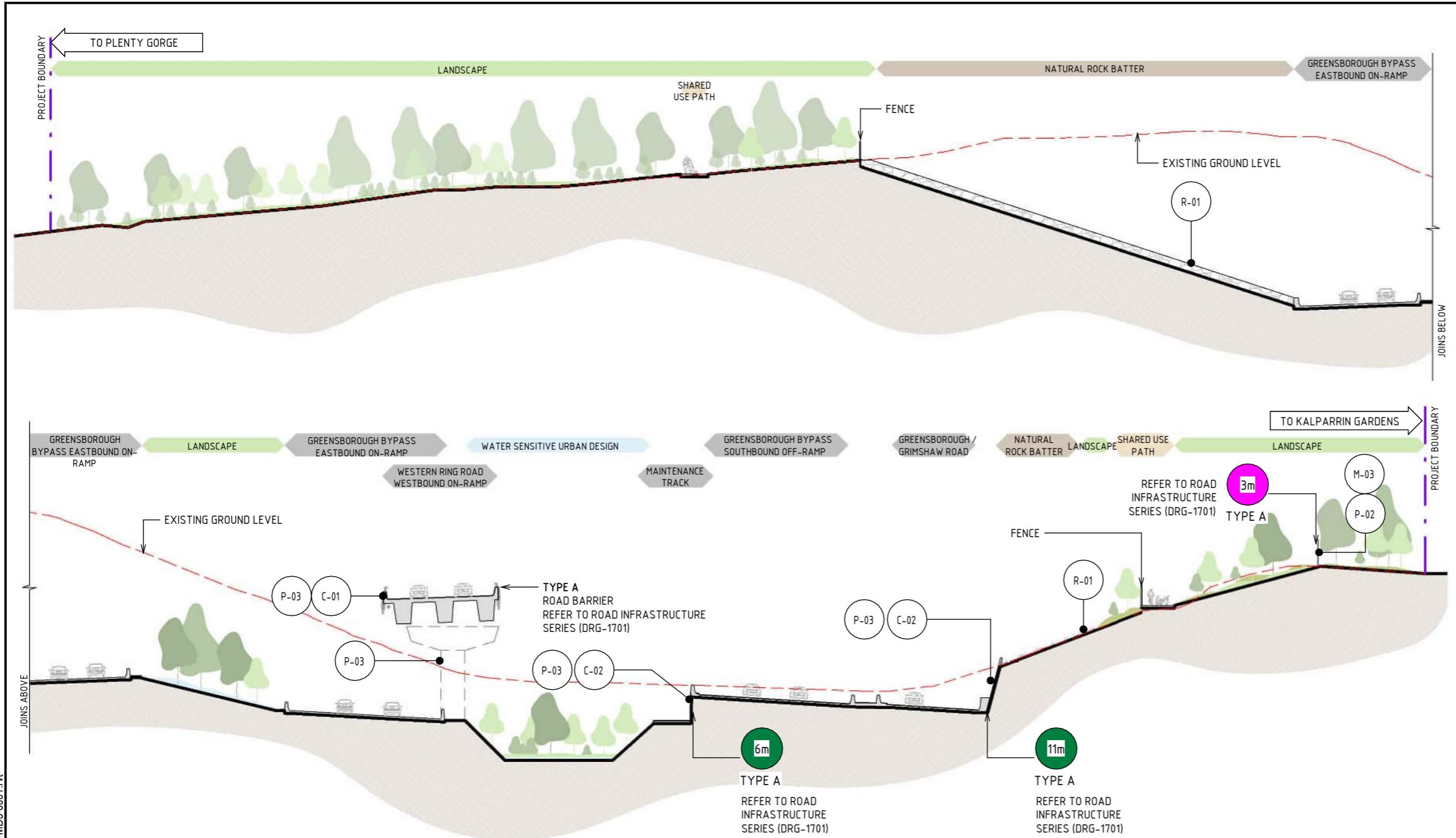
- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, PIERS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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- ALL MATERIALS, PATTERNS, COLOURS, EXTENTS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

1:250 2.5 0 2.5 5 7.5 10 12.5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
SECTIONS - ZONE 1 - M80

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6	UDLP AMENDMENT REVIEW	05/09/25										
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REV.	DESCRIPTION	DATE	APPROVED BY	Z. CVITKOVIC	05/11/25							
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1 ZONE 2 - M80 INTERCHANGE SECTION - M80 TRAIL TO GREENSBOROUGH BYPASS PATH

SCALE : 1: 500

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

LEGEND

	EXISTING GROUND LEVEL
	MAXIMUM NOISE WALL HEIGHT (IN METRES)
	MAXIMUM RETAINING WALL HEIGHT (IN METRES)

1:500 5 0 5 10 15 20 25m

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

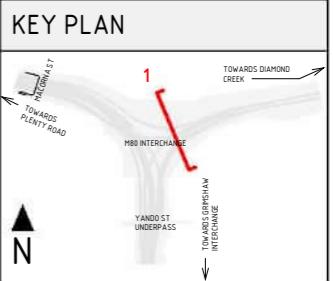
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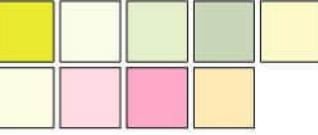
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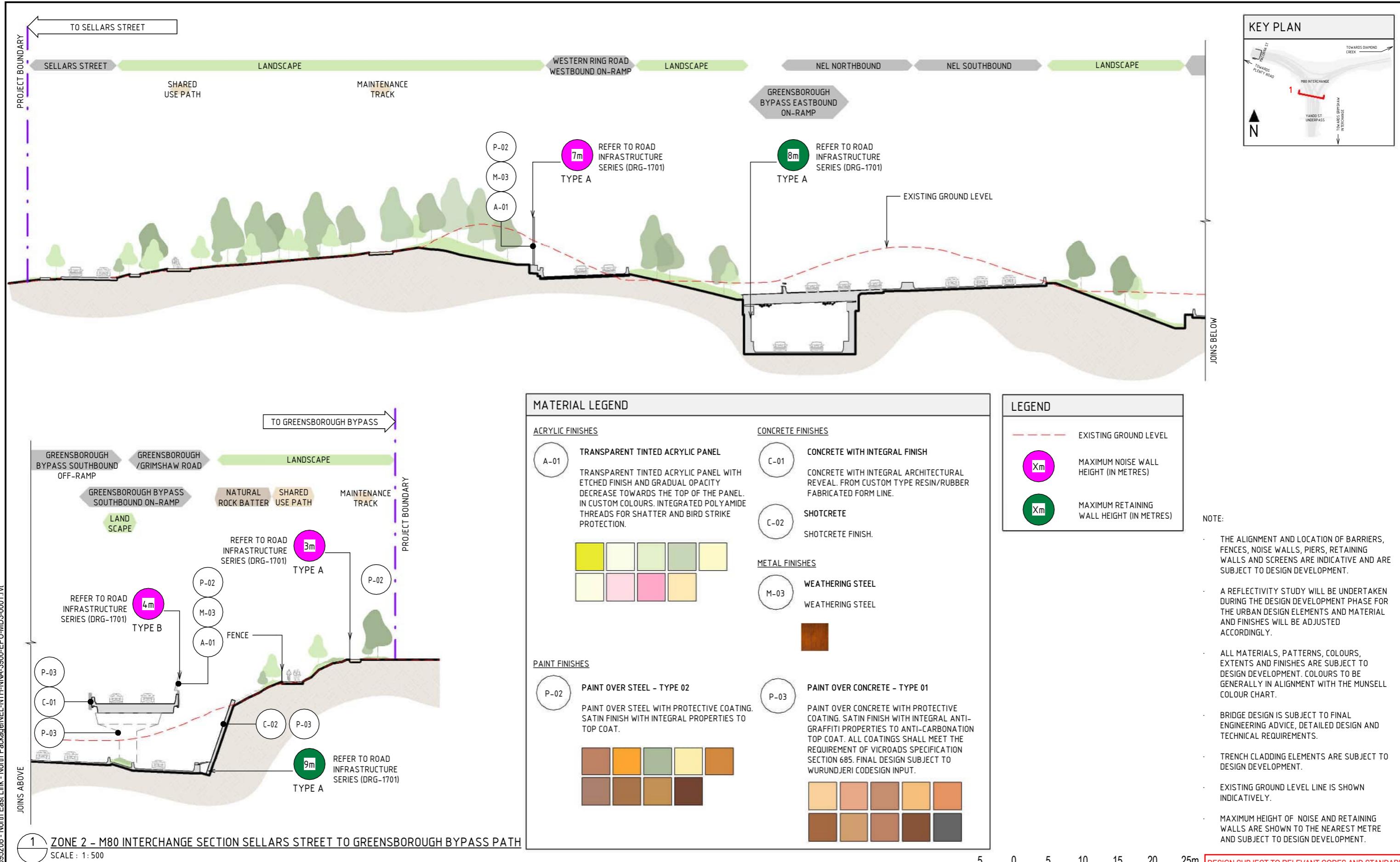
SECTIONS - ZONE 2 - M80 INTERCHANGE

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6	UDLP AMENDMENT REVIEW	05/09/25	ENGINEERING CHECKED BY	M. SPYROPOULOS	DATE	05/11/25									



MATERIAL LEGEND	
<u>ACRYLIC FINISHES</u>	
A-01	TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.
	
<u>CONCRETE FINISHES</u>	
C-01	CONCRETE WITH INTEGRAL FINISH CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.
C-02	SHOTCRETE SHOTCRETE FINISH.
<u>ROCK BATTER</u>	
R-01	NATURAL ROCK BATTER NATURAL ROCK BATTER
<u>PAINT FINISHES</u>	
P-03	PAINT OVER CONCRETE - TYPE 01 PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.
	



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1	PUBLIC EXHIBITION	25/09/23			

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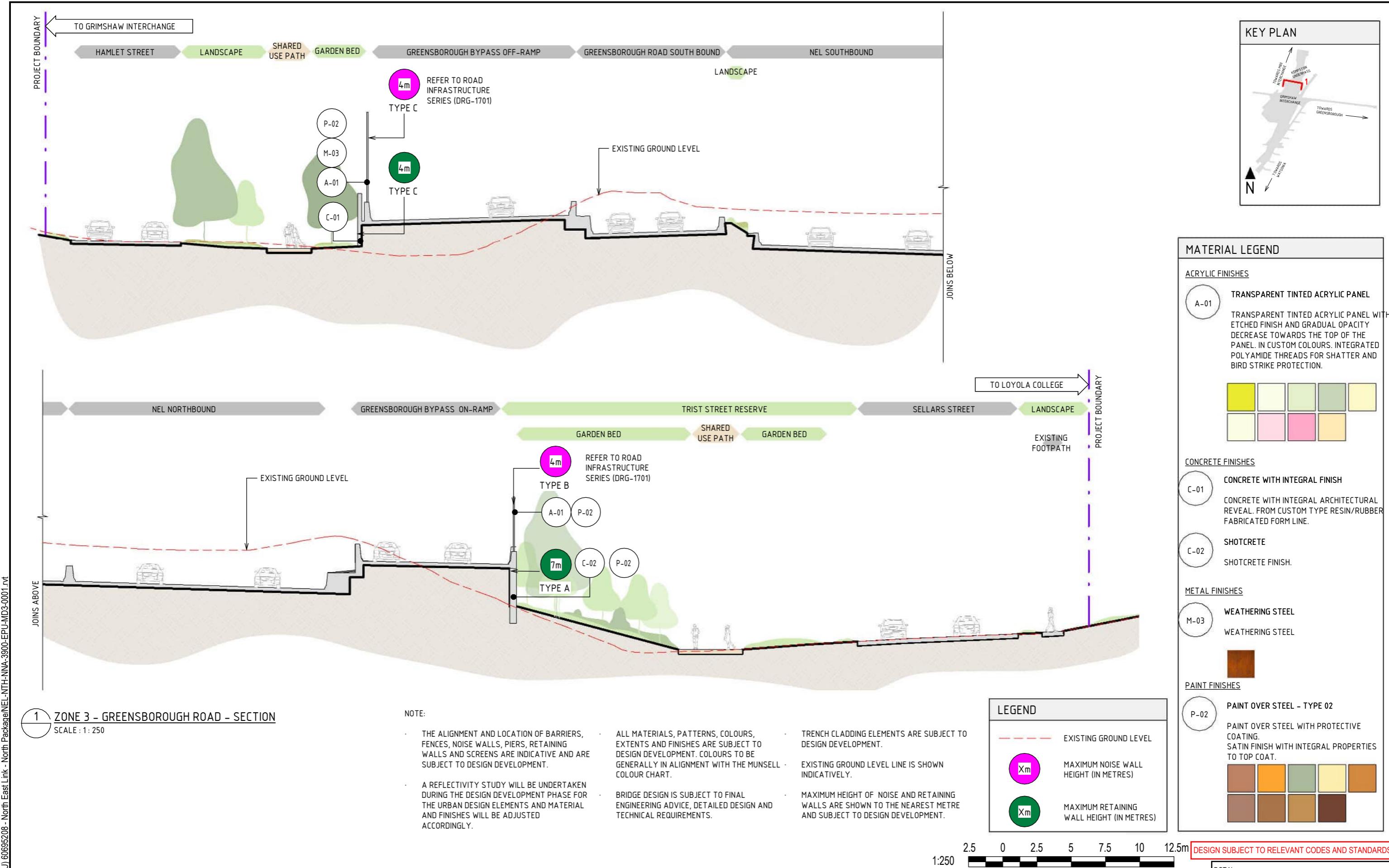


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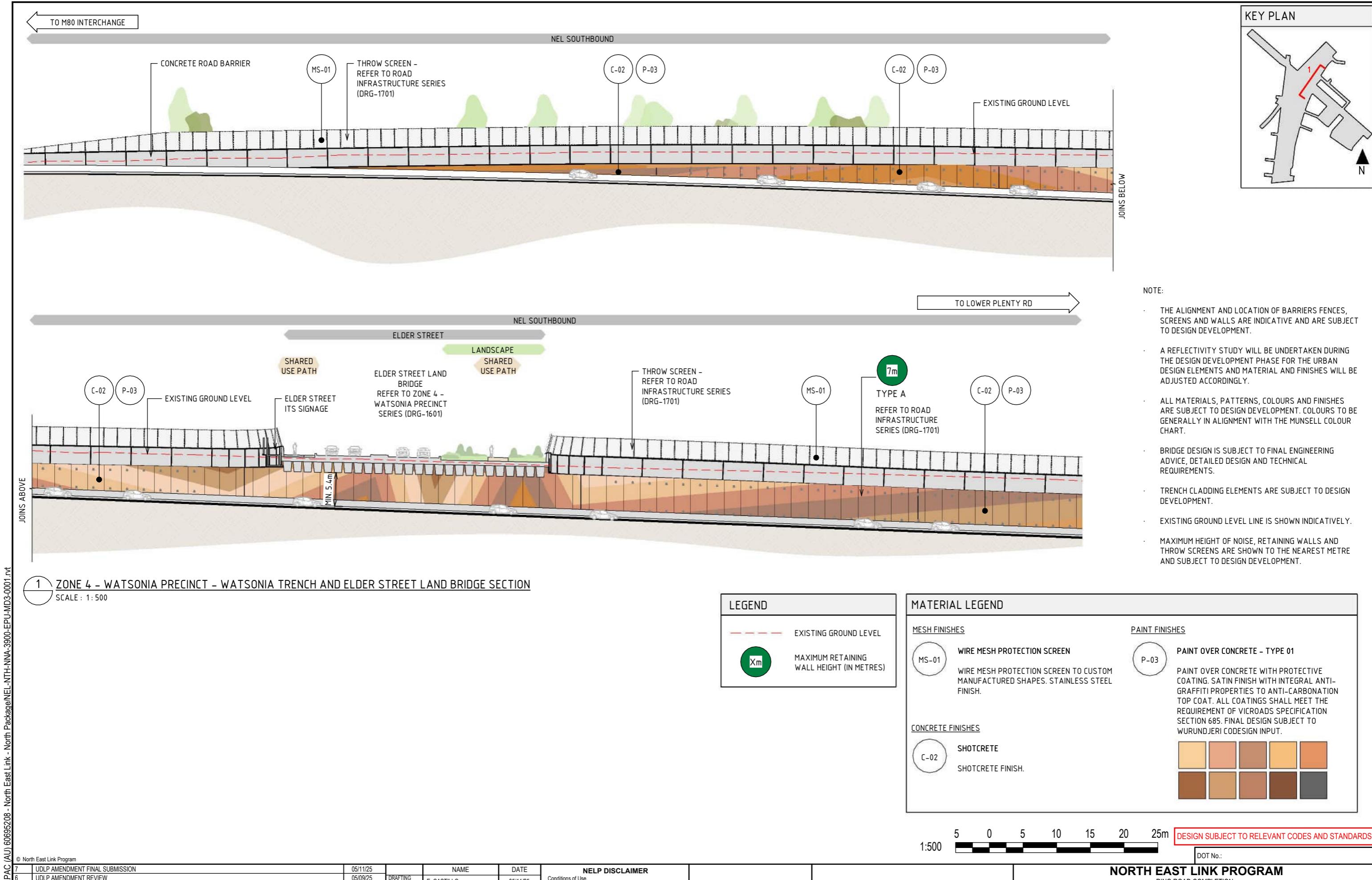
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RING ROAD COMPLETION			ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS			SECTIONS - ZONE 2 - M80 INTERCHANGE



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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY		

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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

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SIZE: A3

SCALE: 1:500

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PROJECT CONTRACT: NORTH

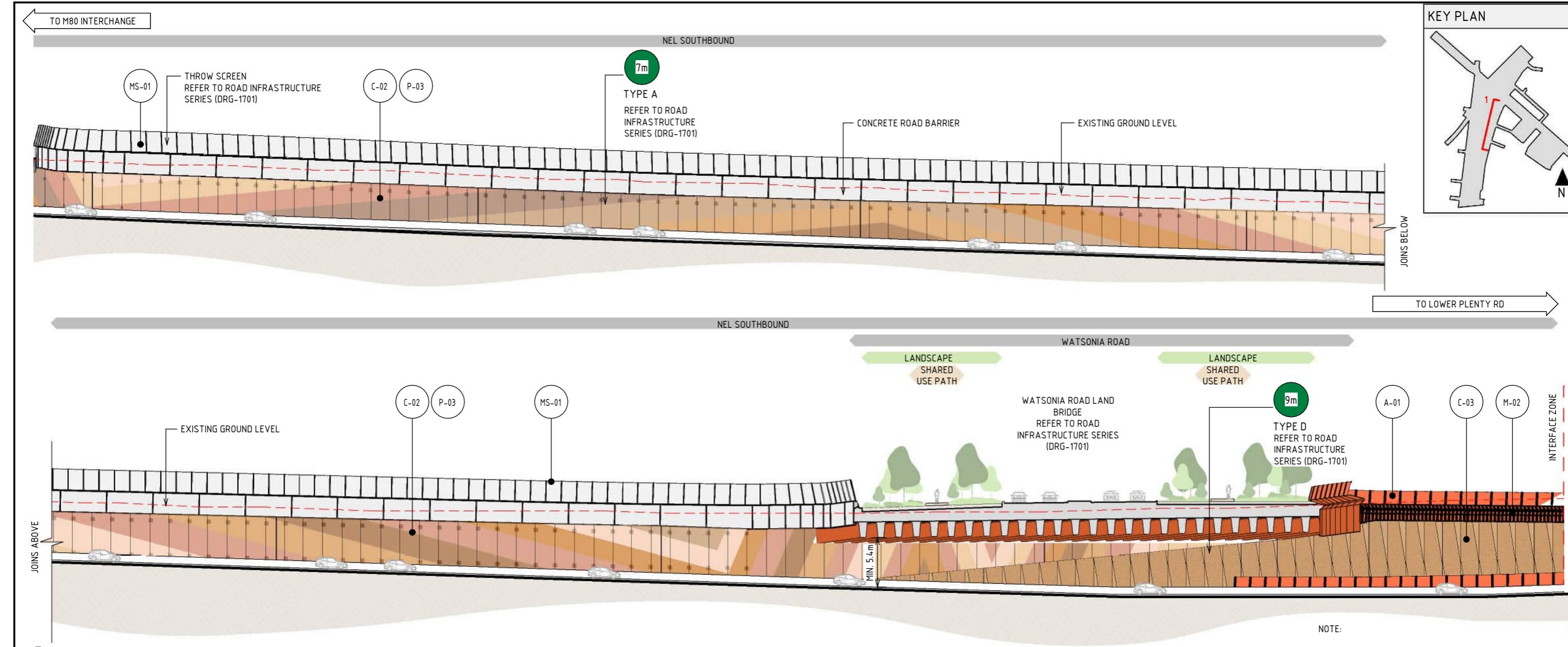
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SUIT. CODE 7

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
SECTIONS - ZONE 4 - WATSONIA PRECINCT

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CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.vt



1 ZONE 4 - WATSONIA PRECINCT - WATSONIA TRENCH AND WATSONIA ROAD LAND BRIDGE SECTION

MATERIAL LEGEND

ACRYLIC FINISHES	
A-01	TRANSPARENT TINTED ACRYLIC PANEL
	TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHE FINISH AND GRADUAL OPACITY. DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.

MESH FINISHES	
MS-01	WIRE MESH PROTECTION SCREEN

PAINT FINISHES	
P-03	PAINT OVER CONCRETE - TYPE 01

METAL FINISHES	
M-02	SOLID ALUMINIUM PANEL

PAINT FINISHES	
P-03	PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.

CONCRETE FINISHES	
C-02	SHOTCRETE

PRECAST CONCRETE (TRENCH)	
C-03	PRECAST CONCRETE TEXTURED PANEL WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE WITH OXIDE COLOUR. NOTE- TO MATCH TUNNELS UDL

LEGEND

	EXISTING GROUND LEVEL
	MAXIMUM RETAINING WALL HEIGHT (IN METRES)

1:500 5 0 5 10 15 20 25m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
SECTIONS - ZONE 4 - WATSONIA PRECINCT

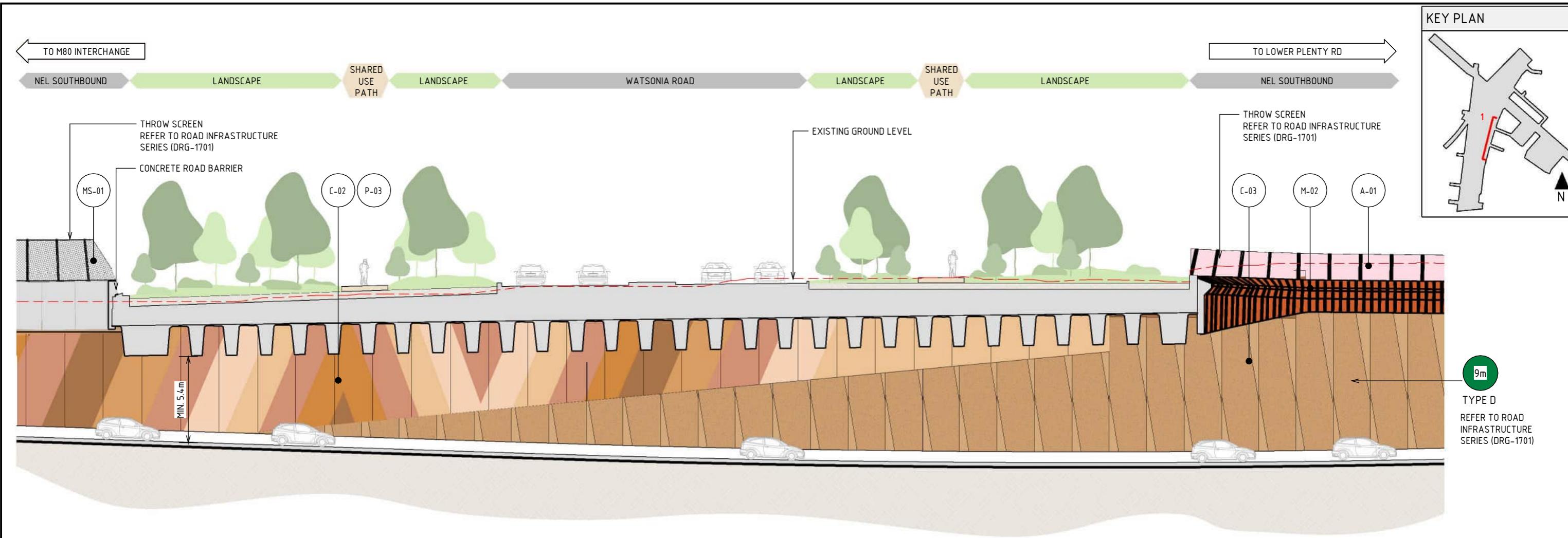


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NORTH

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NEL-NTH-NNA-3900-EPU-DRG-1207

SUIT. CODE
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1 ZONE 4 - WATSONIA PRECINCT - WATSONIA ROAD LAND BRIDGE - SECTION
SCALE : 1: 250

MATERIAL LEGEND						
ACRYLIC FINISHES	MESH FINISHES	PAINT FINISHES	CONCRETE FINISHES	LEGEND		
A-01 TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION. 	MS-01 WIRE MESH PROTECTION SCREEN WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.	P-03 PAINT OVER CONCRETE - TYPE 01 PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT. 	C-02 SHOTCRETE SHOTCRETE FINISH. C-03 PRECAST CONCRETE (TRENCH) PRECAST CONCRETE TEXTURED PANEL WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE WITH OXIDE COLOUR. NOTE - TO MATCH TUNNELS UDL	--- EXISTING GROUND LEVEL  Xm MAXIMUM RETAINING WALL HEIGHT (IN METRES)	NOTE: THE ALIGNMENT AND LOCATION OF BARRIERS FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT. A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY. ALL MATERIALS, PATTERNS, COLOURS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART. BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS. TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT. EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY. MAXIMUM HEIGHT OF NOISE, RETAINING WALLS AND THROW SCREENS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.	
A-01	MS-01	P-03	C-02	Xm		
TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION. 	WIRE MESH PROTECTION SCREEN WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.	PAINT OVER CONCRETE - TYPE 01 PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT. 	SHOTCRETE SHOTCRETE FINISH. PRECAST CONCRETE (TRENCH) PRECAST CONCRETE TEXTURED PANEL WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE WITH OXIDE COLOUR. NOTE - TO MATCH TUNNELS UDL			
M-02 SOLID ALUMINIUM PANEL SOLID ALUMINIUM PANEL TO CUSTOM ARCHITECTURAL PROFILE WITH SATIN PVDF FINISH, IN CUSTOM COLOURS. FULL HEIGHT CLEAR NON-SACRIFICIAL, NON-FILM FORMING COATING. NOTE - TO MATCH TUNNELS UDL	M-02 SOLID ALUMINIUM PANEL SOLID ALUMINIUM PANEL TO CUSTOM ARCHITECTURAL PROFILE WITH SATIN PVDF FINISH, IN CUSTOM COLOURS. FULL HEIGHT CLEAR NON-SACRIFICIAL, NON-FILM FORMING COATING. NOTE - TO MATCH TUNNELS UDL					

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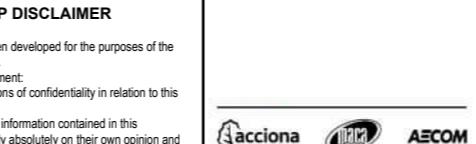
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
SECTIONS - ZONE 4 - WATSONIA PRECINCT

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Note: * Indicates signed documents as drawings will not have wet signatures.

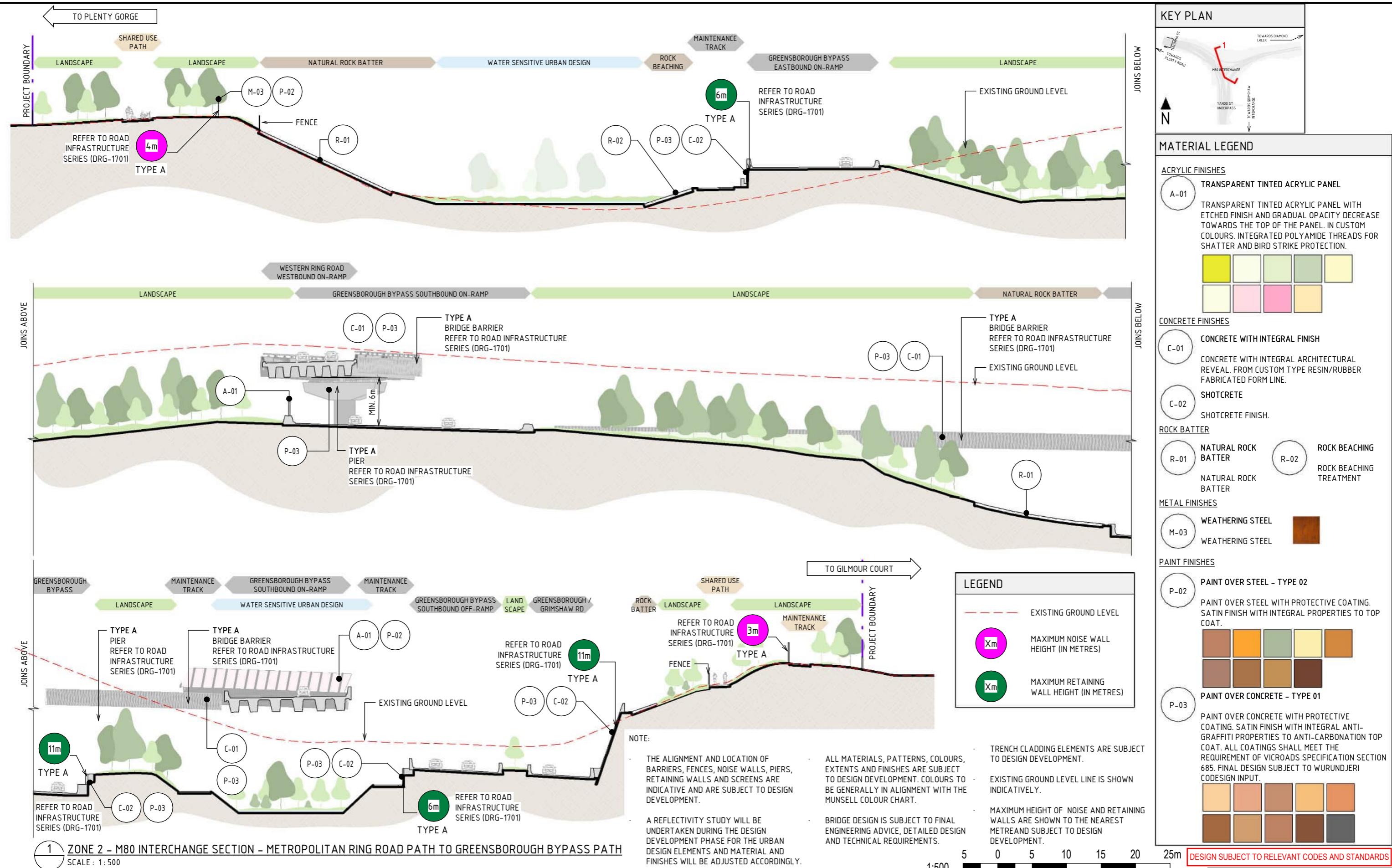


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5	UDLP FINAL SUBMISSION
	UDLP FINAL SUBMISSION IEA
A	UDLP FINAL SUBMISSION
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Note: * Indicates signed documents as drawings will not have wet signatures

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OBJECT CO

ACT:

SECTION

- ZONE

- M80 II

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NORTH EAST LINK PROGRAM

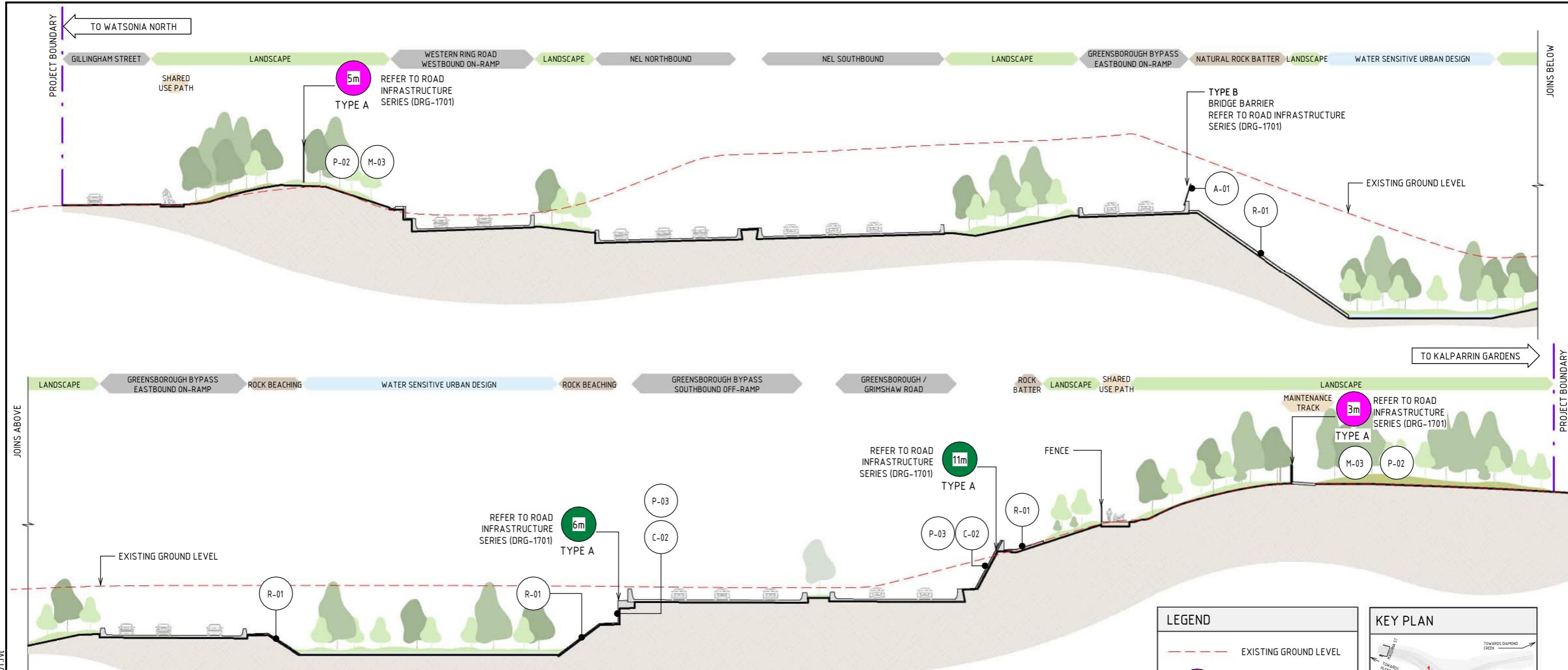
RING ROAD COMPLETION

ACHMENT 1: ARCHITECTURE AND URBAN DESIGN

URBAN DESIGN SECTIONS

SECTIONS - ZONE 2 - M80 INTERCHANGE

ACT:	NEPL DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1210	SUIT. COD.
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1 ZONE-2 - M80 INTERCHANGE SECTION – GILLINGHAM STREET TO GREENSBOROUGH BYPASS PATH
SCALE : 1:500

MATERIAL LEGEND

ACRYLIC FINISHES
A-01 TRANSPARENT TINTED ACRYLIC PANEL
TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHE FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.



CONCRETE FINISHES
C-01 CONCRETE WITH INTEGRAL FINISH
CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.
C-02 SHOTCRETE
SHOTCRETE FINISH.

METAL FINISHES
M-03 WEATHERING STEEL
WEATHERING STEEL

PAINT FINISHES
P-03 PAINT OVER CONCRETE – TYPE 01
PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.

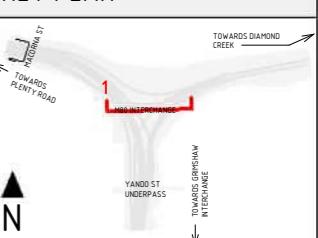


ROCK BATTER
R-01 NATURAL ROCK BATTER
NATURAL ROCK BATTER
R-02 ROCK BEACHING
ROCK BEACHING TREATMENT

LEGEND

- EXISTING GROUND LEVEL
- MAXIMUM NOISE WALL HEIGHT (IN METRES)
- MAXIMUM RETAINING WALL HEIGHT (IN METRES)

KEY PLAN



NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, PIERS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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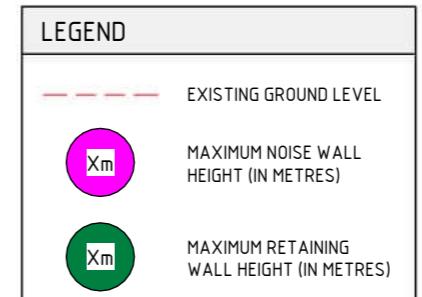
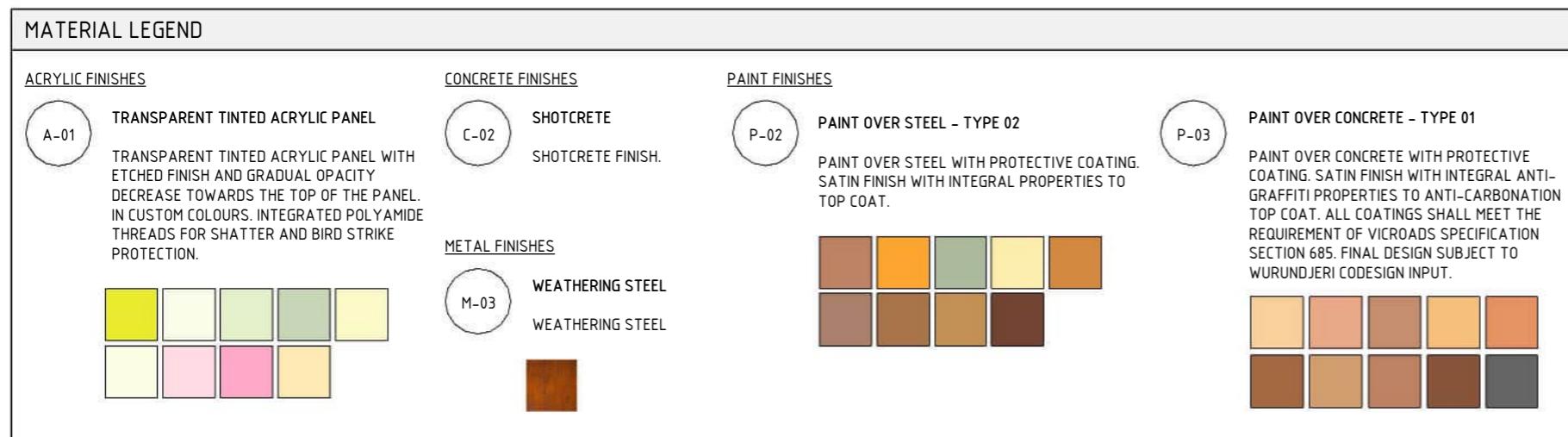
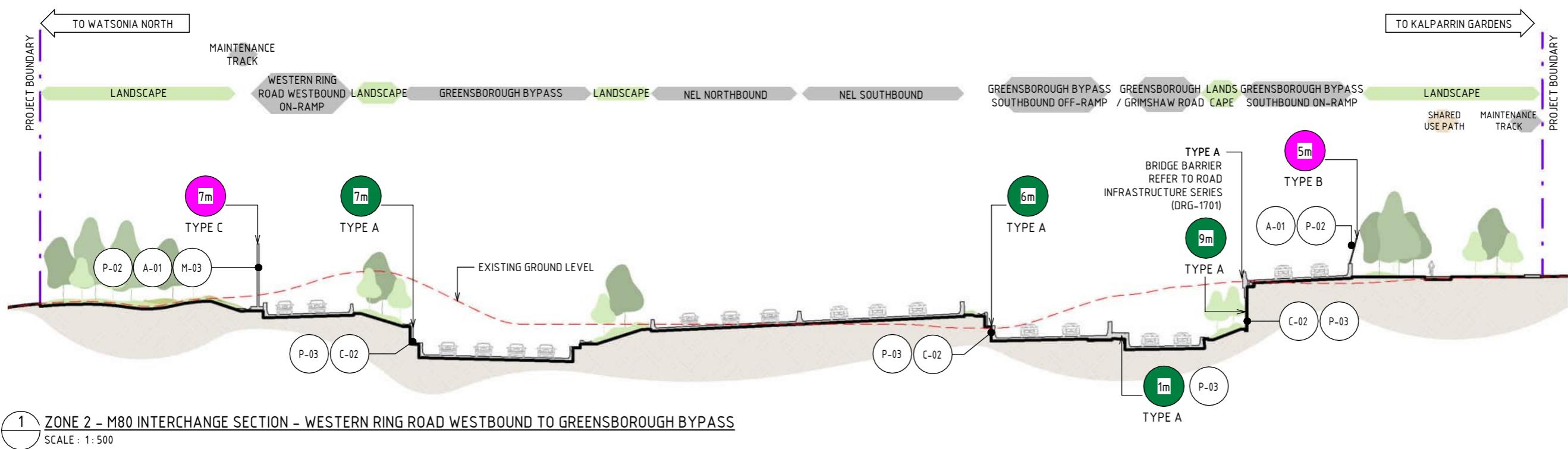
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NORTH EAST LINK PROGRAM

RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
SECTIONS - ZONE 2 - M80 INTERCHANGE

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7 UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO	DATE	05/11/25	Conditions of Use: This Document has been developed for the purposes of the North East Link Project. Recipients of this document: - are subject to obligations of confidentiality in relation to this document; and - may not rely upon the information contained in this document, and must rely absolutely on their own opinion and professional advice.							
6 UDLP AMENDMENT REVIEW	05/09/25												
5 UDLP FINAL SUBMISSION	21/08/24	DESIGNED BY	M. SPYROPOULOS	DATE	05/11/25								
4 UDLP FINAL SUBMISSION IEA		ENGINEERING CHECKED BY	M. FERNANDO	DATE	05/11/25								
		VERIFIED BY	L. ANDERSON	DATE	05/11/25								
A UDLP FINAL SUBMISSION	02/08/24	APPROVED BY	Z. CVITKOVIC	DATE	05/11/25								
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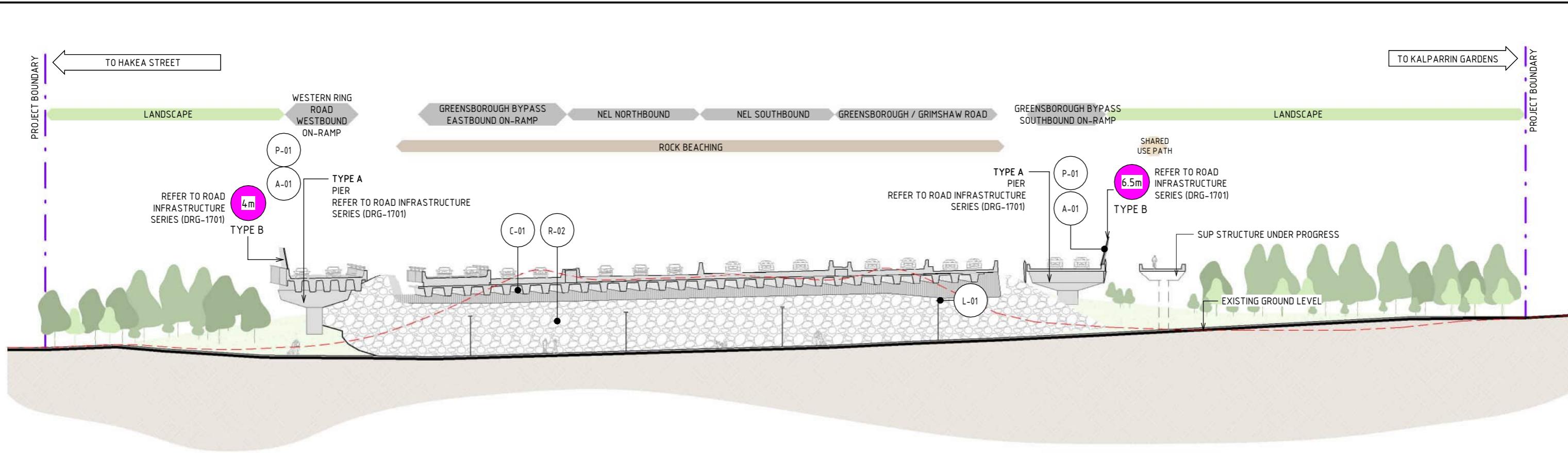


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1:500 5 0 5 10 15 20 25m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:



1 ZONE 2 - M80 INTERCHANGE SECTION - YANDO STREET UNDERPASS

SCALE : 1: 500

MATERIAL LEGEND

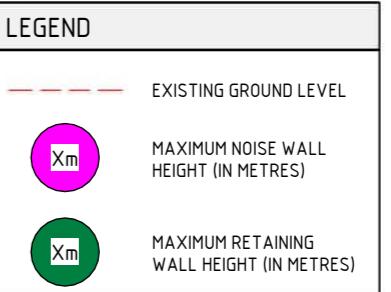
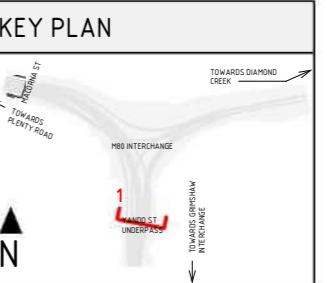
ACRYLIC FINISHES	CONCRETE FINISHES	PAINT FINISHES	ROCK BATTER
A-01 TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHE FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION. 	C-01 CONCRETE WITH INTEGRAL FINISH CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.	P-01 PAINT OVER STEEL - TYPE 01 PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT. 	R-02 ROCK BEACHING ROCK BEACHING TREATMENT L-01 LIGHTING LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE.

METAL FINISHES

M-03 WEATHERING STEEL WEATHERING STEEL 

NOTE:

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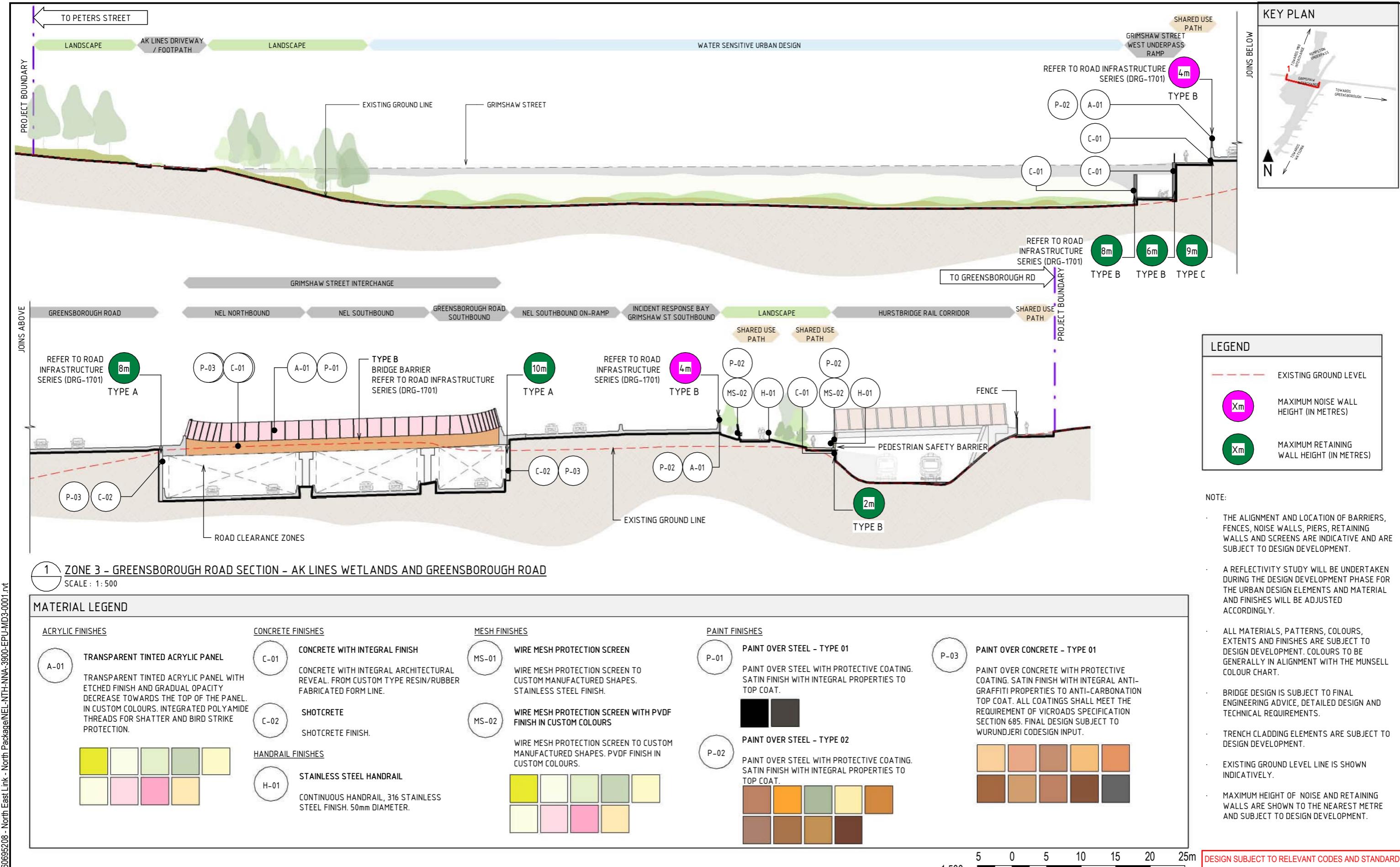
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5	UDLP FINAL SUBMISSION	21/08/24	DESIGNED BY	M. SPYROPOULOS		05/11/25
	UDLP FINAL SUBMISSION IEA		ENGINEERING CHECKED BY	M. FERNANDO		05/11/25
			VERIFIED BY	L. ANDERSON		05/11/25
A	UDLP FINAL SUBMISSION	02/08/24	APPROVED BY	Z. CVITKOVIC		05/11/25

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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
SECTIONS - ZONE 2 - M80 INTERCHANGE



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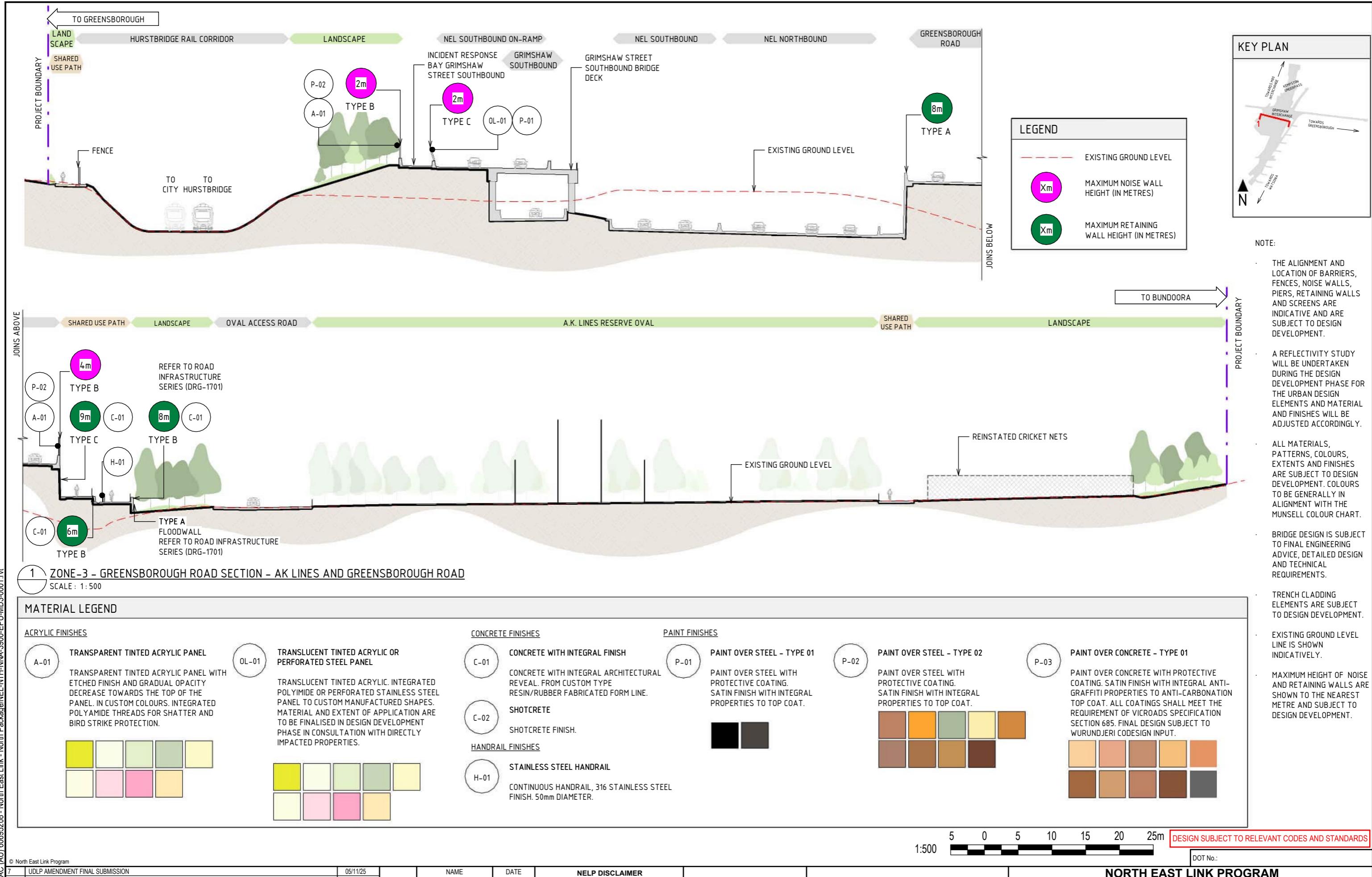


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	RING ROAD COMPLETION		
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN			
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	SECTIONS - ZONE 3 - GREENSBOROUGH ROAD		
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7 UDLP AMENDMENT FINAL SUBMISSION

6 UDLP AMENDMENT REVIEW

5 UDLP FINAL SUBMISSION

4 UDLP FINAL SUBMISSION IEA

3 UDLP FINAL SUBMISSION

2 UDLP FINAL SUBMISSION

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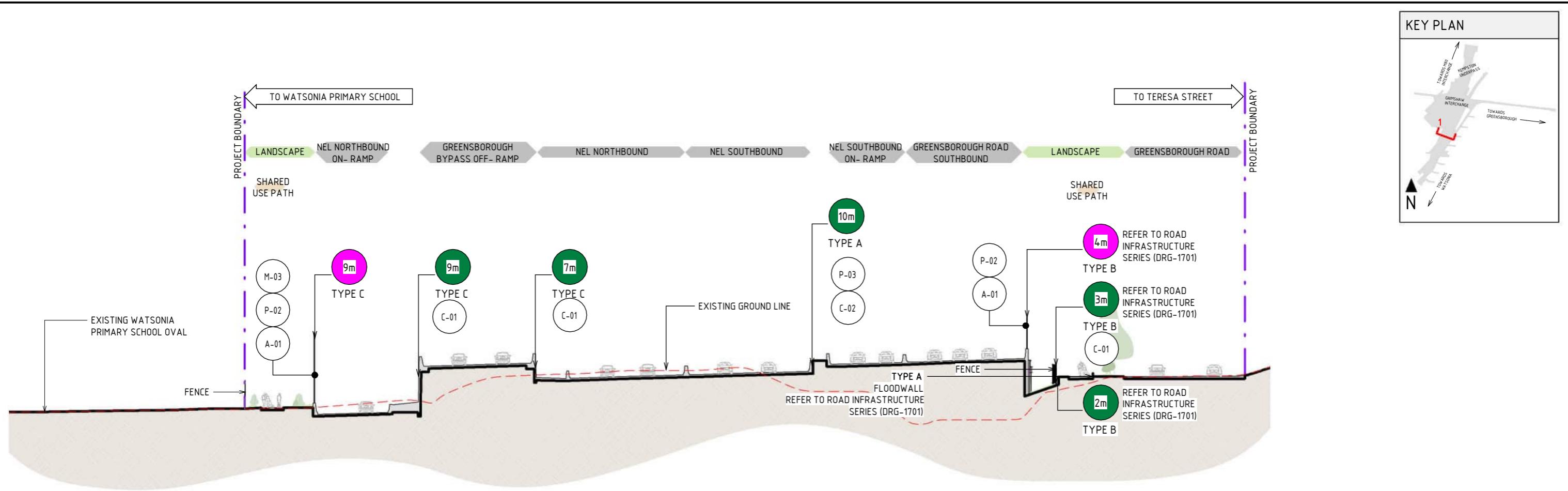
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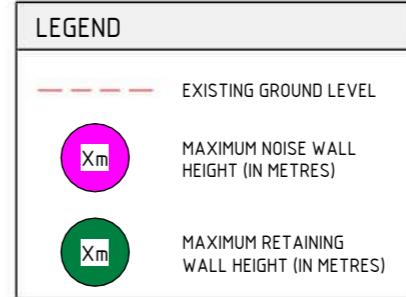
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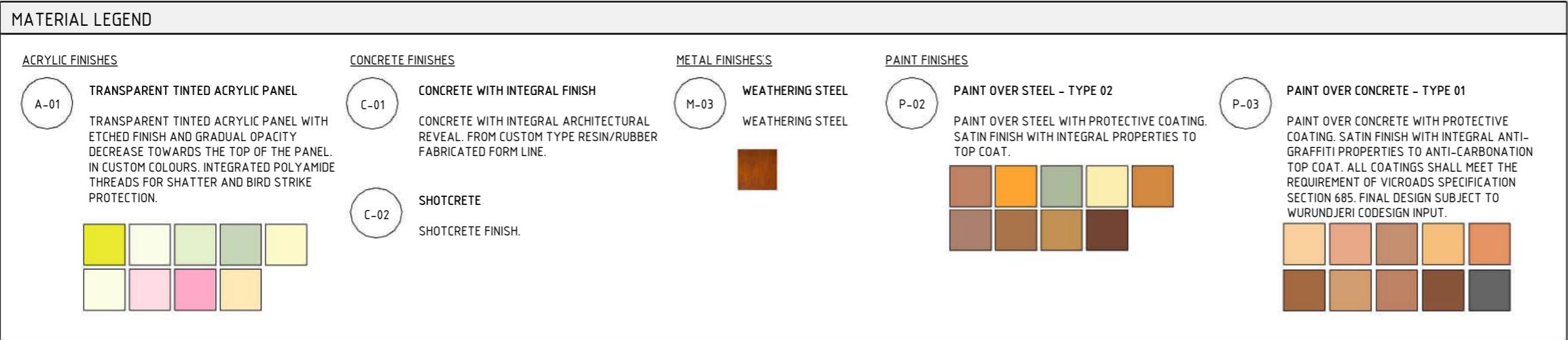


1 ZONE 3 - GREENSBOROUGH ROAD SECTION - WATSONIA PRIMARY SCHOOL TO GREENSBOROUGH ROAD
SCALE: 1:500



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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
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REV.	DESCRIPTION	DATE	APPROVED BY	Z. CVITKOVIC	05/11/25

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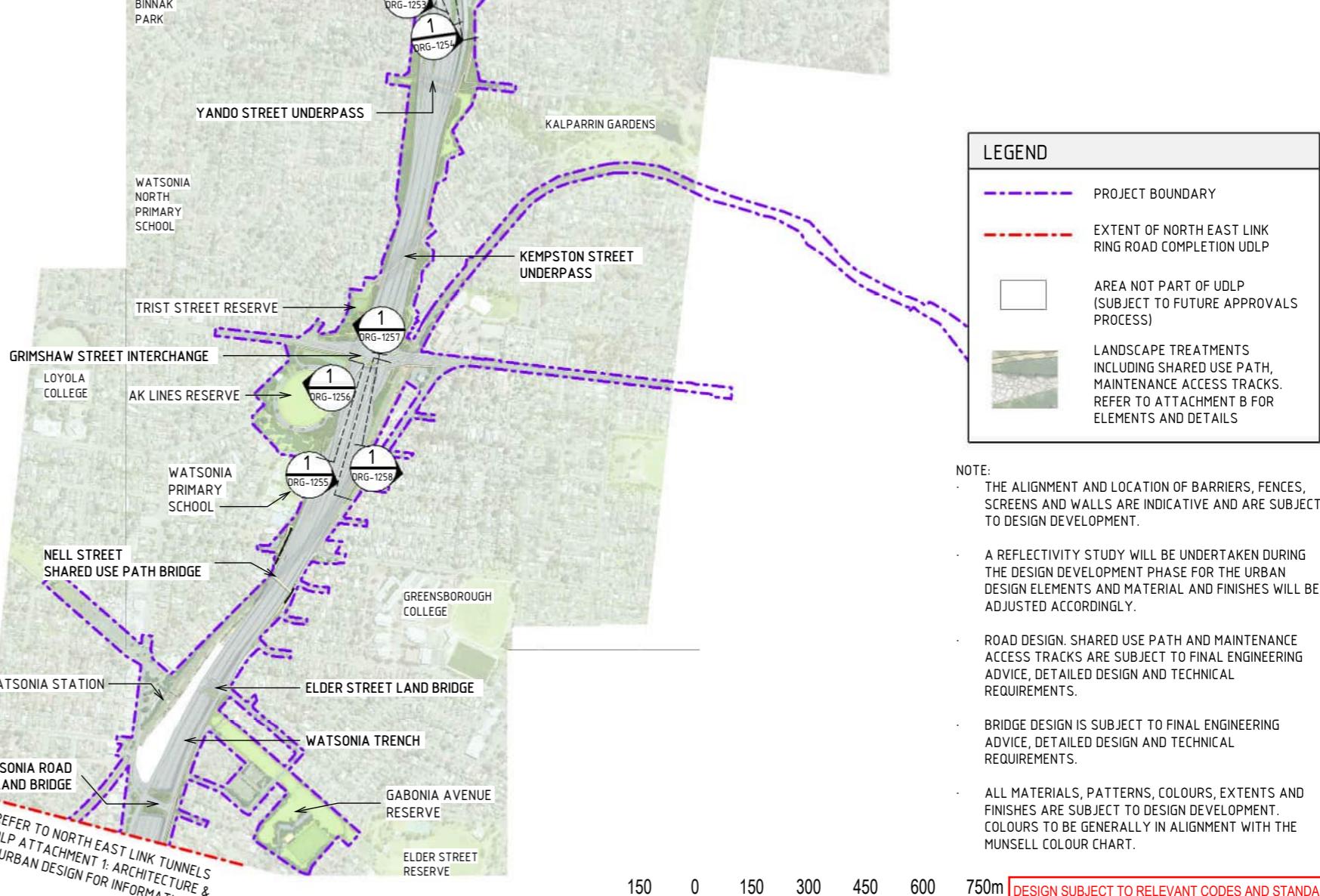
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN SECTIONS
SECTIONS - ZONE 4 - WATSONIA PRECINCT



URBAN DESIGN ELEVATIONS

DRAWING INDEX

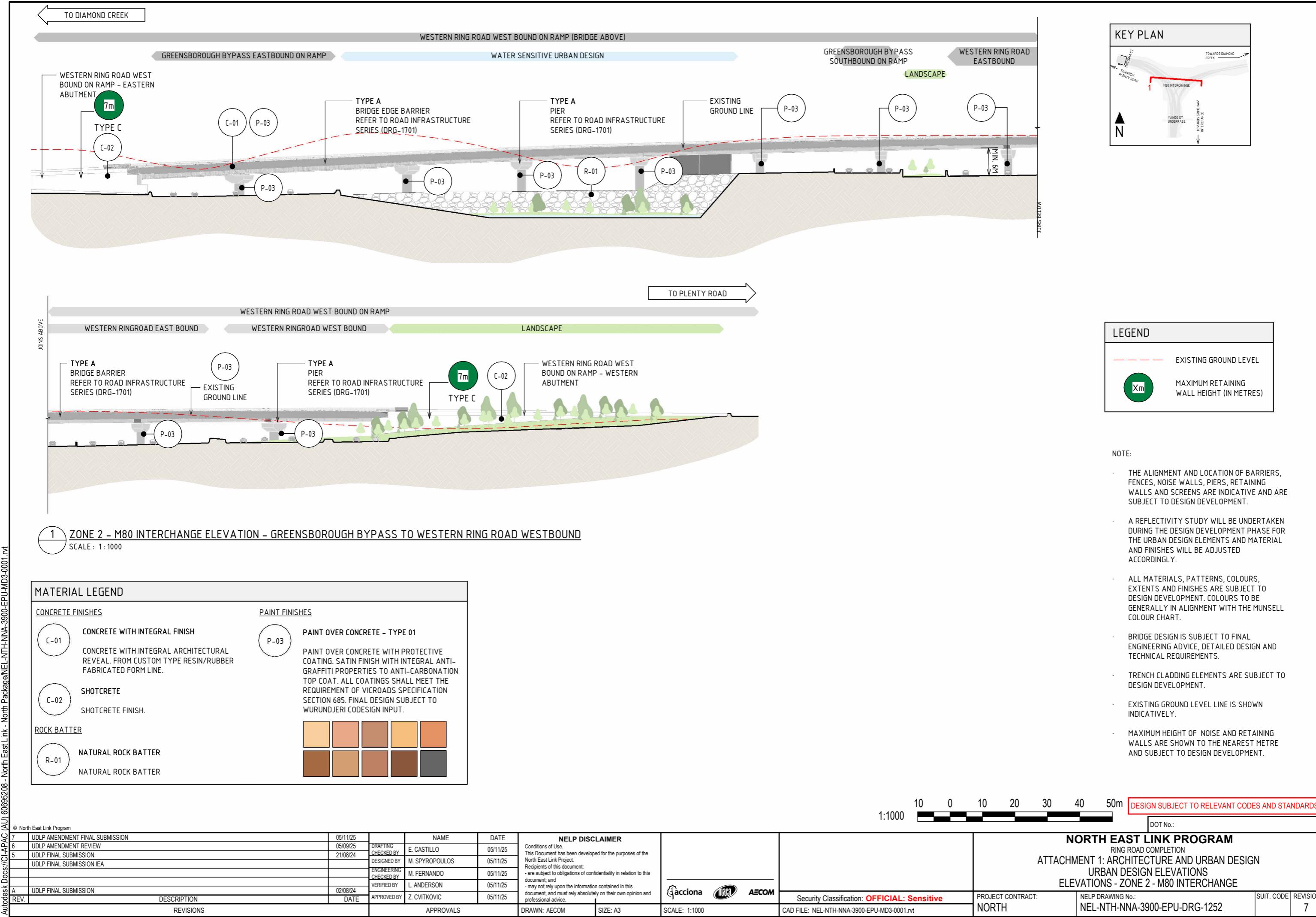
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ELEVATION - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1253
ELEVATION - ZONE 2 - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1254
ELEVATION - ZONE 3 - GREENSBOROUGH ROAD - GRIMSHAW INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1255
ELEVATION - ZONE 3 - GREENSBOROUGH ROAD - GRIMSHAW INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1256
ELEVATION - ZONE 3 - GREENSBOROUGH ROAD - GRIMSHAW INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1257
ELEVATION - ZONE 3 - GREENSBOROUGH ROAD ON RAMP	NEL-NTH-NNA-3900-EPU-DRG-1258

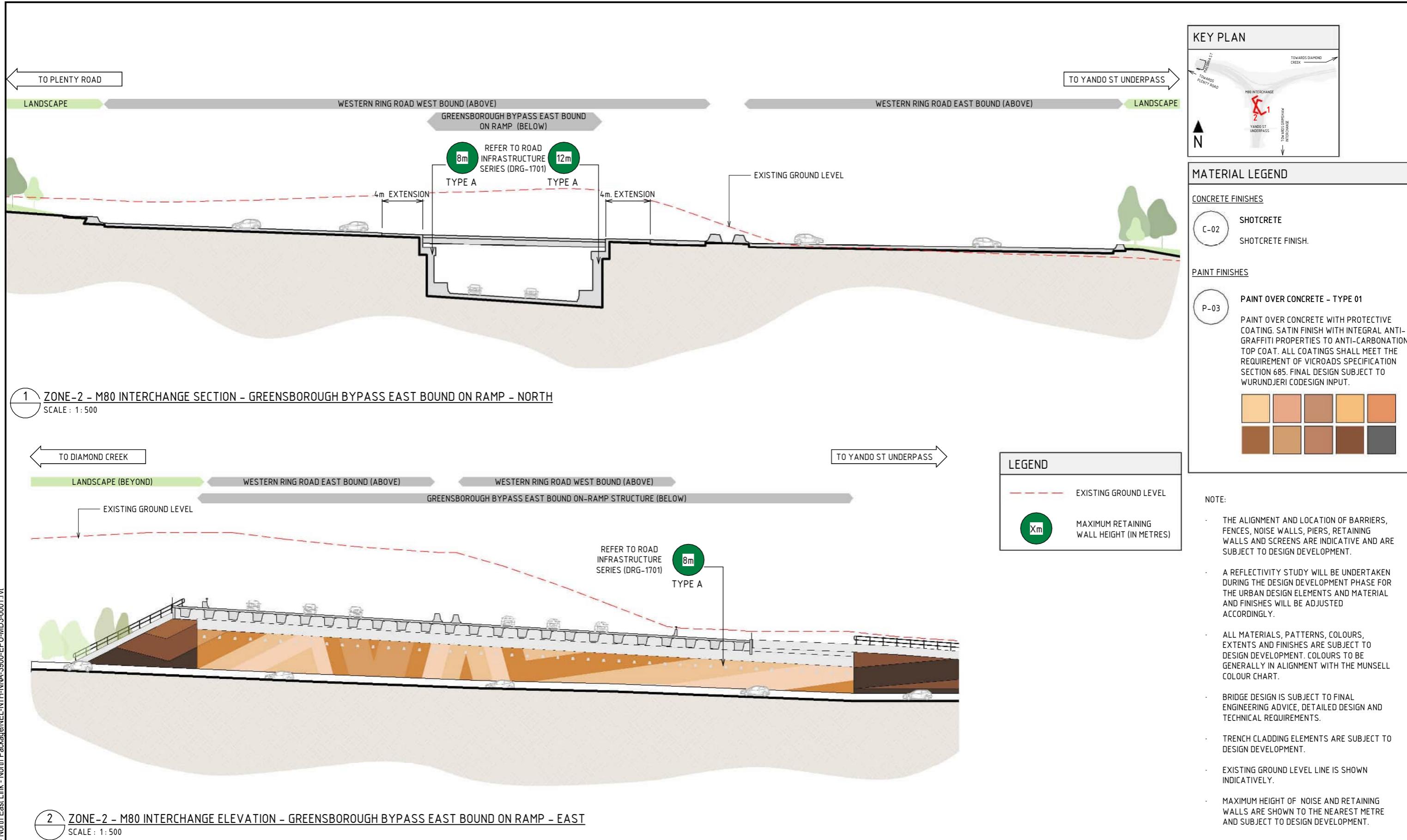


1:15000 150 0 150 300 450 600 750m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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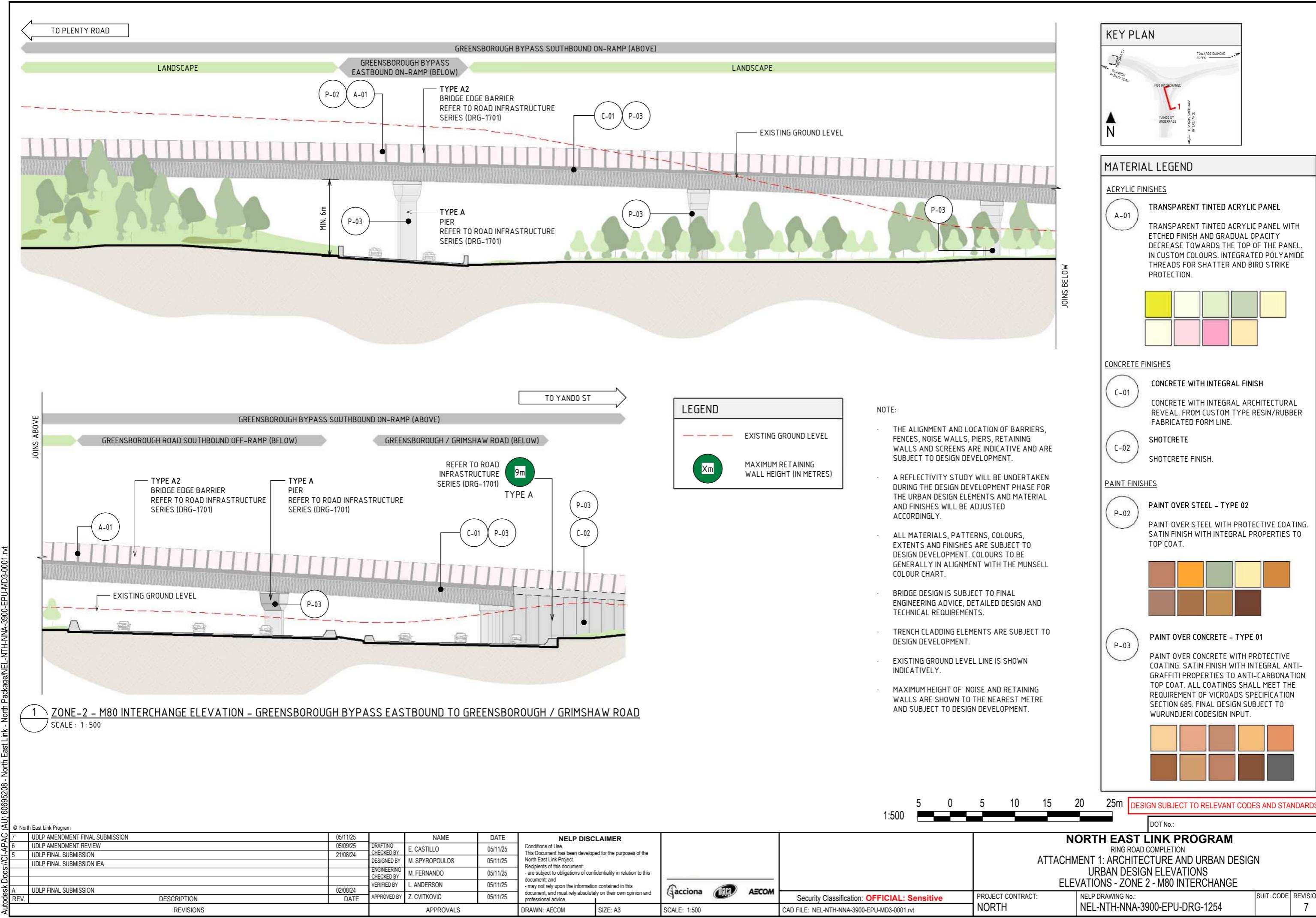
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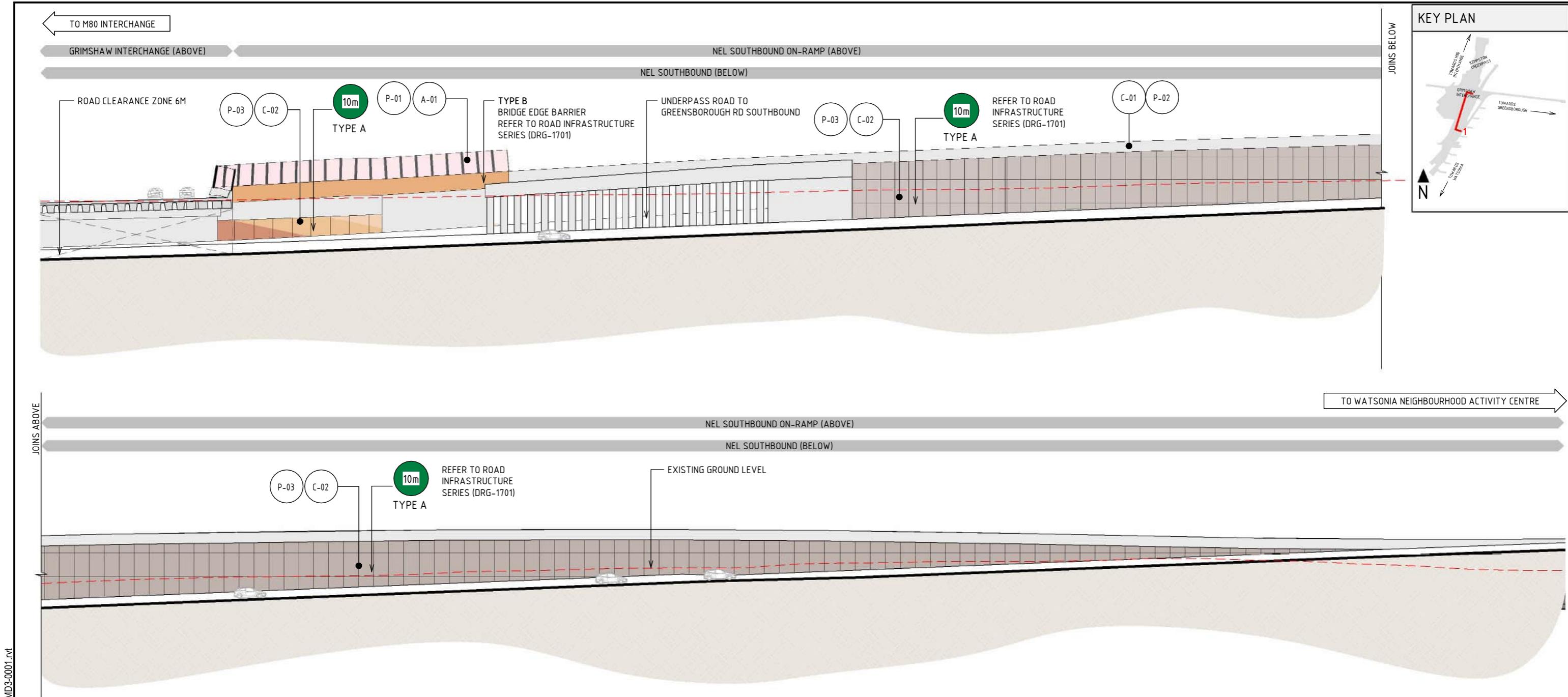


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ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN ELEVATIONS
ELEVATIONS - ZONE 2 - M80 INTERCHANGE

ACT:	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1253	SUIT. CODE	REVISION 7
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1 ZONE 3 - GREENSBOROUGH ZONE ELEVATION - GRIMSHAW INTERCHANGE / NEL SOUTHBOUND EAST FACING
SCALE: 1:500

MATERIAL LEGEND					
ACRYLIC FINISHES		CONCRETE FINISHES			
A-01	TRANSPARENT TINTED ACRYLIC PANEL	C-02	SHOTCRETE	P-03	PAINT OVER CONCRETE - TYPE 01
TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.			PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.		
PAINT FINISHES		P-01	PAINT OVER STEEL - TYPE 01		

LEGEND	
	EXISTING GROUND LEVEL
	MAXIMUM RETAINING WALL HEIGHT (IN METRES)

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.
- ALL MATERIALS, PATTERNS, COLOURS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.

1:500 5 0 5 10 15 20 25m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN ELEVATIONS
ELEVATIONS -ZONE3 - GREENSBOROUGH ROAD



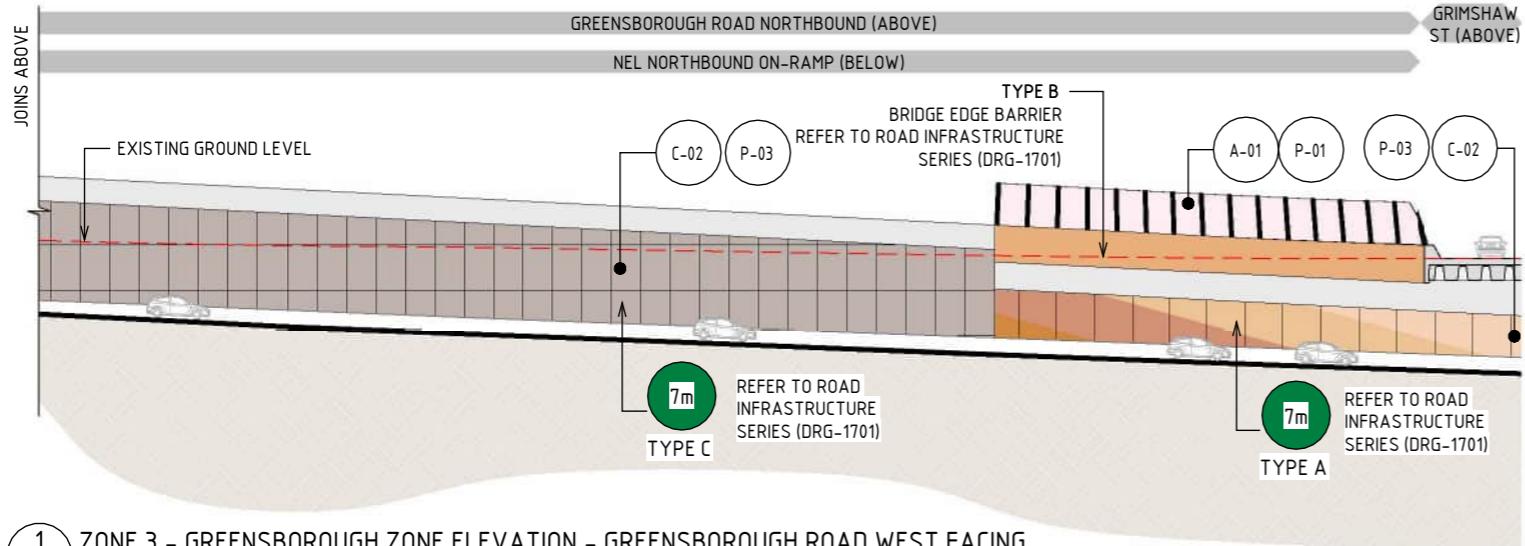
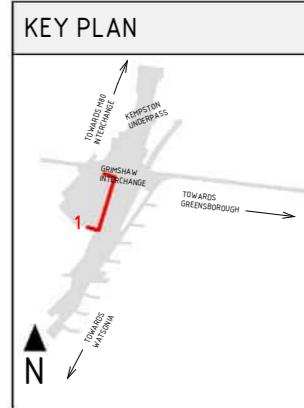
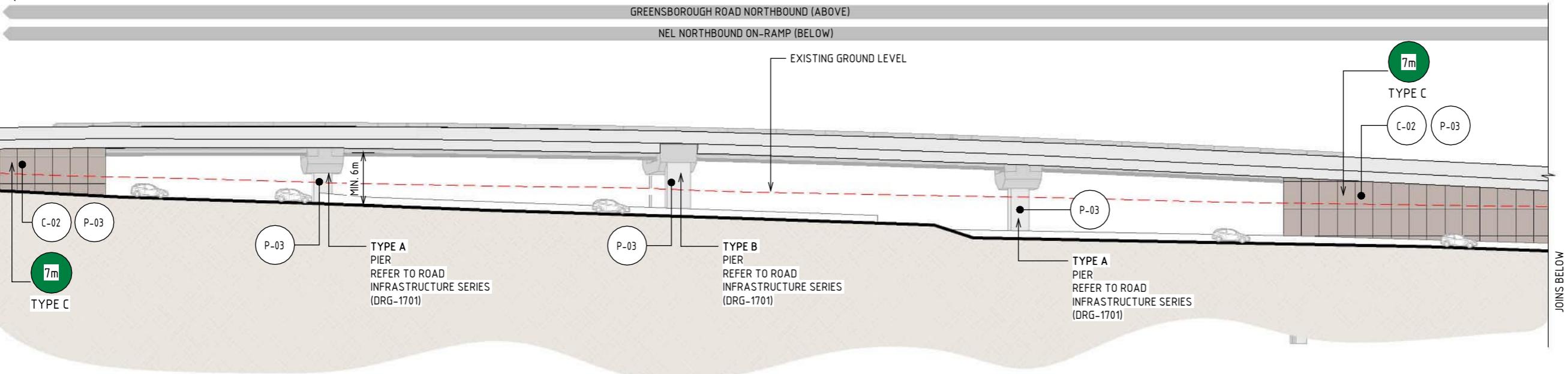
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PROJECT CONTRACT:
NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1255

SUIT. CODE
7

TO WATSONIA



1 ZONE 3 - GREENSBOROUGH ZONE ELEVATION - GREENSBOROUGH ROAD WEST FACING

MATERIAL LEGEND

ACRYLIC FINISHES

A-01 TRANSPARENT TINTED ACRYLIC PANEL
TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHE FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL IN CUSTOM COLOURS. INTEGRATED POLYAMIDETHREADS FOR SHATTER AND BIRD STRIKE PROTECTION.



CONCRETE FINISHES

C-02 SHOTCRETE
SHOTCRETE FINISH.

P-03

PAINT FINISHES

PAINT OVER CONCRETE - TYPE 01
PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.



P-01 PAINT OVER STEEL - TYPE 01
PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



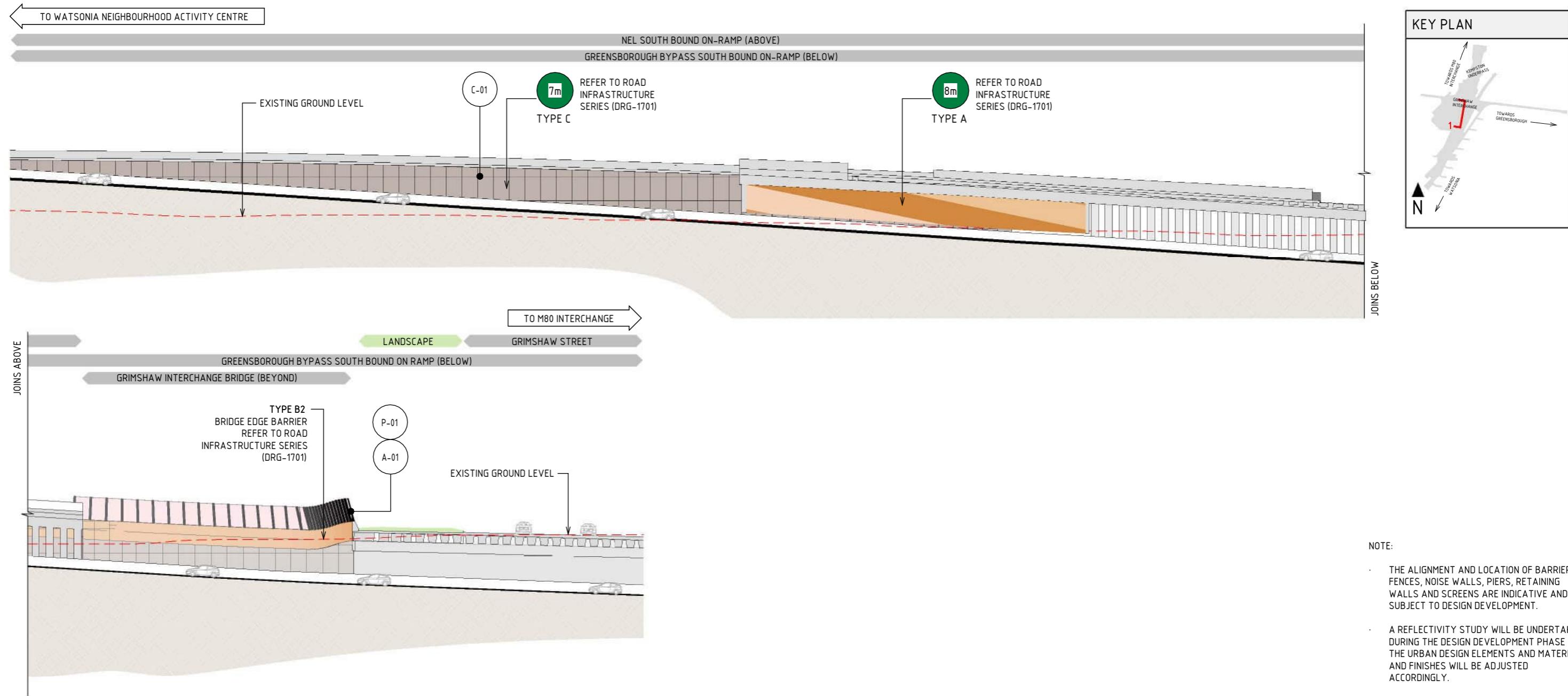
LEGEND

--- EXISTING GROUND LEVEL

Xm MAXIMUM RETAINING WALL HEIGHT (IN METRES)

1:500 5 0 5 10 15 20 25m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:



1 ZONE 3 - GREENSBOROUGH ZONE SECTION - GREENSBOROUGH BYPASS SOUTH BOUND WEST FACING
SCALE : 1: 500

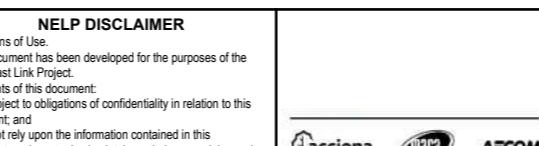
MATERIAL LEGEND		
ACRYLIC FINISHES	CONCRETE FINISHES	PAINT FINISHES
A-01 TRANSPARENT TINTED ACRYLIC PANEL	C-01 CONCRETE WITH INTEGRAL FINISH	P-01 PAINT OVER STEEL - TYPE 01
TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.	CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.	PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.

LEGEND	
EXISTING GROUND LEVEL	MAXIMUM RETAINING WALL HEIGHT (IN METRES)

1:500 5 0 5 10 15 20 25m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
URBAN DESIGN ELEVATIONS
ELEVATIONS -ZONE3 - GREENSBOROUGH ROAD



Security Classification: OFFICIAL: Sensitive
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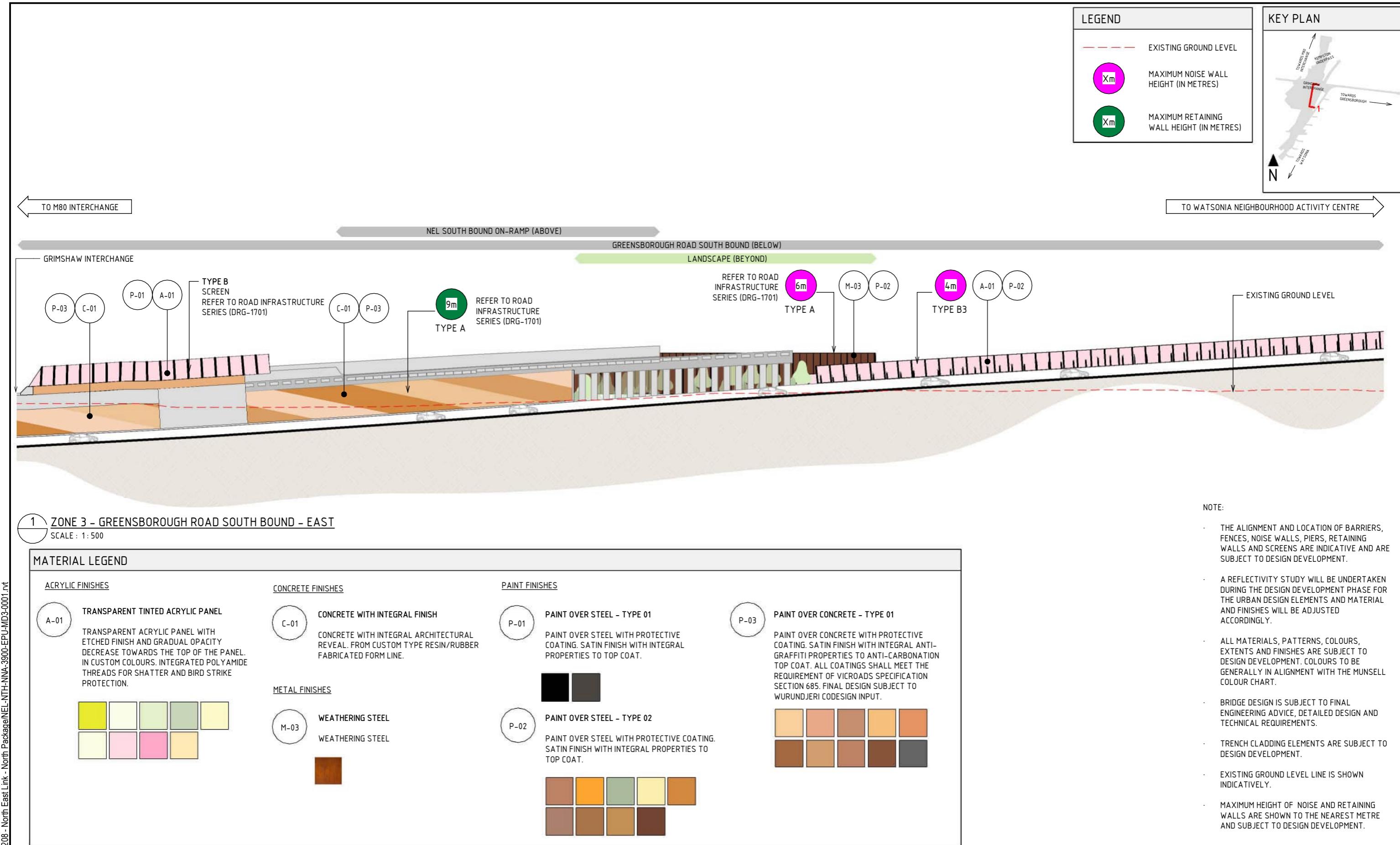
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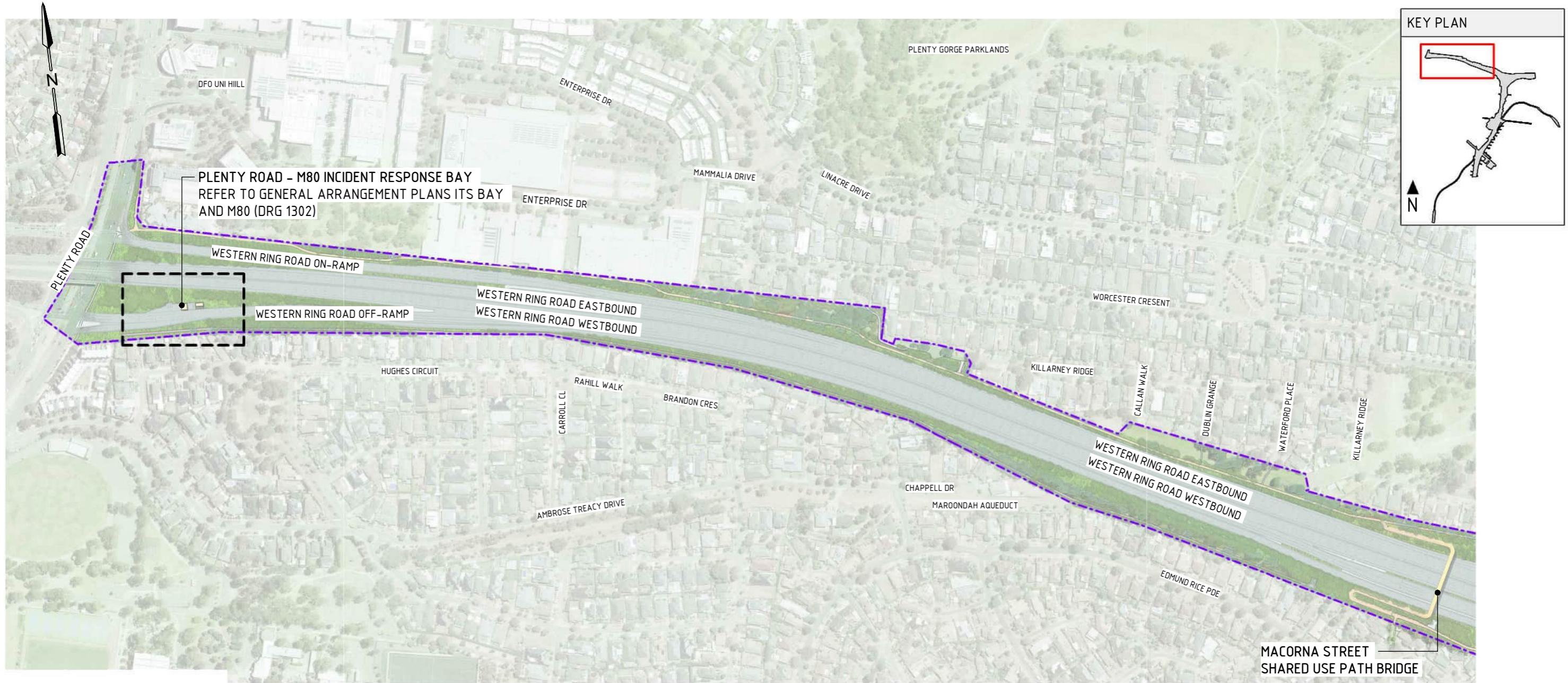
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SUIT. CODE
REVISION
7

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25				05/11/25
5	UDLP FINAL SUBMISSION	21/08/24	DESIGNED BY	M. SPYROPOULOS		05/11/25
	UDLP FINAL SUBMISSION IEA		ENGINEERING CHECKED BY	M. FERNANDO		05/11/25
			VERIFIED BY	L. ANDERSON		05/11/25
A	UDLP FINAL SUBMISSION	02/08/24	APPROVED BY	Z. CVITKOVIC		05/11/25

REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: 1:500
	REVISIONS					





ZONE 1 M80 RING ROAD

LOCALITY PLAN
SCALE 1:5000

DRAWING INDEX

DRAWING NAME	SHEET NUMBER
LOCALITY PLAN	NEL-NTH-NNA-3900-EPU-DRG-1301
GENERAL ARRANGEMENT PLANS - ITS BAY AND M80	NEL-NTH-NNA-3900-EPU-DRG-1302



NOTE:

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- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ROAD DESIGN. SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- FOR DETAIL OF THE LANDSCAPE DESIGN, PLEASE REFER TO ATTACHMENT 2 - LANDSCAPE DESIGN
- FOR DESIGN VISUALISATIONS, PLEASE REFER TO ATTACHMENT 3 - URBAN DESIGN VISUALISATIONS
- FOR DETAILS ON THE OVERSHADING AND OVERLOOKING, PLEASE REFER TO ATTACHMENT 4 - URBAN DESIGN OVERSHADING AND OVERLOOKING ASSESSMENT

1:5000 50 0 50 100 150 200 250m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE	
6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25	
5	UDLP FINAL SUBMISSION	21/08/24				
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25	
3	UDLP REVISION 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25	
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25	
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25	

REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: 1:5000	Security Classification: OFFICIAL: Sensitive	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1301	SUIT. CODE	REVISION
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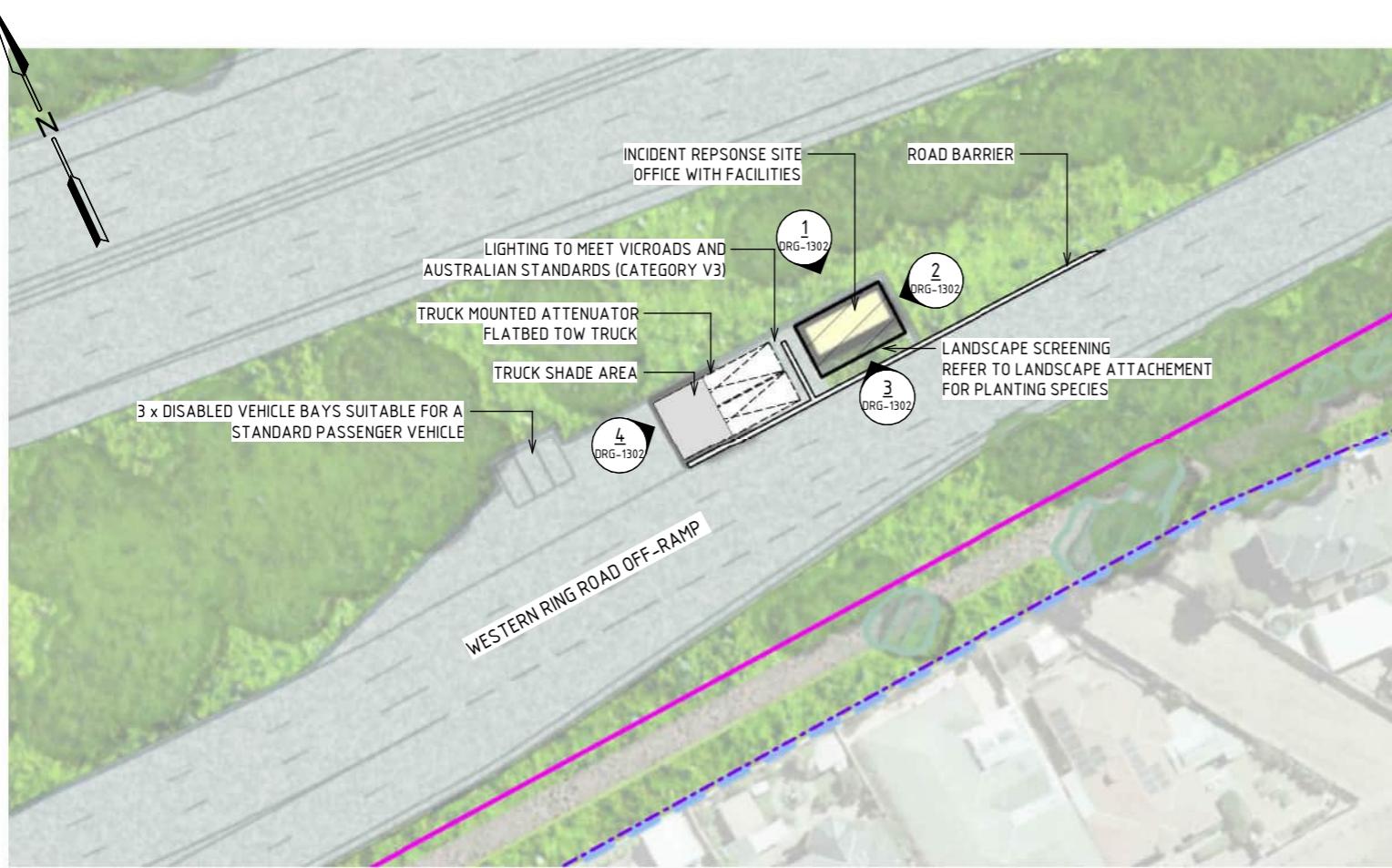
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 1 M80 RING ROAD
LOCALITY PLAN



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CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nvt

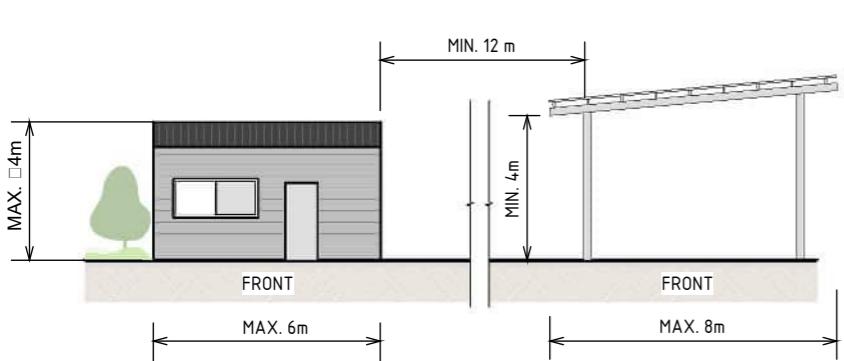
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NORTH

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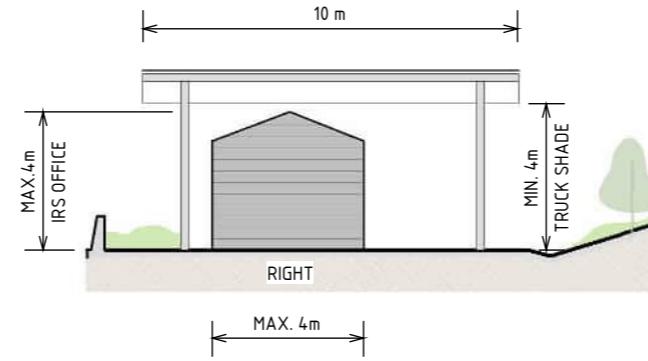
GENERAL ARRANGEMENT - INCIDENT RESPONSE BAY PLENTY ROAD WESTBOUND

SCALE 1: 750



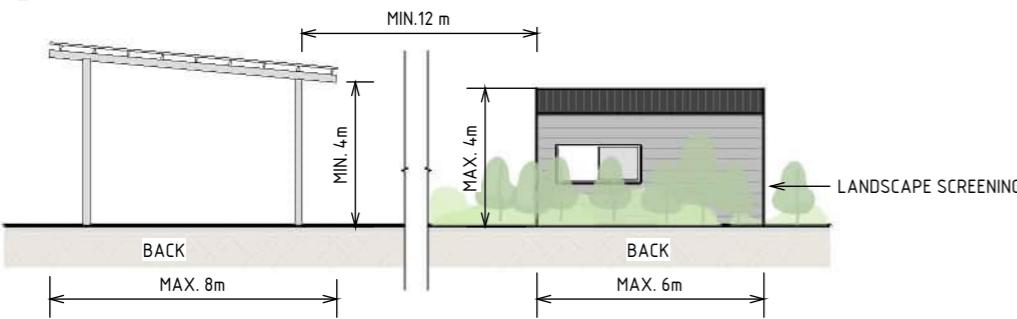
1 NORTH ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE

SCALE : 1: 200



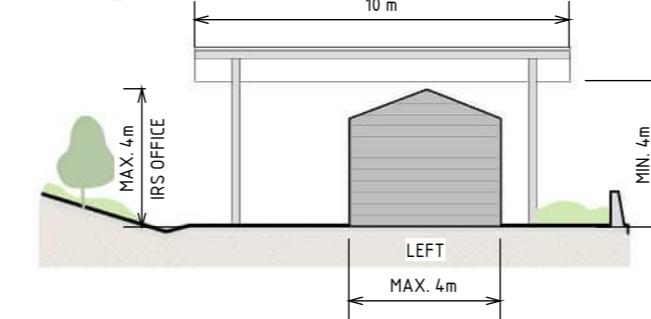
2 EAST ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE

SCALE : 1: 200



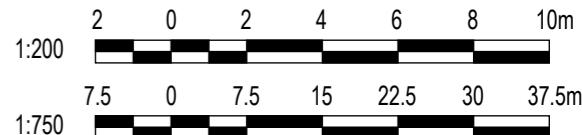
3 SOUTH ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE

SCALE : 1: 200



4 WEST ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE

SCALE : 1: 200



DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 1 M80 RING ROAD
GENERAL ARRANGEMENT - M80 INCIDENT RESPONSE BAY

PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1302
SUIT. CODE: 7
REVISION

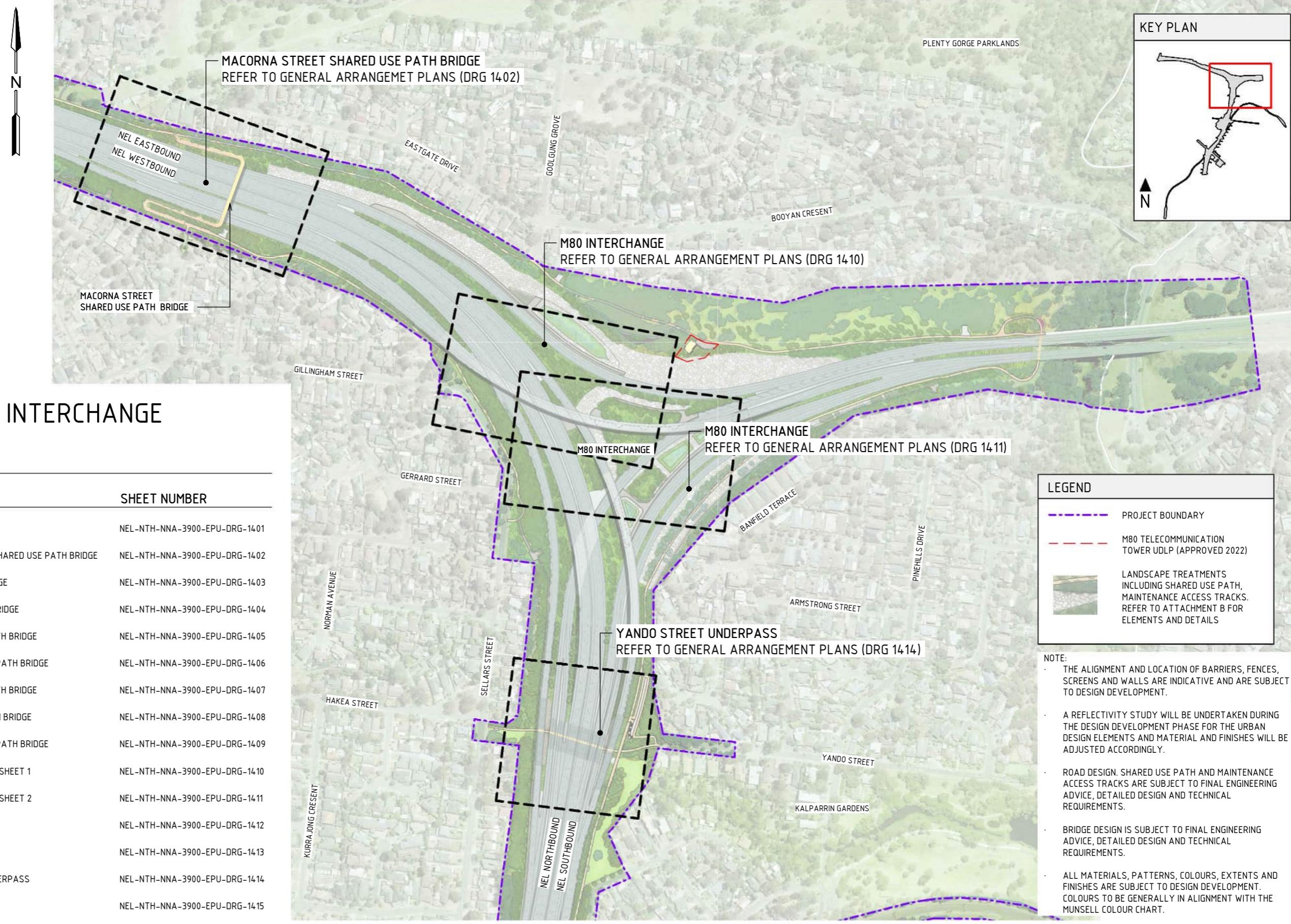
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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO
6	UDLP AMENDMENT REVIEW	05/09/25		05/11/25
5	UDLP FINAL SUBMISSION	21/08/24	M. SPYROPOULOS	05/11/25
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING CHECKED BY	M. FERNANDO
3	UDLP REVISION 1	29/01/24		05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON
1	PUBLIC EXHIBITION	25/09/23		05/11/25
REVISIONS		APPROVALS		DRAWN: AECOM SIZE: A3
REVISIONS		APPROVALS		SCALE: AS SHOWN



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REV.	DESCRIPTION	DATE	APPROVED BY	DATE
7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO
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2	UDLP IEA REVIEW	21/12/23		05/11/25
1	PUBLIC EXHIBITION	25/09/23		05/11/25

REVISIONS

APPROVALS

DRAWN: AECOM

SIZE: A3

SCALE: 1:15000

CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nvt

Security Classification: OFFICIAL: Sensitive

PROJECT CONTRACT: NORTH

NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1401

SUIT. CODE: 7

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LOCALITY PLAN
SCALE 1:50001:5000
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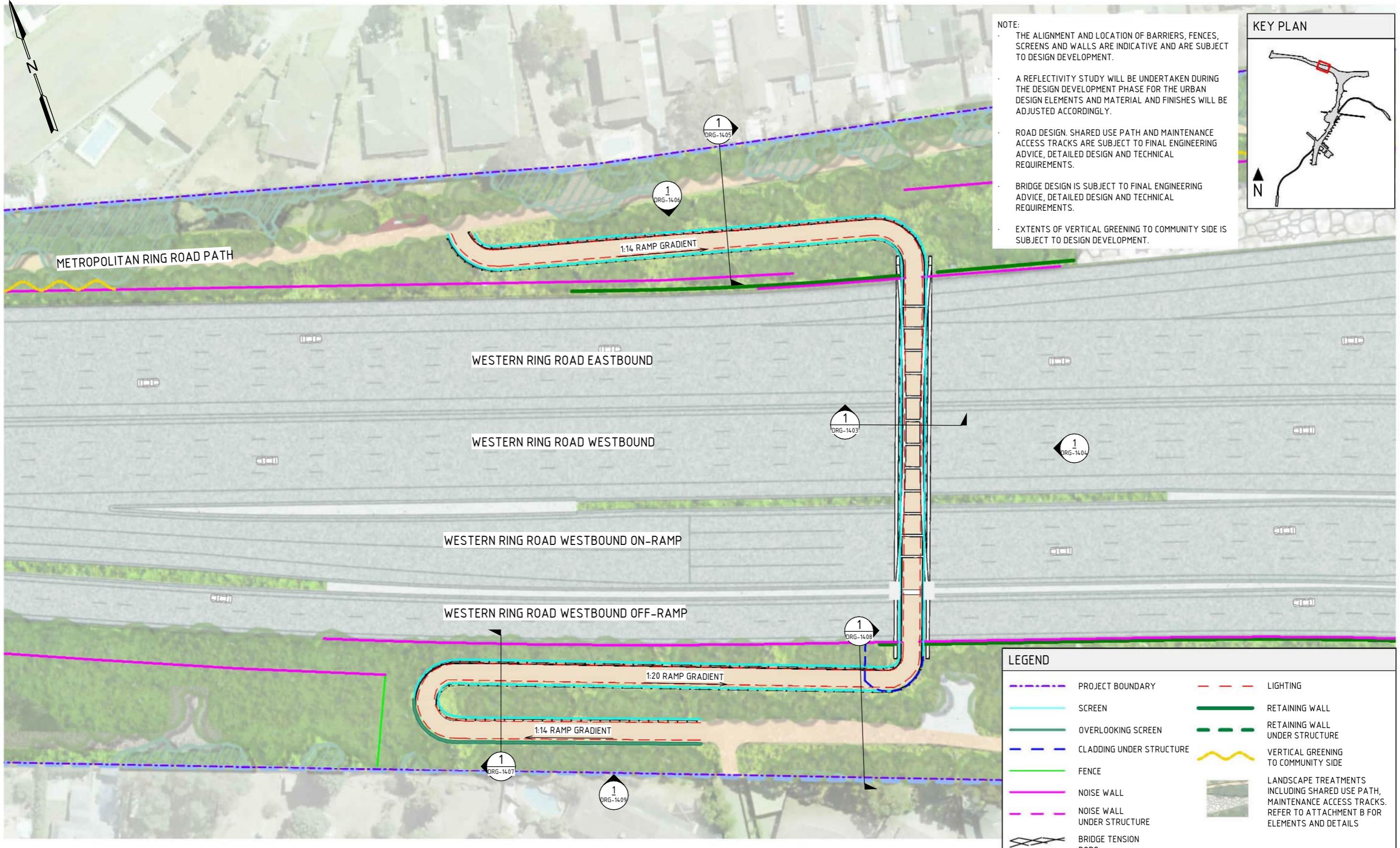
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
LOCALITY PLAN



Security Classification: OFFICIAL: Sensitive
PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1401
SUIT. CODE: 7

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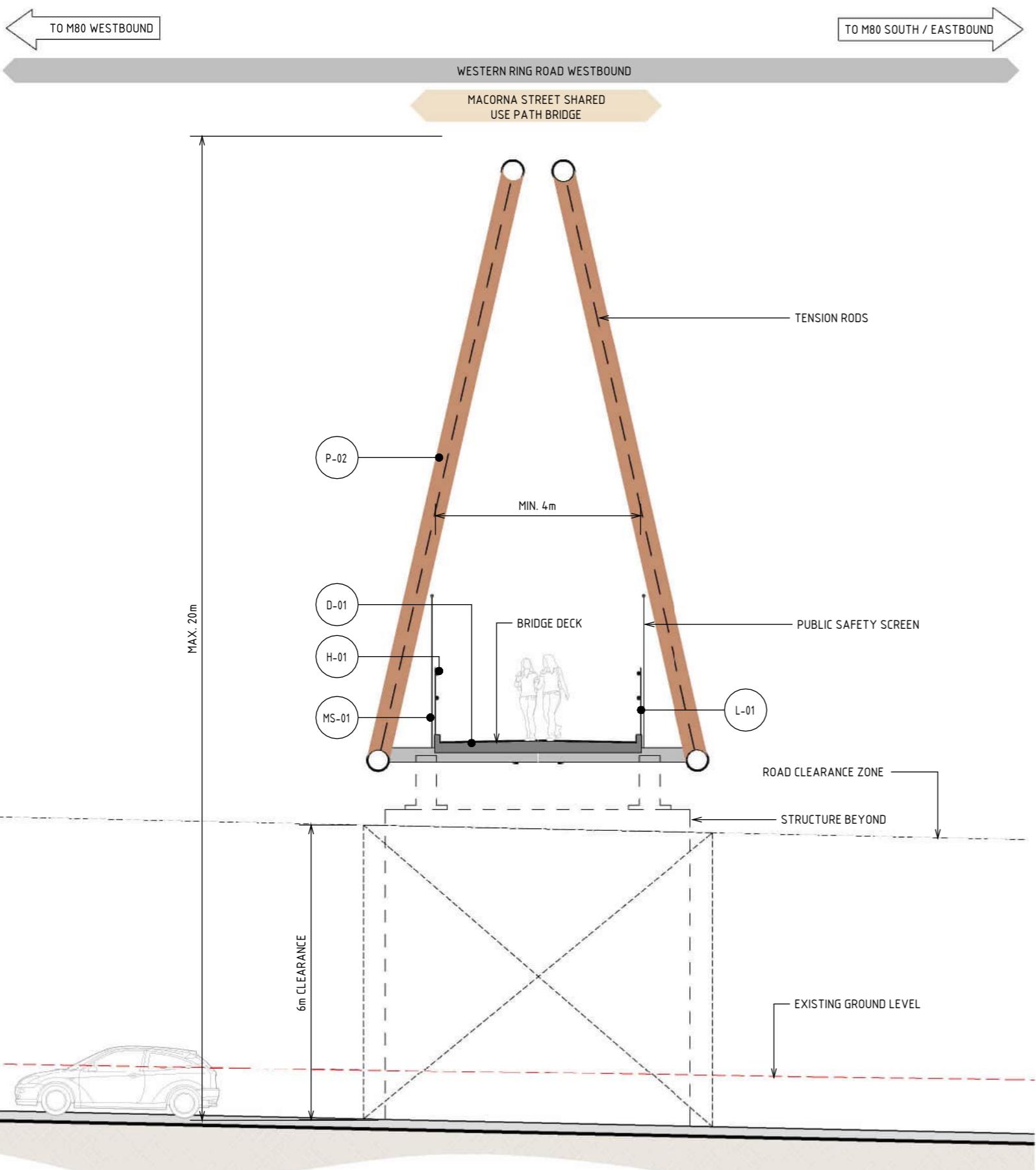
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3	UDLP REVIEW 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

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NORTH EAST LINK PROGRAM		
RING ROAD COMPLETION		
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN		
ZONE 2 M80 INTERCHANGE		
GENERAL ARRANGEMENT PLAN - MACORNA STREET SHARED USE PATH BRIDGE		



1 SECTION - MACORNA STREET SHARED USE PATH BRIDGE
SCALE : 1:100

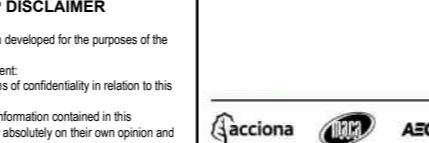
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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: 1:100	CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.rvt	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1403	SUIT. CODE	REVISION
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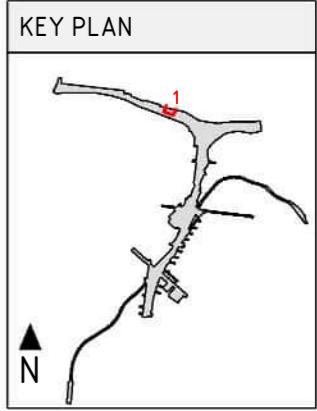
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1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS



LEGEND

--- EXISTING GROUND LEVEL

MATERIAL LEGEND

MESH FINISHES

MS-01 WIRE MESH PROTECTION SCREEN
WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.

PAINT FINISHES

P-02 PAINT OVER STEEL - TYPE 02
PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



DECKING FINISHES

D-01 BRIDGE DECK
BRIDGE DECK WATER PROOFING, MAINTENANCE COATING AND ANTI-SLIP TEXTURING.

HANDRAIL FINISHES

H-01 STAINLESS STEEL HANDRAIL
CONTINUOUS HANDRAIL, 316 STAINLESS STEEL FINISH. 50mm DIAMETER.

LIGHTING

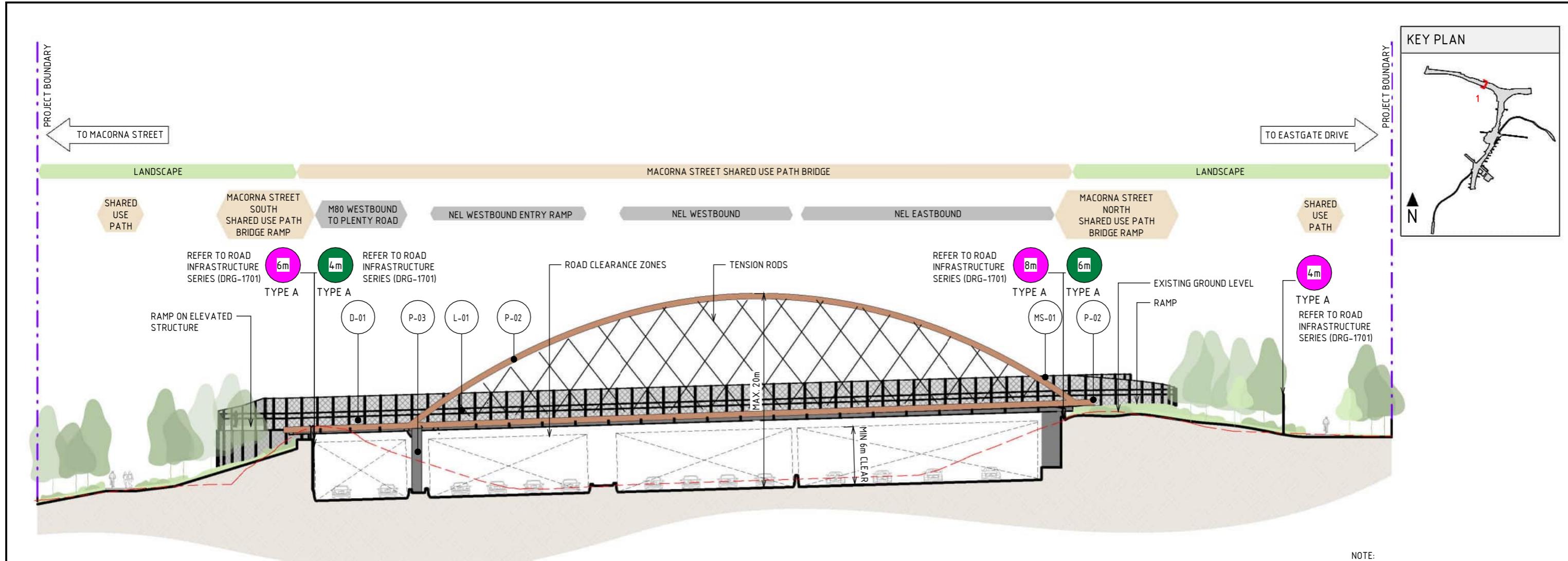
L-01 LIGHTING
LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE.

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
MACORNA STREET SHARED USE PATH BRIDGE SECTION



NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, PIERS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENTS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

MATERIAL LEGEND		PAINT FINISHES		PAINT OVER CONCRETE - TYPE 01	
<u>MESH FINISHES</u>		<u>PAINT OVER STEEL - TYPE 02</u>		<u>PAINT OVER CONCRETE - TYPE 01</u>	
MS-01	WIRE MESH PROTECTION SCREEN	P-02	WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.	P-03	PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.
<u>DECKING FINISHES</u>		D-01	BRIDGE DECK WATER PROOFING, MAINTENANCE COATING AND ANTI-SLIP TEXTURING.		PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.
L-01	LIGHTING		LIGHTING		

LEGEND	
—	PROJECT BOUNDARY
- - -	EXISTING GROUND LEVEL

1:400 4 0 4 8 12 16 20m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25				
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4	UDLP FINAL SUBMISSION IEA	02/08/24				
3	UDLP REVIEW 1	29/01/24	ENGINEERING CHECKED BY	M. SPYROPOULOS		05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	M. FERNANDO		05/11/25
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REV.	DESCRIPTION	DATE		Z. CVITKOVIC		05/11/25

REVISIONS

Note: * Indicates signed documents as drawings will not have wet signatures.

acciona MACA AECOM

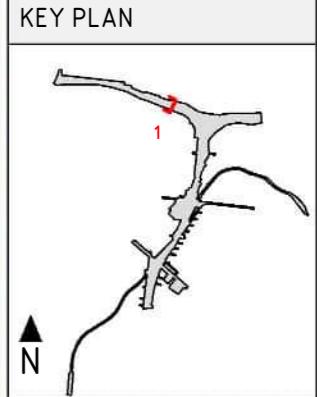
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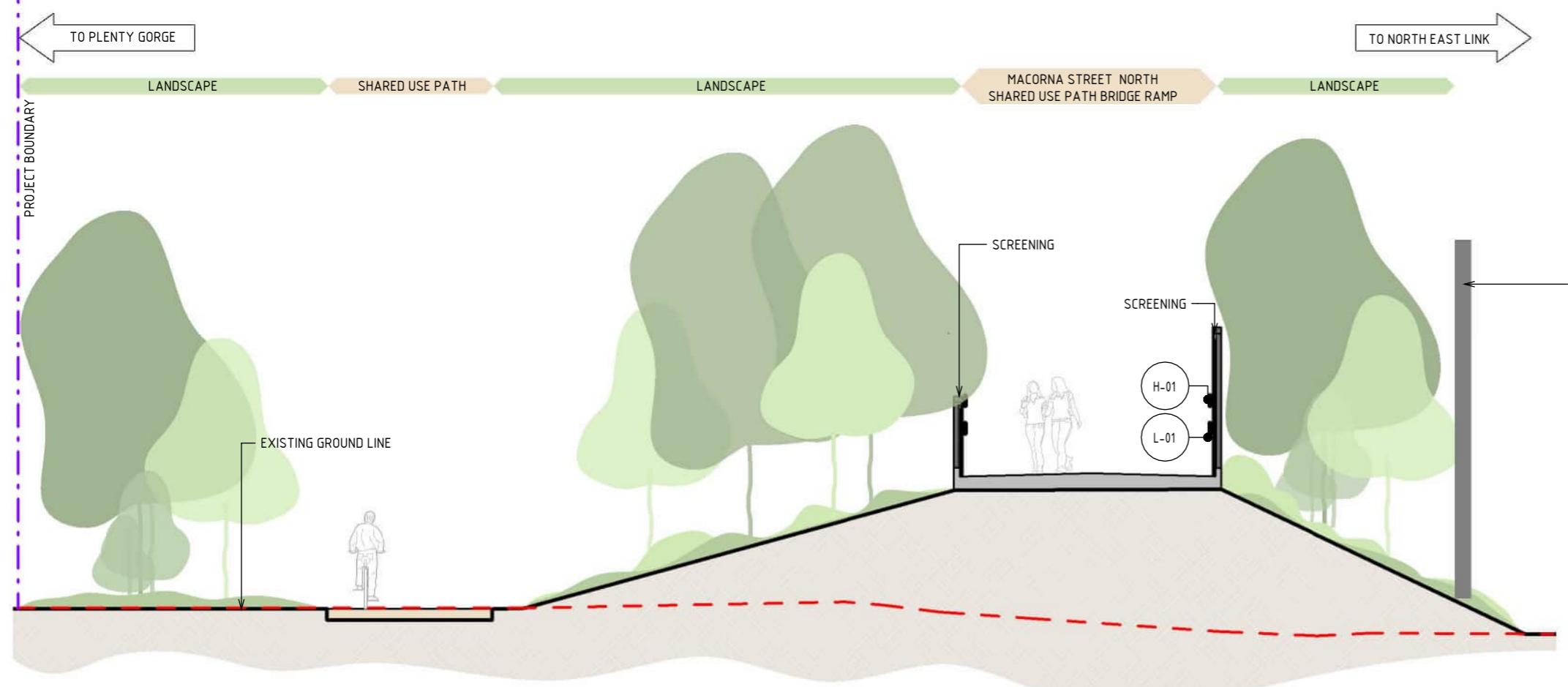
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NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1404

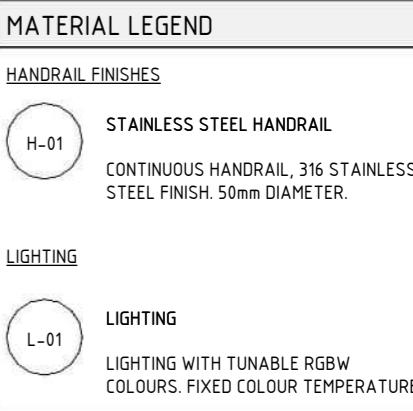
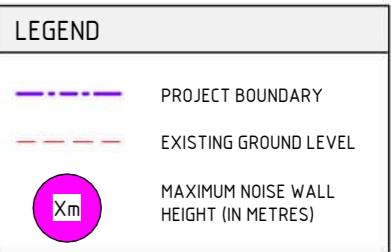
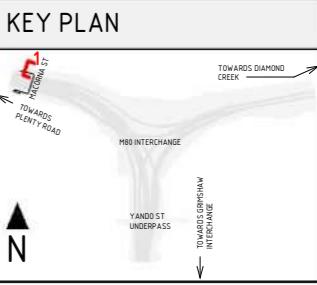
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
MACORNA STREET SHARED USE PATH BRIDGE ELEVATION



1 SECTION - MACORNA STREET- NORTH- INTERFACE BETWEEN SHARED USE PATH AND BRIDGE RAMP
SCALE : 1: 100



NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

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6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24			
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
3		29/01/24	ENGINEERING	M. FERNANDO	05/11/25
2	UDLP IEA REVIEW	21/12/23	CHECKED BY	L. ANDERSON	05/11/25
1	PUBLIC EXHIBITION	25/09/23	VERIFIED BY	Z. CVITKOVIC	05/11/25

REV. DESCRIPTION DATE APPROVED BY

REVISIONS

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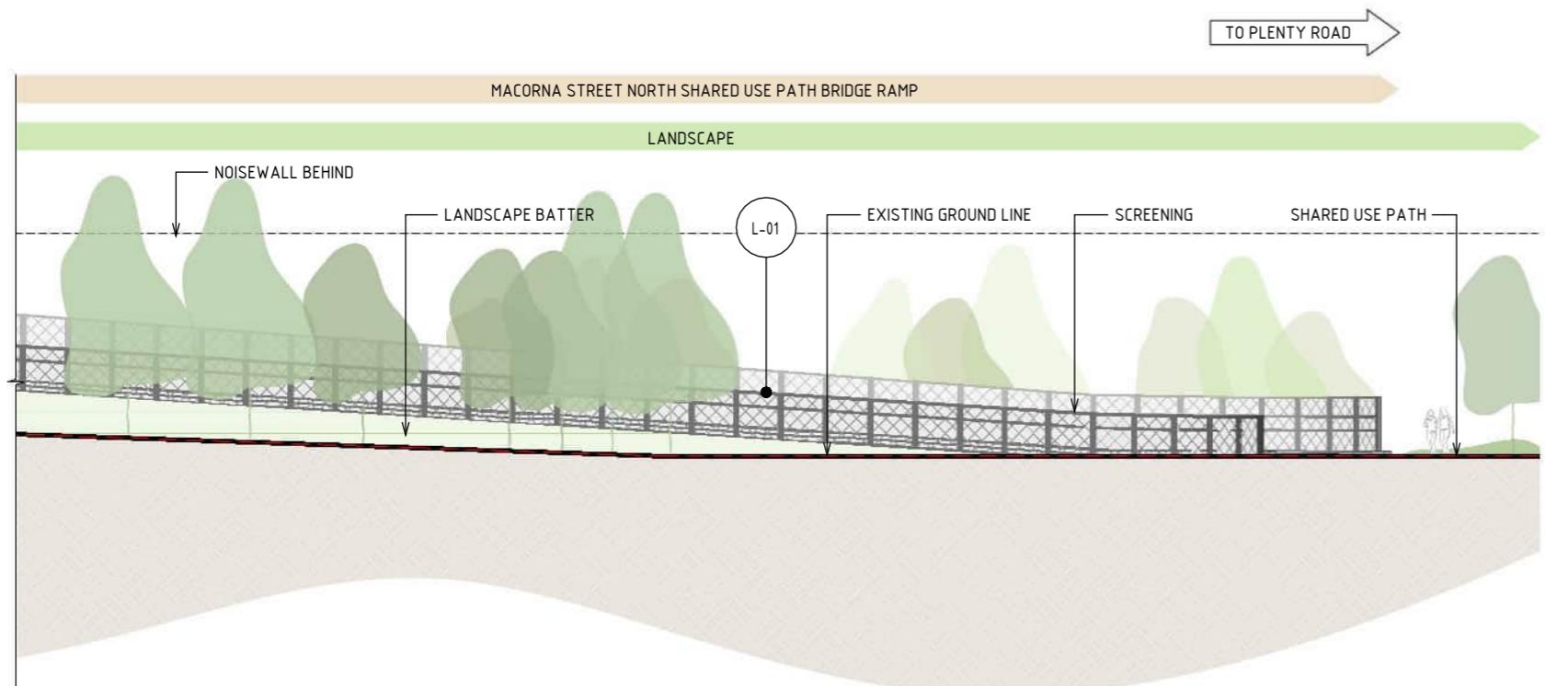
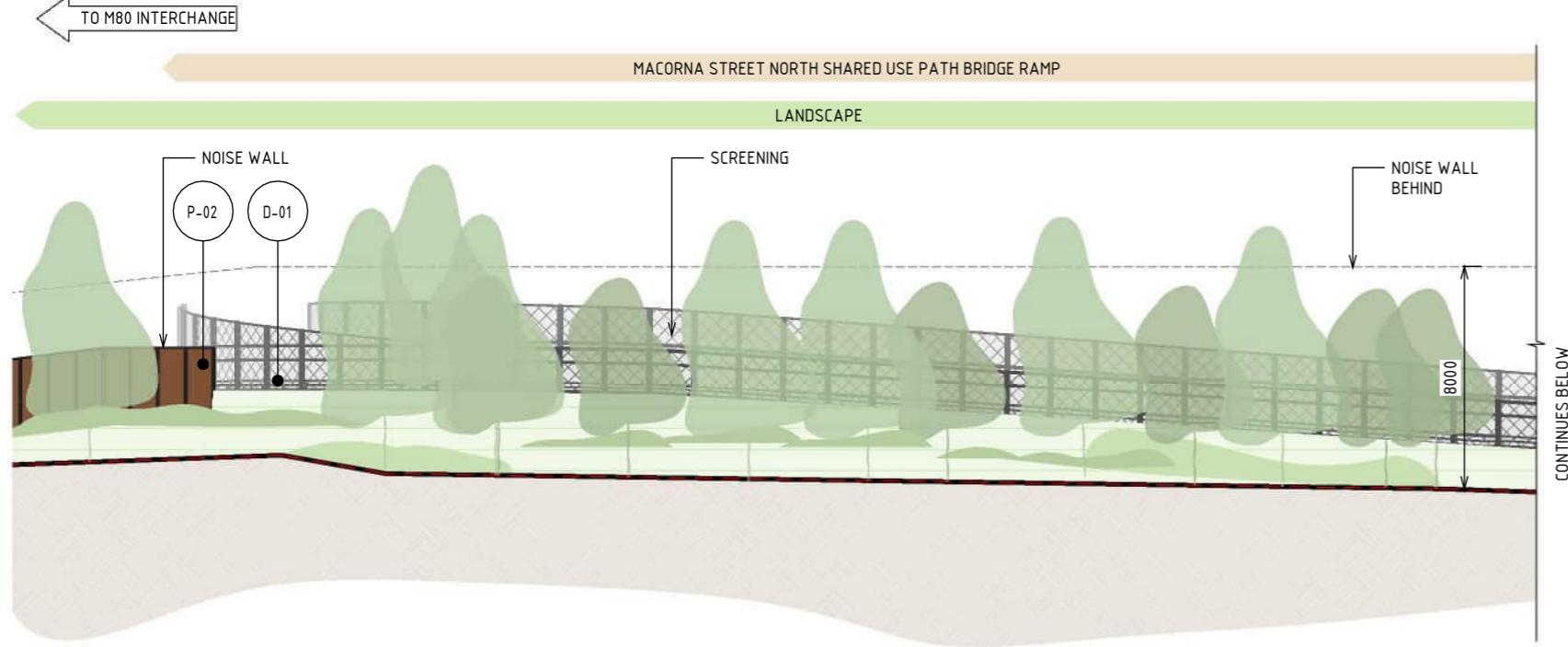
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
MACORNA STREET NORTH SHARED USE PATH BRIDGE SECTION

PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1405
SUIT. CODE: 7

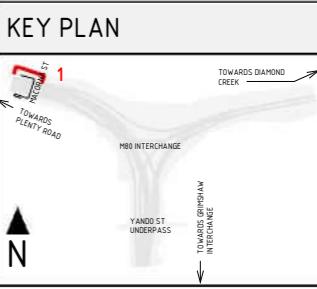


1 ELEVATION - MACORNA STREET - NORTH- INTERFACE BETWEEN SHARED USE PATH AND BRIDGE
SCALE : 1: 250

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, PIERS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

1:250 2.5 0 2.5 5 7.5 10 12.5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS



LEGEND

--- EXISTING GROUND LEVEL

MATERIAL LEGEND

PAINT FINISHES

P-02

PAINT OVER STEEL - TYPE 02
PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



DECKING FINISHES

D-01

BRIDGE DECK
BRIDGE DECK WATER PROOFING, MAINTENANCE COATING AND ANTI-SLIP TEXTURING.

LIGHTING

L-01

LIGHTING
LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE.

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3	UDLP REVIEW 1	29/01/24	CHECKED BY		
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV. DESCRIPTION DATE

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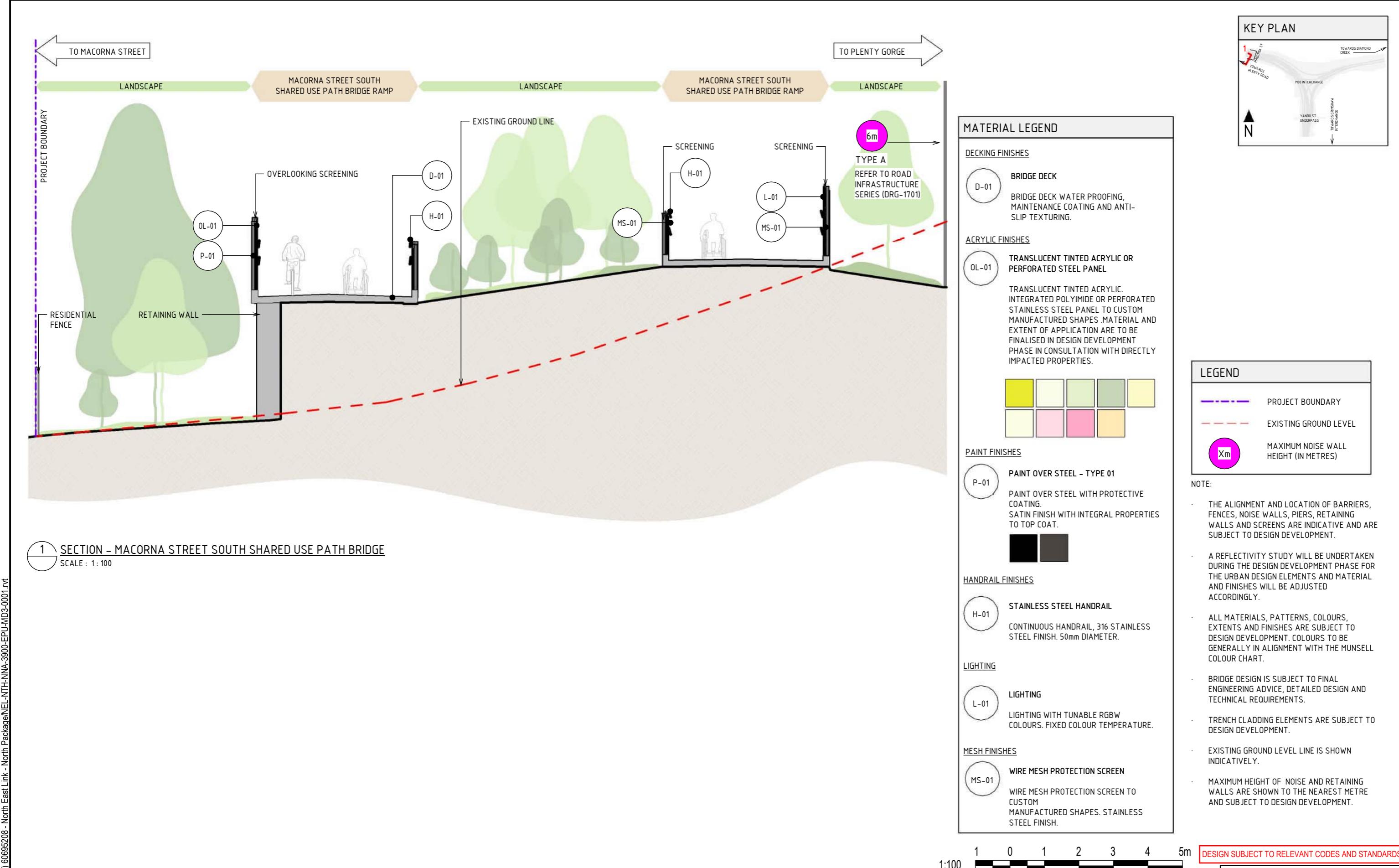
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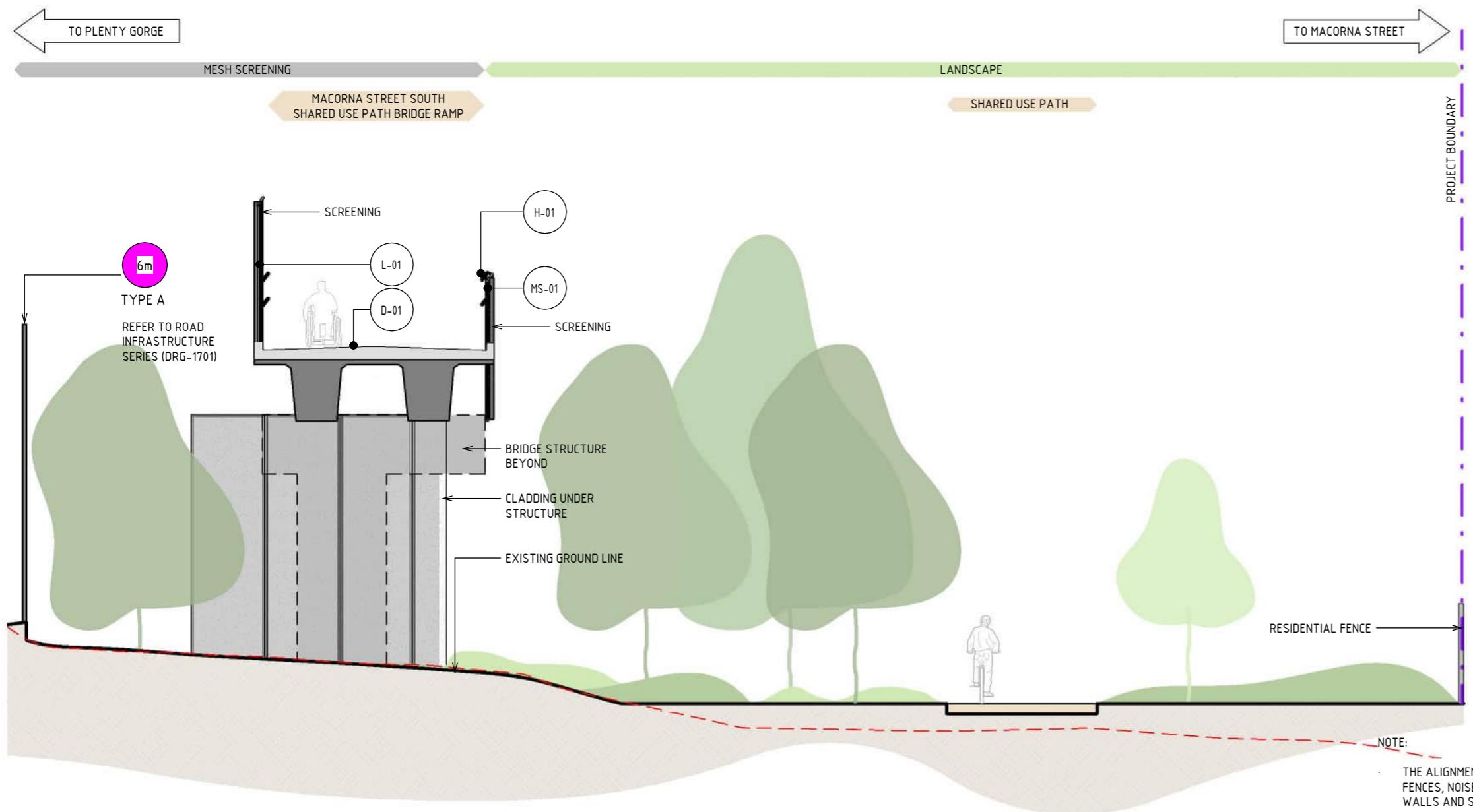
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
MACORNA STREET NORTH SHARED USE PATH BRIDGE ELEVATION

CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nft



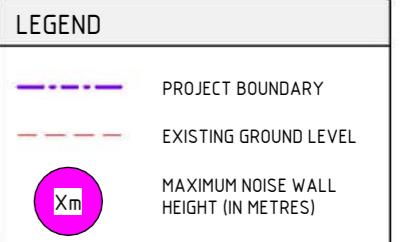
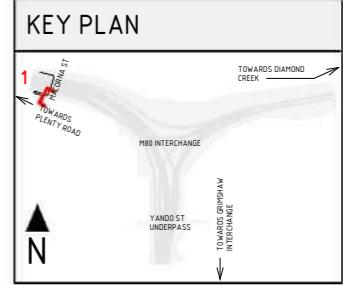
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

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	REVISIONS										7



1 SECTION - MACORNA STREET SOUTH SHARED USE PATH BRIDGE
SCALE : 1: 100

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS



DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
MACORNA STREET SOUTH UNDERCROFT SECTION

PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1408
SUIT. CODE: 7

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV. DESCRIPTION DATE APPROVALS DRAWN: AECOM SIZE: A3 SCALE: 1:100 CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nft

REVISIONS

APPROVALS

DRAWN: AECOM

SIZE: A3

SCALE: 1:100

CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nft

PROJECT CONTRACT: NORTH

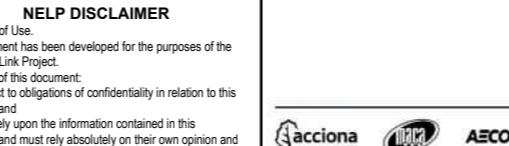
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Security Classification: OFFICIAL: Sensitive

PROJECT CONTRACT:

NORTH

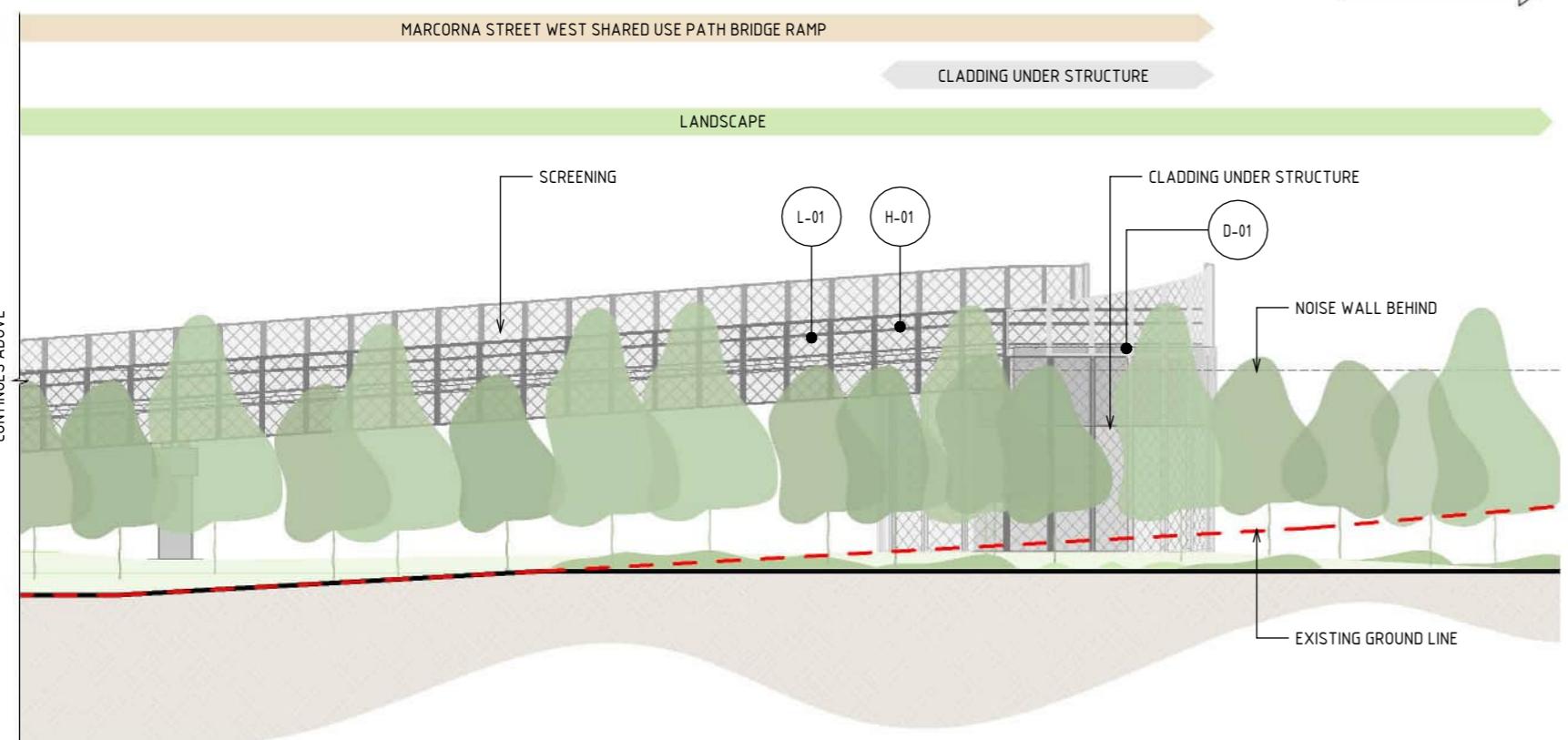
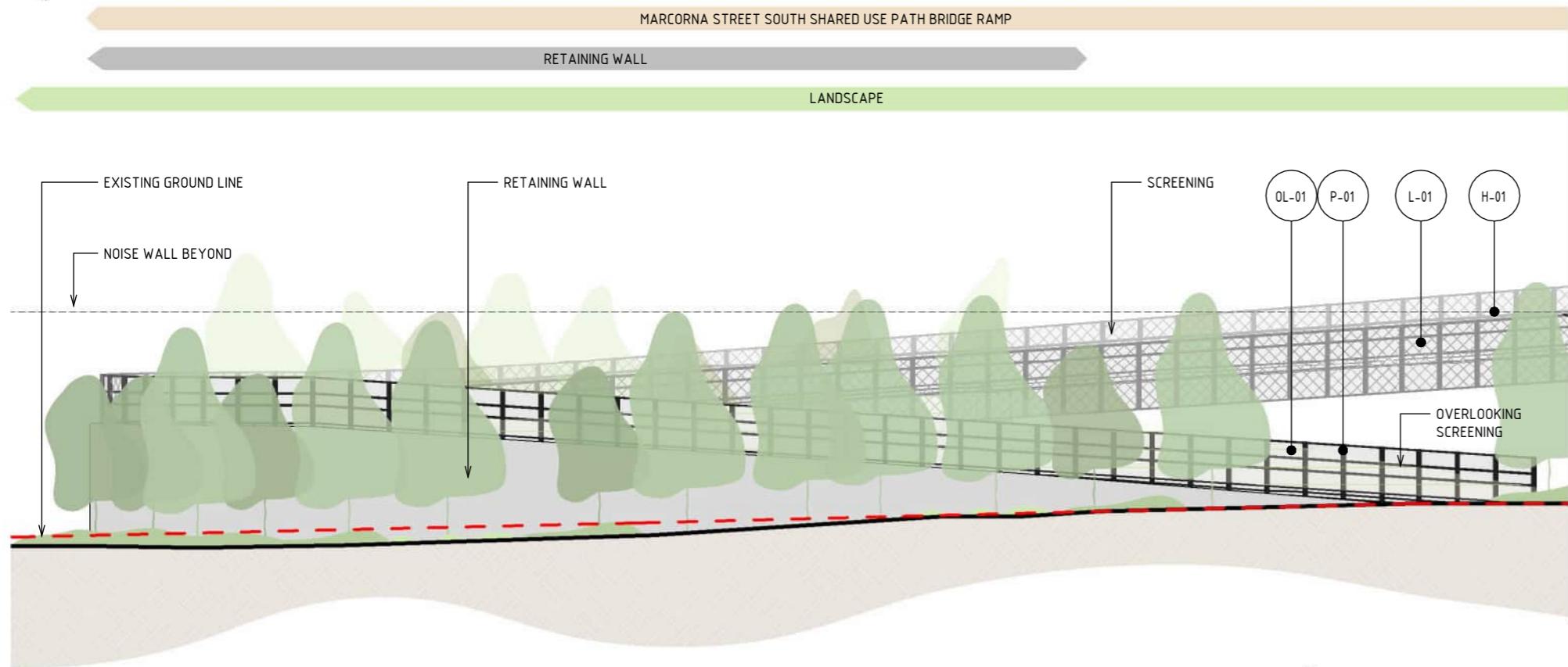
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NEL-NTH-NNA-3900-EPU-DRG-1408

SUIT. CODE:

7

TO PLENTY ROAD



1 ELEVATION - MACORNA STREET - SOUTH - SHARED USE PATH BRIDGE

SCALE : 1: 250

1:250 2.5 0 2.5 5 7.5 10 12.5m

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25
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DRAWN: AECOM

SIZE: A3

SCALE: 1:250

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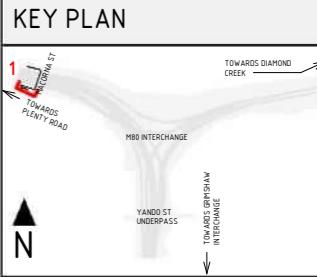
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PROJECT CONTRACT:
NORTHNELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1409

DOT No.:

NORTH EAST LINK PROGRAM	
RING ROAD COMPLETION	
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN	
ZONE 2 M80 INTERCHANGE	
MACORNA STREET SOUTH SHARED USE PATH UNDERCROFT ELEVATION	

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MATERIAL LEGEND

ACRYLIC FINISHES



TRANSLUCENT TINTED ACRYLIC OR PERFORATED STEEL PANEL

TRANSLUCENT TINTED ACRYLIC, INTEGRATED POLYIMIDE OR PERFORATED STAINLESS STEEL PANEL TO CUSTOM MANUFACTURED SHAPES. MATERIAL AND EXTENT OF APPLICATION ARE TO BE FINALISED IN DESIGN DEVELOPMENT PHASE IN CONSULTATION WITH DIRECTLY IMPACTED PROPERTIES.



DECKING FINISHES



BRIDGE DECK

BRIDGE DECK WATER PROOFING, MAINTENANCE COATING AND ANTI-SLIP TEXTURING.

PAINT FINISHES



PAINT OVER STEEL - TYPE 01

PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



HANDRAIL FINISHES



STAINLESS STEEL HANDRAIL

CONTINUOUS HANDRAIL, 316 STAINLESS STEEL FINISH. 50mm DIAMETER.

LIGHTING



LIGHTING

LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE.

MESH FINISHES



WIRE MESH PROTECTION SCREEN

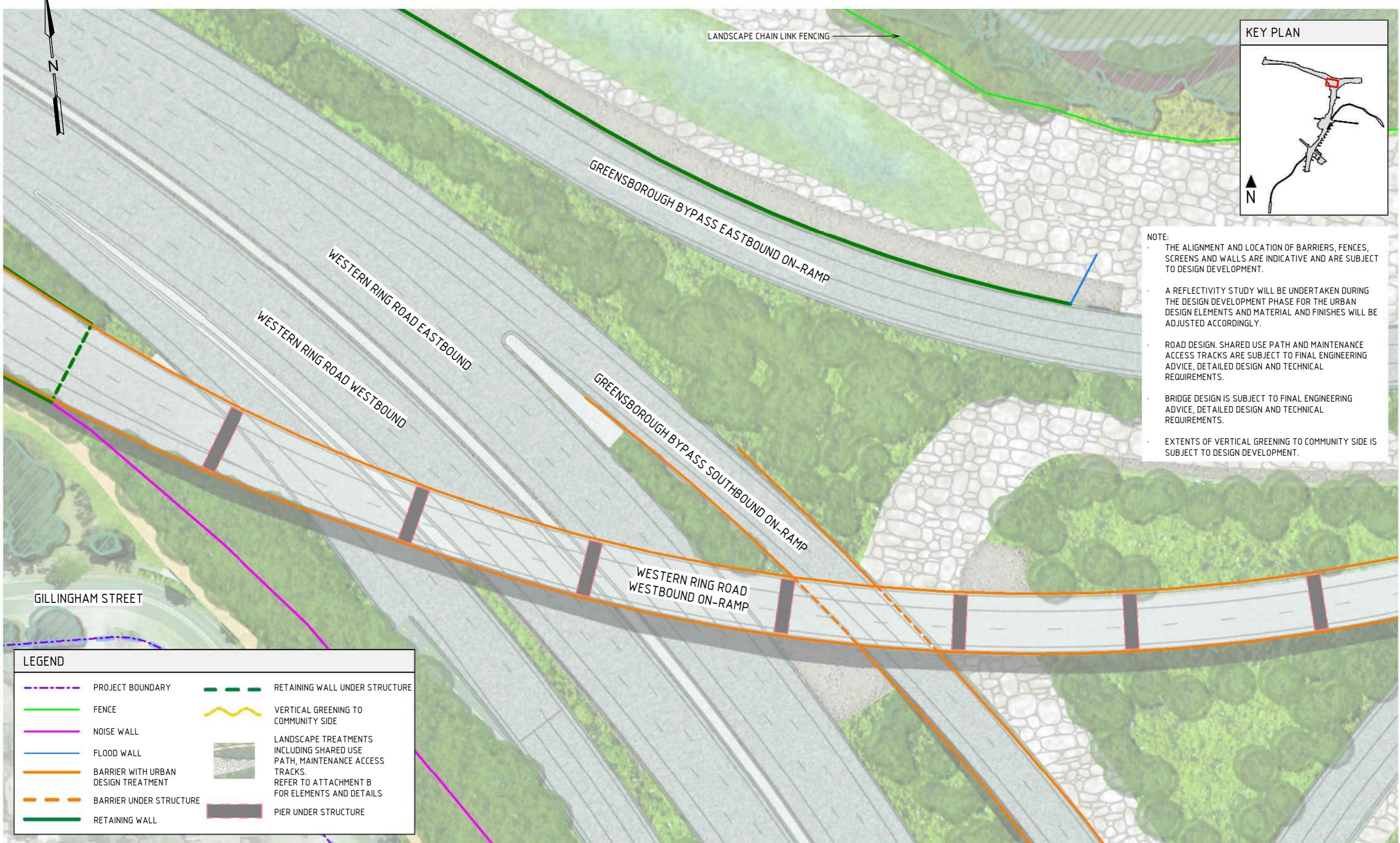
WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.

LEGEND

--- EXISTING GROUND LEVEL

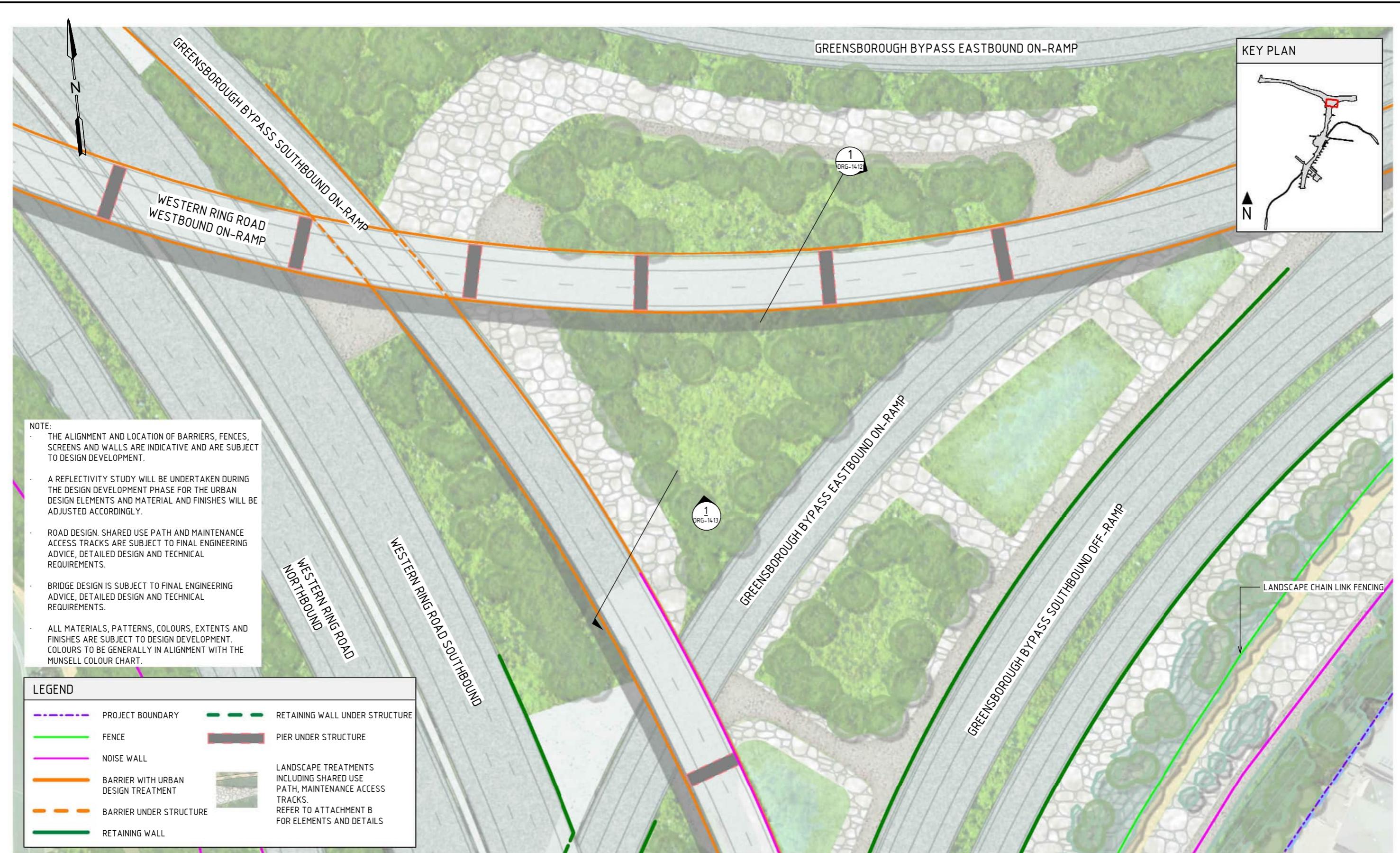
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	L. ANDERSON	05/11/25				
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GENERAL ARRANGEMENT PLAN - M80 INTERCHANGE

SCALE 1: 750

1:750 7.5 0 7.5 15 22.5 30 37.5m

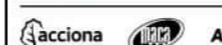
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1	PUBLIC EXHIBITION	25/09/23
2	UDLP IEA REVIEW	21/12/23
3	UDLP REVISION 1	29/01/24
4	UDLP FINAL SUBMISSION IEA	02/08/24
5	UDLP FINAL SUBMISSION	21/08/24
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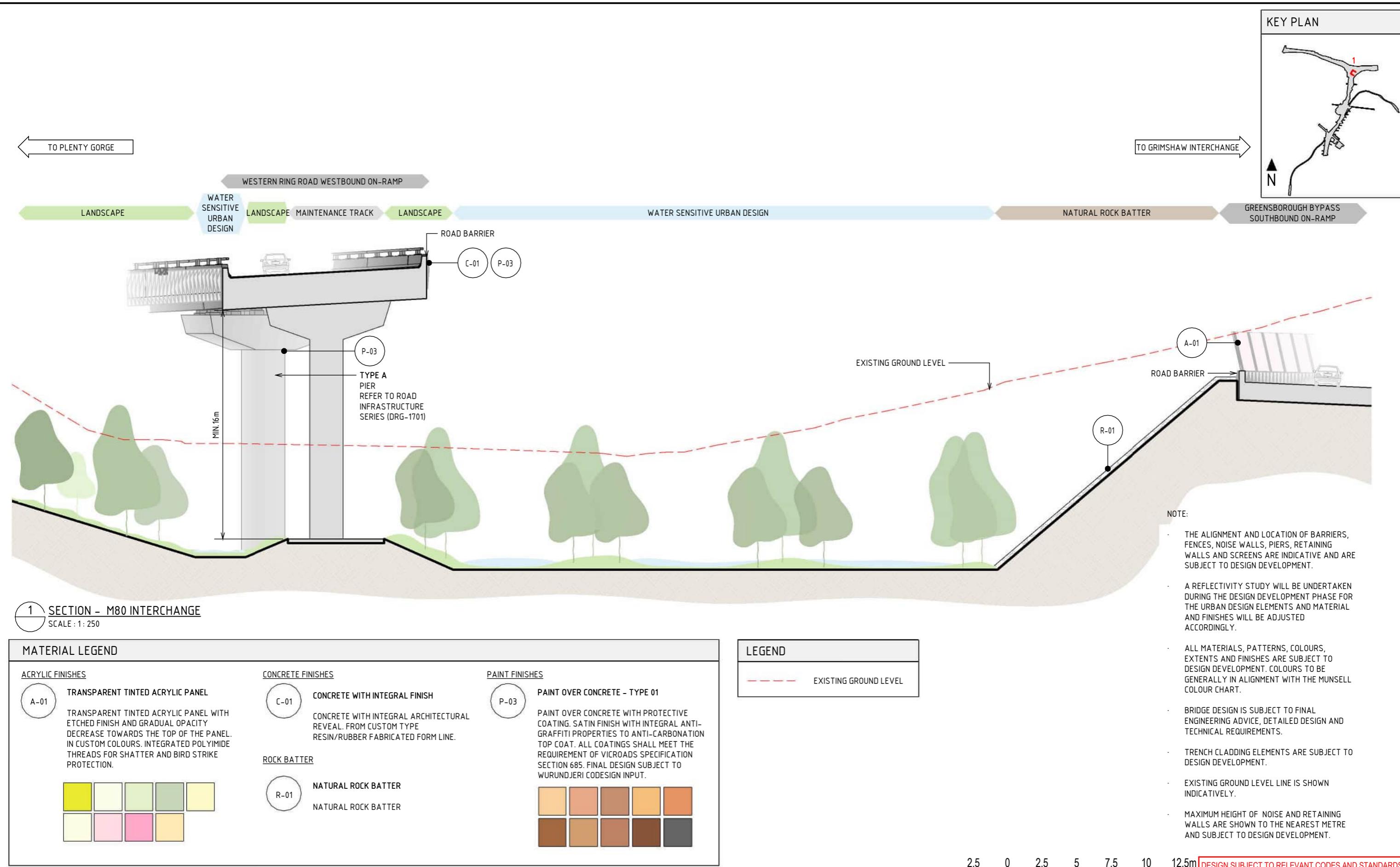
PROJECT CONTRACT:

NORTH

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
GENERAL ARRANGEMENT PLANS - M80 INTERCHANGE SHEET 2

NELP DRAWING No.:
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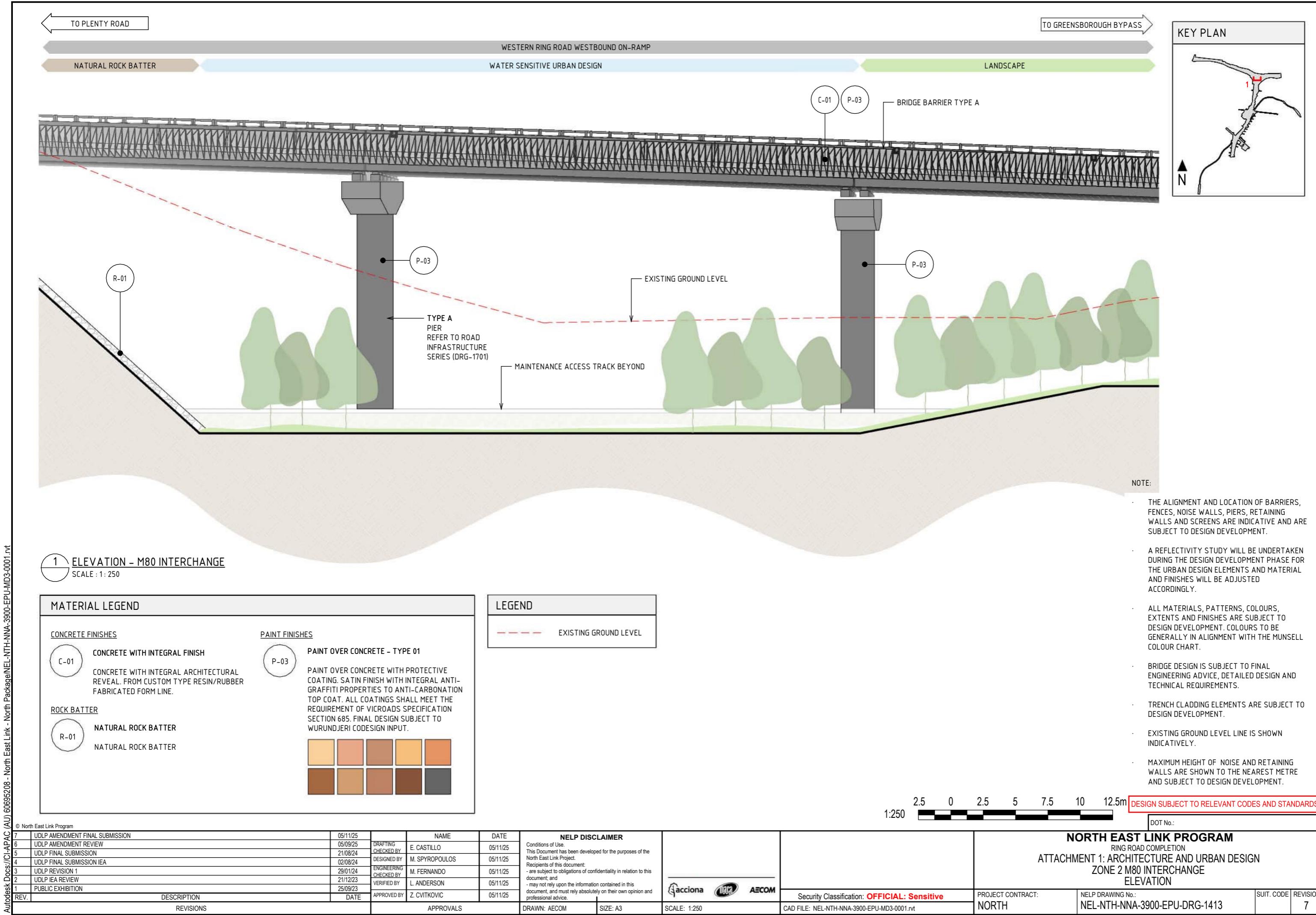


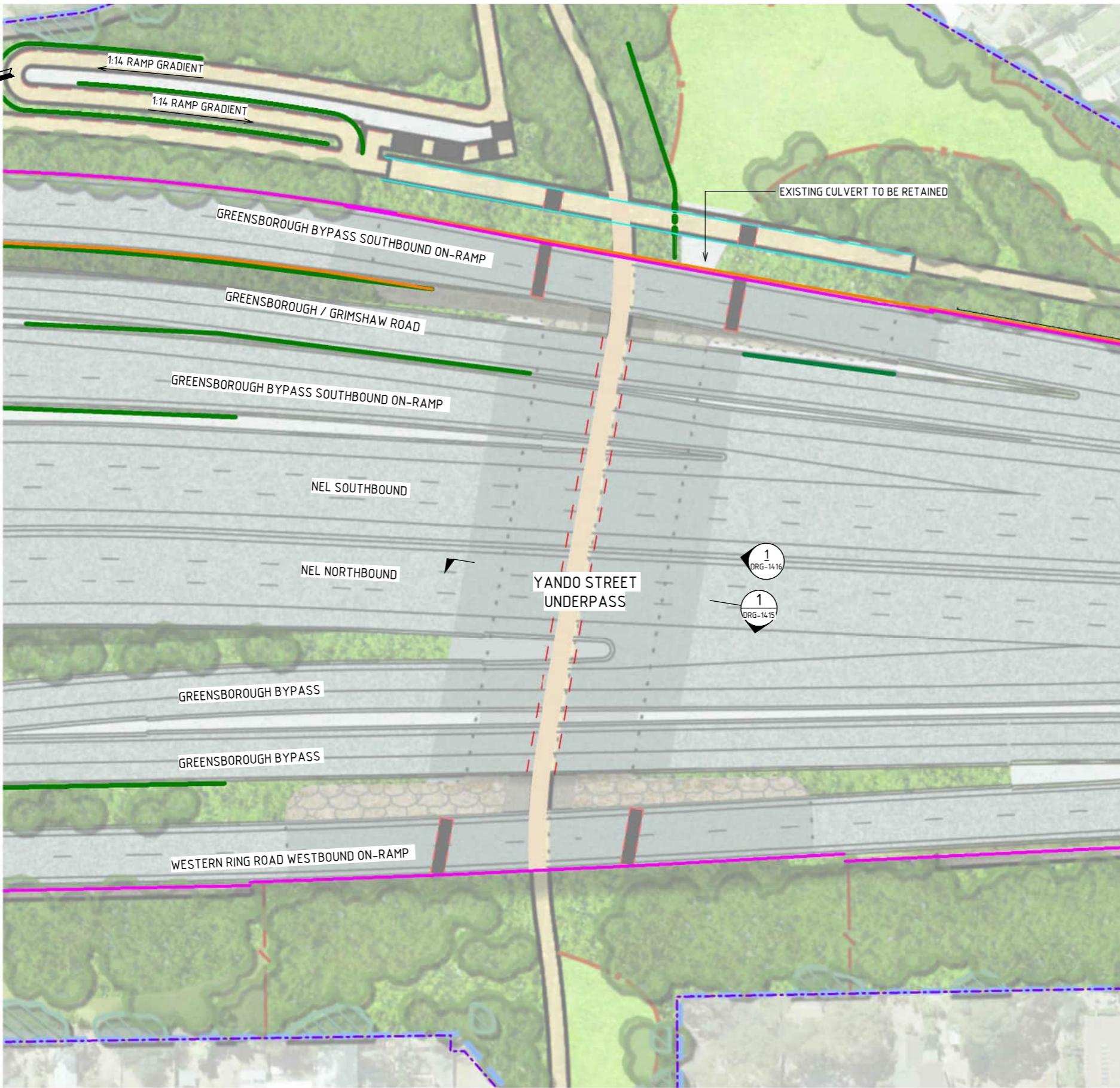
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
SECTION

CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nvt

PROJECT CONTRACT:
NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1412

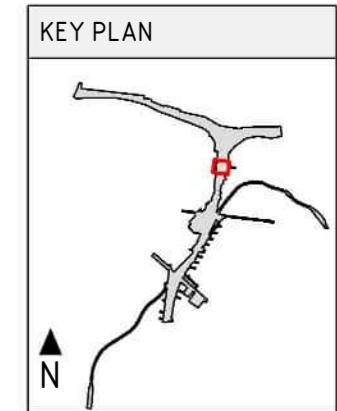




GENERAL ARRANGEMENT - YANDO STREET UNDERPASS

SCALE 1: 750

1:750 7.5 0 7.5 15 22.5 30 37.5m



NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
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LEGEND

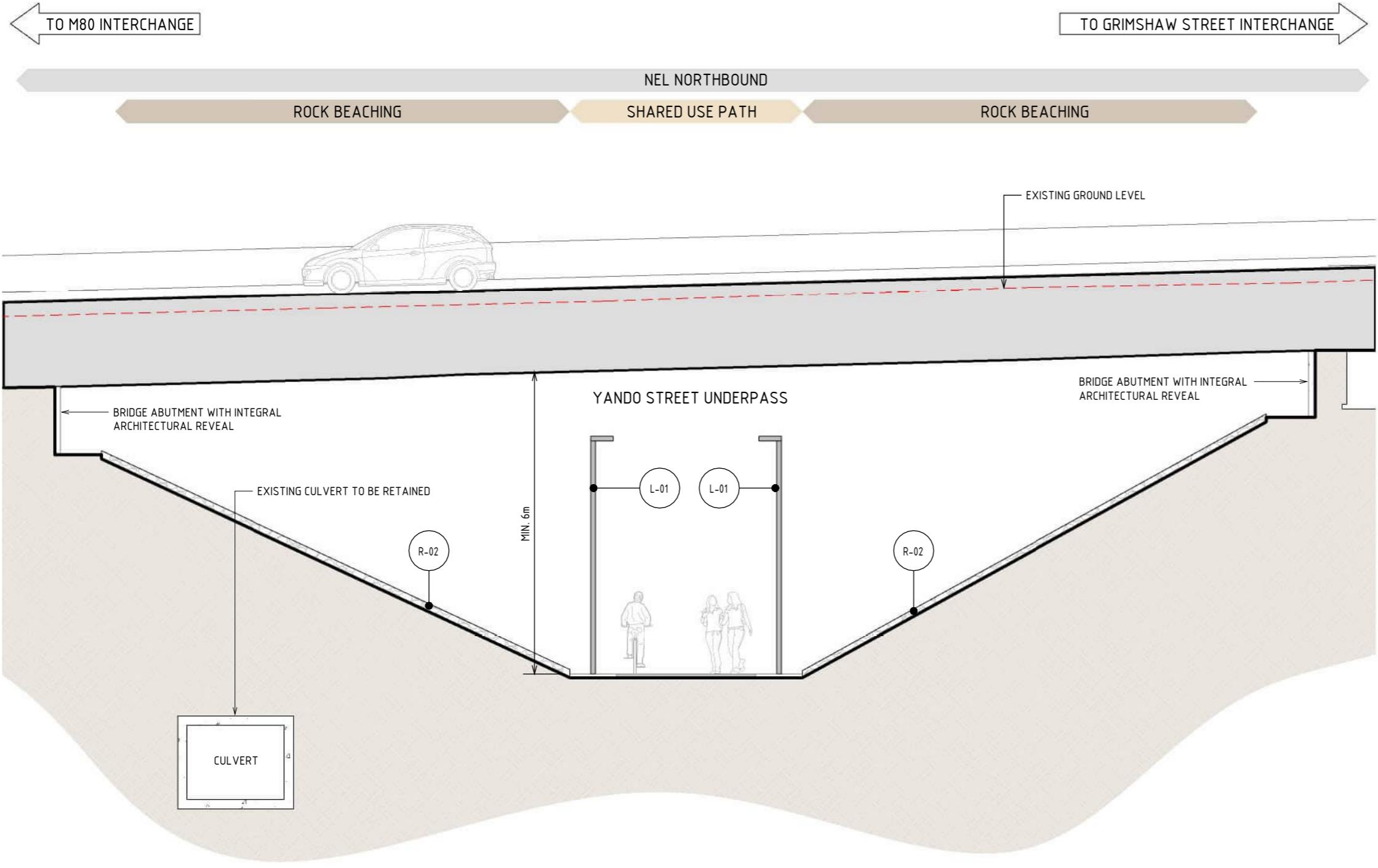
PROJECT BOUNDARY	LIGHTING
SCREEN	PIER UNDER STRUCTURE
NOISE WALL	LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS.
BARRIER WITH URBAN DESIGN TREATMENT	REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS
RETAINING WALL	

DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
GENERAL ARRANGEMENT PLANS - YANDO STREET UNDERPASS

PROJECT CONTRACT: NORTH
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5	UDLP FINAL SUBMISSION	21/08/24										
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25							
3	UDLP REVIEW 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25							
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25							
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25							
REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: 1:750	CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nvt					
	REVISIONS											



1 SECTION - YANDO STREET UNDERPASS
SCALE : 1:100

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
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4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
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REV. DESCRIPTION DATE APPROVALS DRAWN: AECOM SIZE: A3 SCALE: 1:100 CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.rvt

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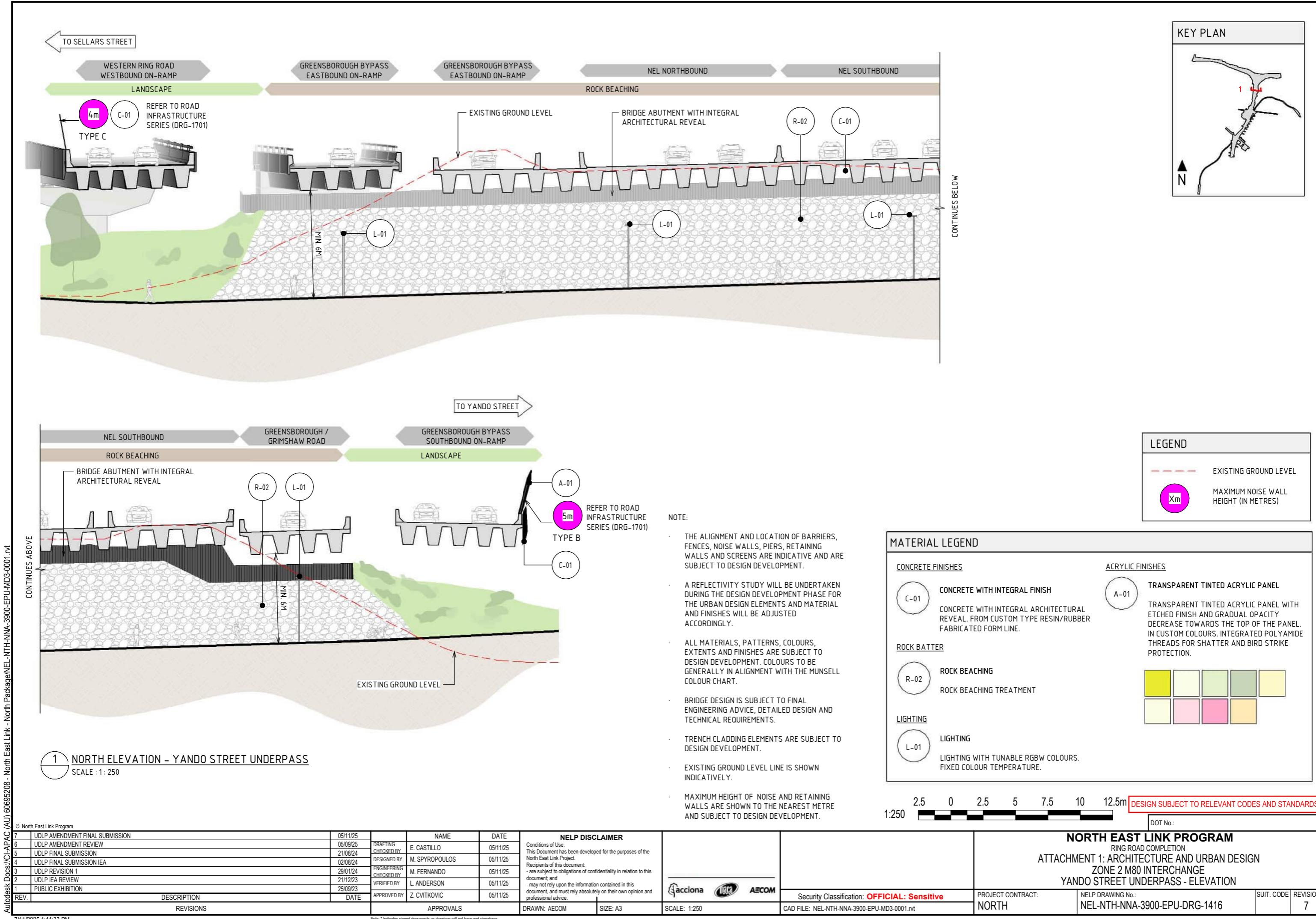
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PROJECT CONTRACT:
NORTHNELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1415SUIT. CODE
7

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 2 M80 INTERCHANGE
YANDO STREET UNDERPASS - SECTION





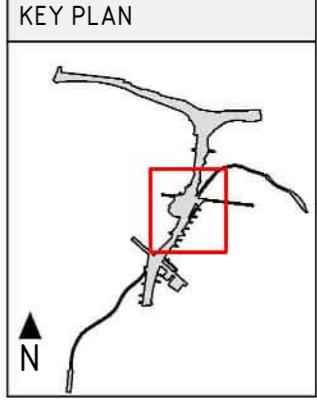
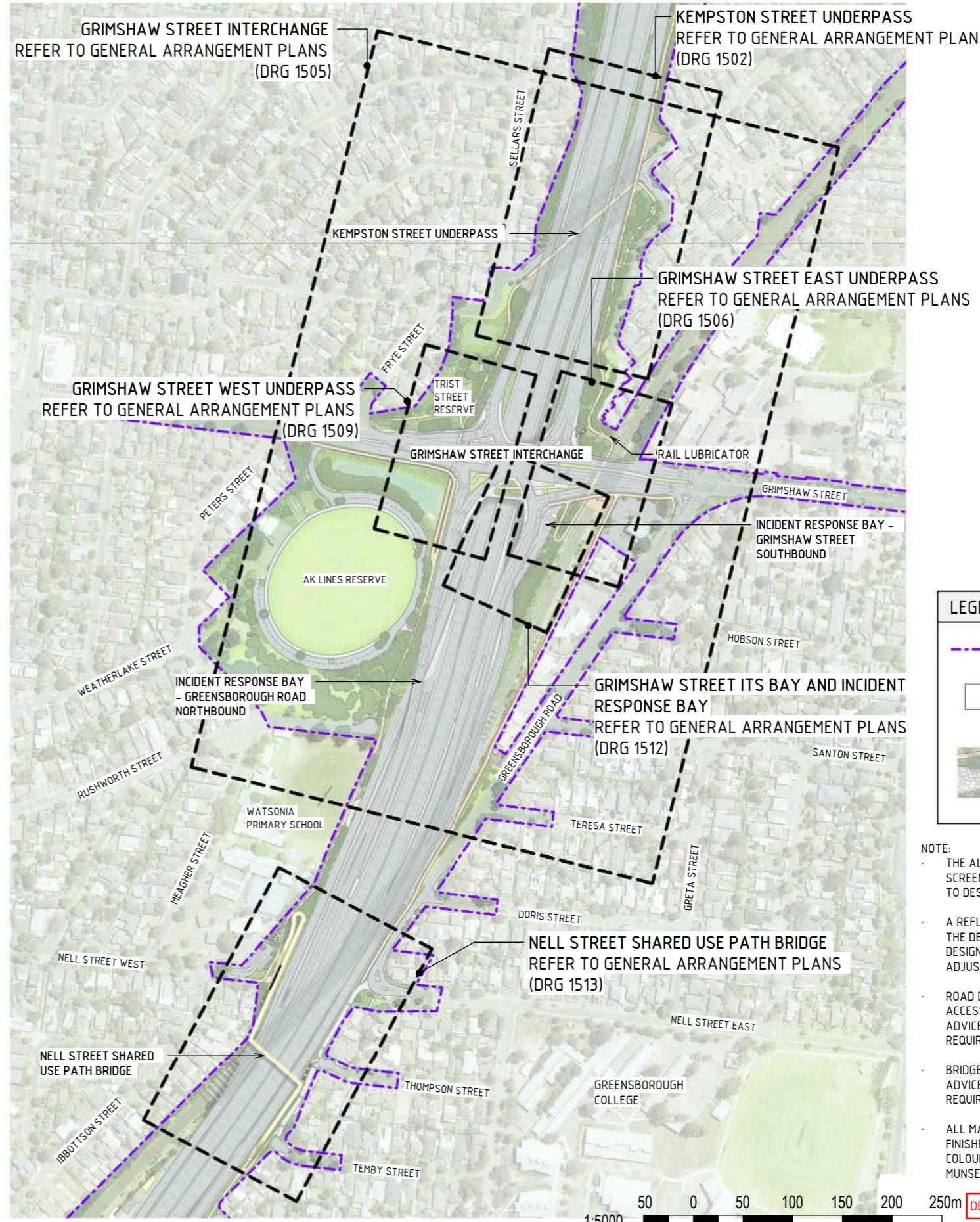
ZONE 3 GREENSBOROUGH ROAD

DRAWING INDEX

DRAWING NAME	SHEET NUMBER
LOCALITY PLAN	NEL-NTH-NNA-3900-EPU-DRG-1501
GENERAL ARRANGEMENT PLANS - KEMPSTON STREET UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1502
SECTIONS - KEMPSTON STREET UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1503
ELEVATIONS - KEMPSTON STREET UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1504
GENERAL ARRANGEMENT PLANS - GRIMSHAW STREET INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1505
GENERAL ARRANGEMENT PLANS - GRIMSHAW STREET EAST UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1506
SECTIONS - GRIMSHAW STREET EAST UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1507
ELEVATIONS - GRIMSHAW STREET EAST UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1508
GENERAL ARRANGEMENT PLANS - GRIMSHAW STREET WEST UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1509
SECTIONS - GRIMSHAW STREET WEST UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1510
ELEVATIONS - GRIMSHAW STREET WEST UNDERPASS	NEL-NTH-NNA-3900-EPU-DRG-1511
GENERAL ARRANGEMENT PLANS - GRIMSHAW STREET ITS BAY AND INCIDENT RESPONSE BAY	NEL-NTH-NNA-3900-EPU-DRG-1512
GENERAL ARRANGEMENT PLANS - NELL STREET SHARED USE PATH BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1513
SECTIONS - NELL STREET SHARED USE PATH BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1514
ELEVATIONS - NELL STREET SHARED USE PATH BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1515
SECTIONS - NELL STREET EAST SHARED USE PATH UNDERCROFT	NEL-NTH-NNA-3900-EPU-DRG-1516
ELEVATIONS - NELL STREET EAST SHARED USE PATH BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1517
SECTIONS - NELL STREET WEST SHARED USE PATH BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1518
ELEVATIONS - NELL STREET WEST SHARED USE PATH UNDERCROFT	NEL-NTH-NNA-3900-EPU-DRG-1519

LOCALITY PLAN

SCALE 1: 5000



LEGEND

	PROJECT BOUNDARY
	AREA NOT PART OF ULP (SUBJECT TO FUTURE APPROVALS PROCESS)
	LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS. REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS

NOTE:

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NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

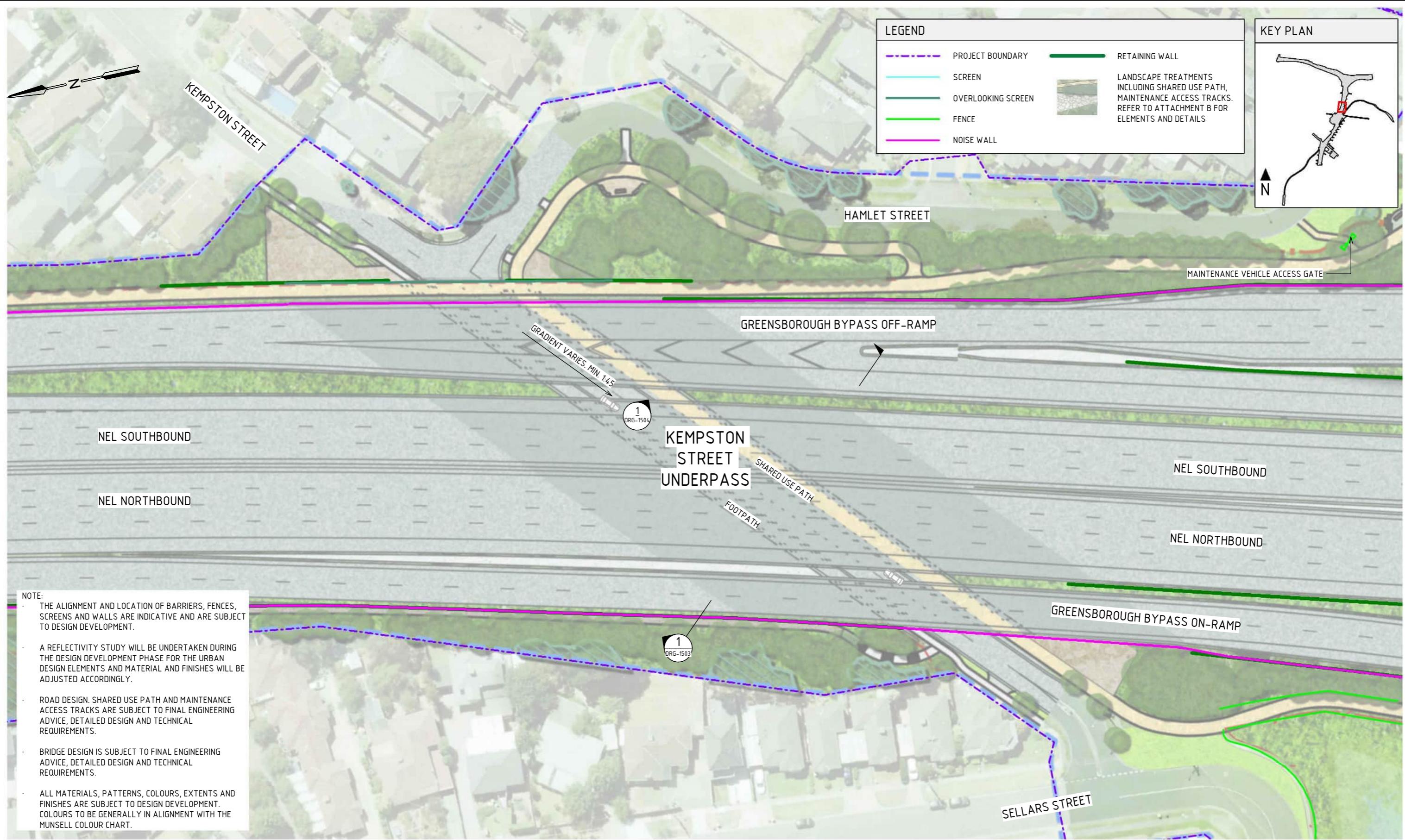
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
LOCALITY PLAN

Security Classification: OFFICIAL: Sensitive

PROJECT CONTRACT:
NORTHNELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1501SUIT. CODE
REVISION
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1	PUBLIC EXHIBITION	25/09/23							
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	REVISIONS								CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nft



GENERAL ARRANGEMENT - KEMPSTON STREET UNDERPASS

SCALE 1: 750

7.5 0 7.5 15 22.5 30 37.5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS
1:750

OT No.:

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- 7 UDLP AMENDMENT FINAL SUBMISSION
- 6 UDLP AMENDMENT REVIEW
- 5 UDLP FINAL SUBMISSION
- 4 UDLP FINAL SUBMISSION IEA
- 3 UDLP REVISION 1
- 2 UDLP IEA REVIEW
- 1 PUBLIC EXHIBITION

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	05/09/25	DRAFTING
	21/08/24	CHECKED BY
	02/08/24	DESIGNED BY
	29/01/24	ENGINEERING
	21/12/23	CHECKED BY
	25/09/23	VERIFIED BY
		APPROVED BY

NAME	DATE	Condition
E. CASTILLO	05/11/25	This Date
M. SPYROPOULOS	05/11/25	North Bound
M. FERNANDO	05/11/25	Recipient
L. ANDERSON	05/11/25	- are sure
Z. GUTTERKOVIC	05/11/25	document
		- may need
		document

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PROJECT C
NORTH

CONTRACT: NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1502

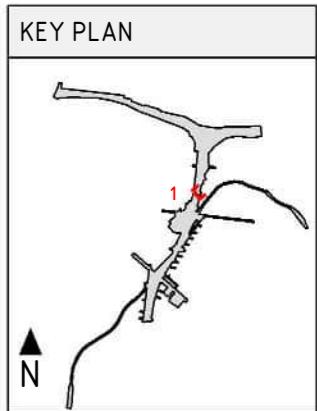
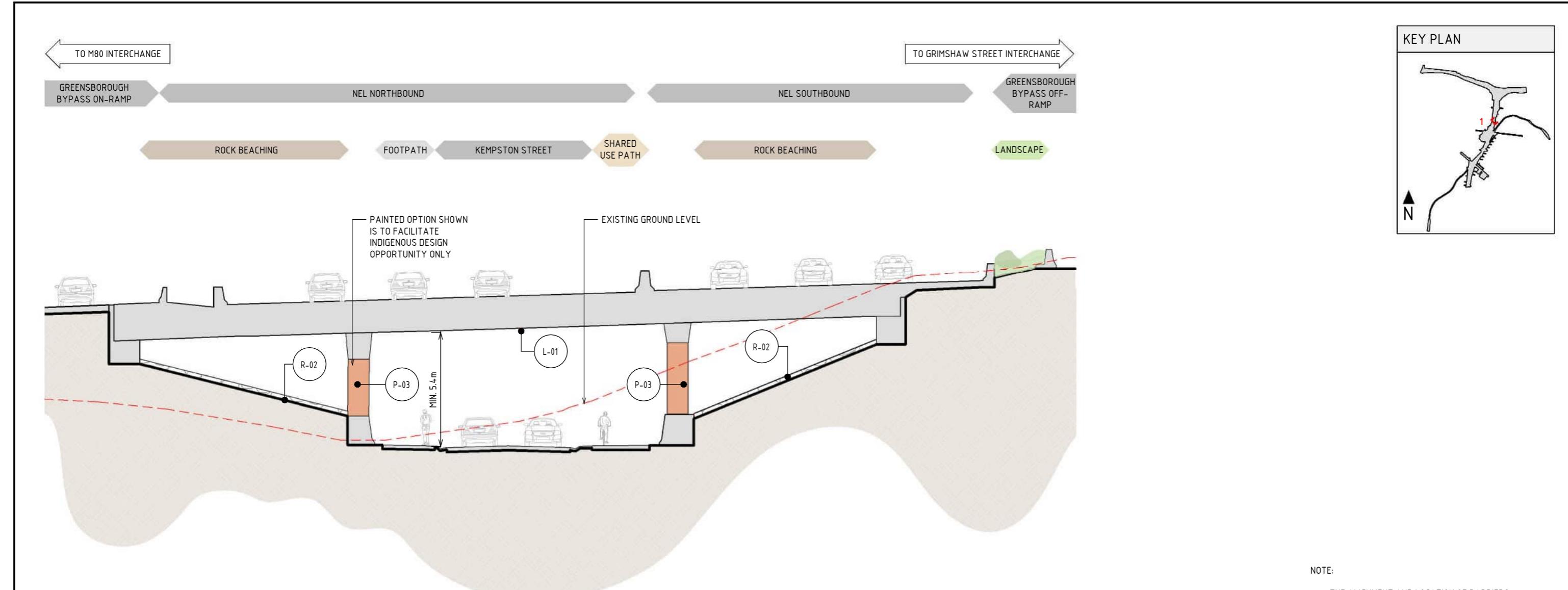
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NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

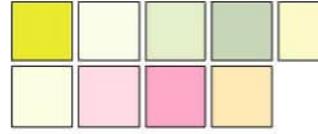
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
INFRASTRUCTURE ARRANGEMENT PLAN - KEMPSTON STREET UNDERPASS

7/11/2025 4:44:46 PM



1 SECTION - KEMPSTON STREET UNDERPASS
SCALE : 1:200

MATERIAL LEGEND

PAINT FINISHES	ROCK BATTER	ACRYLIC FINISHES
P-03 PAINT OVER CONCRETE - TYPE 01 PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION. TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODEDESIGN INPUT. 	R-02 ROCK BEACHING ROCK BEACHING TREATMENT.  	A-01 TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY. DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION. 
	L-01 LIGHTING LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE. 	

LEGEND

--- EXISTING GROUND LEVEL

NOTE:

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1:200 2 0 2 4 6 8 10m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

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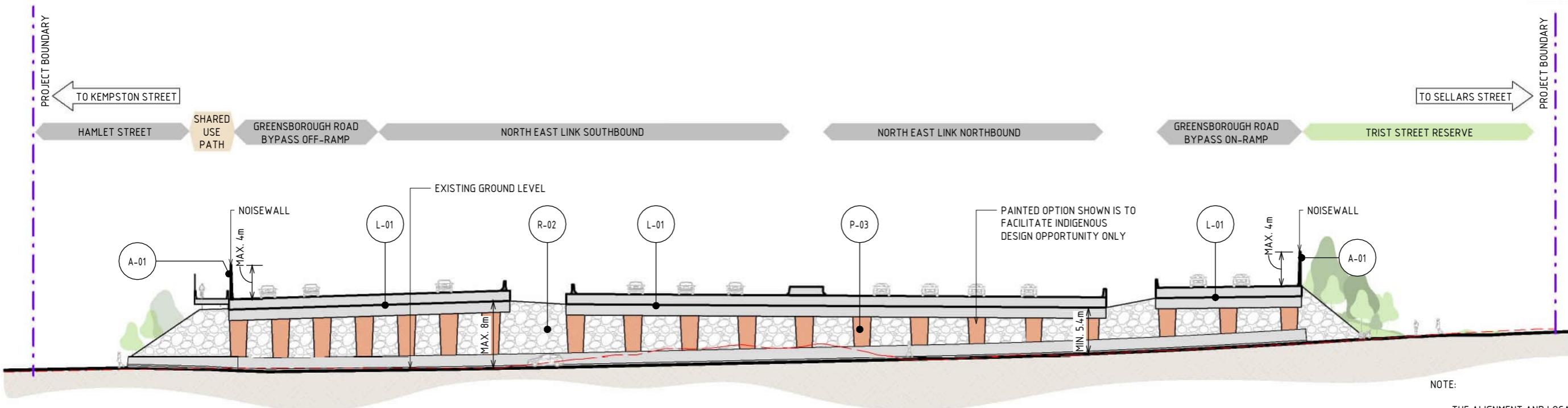
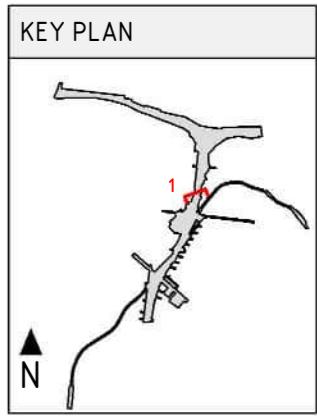
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
KEMPSTON STREET UNDERPASS - SECTION



1 ELEVATION - KEMPSTON STREET UNDERPASS

SCALE: 1:500

MATERIAL LEGEND

PAINT FINISHES	ROCK BATTER	ACRYLIC FINISHES
P-03 PAINT OVER CONCRETE - TYPE 01	R-02 ROCK BATTER	A-01 TRANSPARENT TINTED ACRYLIC PANEL
PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.	ROCK BEACHING	TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.
	R-02 ROCK BEACHING TREATMENT.	
L-01 LIGHTING	L-01 LIGHTING	L-01 LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE.

LEGEND

----- PROJECT BOUNDARY
- - - EXISTING GROUND LEVEL

NOTE:

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1:500 5 0 5 10 15 20 25m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

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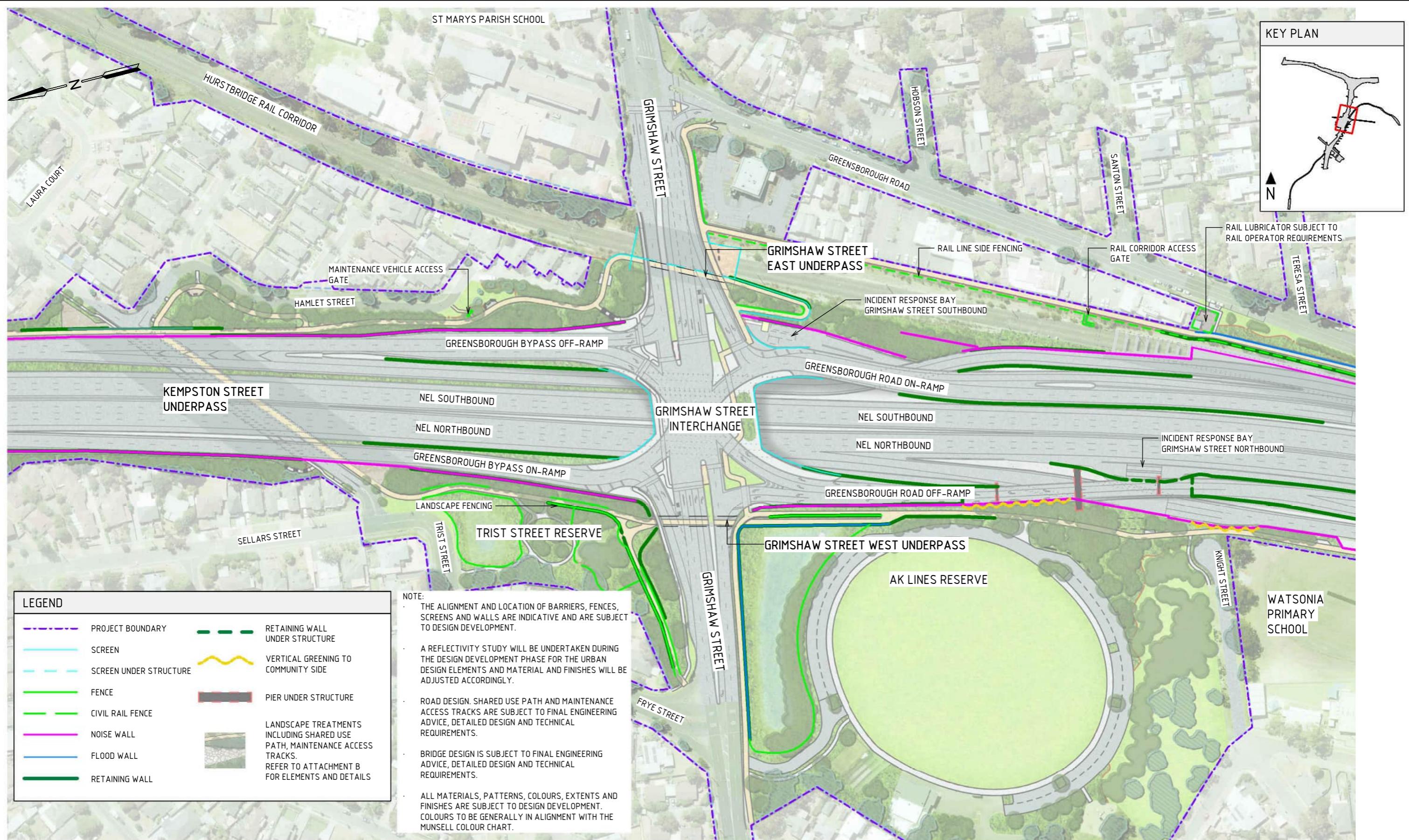
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
KEMPSTON STREET UNDERPASS - ELEVATION



GENERAL ARRANGEMENT - GRIMSHAW STREET INTERCHANGE

SCALE 1:200

1·2000

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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7 UDLP AMENDMENT FINAL SUBMISSION
6 UDLP AMENDMENT REVIEW
5 UDLP FINAL SUBMISSION
4 UDLP FINAL SUBMISSION IEA
3 UDLP REVISION 1
2 UDLP IEA REVIEW
1 PUBLIC EXHIBITION
REF:

REVISION

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A3

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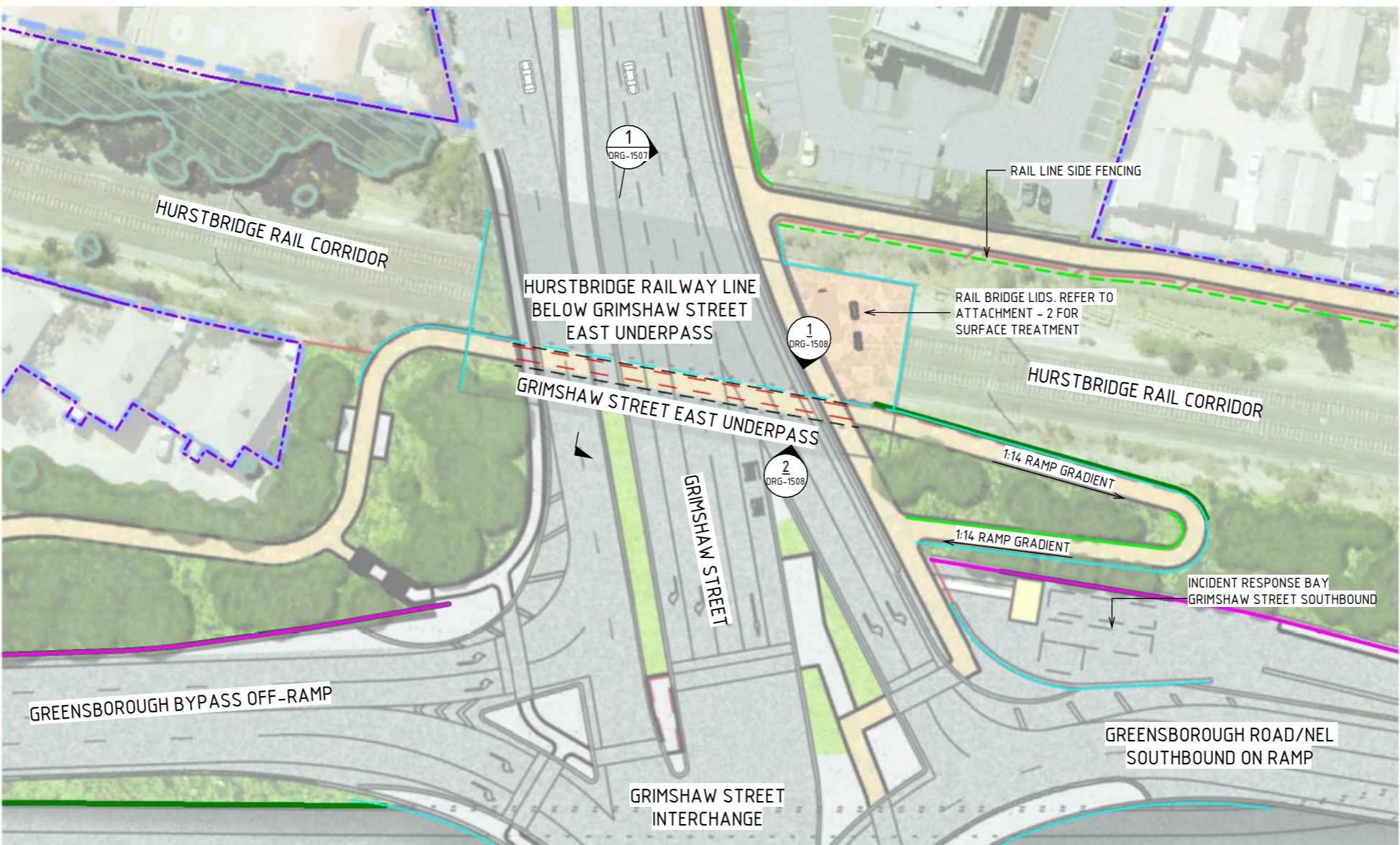
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NORTH

TRACT: NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1505

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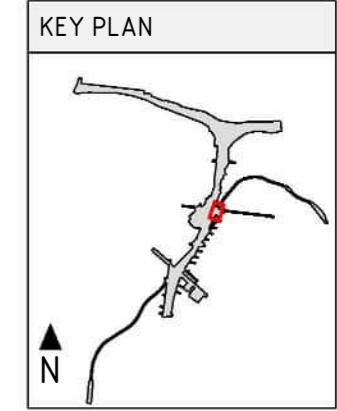
GENERAL ARRANGEMENT - GRIMSHAW STREET EAST UNDERPASS

SCALE 1: 750

LEGEND

PROJECT BOUNDARY	RETAINING WALL
SCREEN	LIGHTING
SCREEN UNDER STRUCTURE	
FENCE	
CIVIL RAIL FENCE	LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS.
NOISE WALL	REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS

7.5 0 7.5 15 22.5 30 37.5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS



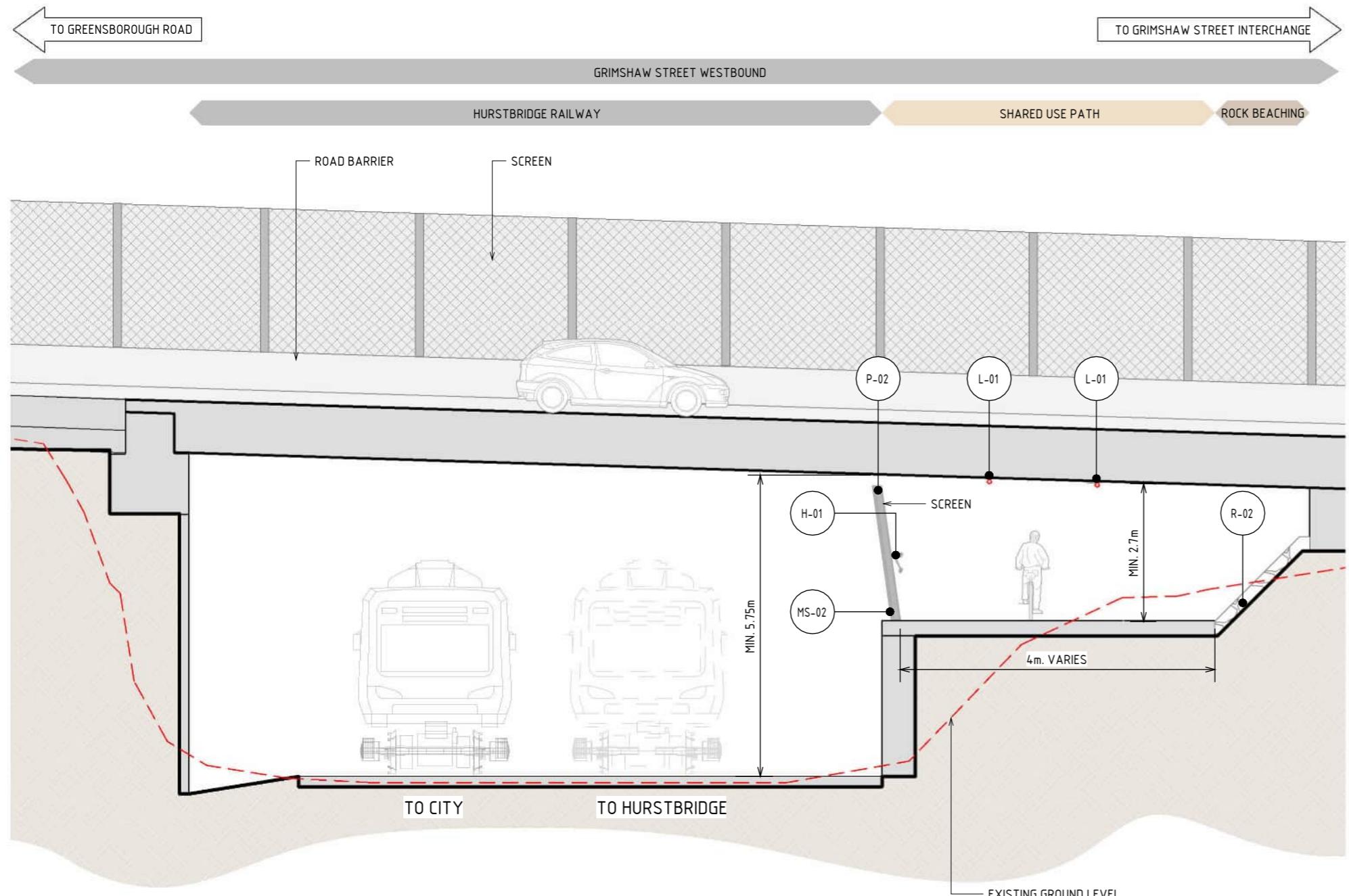
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	REVISIONS										7



1 SECTION - GRIMSHAW STREET EAST UNDERPASS

SCALE: 1:100

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1:100 1 0 1 2 3 4 5m

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
GRIMSHAW STREET EAST UNDERPASS - SECTION

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24		M. SPYROPOULOS	05/11/25
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
3	UDLP REVIEW 1	29/01/24	VERIFIED BY	L. ANDERSON	05/11/25
2	UDLP IEA REVIEW	21/12/23	APPROVED BY	Z. CVITKOVIC	05/11/25
1	PUBLIC EXHIBITION	25/09/23			

REV. DESCRIPTION DATE APPROVALS DRAWN: AECOM SIZE: A3 SCALE: 1:100 CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.vt

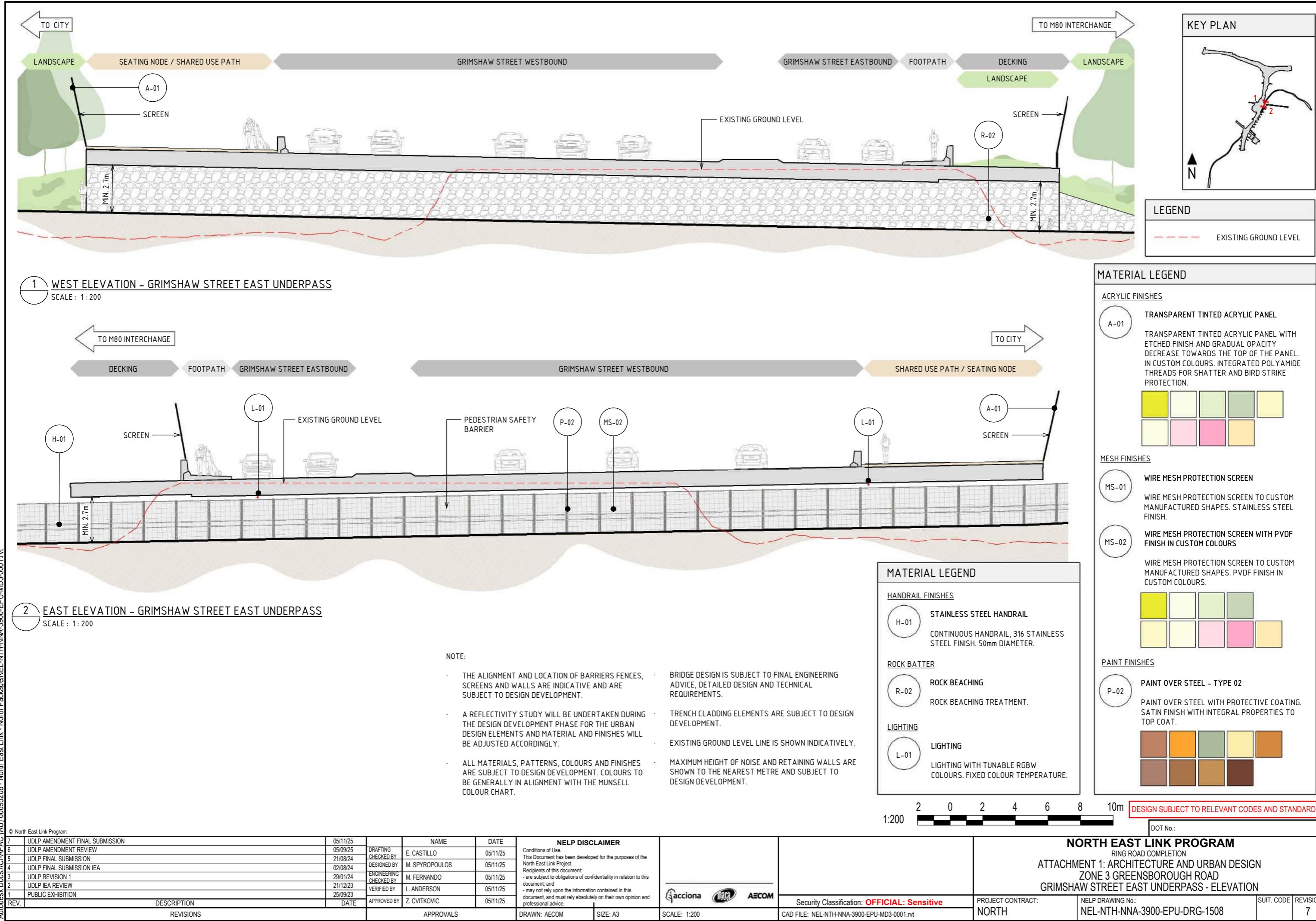
REVISIONS

Note: * Indicates signed documents as drawings will not have wet signatures.



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PROJECT CONTRACT:
NORTHNELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1507SUIT. CODE
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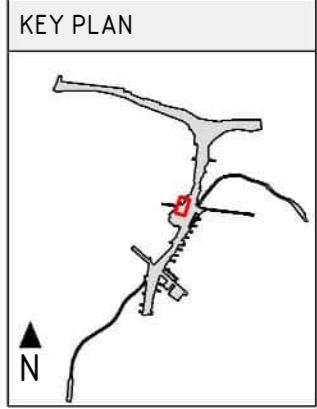
GENERAL ARRANGEMENT - GRIMSHAW STREET WEST UNDERPASS

SCALE 1: 750

LEGEND

PROJECT BOUNDARY	RETAINING WALL UNDER STRUCTURE
SCREEN	LIGHTING
FENCE	
NOISE WALL	LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS.
FLOOD WALL	REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS
RETAINING WALL	

7.5 0 7.5 15 22.5 30 37.5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS



NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENTS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.

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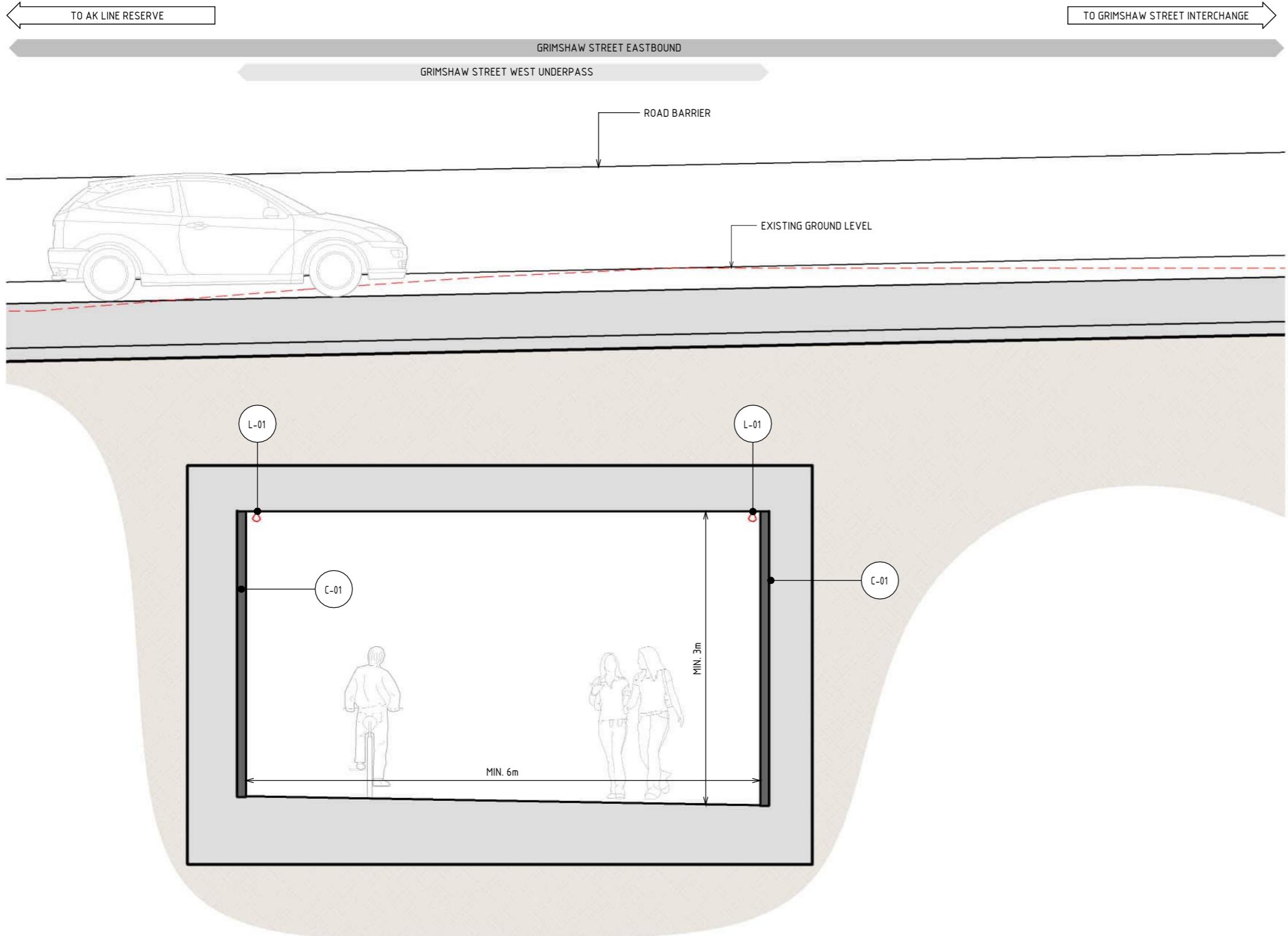
7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
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1	PUBLIC EXHIBITION	25/09/23			

REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: 1:750	Security Classification: OFFICIAL: Sensitive	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1509	SUIT. CODE	REVISION
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
GENERAL ARRANGEMENT PLAN - GRIMSHAW STREET WEST UNDERPASS

PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1509
SUIT. CODE
REVISION

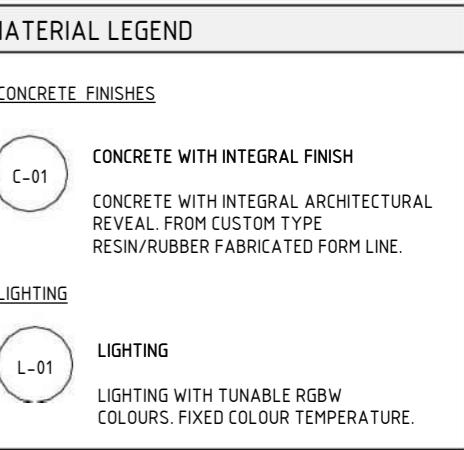
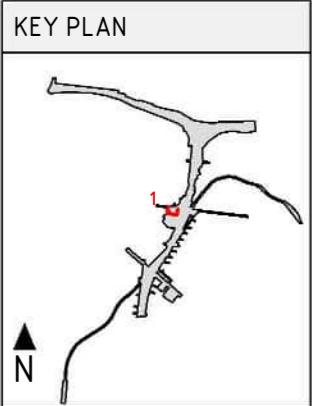


1 SECTION - GRIMSHAW STREET WEST UNDERPASS
SCALE: 1: 50

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	REVISIONS										7



NOTE:

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- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
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- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

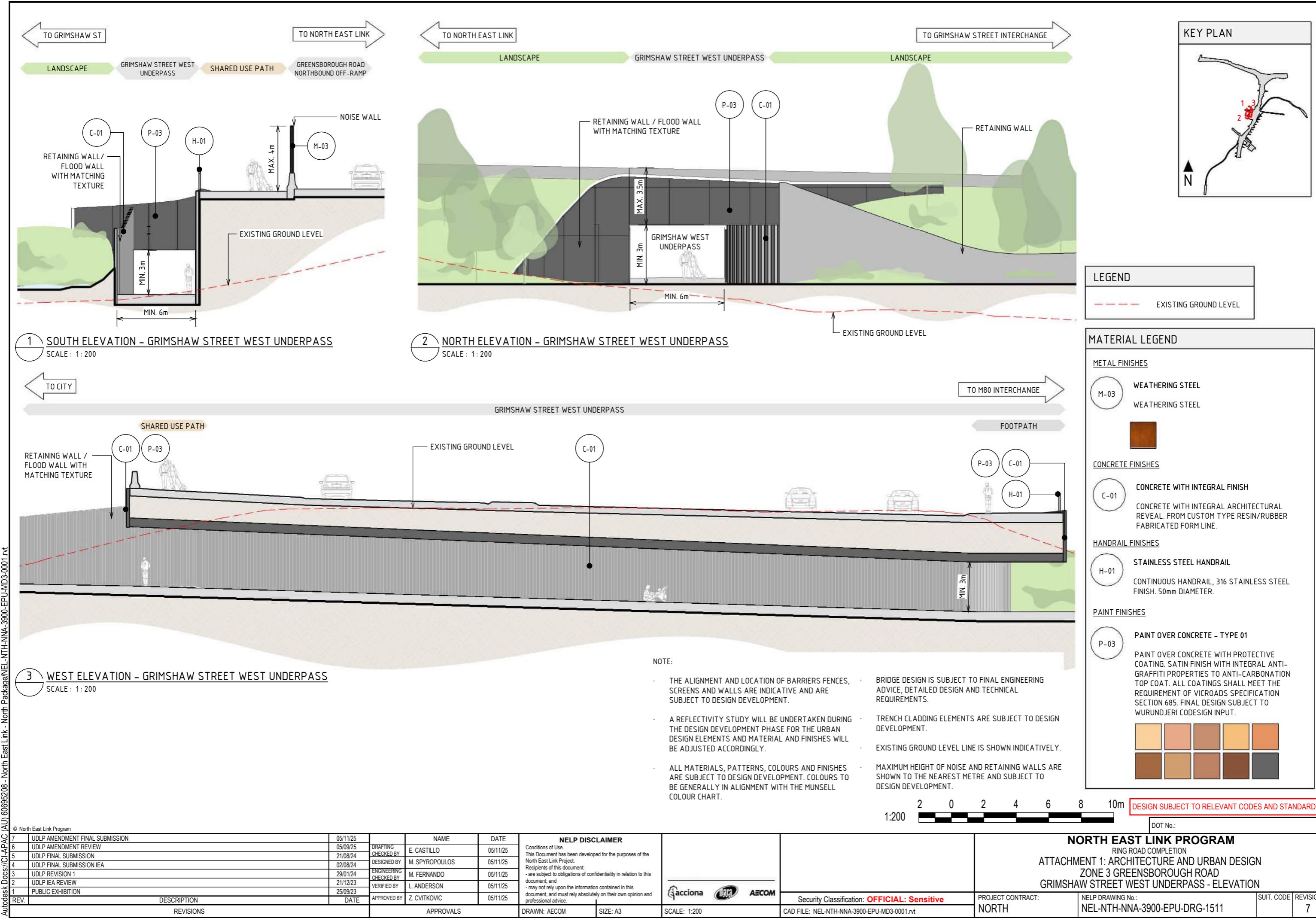
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DOT No.: 1:50

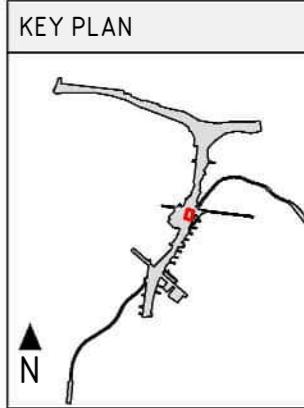
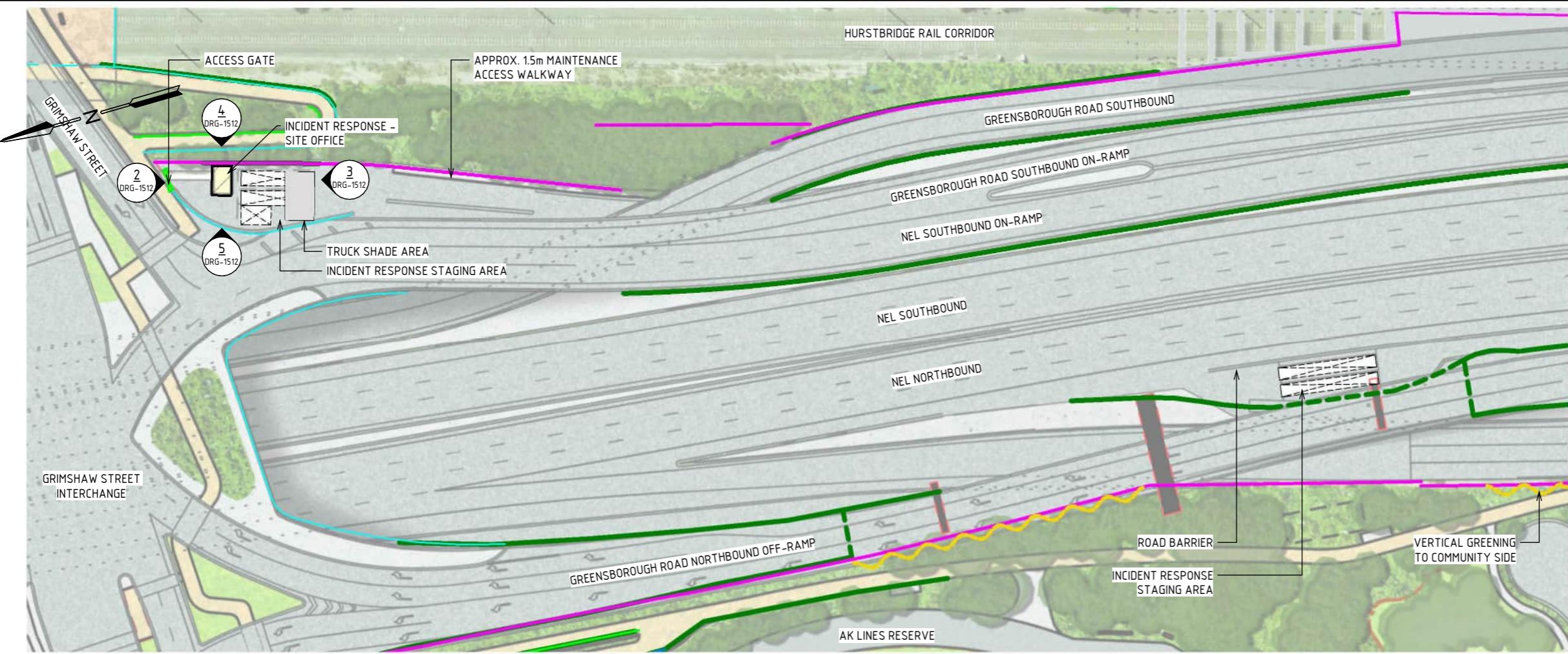
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
GRIMSHAW STREET WEST UNDERPASS - SECTION



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CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.rvt

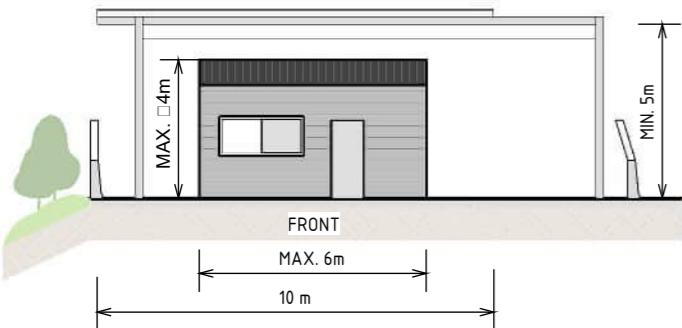
PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1510
SUIT. CODE
REVISION



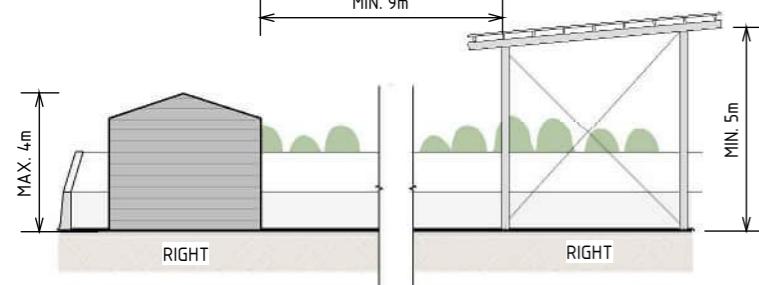


LEGEND	
PROJECT BOUNDARY	
SCREEN	
SCREEN UNDER STRUCTURE	
FENCE	
CIVIL RAIL FENCE	
NOISE WALL	
FLOOD WALL	
RETAINING WALL	
RETAINING WALL UNDER STRUCTURE	
VERTICAL GREENING TO COMMUNITY SIDE	
PIER UNDER STRUCTURE	
LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS. REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS	

1 GRIMSHAW STREET SOUTHBOUND AND GREENSBOROUGH ROAD NORTHBOUND - INCIDENT RESPONSE BAY
SCALE : 1: 1000



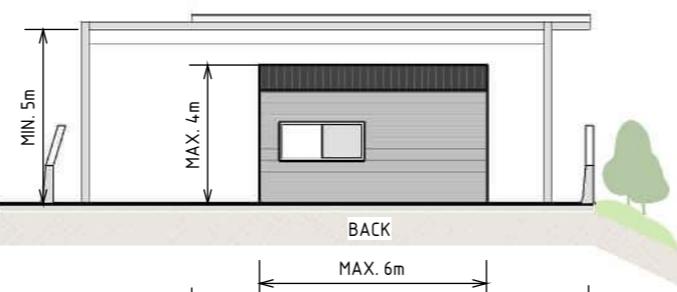
2 NORTH ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE
SCALE : 1: 200



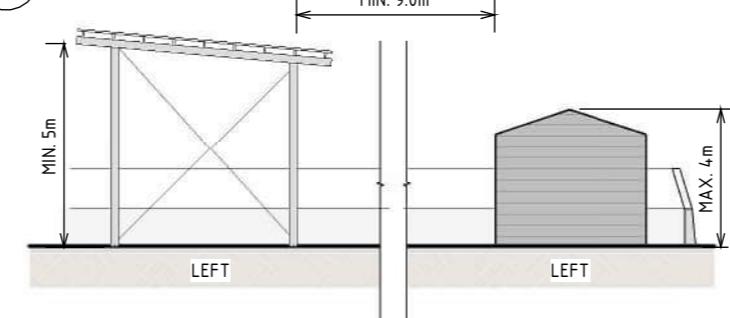
5 EAST ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE
SCALE : 1: 200

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25						
6	UDLP AMENDMENT REVIEW	05/09/25									
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2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25						
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25						



3 SOUTH ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE
SCALE : 1: 200

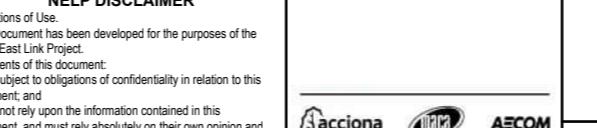


4 WEST ELEVATION - INCIDENT RESPONSE SITE OFFICE AND TRUCK SHADE STRUCTURE
SCALE : 1: 200

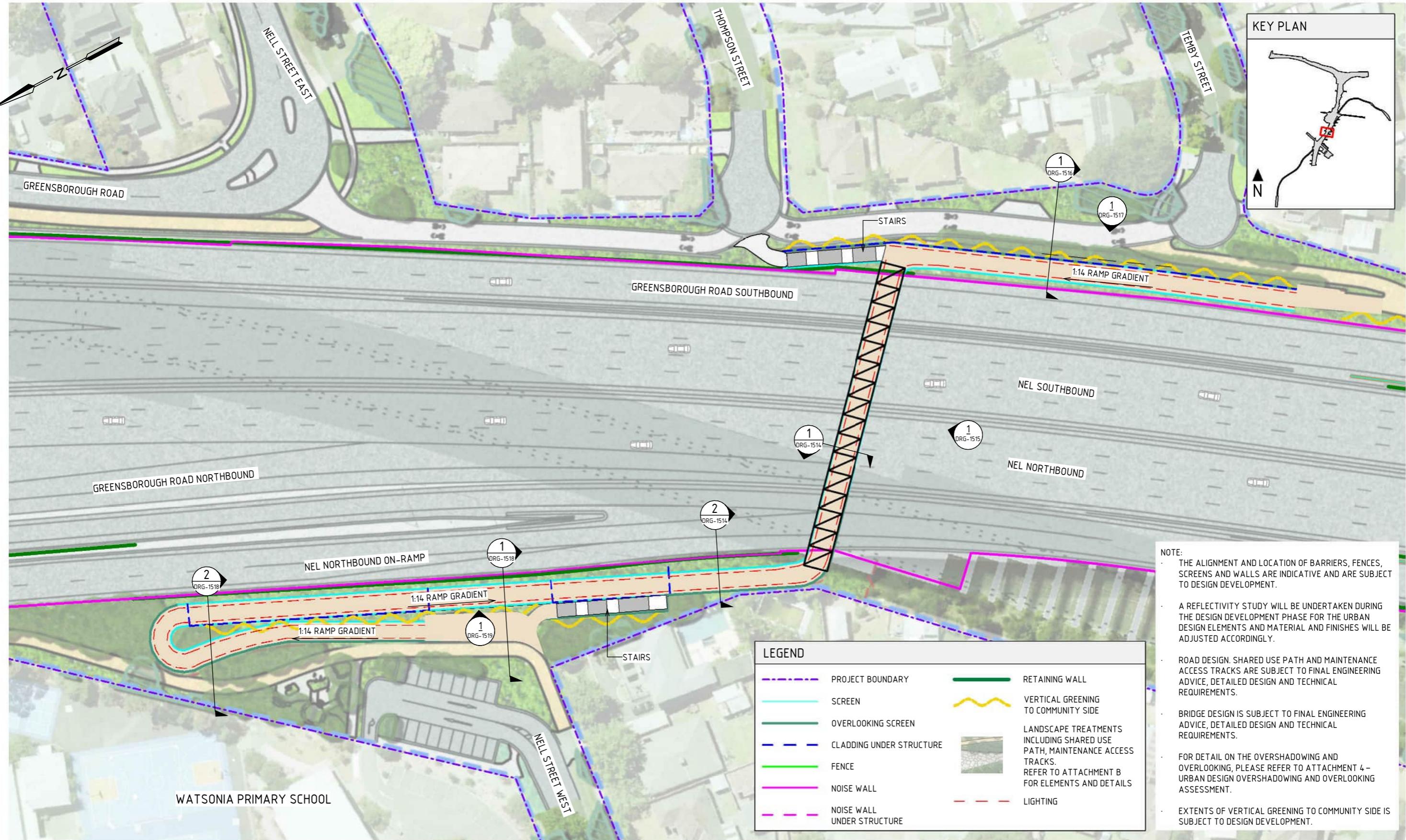
DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
GENERAL ARRANGEMENT PLAN - GREENSBOROUGH INCIDENT RESPONSE BAYS



CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.vt



GENERAL ARRANGEMENT PLAN - NELL STREET SHARED USE PATH BRIDGE

SCALE 1: 750

7.5 0 7.5 15 22.5 30 37.5m
1:750

DOT No.:

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
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REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: 1:750	CAD FILE: NEL-NTH-NNA 3900-EPU-MD3-0001.vt	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1513	SUIT. CODE	REVISION
	REVISIONS										7

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Security Classification: OFFICIAL: Sensitive

PROJECT CONTRACT:

NORTH

NELP DRAWING No.:

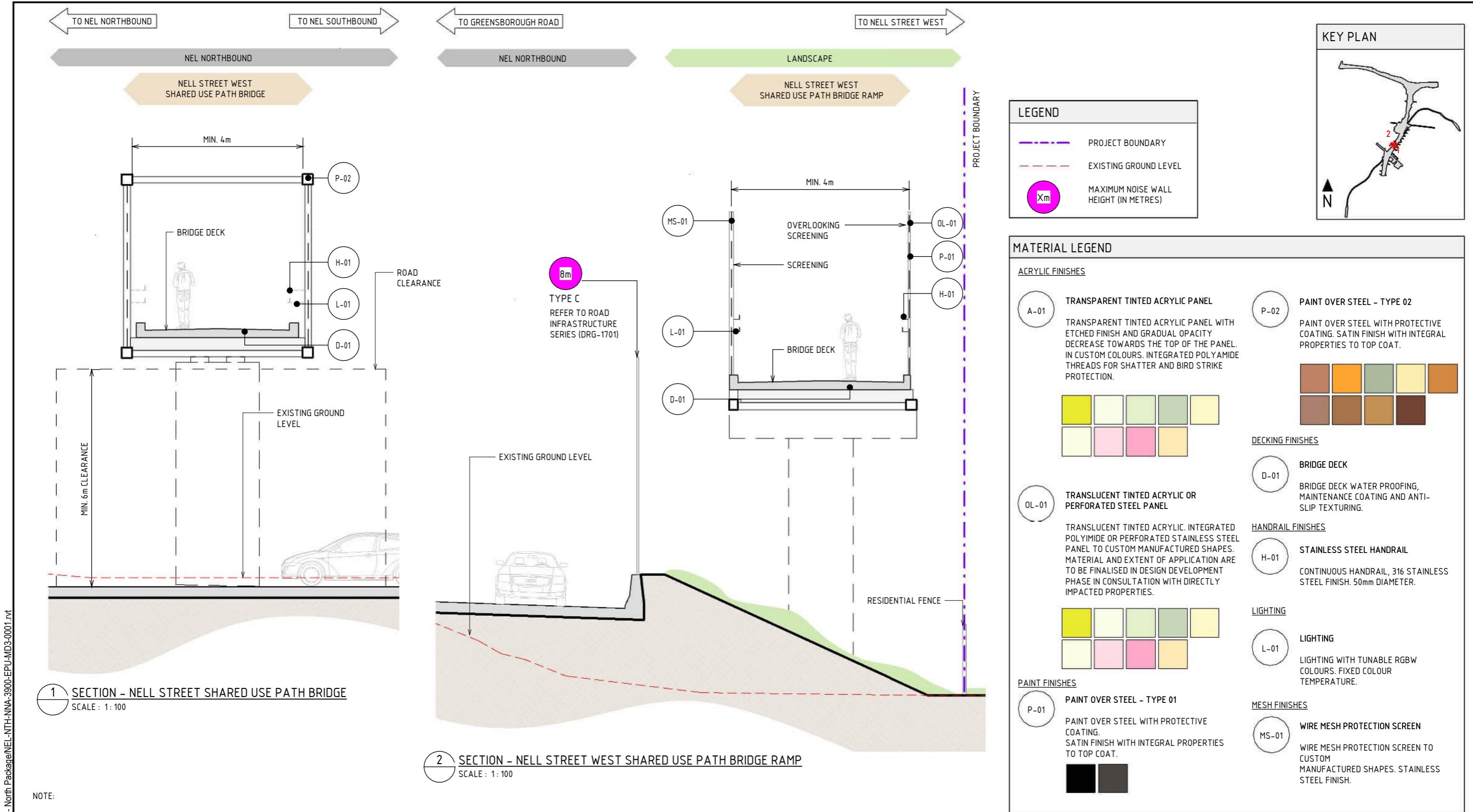
NEL-NTH-NNA-3900-EPU-DRG-1513

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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
GENERAL ARRANGEMENT PLAN - NELL STREET SHARED USE PATH BRIDGE



NOTE:

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- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.
- OVERLOOKING SCREEN TO COMPLY WITH AUSTRALIAN STANDARDS.

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
NELL STREET SHARED USE PATH BRIDGE - SECTION

PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1514
SUIT. CODE: 7

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
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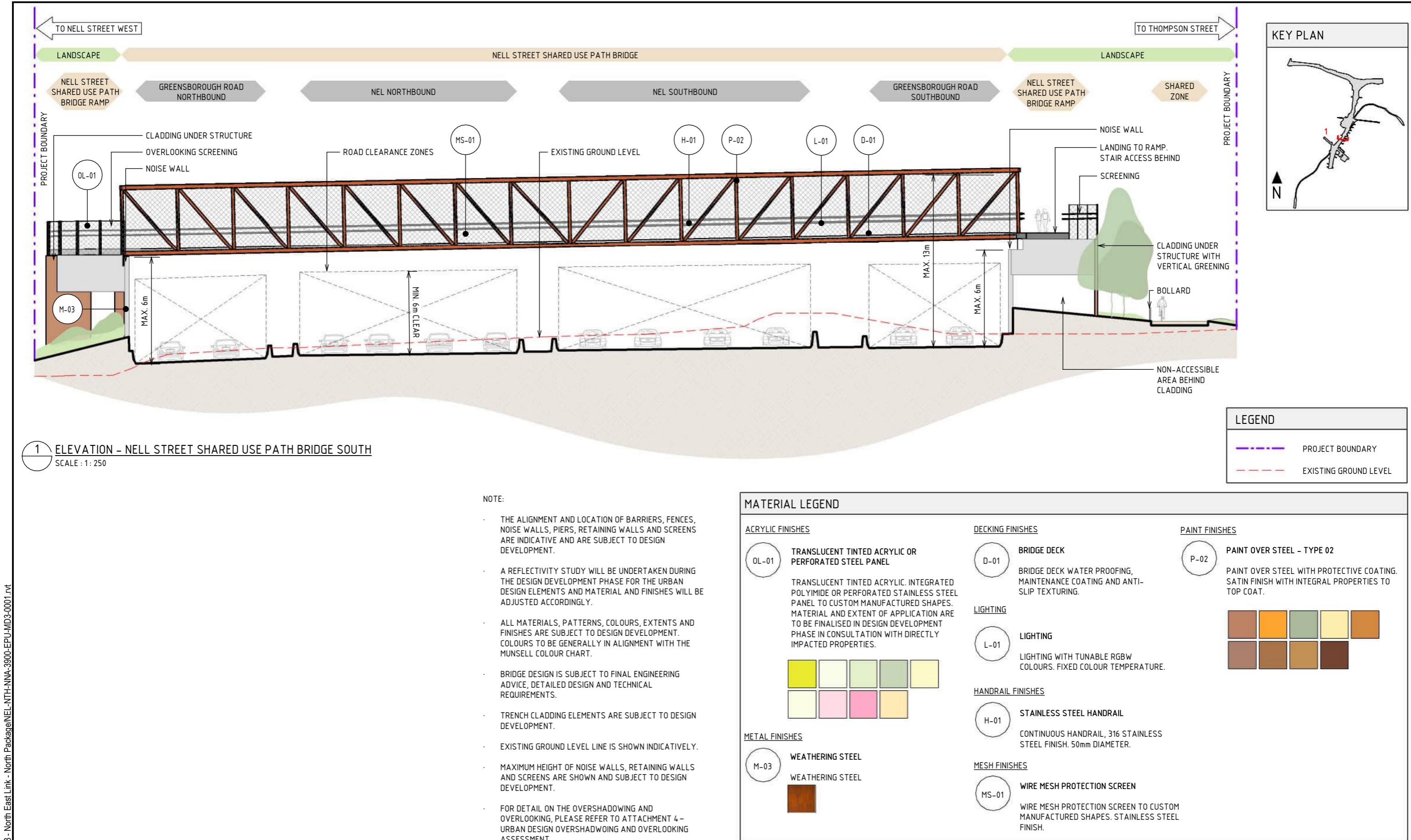
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PROJECT CONTRACT:

NORTH

NELP DRAWING No.:

NEL-NTH-NNA-3900-EPU-DRG-1514



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REV. DESCRIPTION DATE

REVISIONS

APPROVALS

DRAWN: AECOM

SIZE: A3

SCALE: 1:250

Security Classification: OFFICIAL: Sensitive

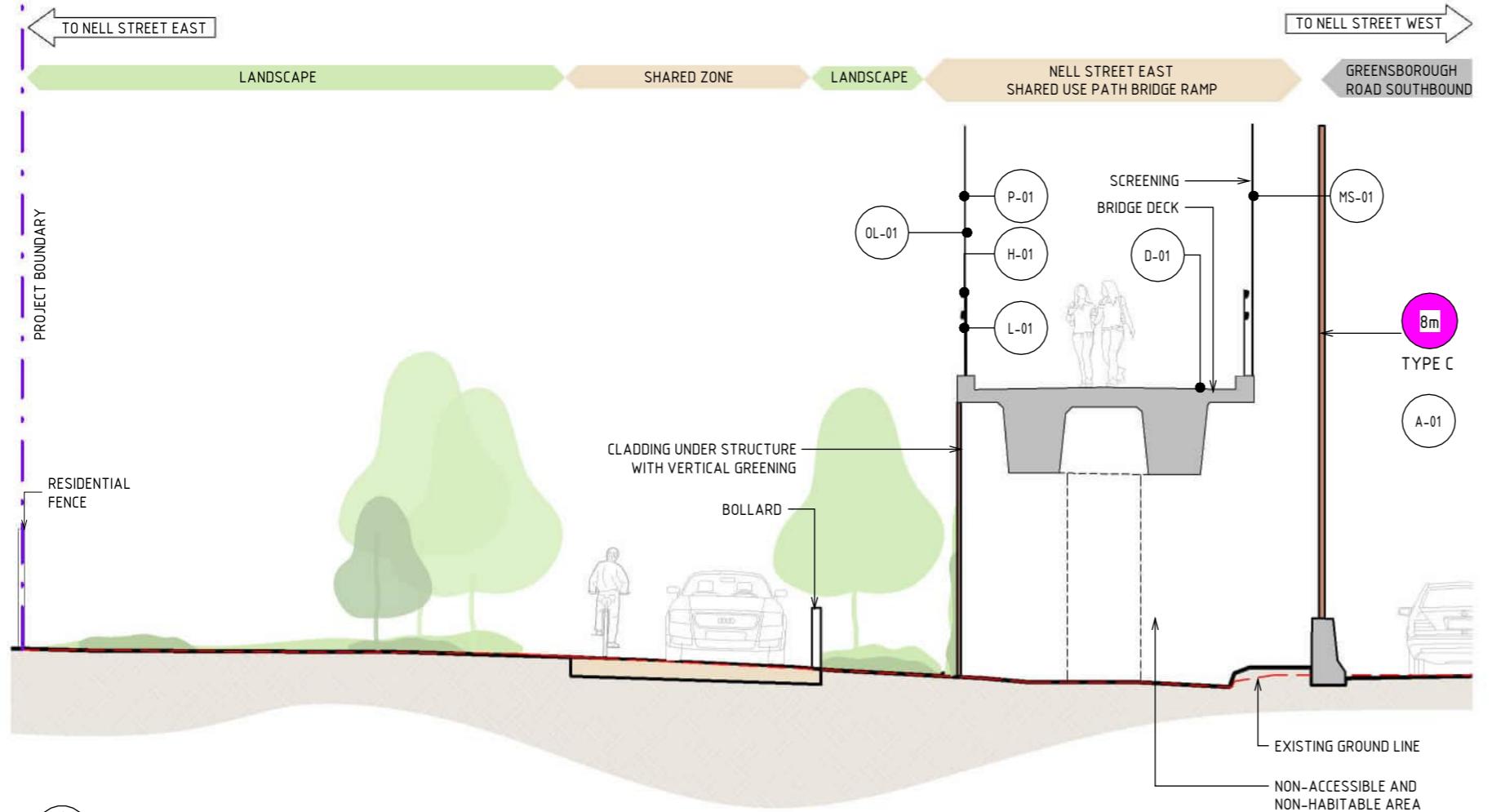
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SUIT. CODE 7

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
NELL STREET SHARED USE PATH BRIDGE - ELEVATION

DOT No.:



1 SECTION - NELL STREET EAST SHARED USE PATH BRIDGE RAMP
SCALE : 1:100

NOTE:

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- A SHARED ZONE WILL BE PROVIDED PER THE AUSTRROADS GUIDE TO TRAFFIC MANAGEMENT AND INCLUDE A REDUCED SPEED LIMIT TO PRIORITISE PEDESTRIAN AND CYCLING MOVEMENT IN SPATIALLY CONSTRAINED, LOW-TRAFFIC AREAS.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE AND RETAINING WALLS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.
- EXTENTS OF VERTICAL GREENING TO COMMUNITY SIDE IS SUBJECT TO DESIGN DEVELOPMENT.

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

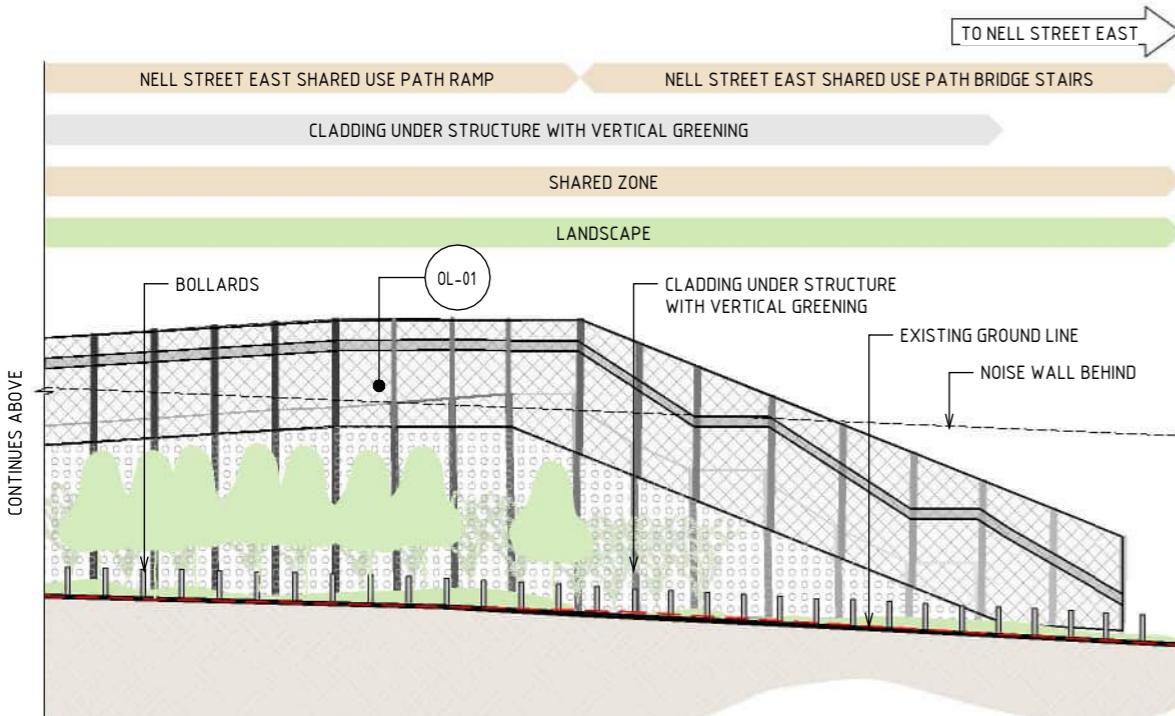
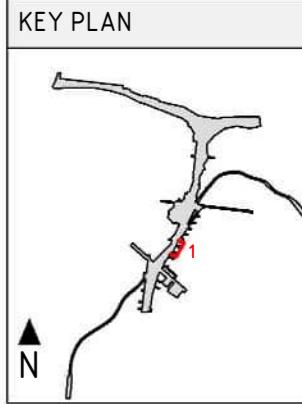
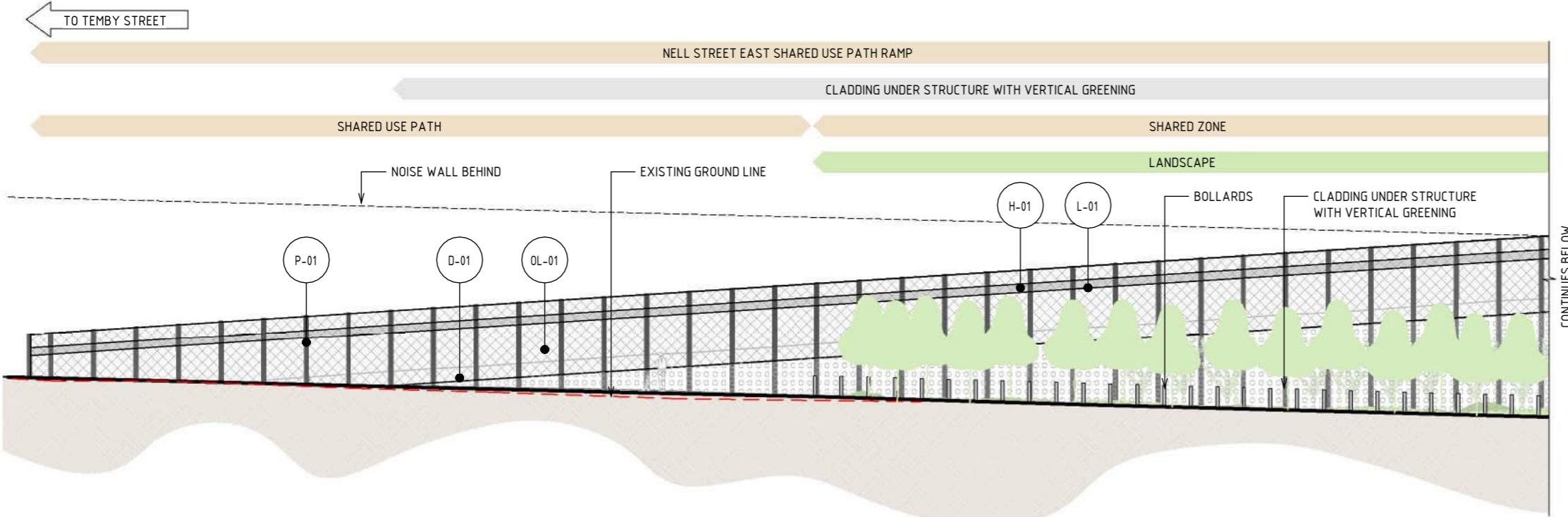
NORTH EAST LINK PROGRAM		ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN	
RING ROAD COMPLETION		ZONE 3 GREENSBOROUGH ROAD	
NEL STREET EAST SHARED USE PATH UNDERCROFT - SECTION			
PROJECT CONTRACT:	NELP DRAWING No.:		SUIT. CODE
NORTH	NEL-NTH-NNA-3900-EPU-DRG-1516		REVISION

KEY PLAN	
	N
LEGEND	
<ul style="list-style-type: none"> PROJECT BOUNDARY EXISTING GROUND LEVEL MAXIMUM NOISE WALL HEIGHT (IN METRES) 	
MATERIAL LEGEND	
ACRYLIC FINISHES	
A-01	TRANSPARENT TINTED ACRYLIC PANEL
TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYAMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.	
P-02	PAINT OVER STEEL - TYPE 02
PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.	
DECKING FINISHES	
D-01	BRIDGE DECK
BRIDGE DECK WATER PROOFING, MAINTENANCE COATING AND ANTI-SLIP TEXTURING.	
HANDRAIL FINISHES	
H-01	STAINLESS STEEL HANDRAIL
CONTINUOUS HANDRAIL, 316 STAINLESS STEEL FINISH. 50mm DIAMETER.	
LIGHTING	
L-01	LIGHTING
LIGHTING WITH TUNABLE RGBW COLOURS. FIXED COLOUR TEMPERATURE.	
PAINT FINISHES	
P-01	PAINT OVER STEEL - TYPE 01
PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.	
MESH FINISHES	
MS-01	WIRE MESH PROTECTION SCREEN
WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.	

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	REVISIONS										7



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- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE WALLS, RETAINING WALLS AND SCREENS ARE SHOWN AND SUBJECT TO DESIGN DEVELOPMENT.
- FOR DETAIL ON THE OVERSHADING AND OVERLOOKING, PLEASE REFER TO ATTACHMENT 4 - URBAN DESIGN OVERSHADING AND OVERLOOKING ASSESSMENT.
- EXTENTS OF VERTICAL GREENING TO COMMUNITY SIDE IS SUBJECT TO DESIGN DEVELOPMENT.

MATERIAL LEGEND

ACRYLIC FINISHES

OL-01 TRANSLUCENT TINTED ACRYLIC OR PERFORATED STEEL PANEL

TRANSLUCENT TINTED ACRYLIC, INTEGRATED POLYIMIDE OR PERFORATED STAINLESS STEEL PANEL TO CUSTOM MANUFACTURED SHAPES. MATERIAL AND EXTENT OF APPLICATION ARE TO BE FINALISED IN DESIGN DEVELOPMENT PHASE IN CONSULTATION WITH DIRECTLY IMPACTED PROPERTIES.



DECKING FINISHES

D-01 BRIDGE DECK

BRIDGE DECK WATER PROOFING, MAINTENANCE COATING AND ANTI-SLIP TEXTURING.

PAINT FINISHES

P-01 PAINT OVER STEEL - TYPE 01

PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



LIGHTING

L-01 LIGHTING

LIGHTING WITH TUNABLE RGBW COLOURS, FIXED COLOUR TEMPERATURE.

HANDRAIL FINISHES

H-01 STAINLESS STEEL HANDRAIL

CONTINUOUS HANDRAIL, 316 STAINLESS STEEL FINISH. 50mm DIAMETER.

MESH FINISHES

MS-01 WIRE MESH PROTECTION SCREEN

WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.

1 ELEVATION - NELL STREET EAST SHARED PATH BRIDGE

SCALE : 1: 250

1:250 2.5 0 2.5 5 7.5 10 12.5m

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

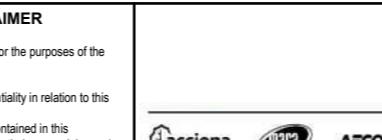
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6	UDLP AMENDMENT REVIEW	05/09/25				
5	UDLP FINAL SUBMISSION	21/08/24				
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	DATE	05/11/25
3	UDLP REVISION 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	DATE	05/11/25
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	DATE	05/11/25

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	REVISIONS										7

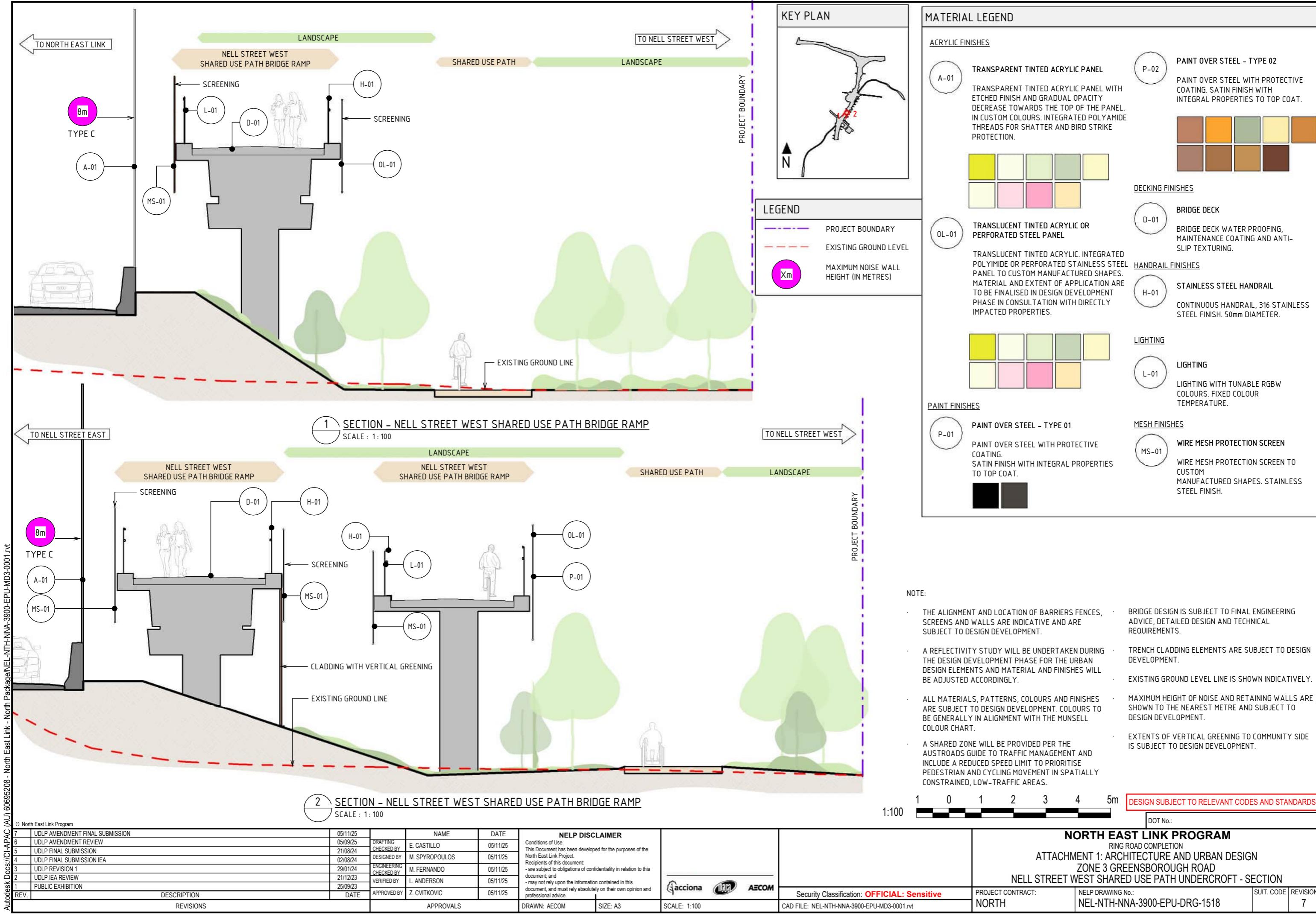
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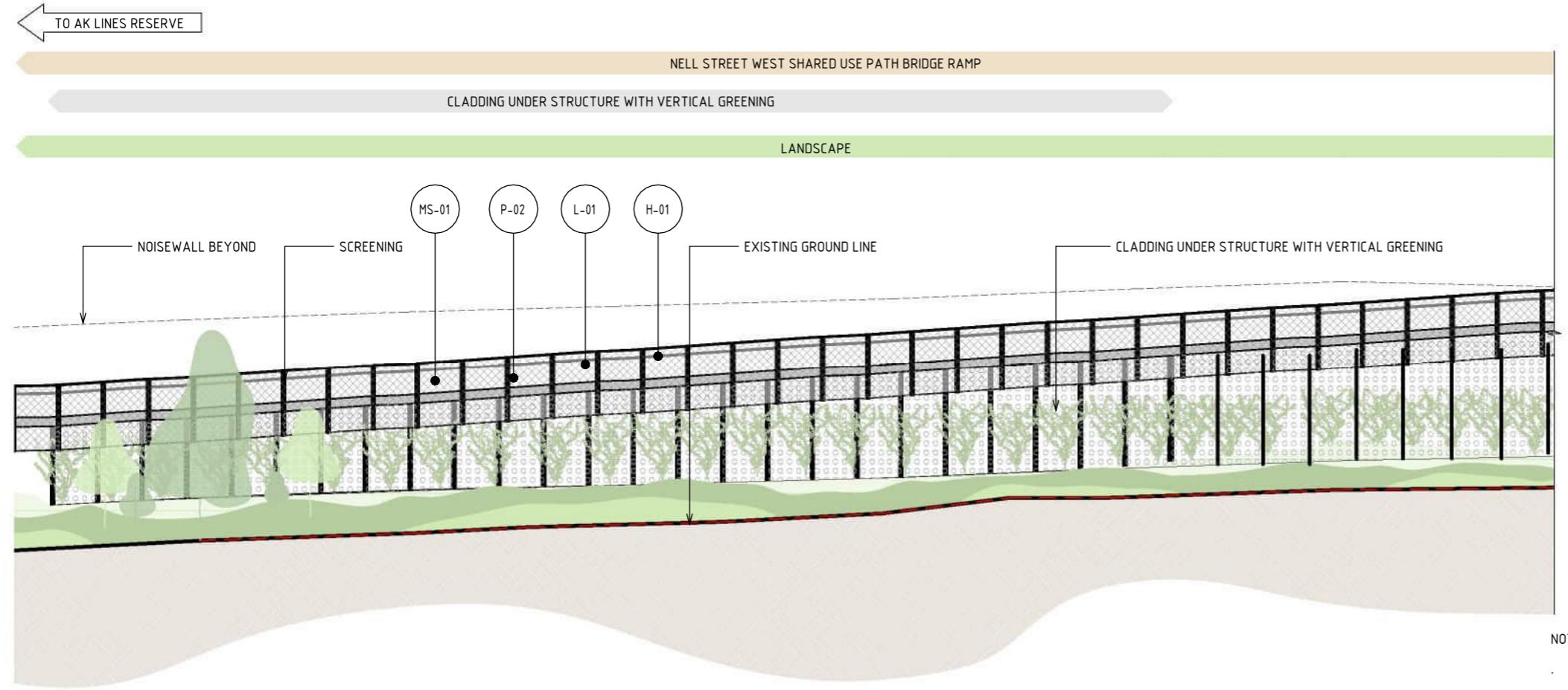
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
NELL STREET EAST SHARED USE PATH UNDERCROFT - ELEVATION

Security Classification: OFFICIAL: Sensitive
PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1517
SUIT. CODE
REVISION





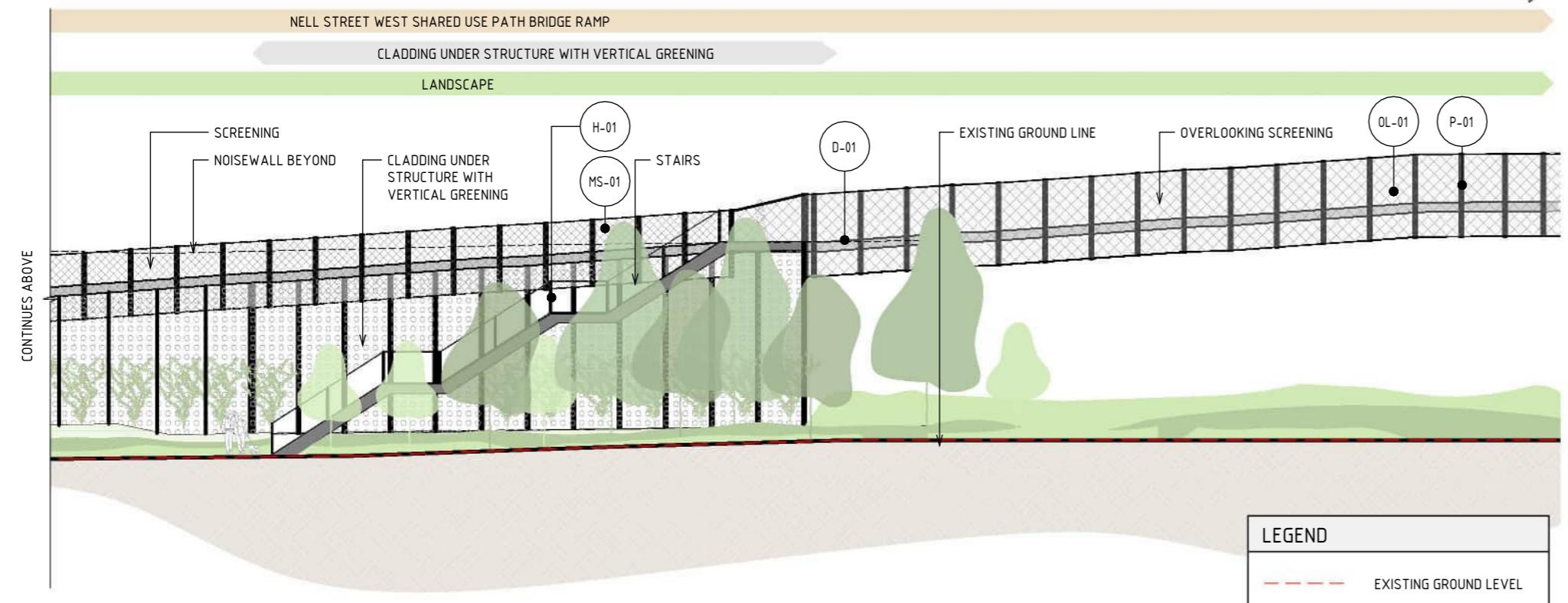
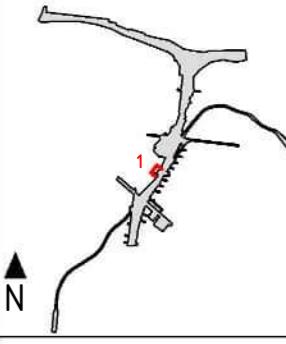
MATERIAL LEGEND

ACRYLIC FINISHES

OL-01 TRANSLUCENT TINTED ACRYLIC OR PERFORATED STEEL PANEL
OL-02 TRANSLUCENT TINTED ACRYLIC, INTEGRATED POLYIMIDE OR PERFORATED STAINLESS STEEL PANEL TO CUSTOM MANUFACTURED SHAPES. MATERIAL AND EXTENT OF APPLICATION ARE TO BE FINALISED IN DESIGN DEVELOPMENT PHASE IN CONSULTATION WITH DIRECTLY IMPACTED PROPERTIES.



KEY PLAN



LEGEND

--- EXISTING GROUND LEVEL

2.5 0 2.5 5 7.5 10 12.5m

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 3 GREENSBOROUGH ROAD
NEL STREET WEST SHARED USE PATH UNDERCROFT - ELEVATION

PROJECT CONTRACT: NORTH
NEL DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1519
SUIT. CODE: 7
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1 ELEVATION - NELL STREET WEST SHARED USE PATH BRIDGE

SCALE: 1: 250

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REV. DESCRIPTION DATE APPROVALS DRAWN: AECOM SIZE: A3 SCALE: 1:250

REVISIONS

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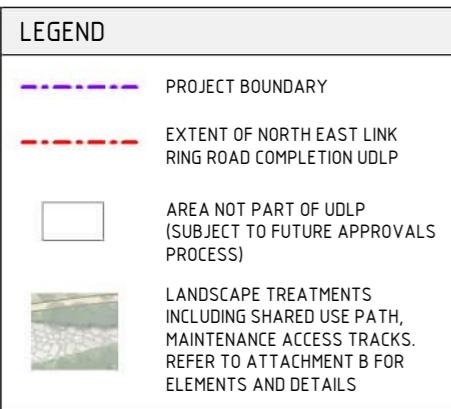
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ZONE 4 WATSONIA PRECINCT

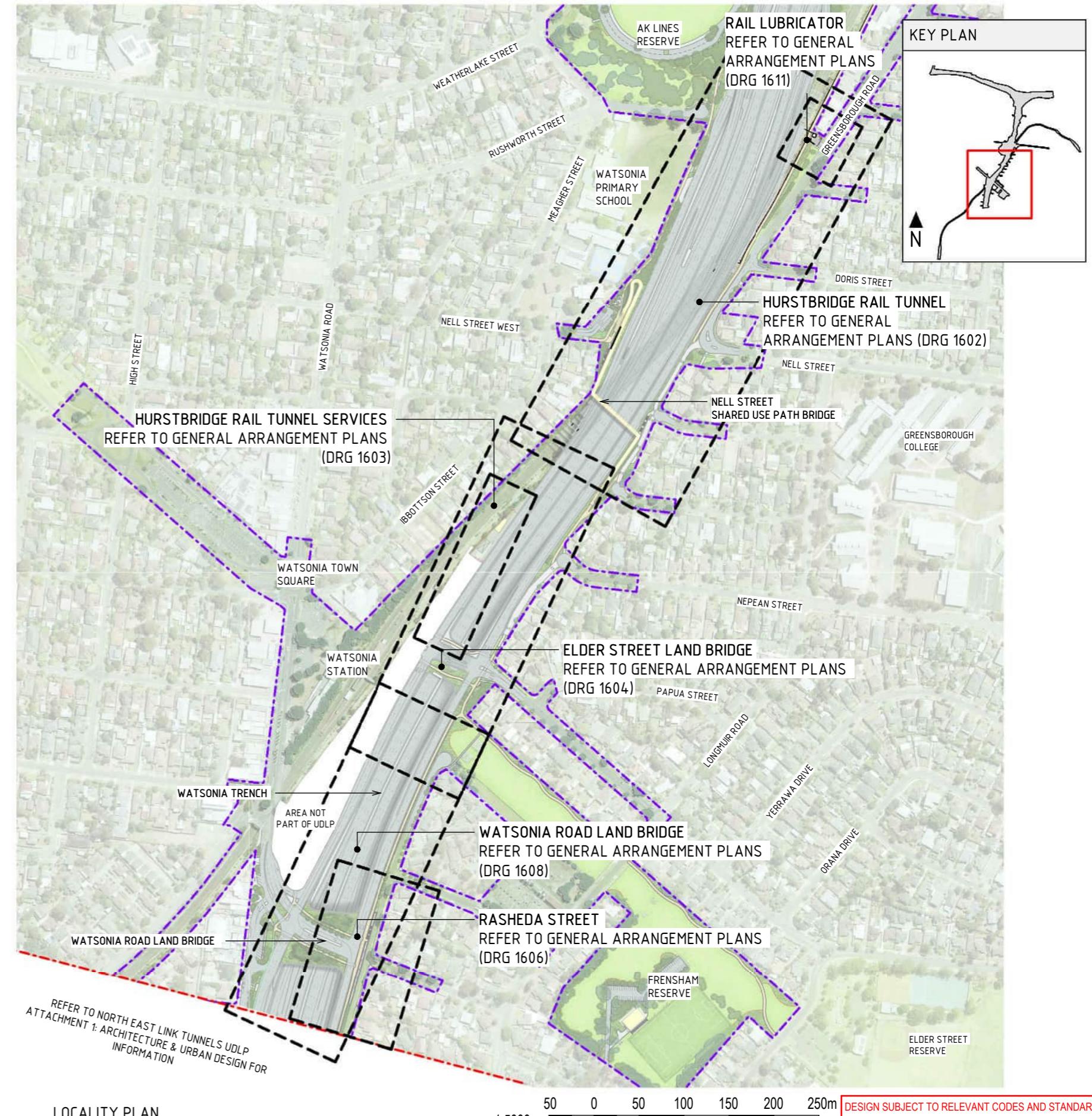
DRAWING INDEX

DRAWING NAME	SHEET NUMBER
LOCALITY PLAN	NEL-NTH-NNA-3900-EPU-DRG-1601
GENERAL ARRANGEMENT PLANS - HURSTBRIDGE RAIL TUNNEL AND SECTION	NEL-NTH-NNA-3900-EPU-DRG-1602
GENERAL ARRANGEMENT PLANS - HURSTBRIDGE RAIL TUNNEL SERVICES	NEL-NTH-NNA-3900-EPU-DRG-1603
GENERAL ARRANGEMENT PLANS - ELDER STREET LAND BRIDGE PLAN	NEL-NTH-NNA-3900-EPU-DRG-1604
SECTIONS AND ELEVATIONS - ELDER STREET LAND BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1605
GENERAL ARRANGEMENT PLANS - RASHEDA STREET PLAN	NEL-NTH-NNA-3900-EPU-DRG-1606
ELEVATIONS - RASHEDA STREET	NEL-NTH-NNA-3900-EPU-DRG-1607
GENERAL ARRANGEMENT PLANS - WATSONIA ROAD LAND BRIDGE PLAN	NEL-NTH-NNA-3900-EPU-DRG-1608
ELEVATIONS - WATSONIA ROAD LAND BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1609
ELEVATIONS - WATSONIA ROAD LAND BRIDGE	NEL-NTH-NNA-3900-EPU-DRG-1610
GENERAL ARRANGEMENT PLANS - RAIL LUBRICATOR	NEL-NTH-NNA-3900-EPU-DRG-1611



NOTE:

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- ALL MATERIALS, PATTERNS, COLOURS, EXTENTS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.



LOCALITY PLAN

SCALE 1:5000

1:5000



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PROJECT CONTRACT: NORTH

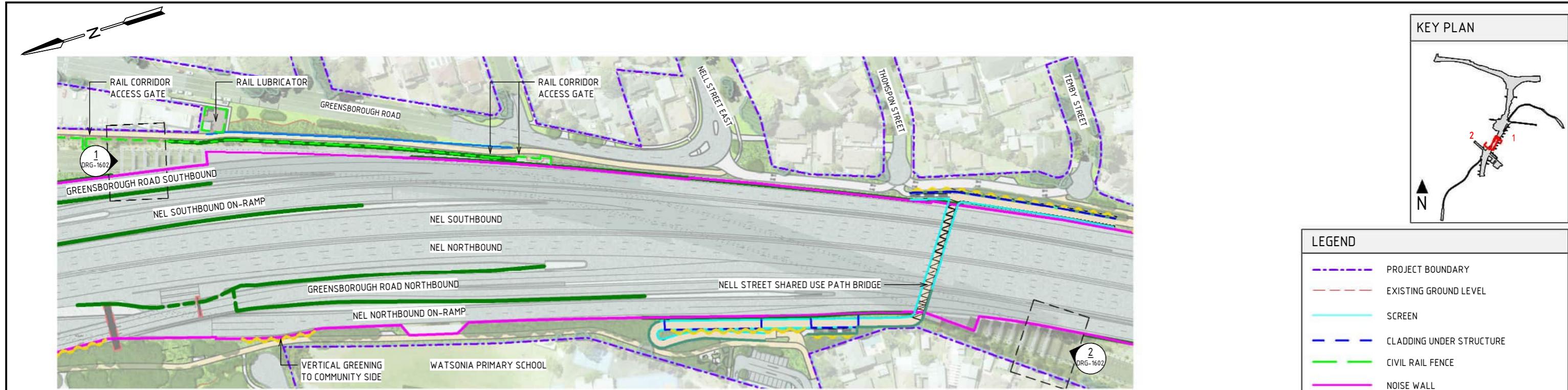
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DOT No.:

NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 4 WATSONIA PRECINCT
LOCALITY PLAN

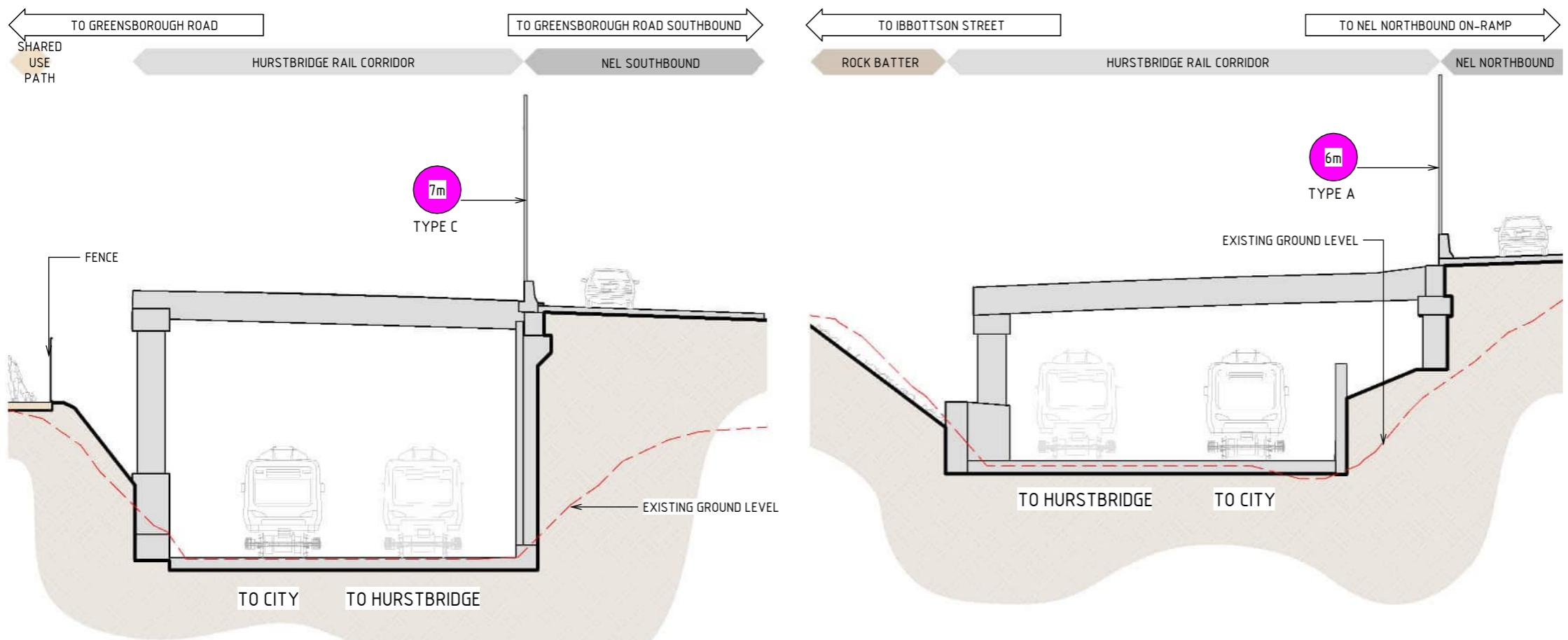
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2	UDLP IEA REVIEW	21/12/23	APPROVED BY	Z. CVITKOVIC	05/11/25
1	PUBLIC EXHIBITION	25/09/23			

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	REVISIONS										7



GENERAL ARRANGEMENT - HURSTBRIDGE RAIL TUNNEL

SCALE 1:200



1 SECTION - HURSTBRIDGE RAIL TUNNEL NORTH

SCALE : 1:200

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2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25
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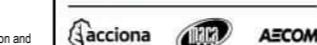
2 SECTION - HURSTBRIDGE RAIL TUNNEL SOUTH

SCALE : 1:200

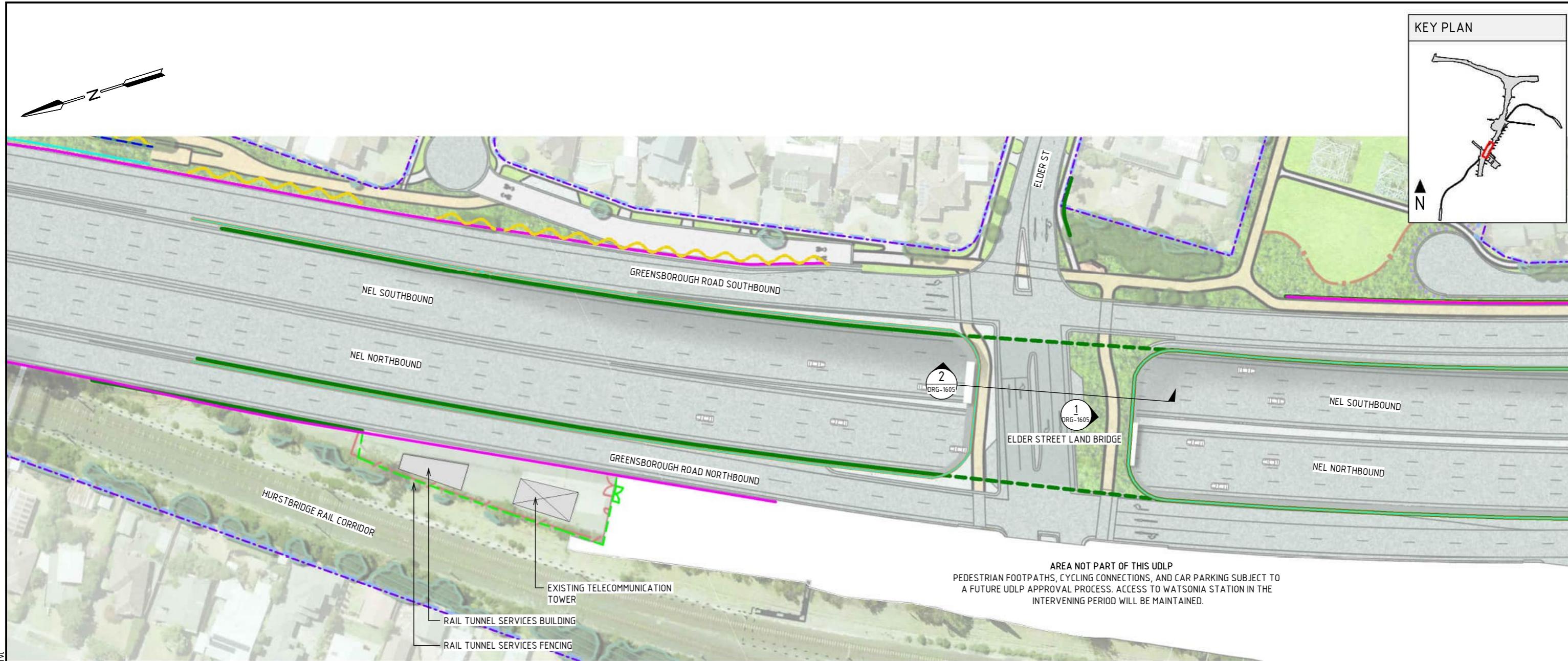
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NORTH EAST LINK PROGRAM					
RING ROAD COMPLETION					
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN					
ZONE 4 WATSONIA PRECINCT					
GREENSBOROUGH ROAD RAIL TUNNEL PLAN AND ELEVATION					
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GENERAL ARRANGEMENT - ELDER STREET LAND BRIDGE

SCALE 1:1000

NOTE:

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- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- RAIL SERVICES/LUBRICATOR ARE SUBJECT TO MTM ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- EXTENTS OF VERTICAL GREENING TO COMMUNITY SIDE IS SUBJECT TO DESIGN DEVELOPMENT.

LEGEND

	PROJECT BOUNDARY		RETAINING WALL UNDER STRUCTURE
	SCREEN		VERTICAL GREENING TO COMMUNITY SIDE
	FENCE		LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS. REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS
	CIVIL RAIL FENCE		NOISE WALL
	BARRIER WITH URBAN DESIGN TREATMENT		AREA NOT PART OF UDLR (SUBJECT TO FUTURE APPROVALS PROCESS)
	RETAINING WALL		

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DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

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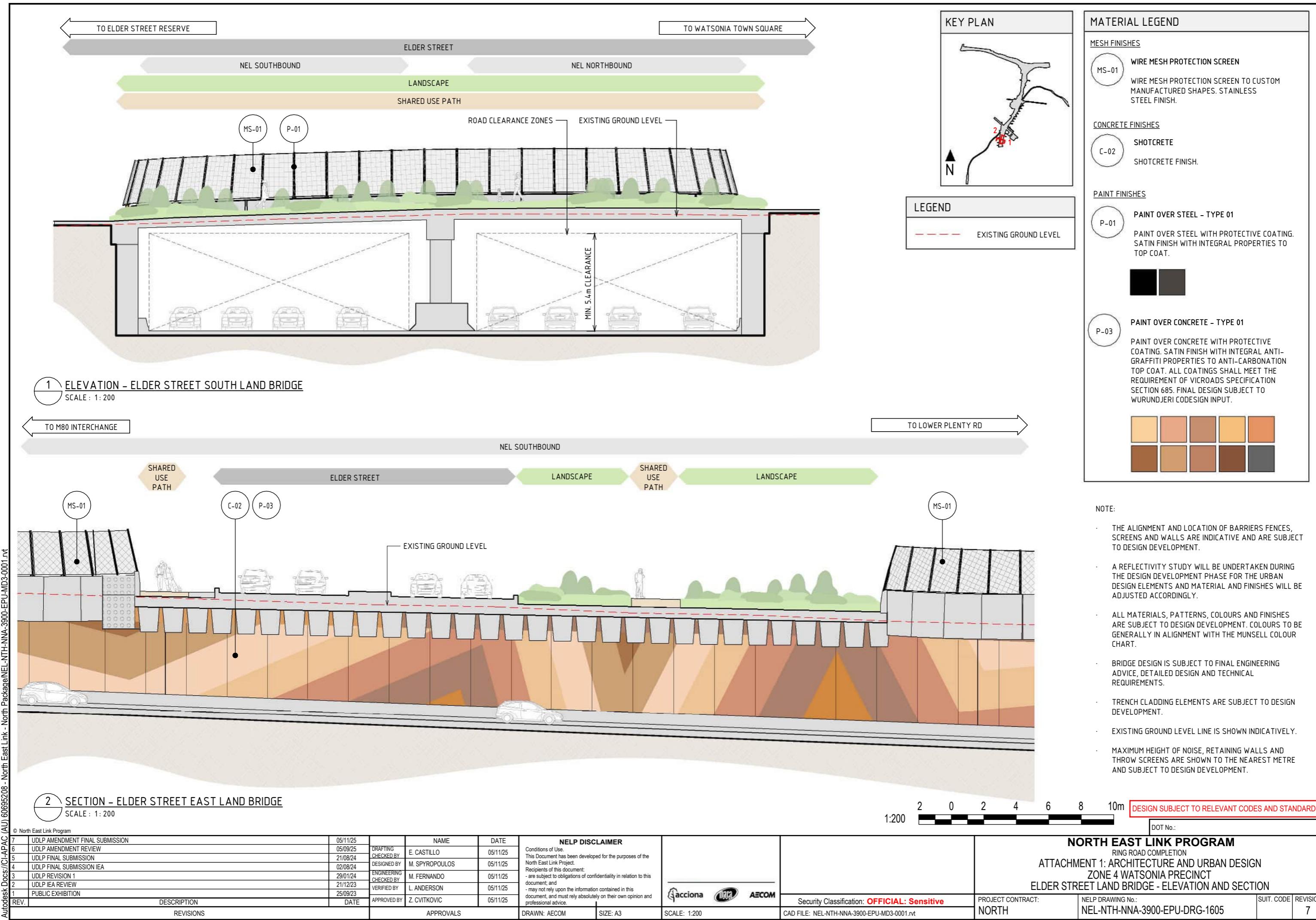
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2	UDLP IEA REVIEW	21/12/23	CHECKED BY		
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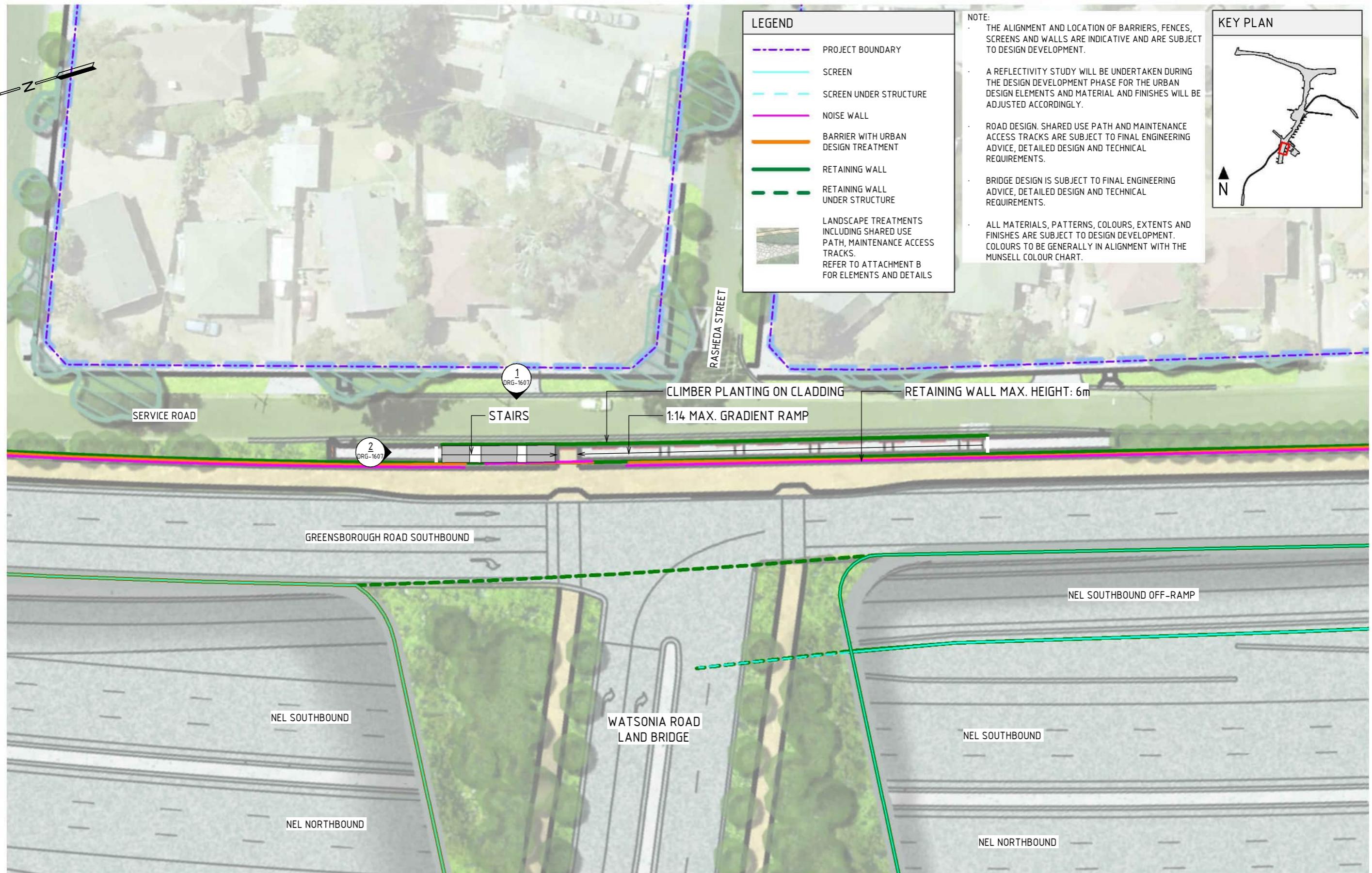
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 4 WATSONIA PRECINCT
GENERAL ARRANGEMENT PLAN - ELDER STREET LAND BRIDGE





GENERAL ARRANGEMENT - RASHEDA STREET

SCALE 1:500

1:500 5 0 5 10 15 20 25m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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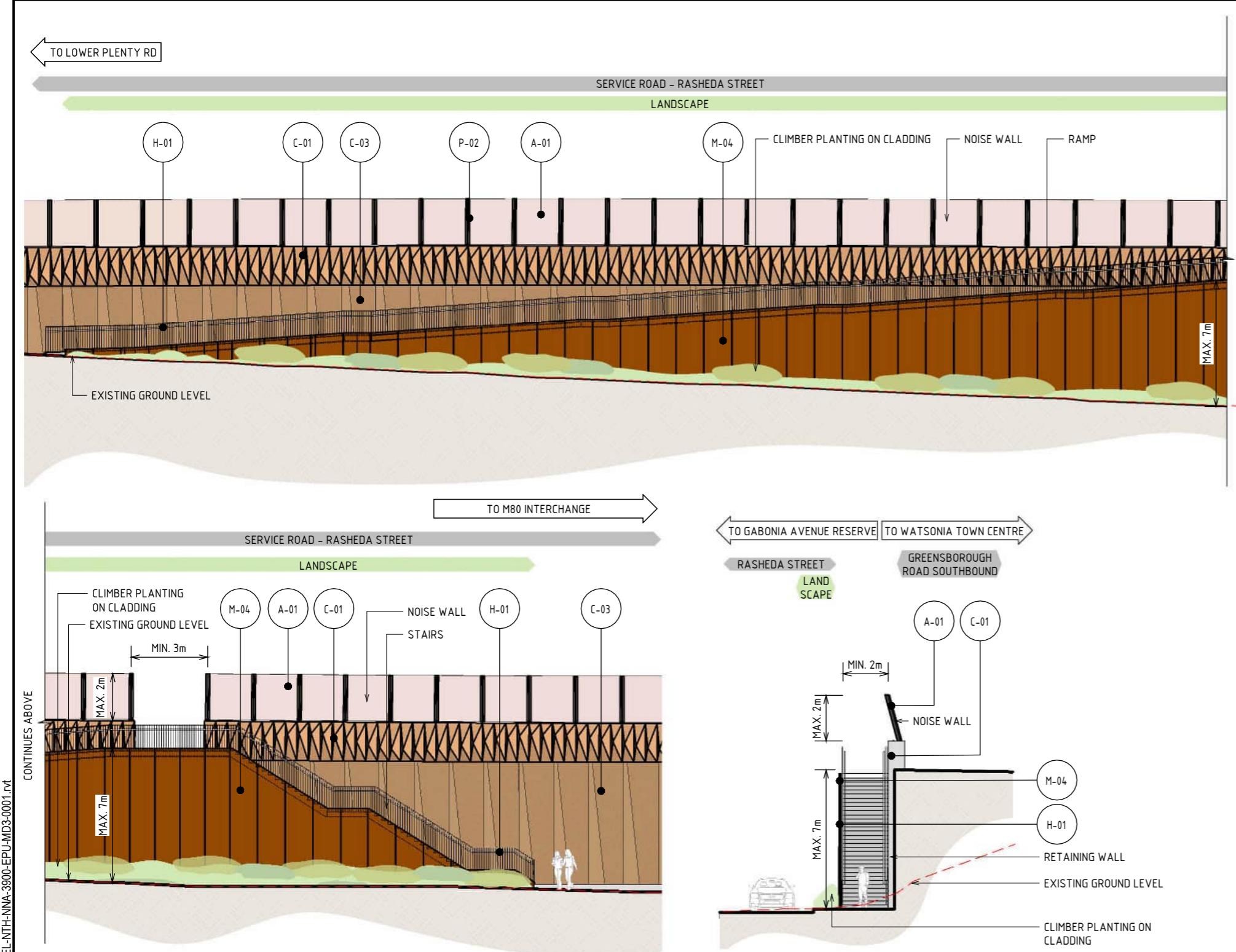


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NORTH EAST LINK PROGRAM
 RING ROAD COMPLETION
 ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
 ZONE 4 WATSONIA PRECINCT
 GENERAL ARRANGEMENT PLAN - RASHEDA STREET

PROJECT CONTRACT: NORTH NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1606 SUIT. CODE: 7
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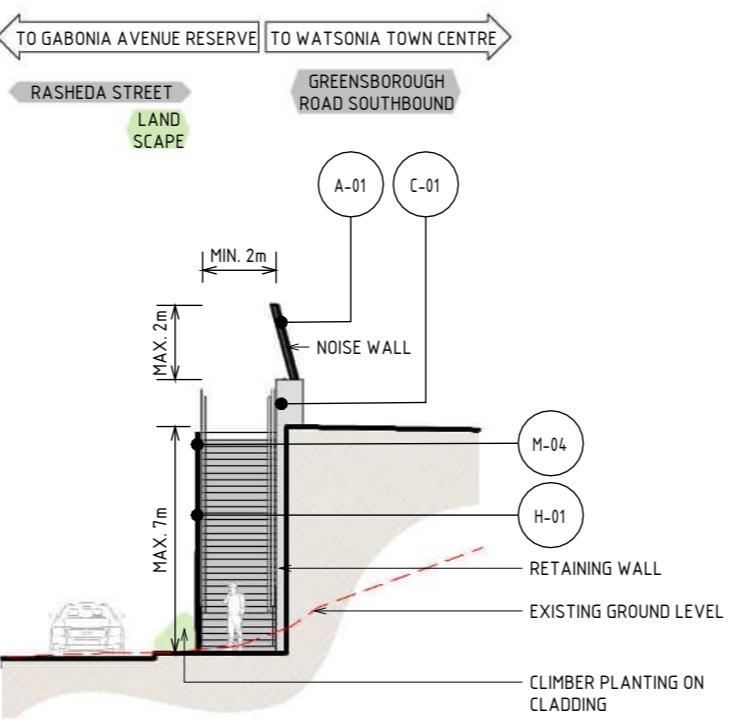


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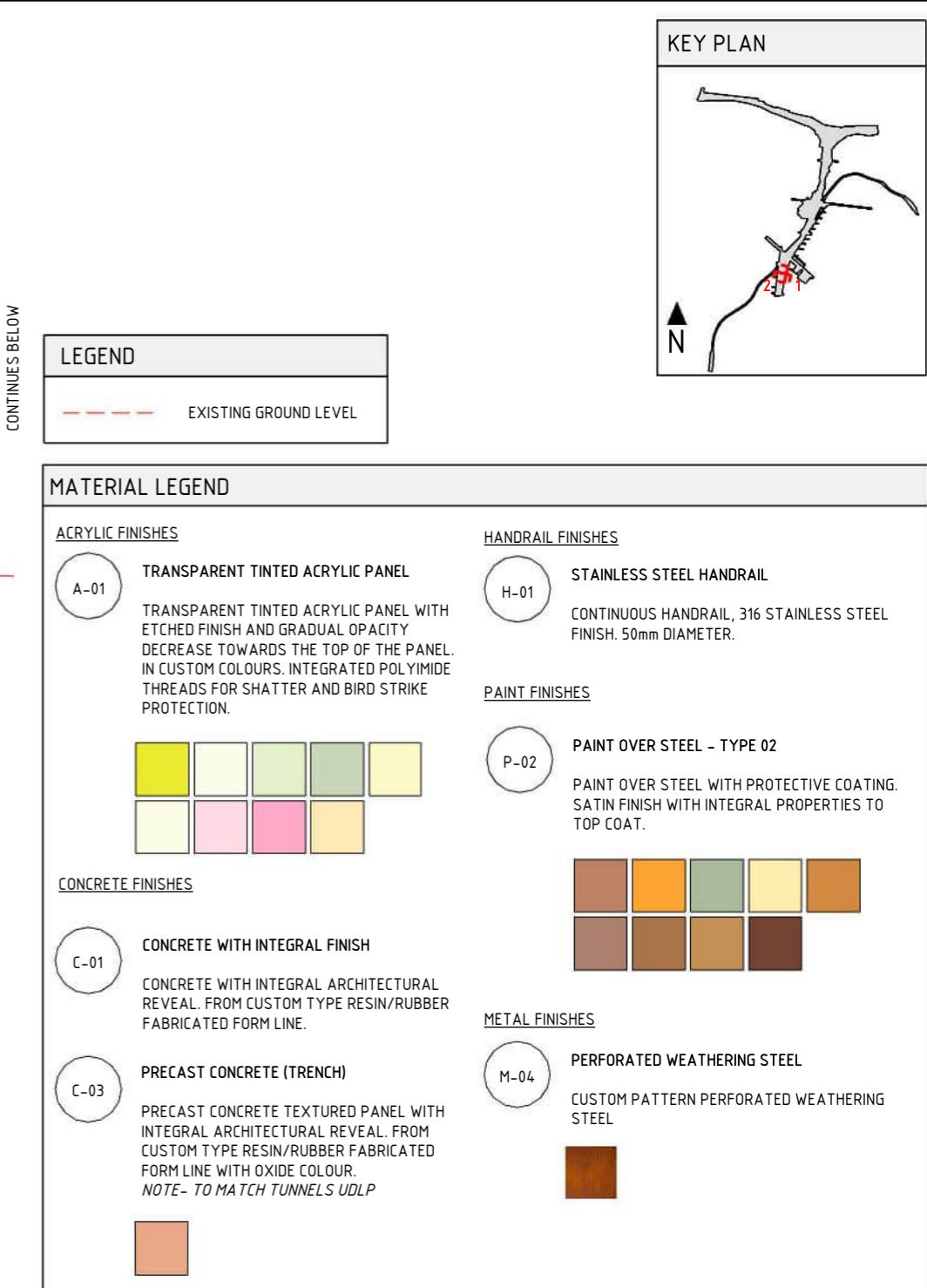
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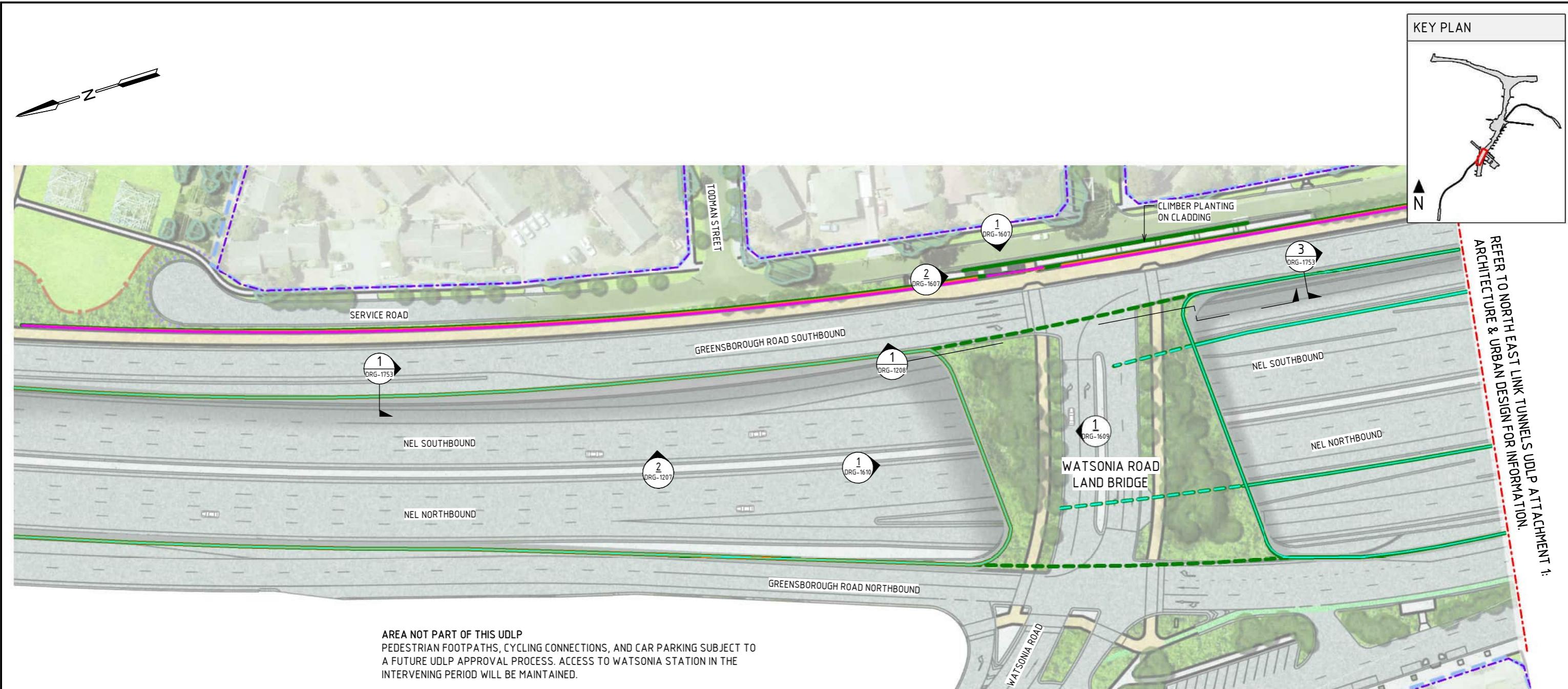
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2 ELEVATION - SERVICE ROAD-RASHEDA STREET SOUTH

SCALE : 1: 200





GENERAL ARRANGEMENT - WATSONIA ROAD LAND BRIDGE

SCALE 1:1000

AREA NOT PART OF THIS UDLA
PEDESTRIAN FOOTPATHS, CYCLING CONNECTIONS, AND CAR PARKING SUBJECT TO
A FUTURE UDLA APPROVAL PROCESS. ACCESS TO WATSONIA STATION IN THE
INTERVENING PERIOD WILL BE MAINTAINED.

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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LEGEND

-----	PROJECT BOUNDARY	-----	RETAINING WALL UNDER STRUCTURE
-----	SCREEN	-----	LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS. REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS
-----	SCREEN UNDER STRUCTURE	-----	AREA NOT PART OF THIS UDLA
-----	FENCE	-----	EXTENT OF NORTH EAST LINK RING ROAD COMPLETION UDLA
-----	NOISE WALL	-----	
-----	BARRIER WITH URBAN DESIGN TREATMENT	-----	
-----	RETAINING WALL	-----	

10 0 10 20 30 40 50m

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN

ZONE 4 WATSONIA PRECINCT

GENERAL ARRANGEMENT PLAN - WATSONIA ROAD LAND BRIDGE

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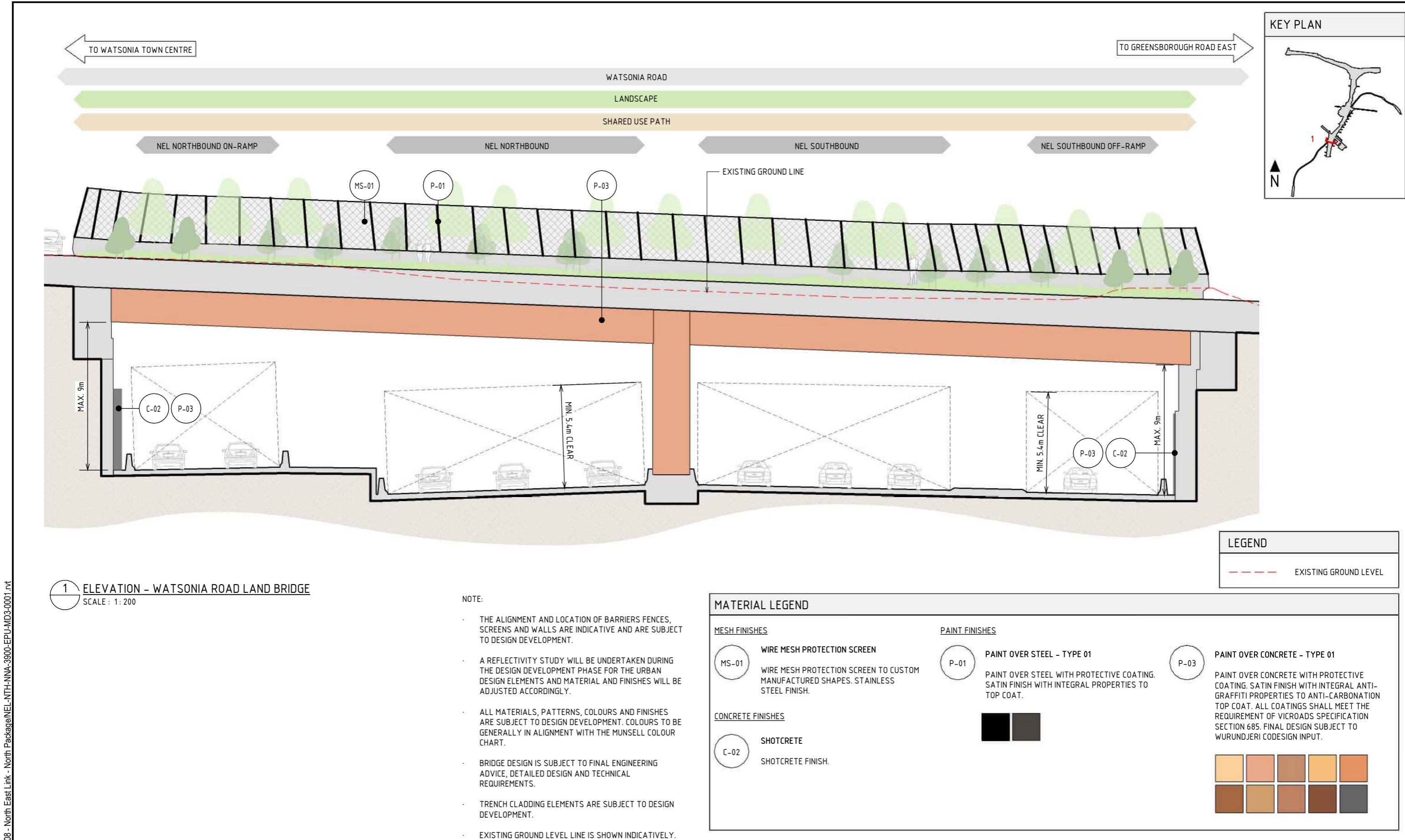


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PROJECT CONTRACT: NORTH

NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1608

SUIT. CODE 7



1 ELEVATION - WATSONIA ROAD LAND BRIDGE
SCALE : 1: 200

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS FENCES, SCREENS AND WALLS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALL MATERIALS, PATTERNS, COLOURS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- TRENCH CLADDING ELEMENTS ARE SUBJECT TO DESIGN DEVELOPMENT.
- EXISTING GROUND LEVEL LINE IS SHOWN INDICATIVELY.
- MAXIMUM HEIGHT OF NOISE, RETAINING WALLS AND THROW SCREENS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.

MATERIAL LEGEND

MESH FINISHES	PAINT FINISHES
MS-01 WIRE MESH PROTECTION SCREEN WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.	P-01 PAINT OVER STEEL - TYPE 01 PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.
C-02 SHOTCRETE SHOTCRETE FINISH.	P-03 PAINT OVER CONCRETE - TYPE 01 PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.

1:200 2 0 2 4 6 8 10m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 4 WATSONIA PRECINCT
WATSONIA ROAD LAND BRIDGE - ELEVATIONS

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25				05/11/25
5	UDLP FINAL SUBMISSION	21/08/24				
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS		05/11/25
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC		05/11/25
REV.	DESCRIPTION	DATE				
	REVISIONS					

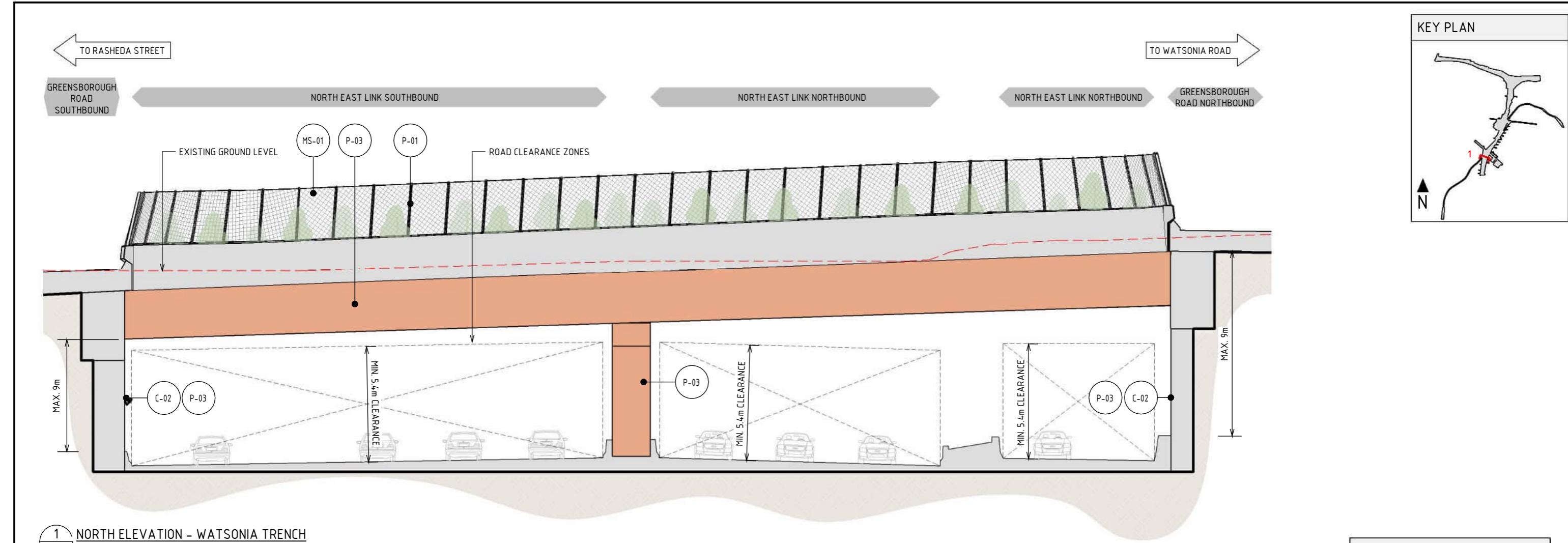


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PROJECT CONTRACT:
NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1609

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1 NORTH ELEVATION - WATSONIA TRENCH
SCALE : 1: 200



NOTE:

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MATERIAL LEGEND

PAINT FINISHES



PAINT OVER STEEL - TYPE 01

PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.



PAINT OVER CONCRETE - TYPE 01

PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.



CONCRETE FINISHES



SHOTCRETE
SHOTCRETE FINISH.

MESH FINISHES



WIRE MESH PROTECTION SCREEN
WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.

1:200 2 0 2 4 6 8 10m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ZONE 4 WATSONIA PRECINCT
WATSONIA ROAD LAND BRIDGE - ELEVATIONS

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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	L. ANDERSON		05/11/25

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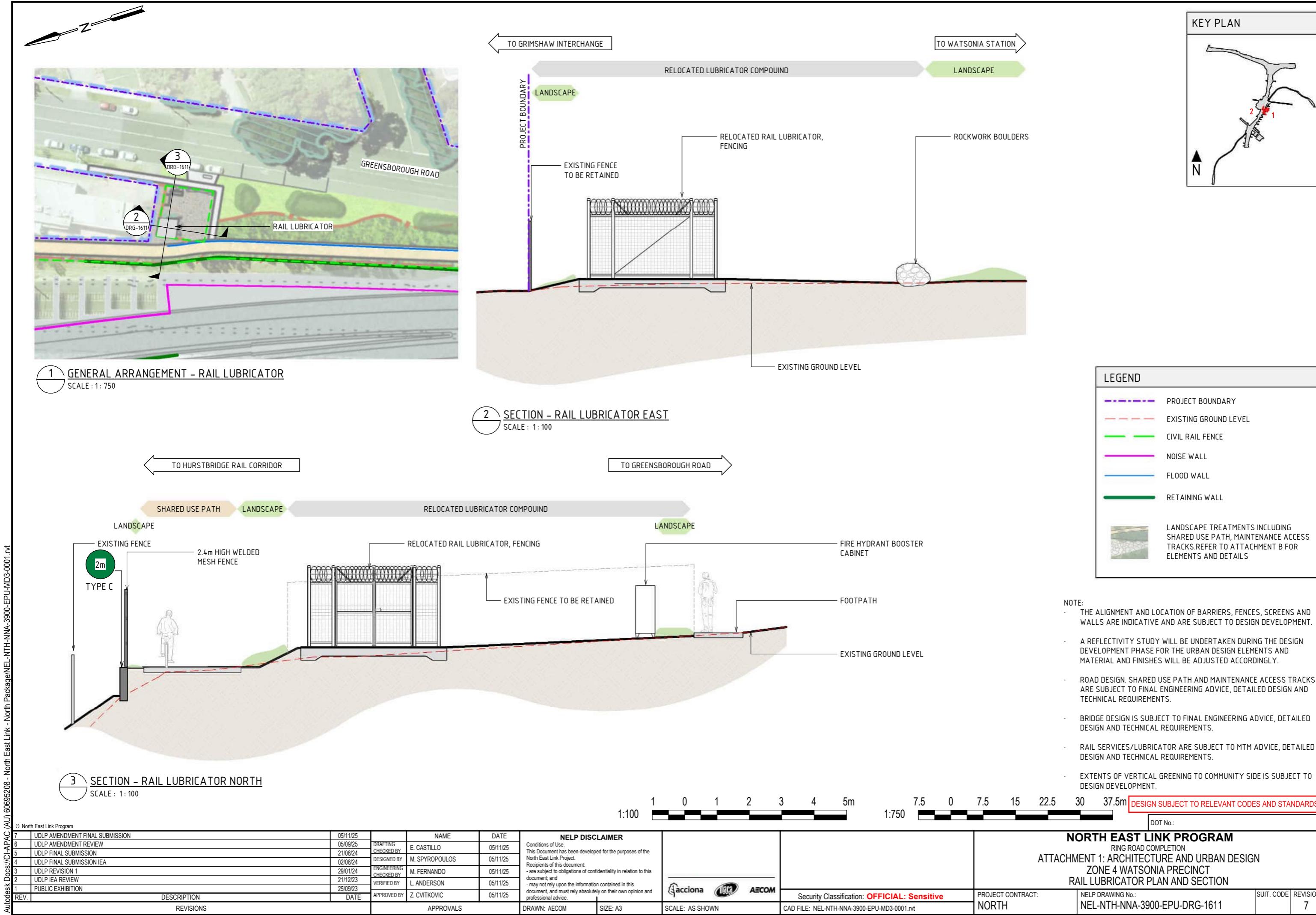
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PROJECT CONTRACT:
NORTH

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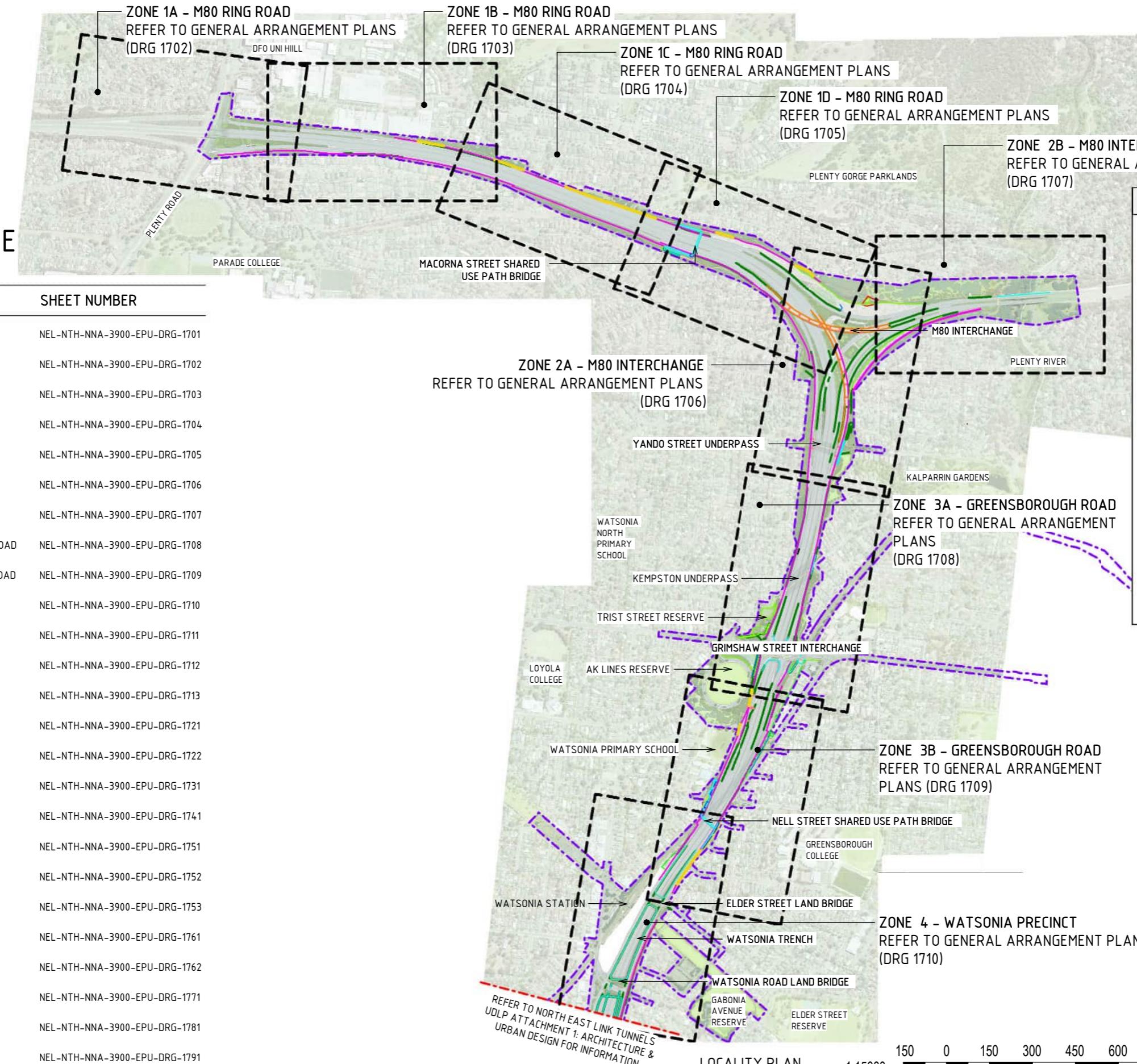
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7

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ROAD INFRASTRUCTURE DRAWING INDEX

DRAWING NAME	SHEET NUMBER
LOCALITY PLAN	NEL-NTH-NNA-3900-EPU-DRG-1701
ROAD INFRASTRUCTURE PLANS - ZONE 1A - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1702
ROAD INFRASTRUCTURE PLANS - ZONE 1B - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1703
ROAD INFRASTRUCTURE PLANS - ZONE 1C - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1704
ROAD INFRASTRUCTURE PLANS - ZONE 1D - M80 RING ROAD	NEL-NTH-NNA-3900-EPU-DRG-1705
ROAD INFRASTRUCTURE PLANS - ZONE 2A - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1706
ROAD INFRASTRUCTURE PLANS - ZONE 2B - M80 INTERCHANGE	NEL-NTH-NNA-3900-EPU-DRG-1707
ROAD INFRASTRUCTURE PLANS - ZONE 3A - GREENSBOROUGH ROAD	NEL-NTH-NNA-3900-EPU-DRG-1708
ROAD INFRASTRUCTURE PLANS - ZONE 3B - GREENSBOROUGH ROAD	NEL-NTH-NNA-3900-EPU-DRG-1709
ROAD INFRASTRUCTURE PLANS - ZONE 4 - WATSONIA PRECINCT	NEL-NTH-NNA-3900-EPU-DRG-1710
NOISE WALLS - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1711
NOISE WALLS - TYPES 02	NEL-NTH-NNA-3900-EPU-DRG-1712
NOISE WALLS - ELEVATIONS - SHEET 01	NEL-NTH-NNA-3900-EPU-DRG-1713
RETAINING WALLS - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1721
RETAINING WALLS - TYPES 02	NEL-NTH-NNA-3900-EPU-DRG-1722
FLOOD WALLS - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1731
SCREEN TYPES - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1741
BARRIER TYPES - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1751
BARRIER TYPES - TYPES 02	NEL-NTH-NNA-3900-EPU-DRG-1752
BARRIER TYPES - TYPES 03	NEL-NTH-NNA-3900-EPU-DRG-1753
GANTRY TYPES - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1761
GANTRY TYPES - TYPES 02	NEL-NTH-NNA-3900-EPU-DRG-1762
PIER TYPES - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1771
FENCE TYPES - TYPES 01	NEL-NTH-NNA-3900-EPU-DRG-1781
MATERIAL PRECEDENTS	NEL-NTH-NNA-3900-EPU-DRG-1791



LEGEND	
	PROJECT BOUNDARY
	SCREEN
	FENCE
	NOISE WALL
	FLOOD WALL
	BARRIER WITH URBAN DESIGN TREATMENT
	RETAINING WALL
	VERTICAL GREENING TO COMMUNITY SIDE
	PIER UNDER STRUCTURE
	LANDSCAPE TREATMENTS INCLUDING SHARED USE PATH, MAINTENANCE ACCESS TRACKS. REFER TO ATTACHMENT B FOR ELEMENTS AND DETAILS
	AREA NOT PART OF ULP (SUBJECT TO FUTURE APPROVALS PROCESS)
	EXTENT OF NORTH EAST LINK RING ROAD COMPLETION ULP

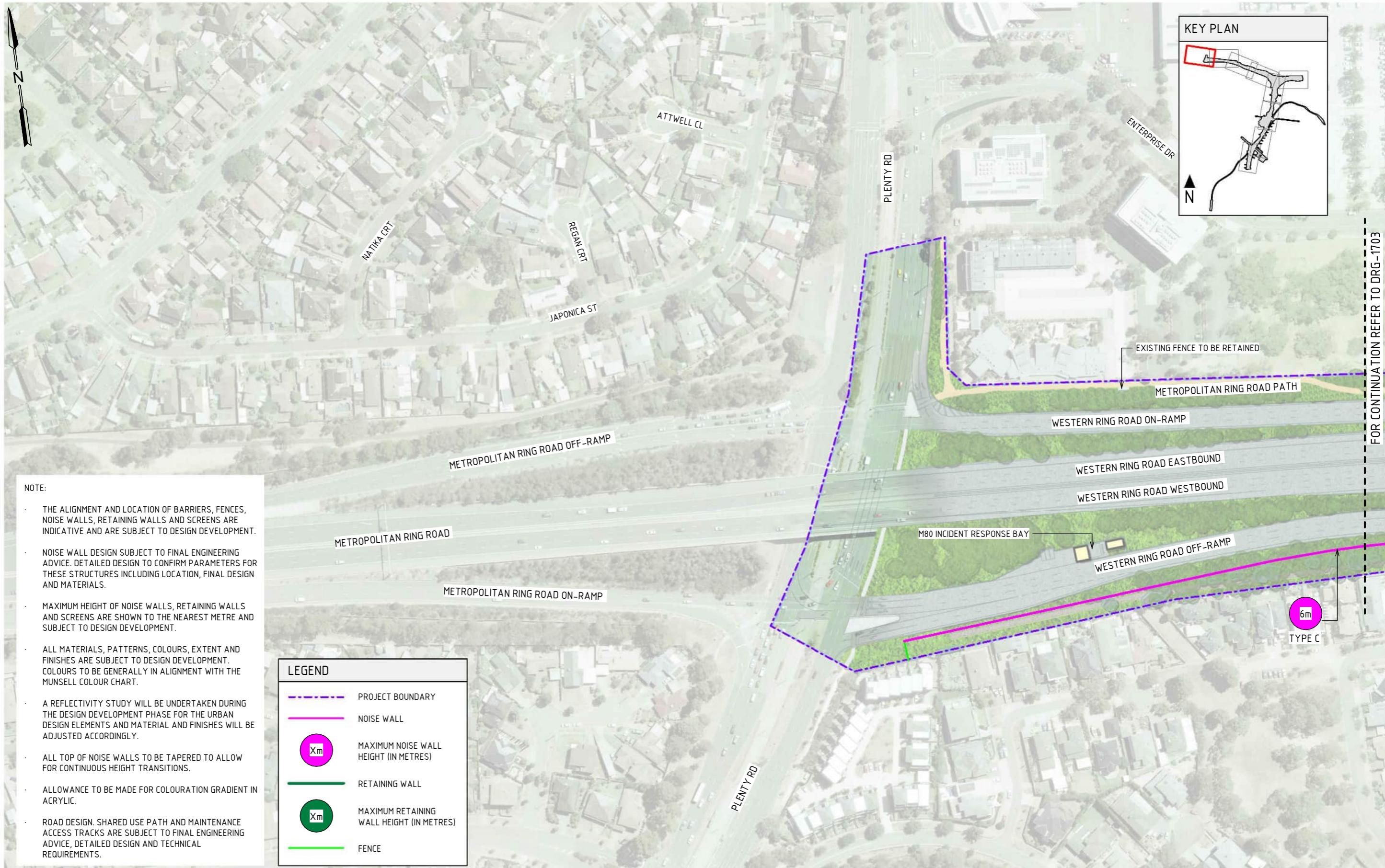
NOTE:

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- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- AREAS OF PLENTY ROAD SHARED USE PATH CONNECTION TO ENTERPRISE DRIVE SITED OUTSIDE PROJECT BOUNDARY TO BE PROVIDED IN AGREEMENT WITH WHITTLESEA COUNCIL.
- AREAS OF M80 SHARED USE PATH CONNECTIONS TO LOCAL STREET NETWORK SITED OUTSIDE PROJECT BOUNDARY TO BE PROVIDED IN AGREEMENT WITH NILLUMBIA COUNCIL.
- EXTENTS OF VERTICAL GREENING TO COMMUNITY SIDE IS SUBJECT TO DESIGN DEVELOPMENT.

NORTH EAST LINK PROGRAM	
RING ROAD COMPLETION	ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE	ROAD INFRASTRUCTURE
LOCALITY PLAN	LOCALITY PLAN
PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1701
SUIT. CODE	REVISION

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO	NAME	DATE
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3	UDLP REVISION 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO		
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON		
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC		

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ROAD INFRASTRUCTURE PLAN - ZONE 1A

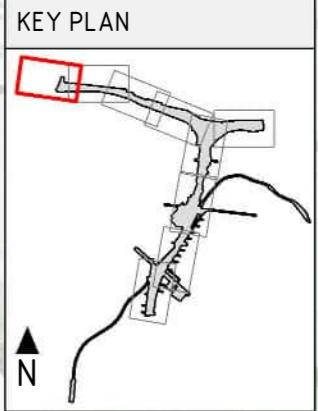
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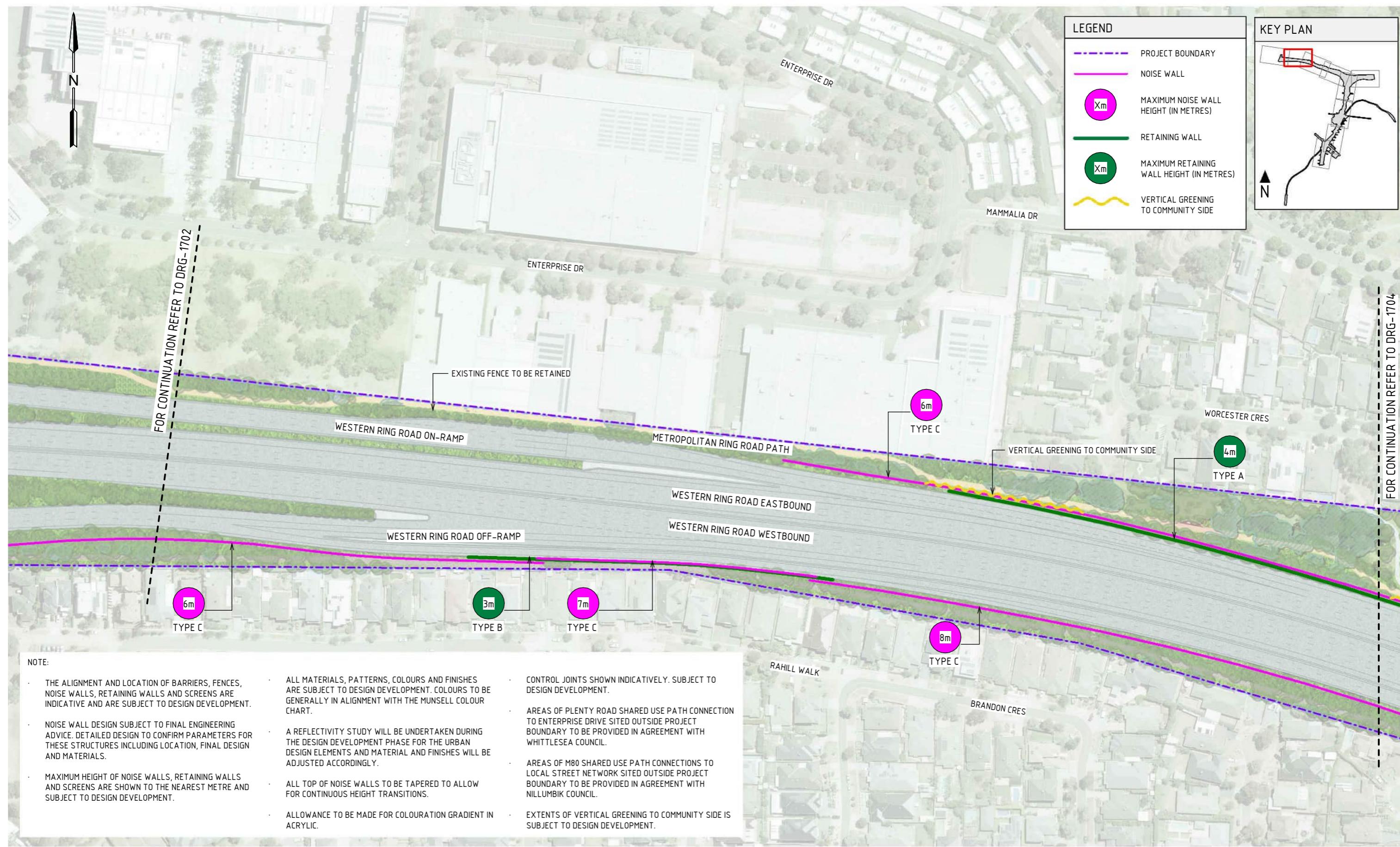
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ROAD INFRASTRUCTURE PLAN - ZONE 1B

SCALE 1: 2000

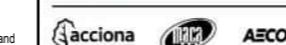
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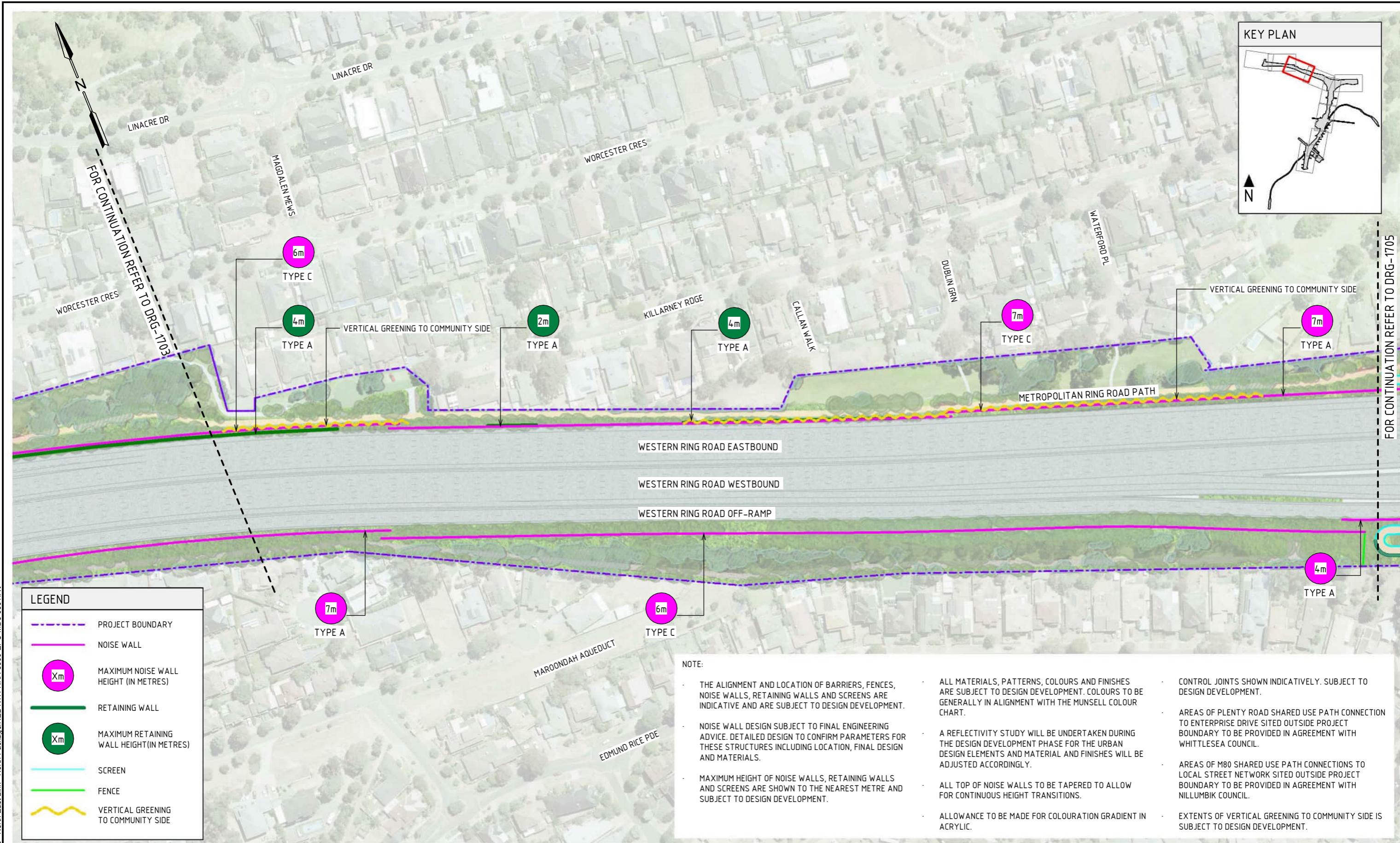
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NORTH EAST LINK PROGRAM
 RING ROAD COMPLETION
 ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
 ROAD INFRASTRUCTURE
 ROAD INFRASTRUCTURE PLANS - ZONE 1B



ROAD INFRASTRUCTURE PLAN - ZONE 1C

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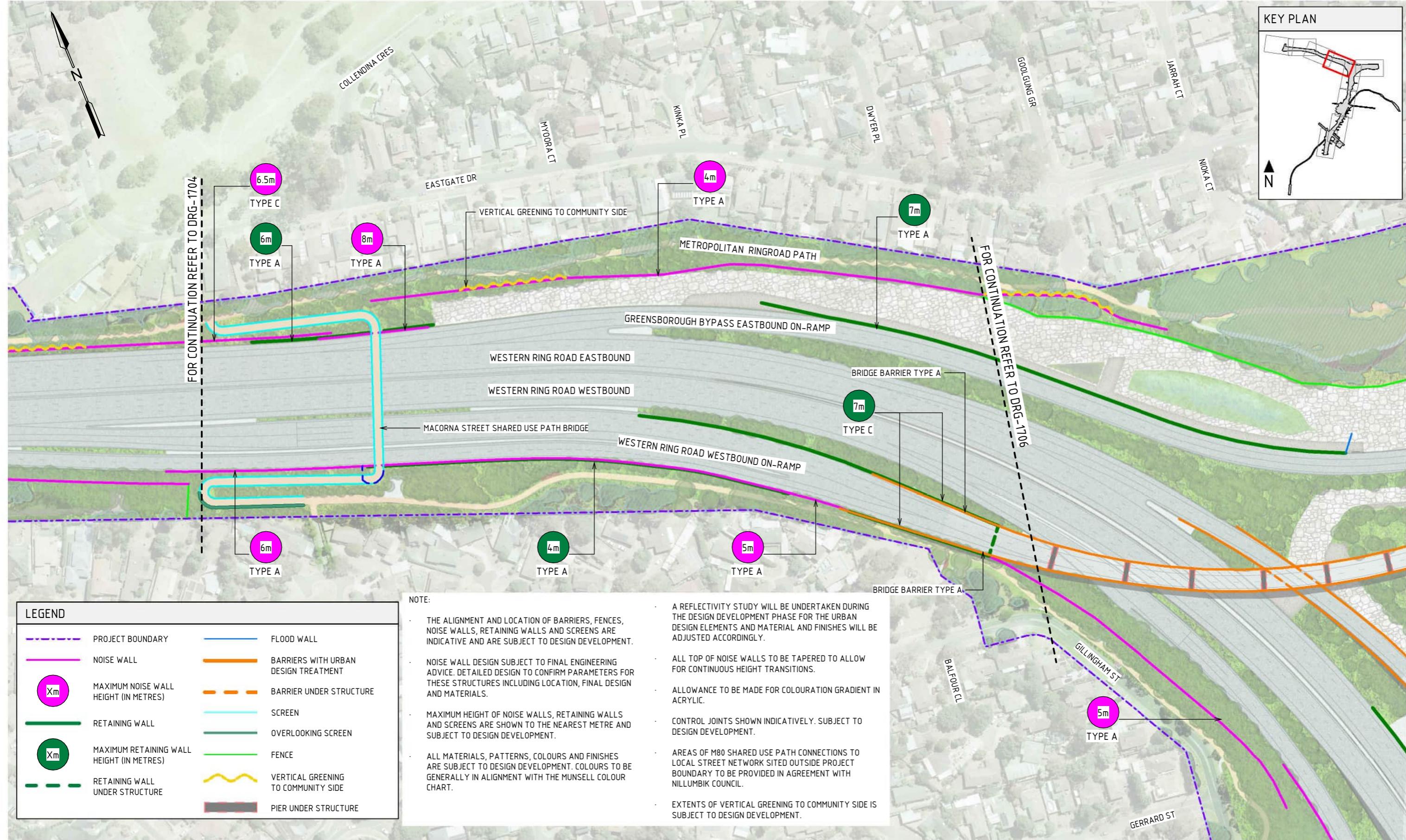
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
ROAD INFRASTRUCTURE PLANS - ZONE 1C



ROAD INFRASTRUCTURE PLAN - ZONE 1D

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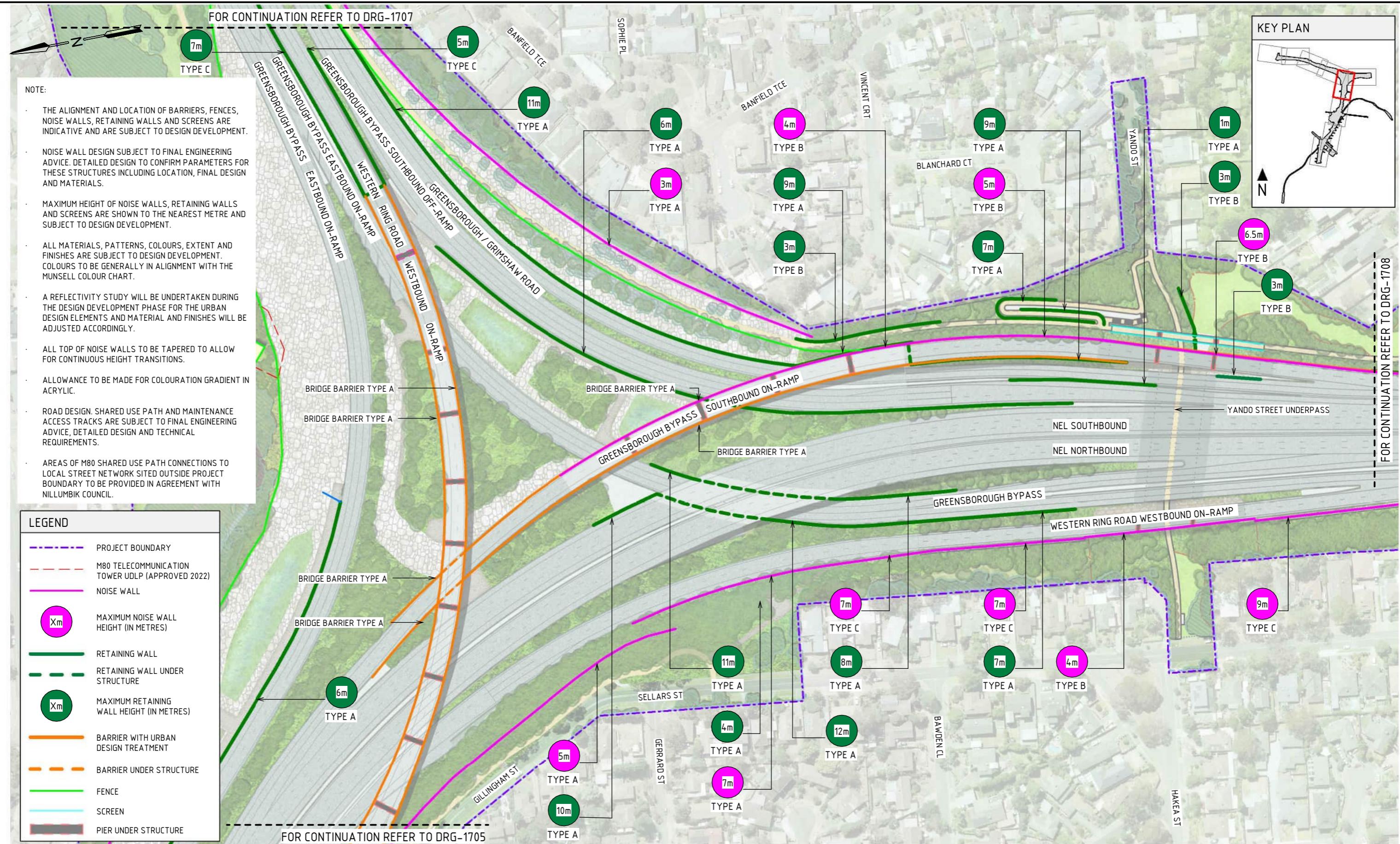
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NORTH EAST LINK PROGRAM
 RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
ROAD INFRASTRUCTURE PLANS - ZONE 1D



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PROJECT CONTRACT:
NORTHNELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1705SUIT. CODE
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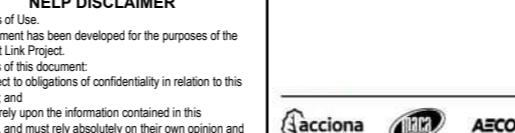
ROAD INFRASTRUCTURE PLAN - ZONE 2A
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
ROAD INFRASTRUCTURE PLANS - ZONE 2A

DOT No.:
PROJECT CONTRACT: NORTH
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7 UDLP AMENDMENT FINAL SUBMISSION 05/11/25 DRAFTING 05/09/25 NAME E. CASTILLO DATE 05/11/25

6 UDLP AMENDMENT REVIEW 05/09/25 CHECKED BY E. CASTILLO DATE 05/11/25

5 UDLP FINAL SUBMISSION 21/08/24 DESIGNER M. SPYROPOULOS DATE 05/11/25

4 UDLP FINAL SUBMISSION IEA 02/08/24 ENGINEERING CHECKED BY M. FERNANDO DATE 05/11/25

3 UDLP REVISION 1 29/01/24 VERIFIED BY L. ANDERSON DATE 05/11/25

2 UDLP IEA REVIEW 21/12/23 APPROVED BY Z. CVITKOVIC DATE 05/11/25

1 PUBLIC EXHIBITION 25/09/23

REV. DESCRIPTION DATE APPROVALS DRAWN: AECOM SIZE: A3 SCALE: 1:2000

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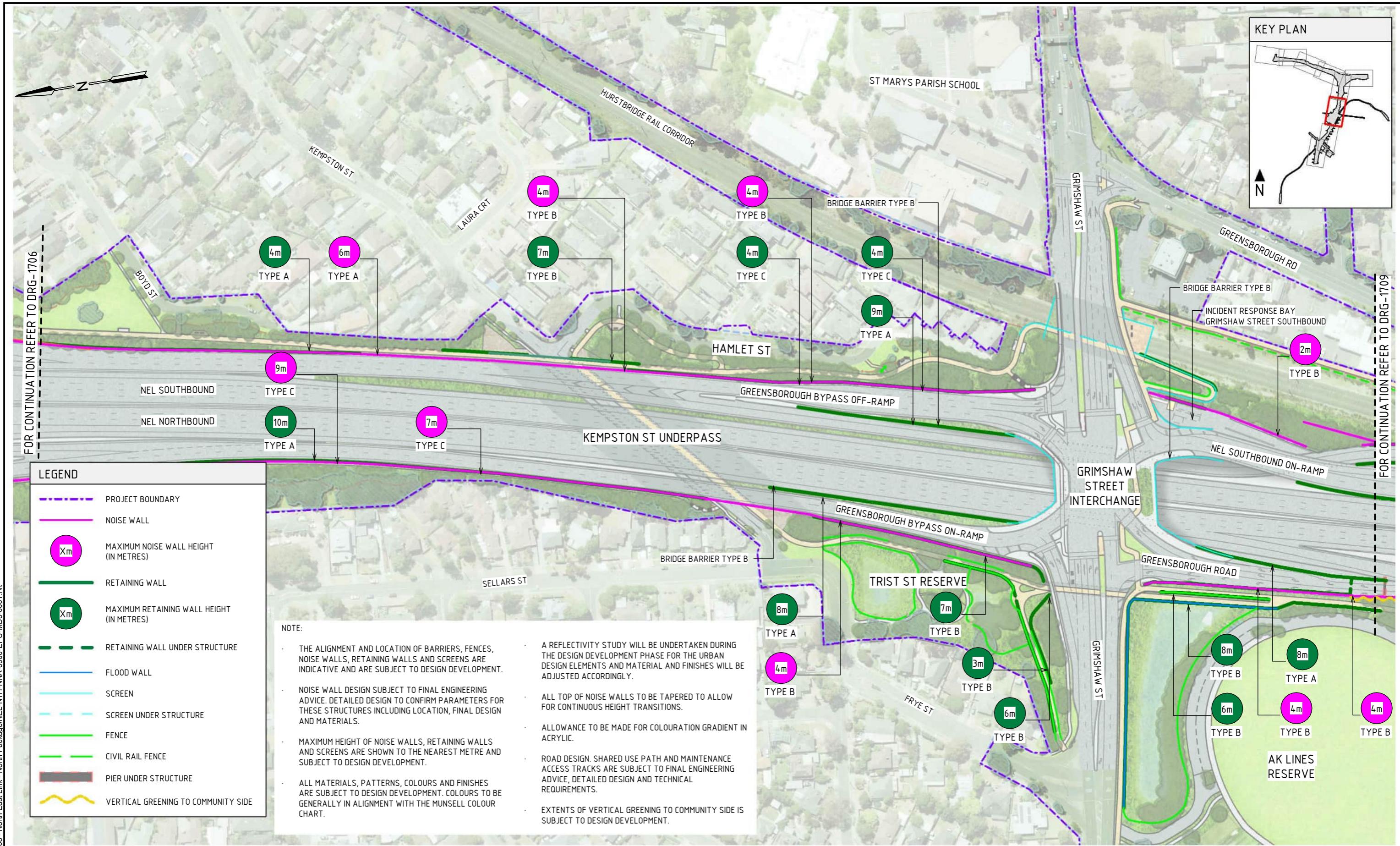
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
ROAD INFRASTRUCTURE PLANS - ZONE 2B

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PROJECT CONTRACT: NORTH
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ROAD INFRASTRUCTURE PLAN - ZONE 3A

SCALE 1:2000

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24			
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
3	UDLP REVIEW 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV. DESCRIPTION DATE APPROVALS DRAWN: AECOM SIZE: A3 SCALE: 1:2000 CAD FILE: NEL-NTH-NNA 3900-EPU-MD3-0001.vt

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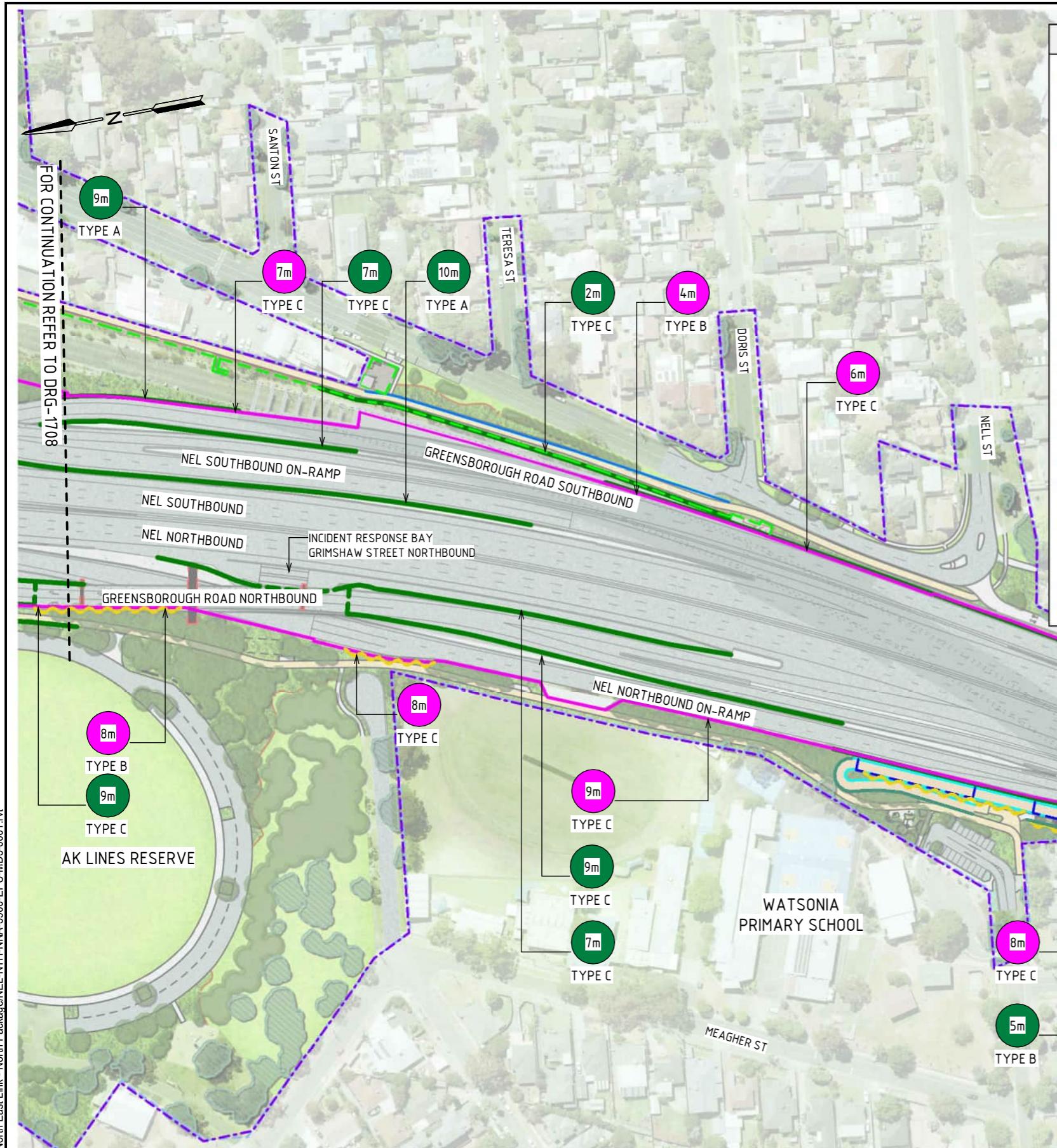
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PROJECT CONTRACT: NORTH

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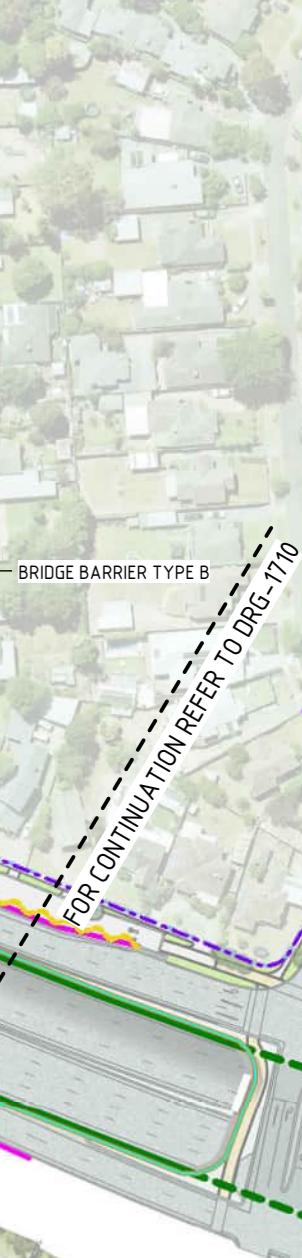
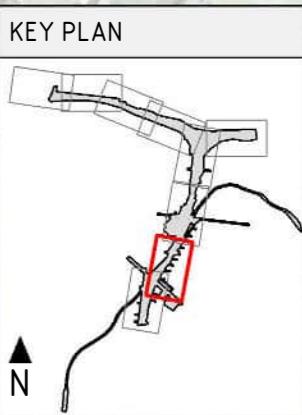
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
ROAD INFRASTRUCTURE PLANS - ZONE 3A



LEGEND	
	PROJECT BOUNDARY
	WATSONIA STATION TELECOMMUNICATION TOWER UDL (APPROVED 2021)
	NOISE WALL
	RETAINING WALL
	MAXIMUM NOISE WALL HEIGHT (IN METRES)
	MAXIMUM RETAINING WALL HEIGHT (IN METRES)
	RETAINING WALL UNDER STRUCTURE
	BARRIER WITH URBAN DESIGN TREATMENT
	FLOOD WALL
	SCREEN
	SCREEN UNDER STRUCTURE
	OVERLOOKING SCREEN
	CIVIL RAIL FENCE
	VERTICAL GREENING TO COMMUNITY SIDE
	AREA NOT PART OF UDL (SUBJECT TO FUTURE APPROVALS PROCESS)
	PIER UNDER STRUCTURE

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- NOISE WALL DESIGN SUBJECT TO FINAL ENGINEERING ADVICE. DETAILED DESIGN TO CONFIRM PARAMETERS FOR THESE STRUCTURES INCLUDING LOCATION, FINAL DESIGN AND MATERIALS.
- MAXIMUM HEIGHT OF NOISE WALLS, RETAINING WALLS AND SCREENS ARE SHOWN TO THE NEAREST METRE AND SUBJECT TO DESIGN DEVELOPMENT.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENT AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALL TOP OF NOISE WALLS TO BE TAPERED TO ALLOW FOR CONTINUOUS HEIGHT TRANSITIONS.
- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.
- EXTENTS OF VERTICAL GREENING TO COMMUNITY SIDE IS SUBJECT TO DESIGN DEVELOPMENT.



ROAD INFRASTRUCTURE PLAN - ZONE 3B

SCALE 1:2000

1:2000 20 0 20 40 60 80 100m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

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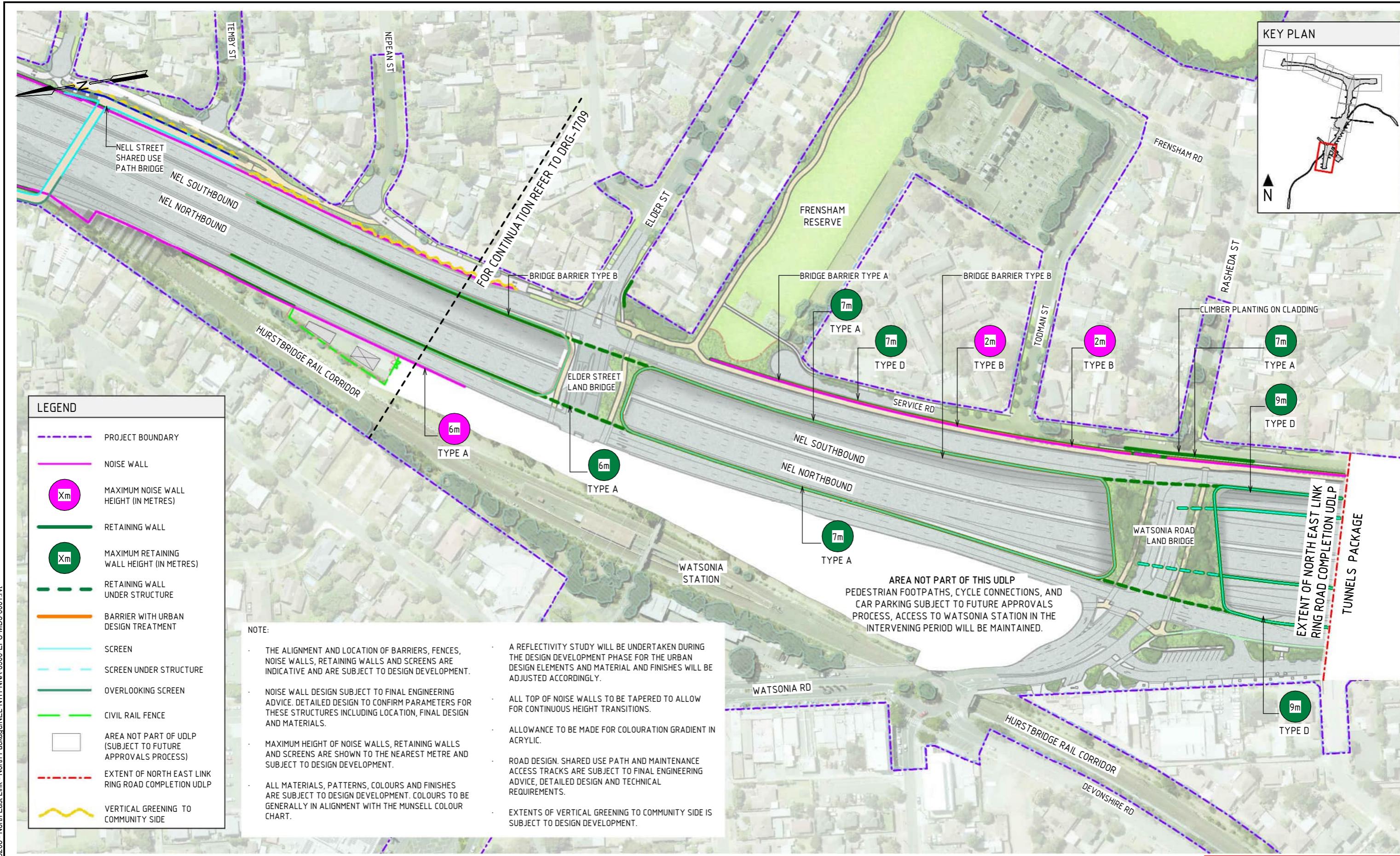
NORTH EAST LINK PROGRAM
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ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
ROAD INFRASTRUCTURE PLANS - ZONE 3B



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PROJECT CONTRACT:
NORTH

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NEL-NTH-NNA-3900-EPU-DRG-1709

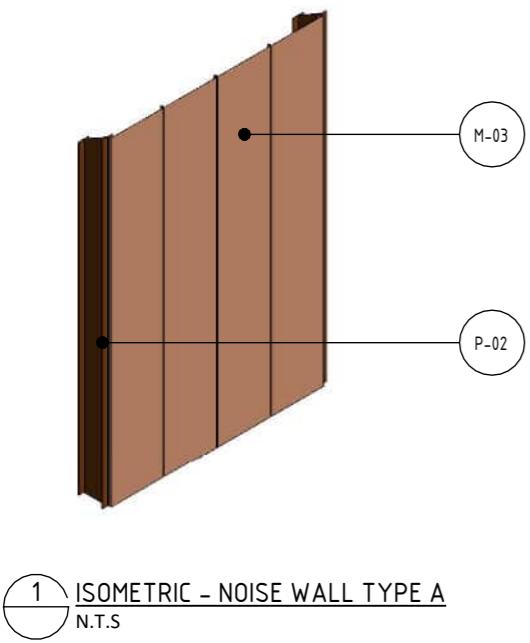


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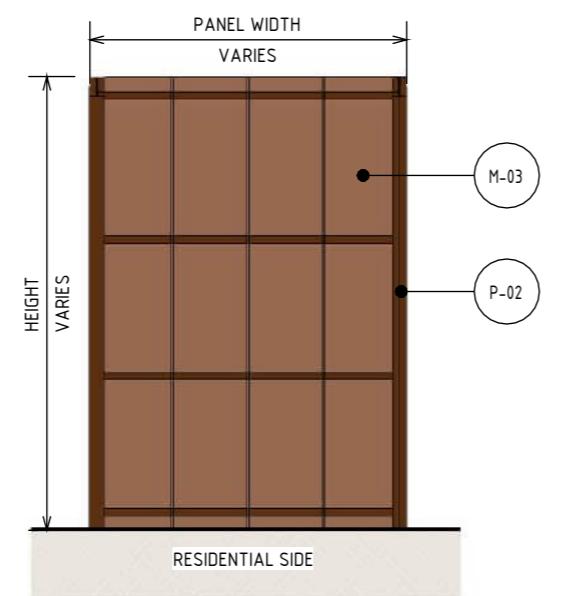
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NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
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ROAD INFRASTRUCTURE
ROAD INFRASTRUCTURE PLANS - ZONE 4

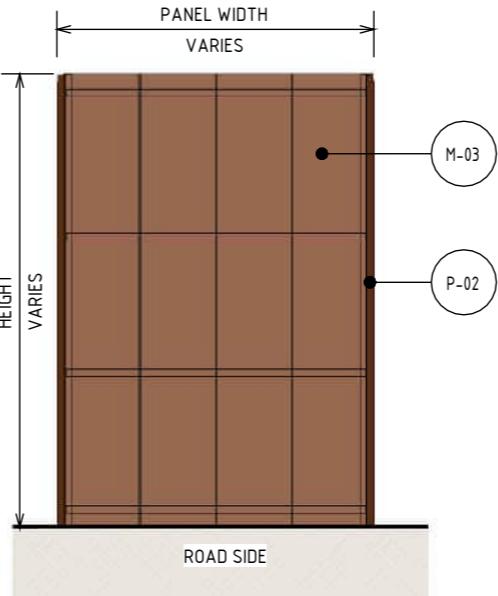
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SUIT. CODE: 7
REVISION: 7



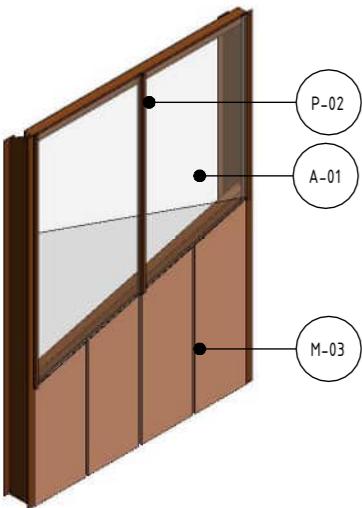
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N.T.S



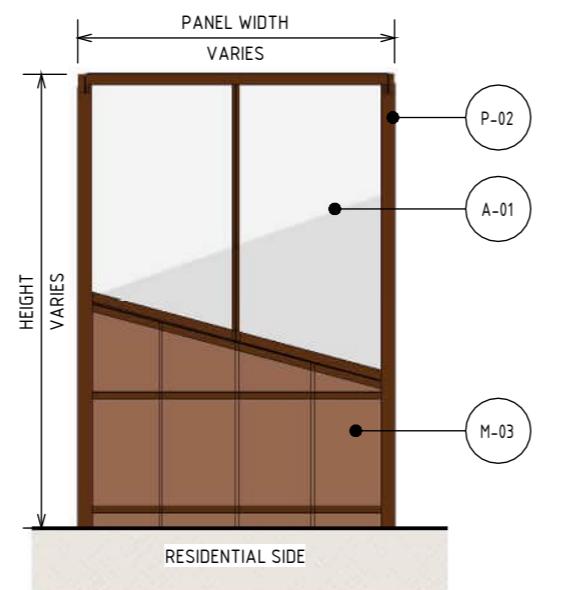
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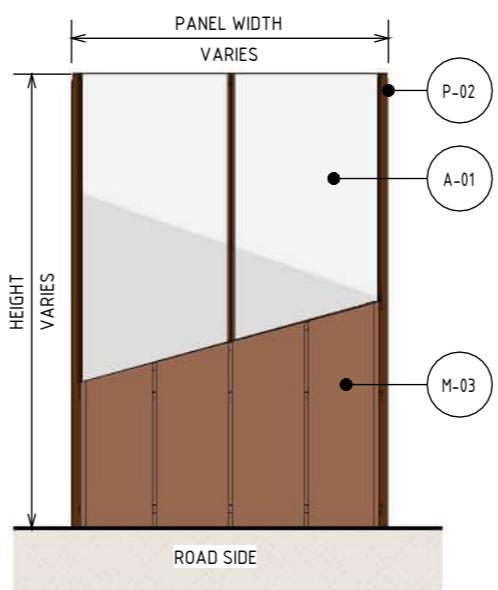
3 ELEVATION 2 - NOISE WALL TYPE A
SCALE : 1:100



4 ISOMETRIC - NOISE WALL TYPE C
N.T.S



5 ELEVATION 2 - NOISE WALLS TYPE C
SCALE : 1:100



6 ELEVATION 1 - NOISE WALLS TYPE C
SCALE : 1:100

MATERIAL LEGEND	
ACRYLIC FINISHES	
A-01	TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHE FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYIMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.
METAL FINISHES	
M-03	WEATHERING STEEL WEATHERING STEEL
PAINT FINISHES	
P-02	PAINT OVER STEEL - TYPE 02 PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.

NOTE:

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- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- CONTROL JOINTS SHOWN INDICATIVELY. SUBJECT TO DESIGN DEVELOPMENT.

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

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PROJECT CONTRACT:

NORTH

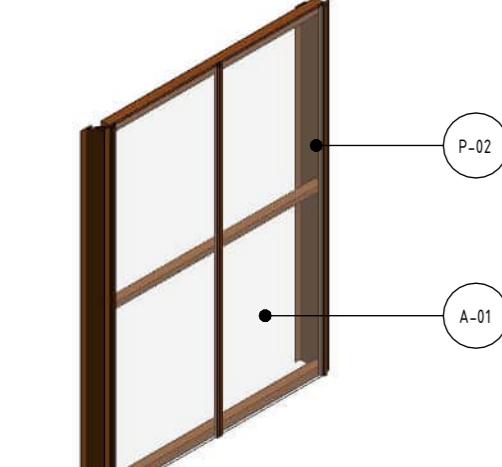
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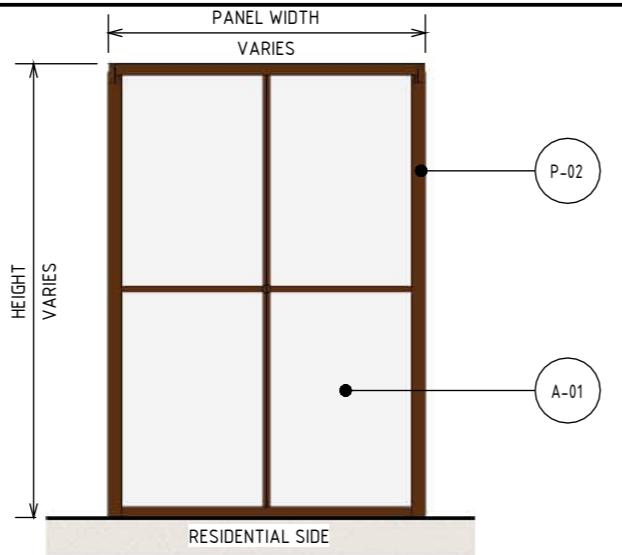
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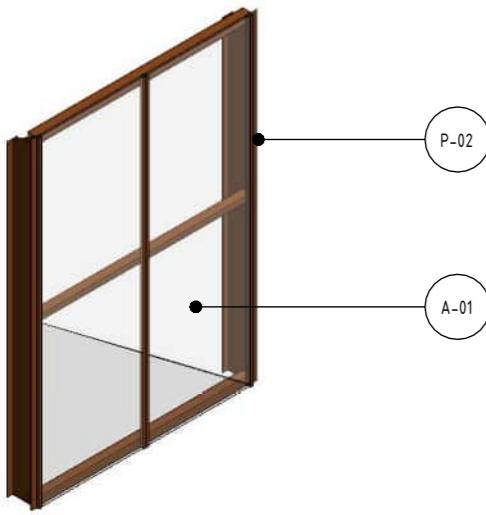
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RING ROAD COMPLETION
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ROAD INFRASTRUCTURE
NOISE WALL TYPES - SHEET 01



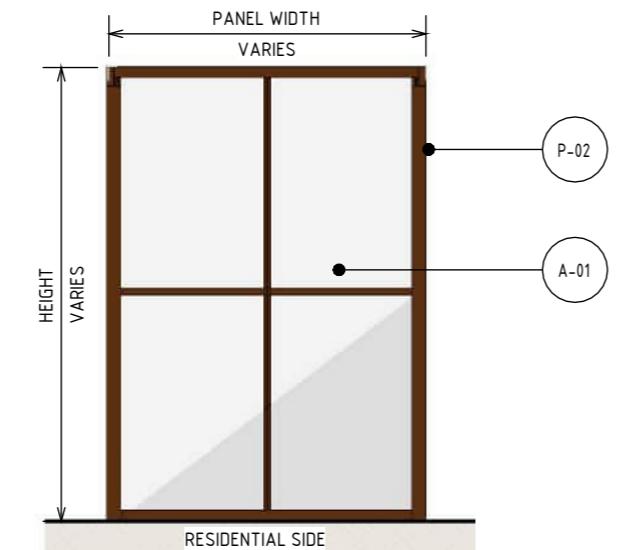
1 ISOMETRIC - NOISE WALL TYPE B1
N.T.S



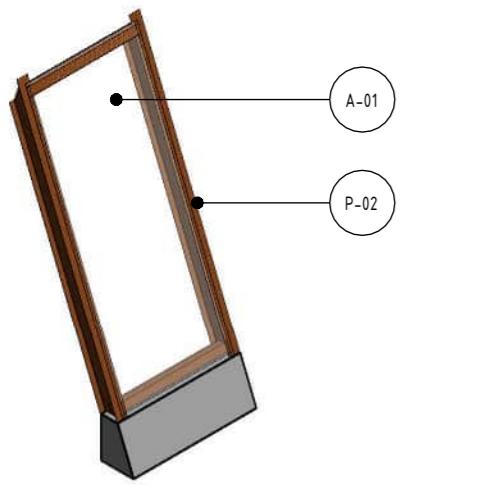
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SCALE : 1: 100



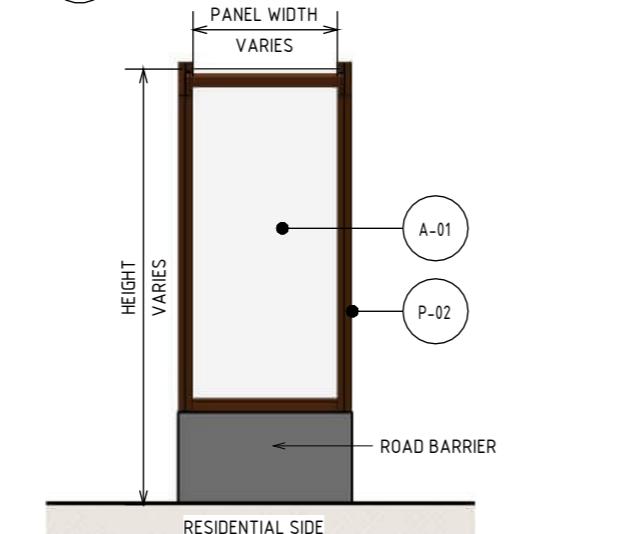
4 ISOMETRIC - NOISE WALL TYPE B2
N.T.S



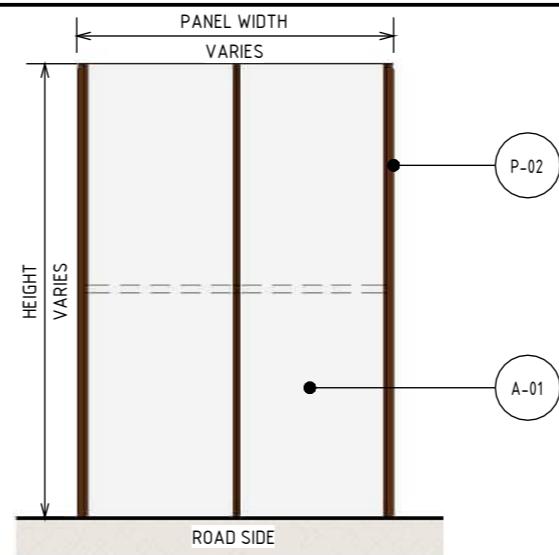
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SCALE : 1: 100



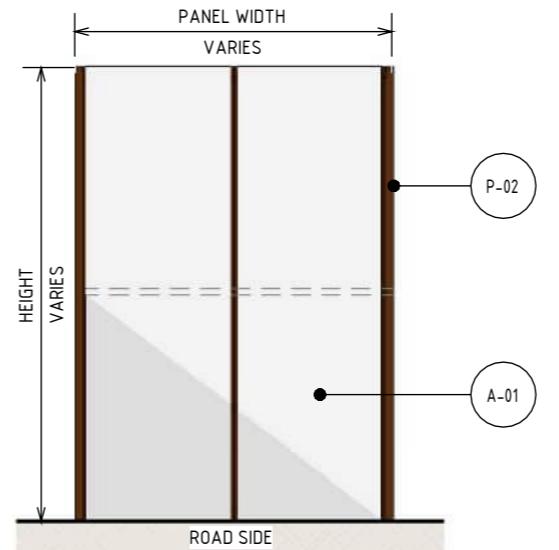
7 ISOMETRIC - NOISE WALL TYPE B3
N.T.S



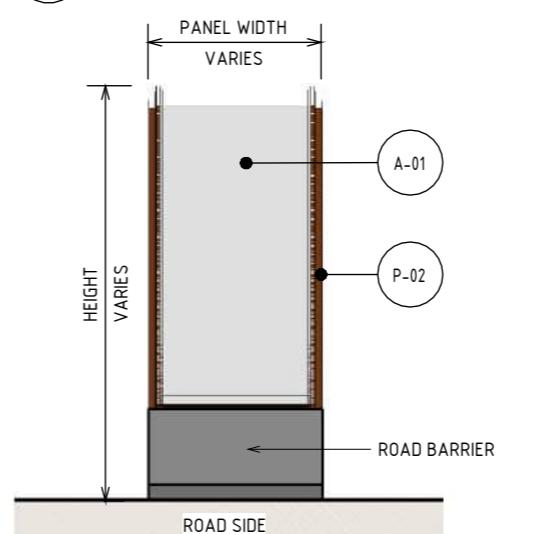
8 ELEVATION 1 - NOISE WALL TYPE B3
SCALE : 1: 100



3 ELEVATION 2 - NOISE WALL TYPE B1
SCALE : 1: 100



6 ELEVATION 2 - NOISE WALL TYPE B2
SCALE : 1: 100



9 ELEVATION 2 - NOISE WALL TYPE B3
SCALE : 1: 100

1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS
1:100 DOT No.:

MATERIAL LEGEND	
ACRYLIC FINISHES	
A-01	TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYIMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.
P-02	PAINT OVER STEEL - TYPE 02 PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.
NOTE:	
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ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.	
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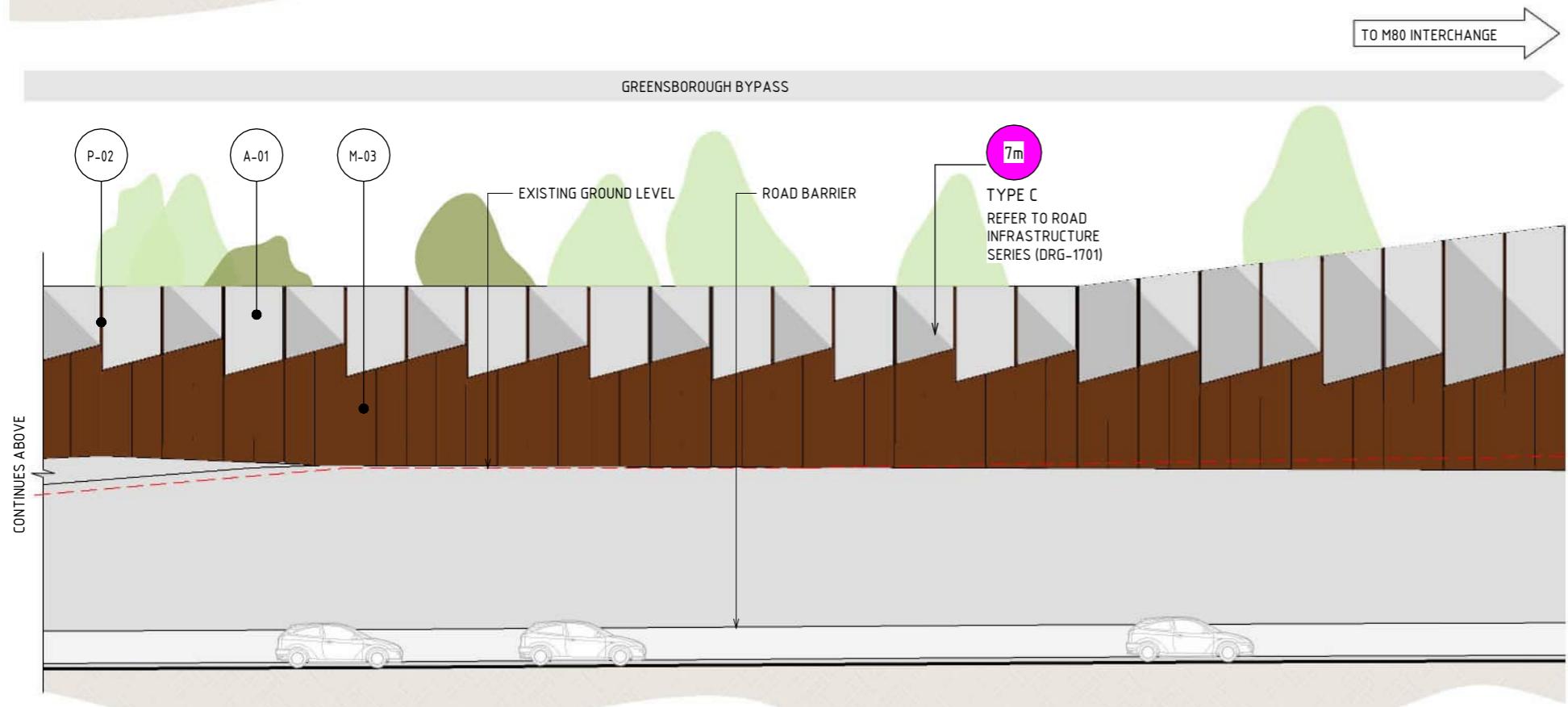
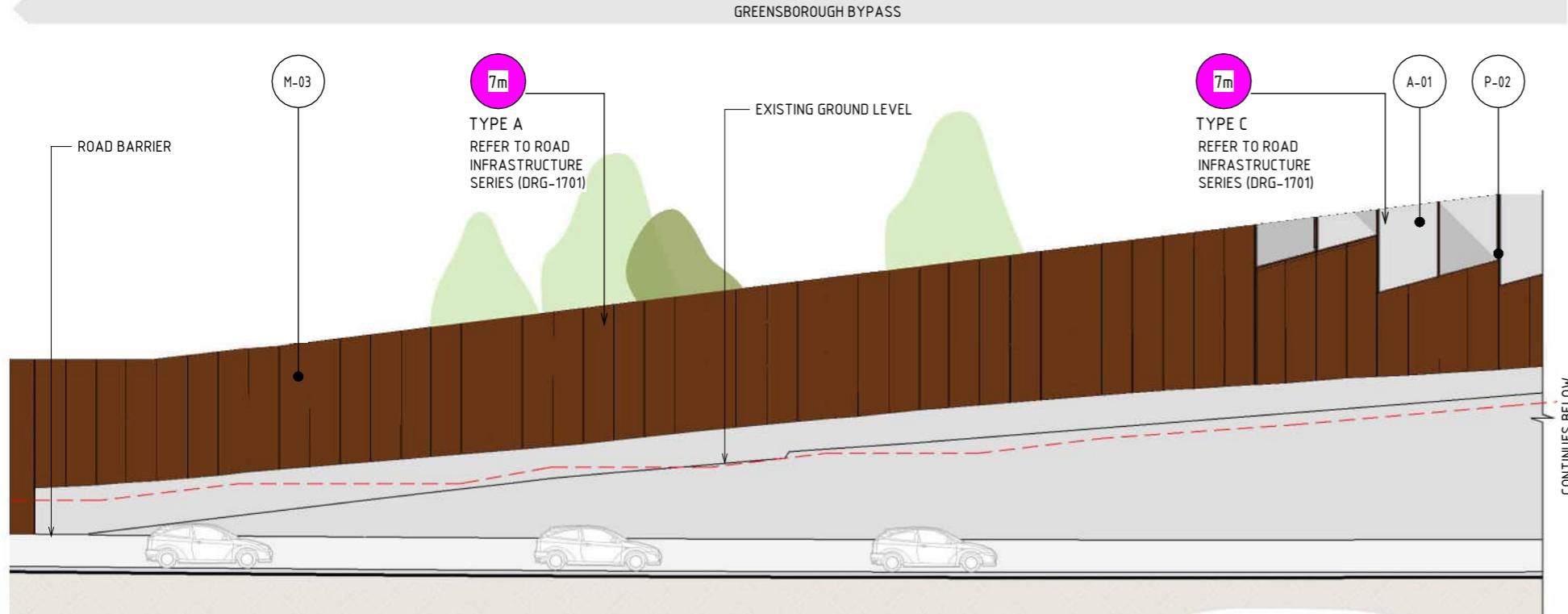
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TO GRIMSHAW INTERCHANGE



1 ELEVATION - TYPICAL NOISE WALL ARRANGEMENT
SCALE : 1:200

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REV.

DESCRIPTION

DATE

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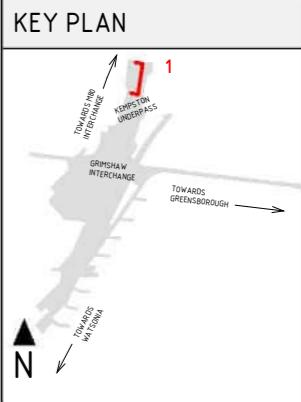


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SUIT. CODE 7



LEGEND

- EXISTING GROUND LEVEL (dashed red line)
- MAXIMUM NOISE WALL HEIGHT (IN METRES) (pink circle with 'xm')

MATERIAL LEGEND

ACRYLIC FINISHES

- A-01 TRANSPARENT TINTED ACRYLIC PANEL
- TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYIMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.



METAL FINISHES

- M-03 WEATHERING STEEL
- WEATHERING STEEL



PAINT FINISHES

- P-02 PAINT OVER STEEL - TYPE 02
- PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



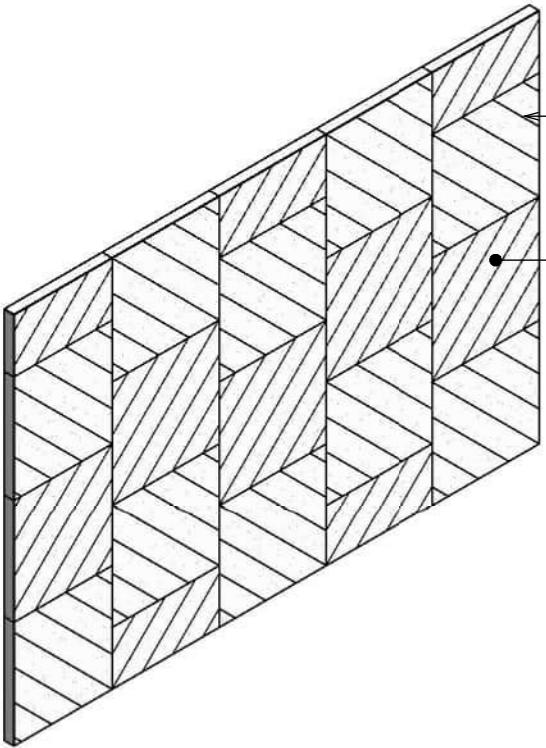
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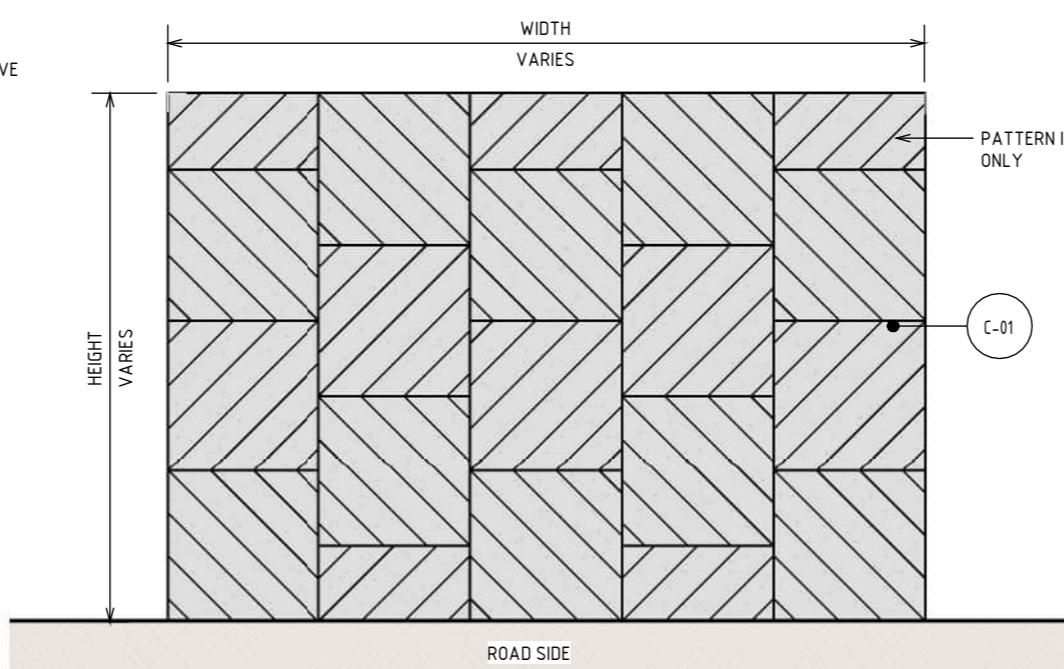
NORTH EAST LINK PROGRAM
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NOISE WALL ELEVATIONS - SHEET 01

CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nft

1 ISOMETRIC - RETAINING WALL TYPE C
N.T.S



2 ELEVATION - RETAINING WALL TYPE C
SCALE : 1: 100



MATERIAL LEGEND	
CONCRETE FINISHES	
C-01	CONCRETE WITH INTEGRAL FINISH
C-02	CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.
C-03	PRECAST CONCRETE (TRENCH)
C-04	PRECAST CONCRETE TEXTURED PANEL WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE WITH OXIDE COLOUR.

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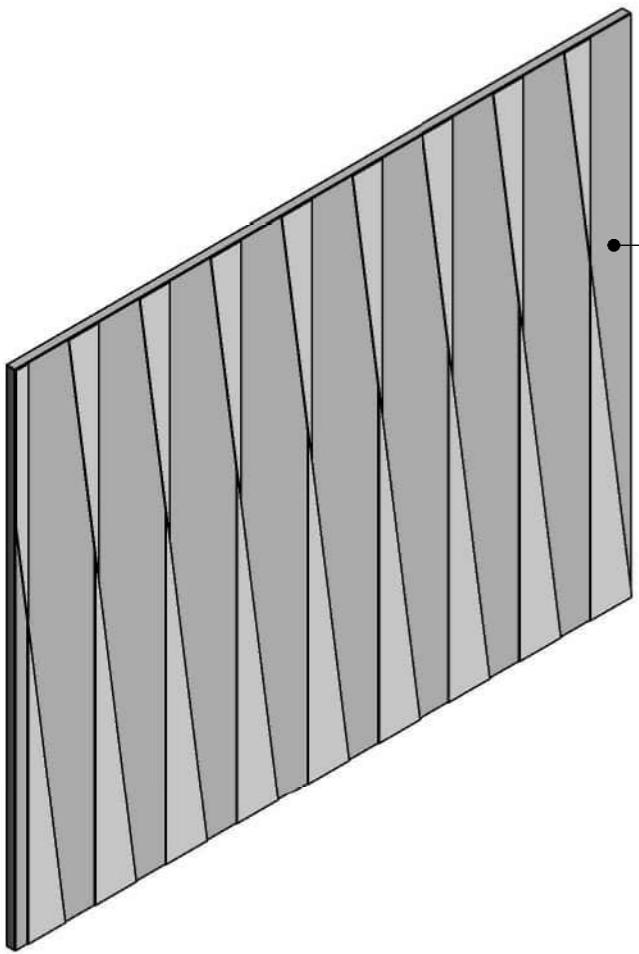
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1:200 2 0 2 4 6 8 10m

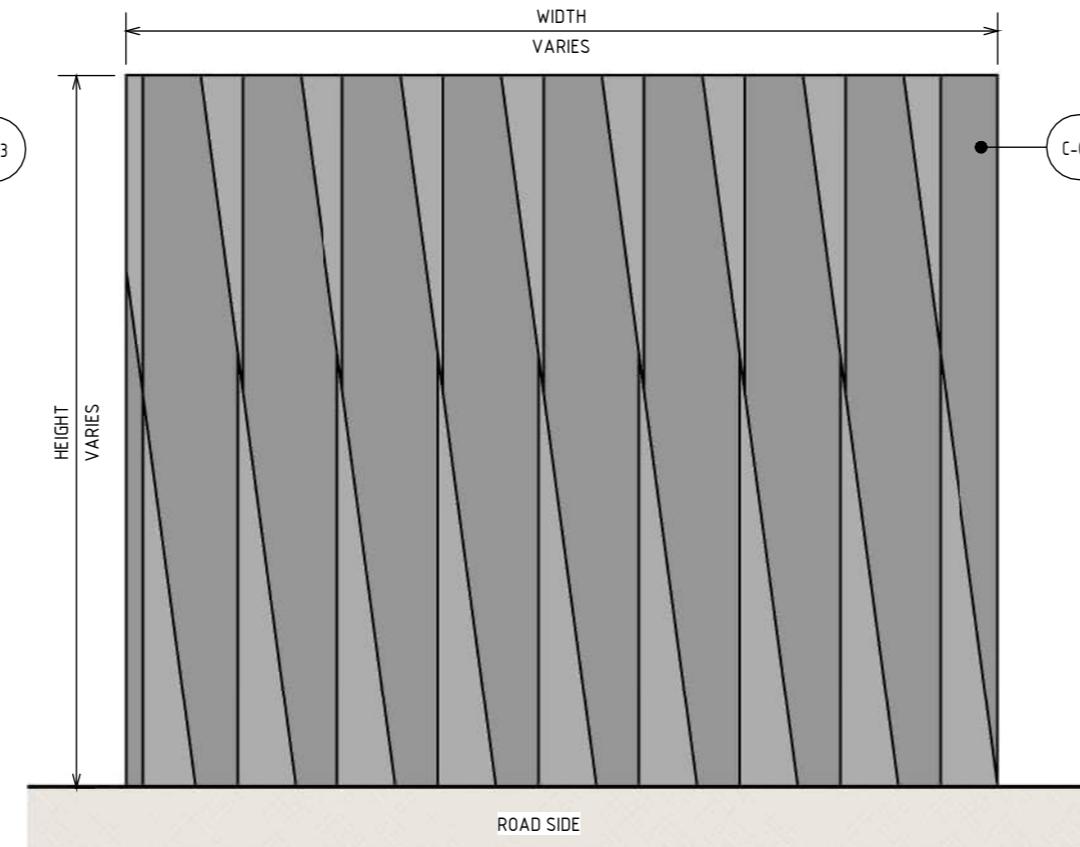
DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

3 ISOMETRIC - RETAINING WALL TYPE D
N.T.S



4 ELEVATION - RETAINING WALL TYPE D
SCALE : 1: 200



7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24			
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
3	UDLP REVISION 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: AS SHOWN	Security Classification: OFFICIAL: Sensitive	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1722	SUIT. CODE	REVISION
	REVISIONS										7

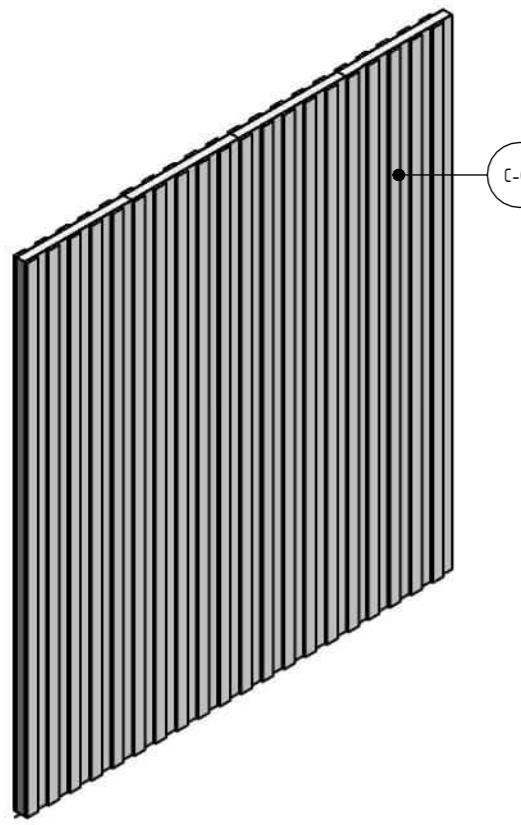


NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
RETAINING WALL TYPES - SHEET 02

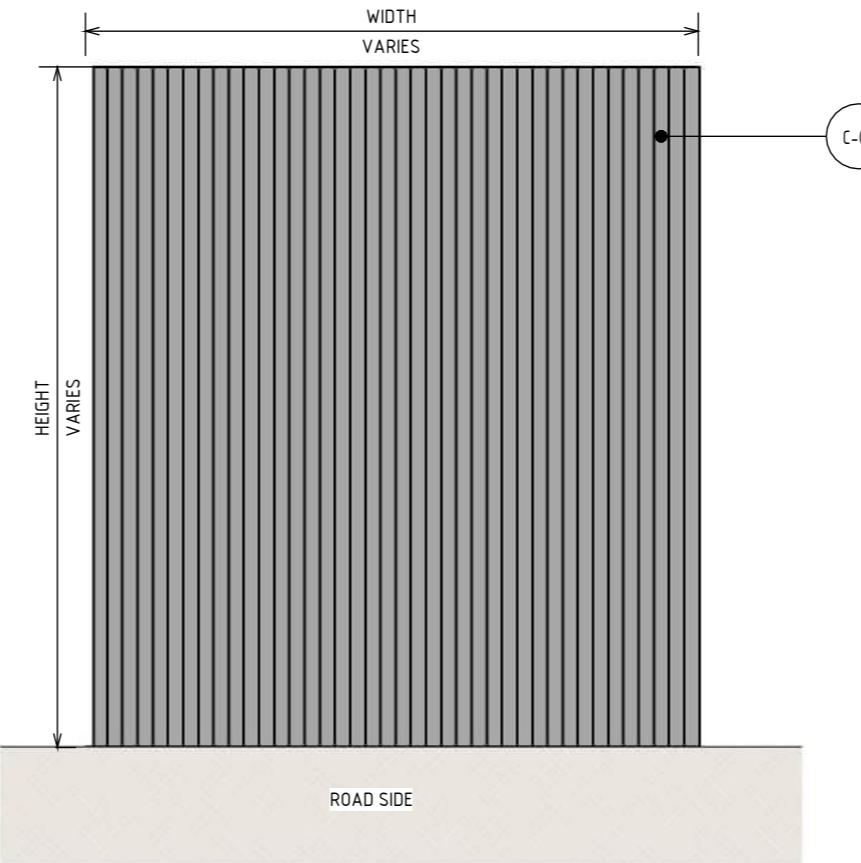
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PROJECT CONTRACT:
NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1722



1 ISOMETRIC - FLOOD WALL TYPE A
N.T.S



2 ELEVATION - FLOOD WALL TYPE A
SCALE : 1:100

MATERIAL LEGEND	
CONCRETE FINISHES	
C-01	CONCRETE WITH INTEGRAL FINISH
C-01	CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL, FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.

NOTE:

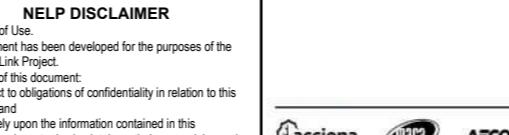
- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- FLOOD WALL DESIGN SUBJECT TO FINAL ENGINEERING ADVICE. DETAILED DESIGN TO CONFIRM PARAMETERS FOR THESE STRUCTURES INCLUDING LOCATION, FINAL DESIGN AND MATERIALS.
- MAXIMUM HEIGHT OF NOISE WALLS, RETAINING WALLS AND SCREENS ARE SHOWN AND SUBJECT TO DESIGN DEVELOPMENT.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENT AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALL TOP OF FLOOD WALLS TO BE TAPERED TO ALLOW FOR CONTINUOUS HEIGHT TRANSITIONS.
- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING	M. FERNANDO	05/11/25
3	UDLP REVISION 1	29/01/24	CHECKED BY	L. ANDERSON	05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	Z. CVITKOVIC	05/11/25
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY		05/11/25

REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: AS SHOWN	CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nvt	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1731	SUIT. CODE	REVISION
	REVISIONS										7



Security Classification: OFFICIAL: Sensitive

PROJECT CONTRACT:

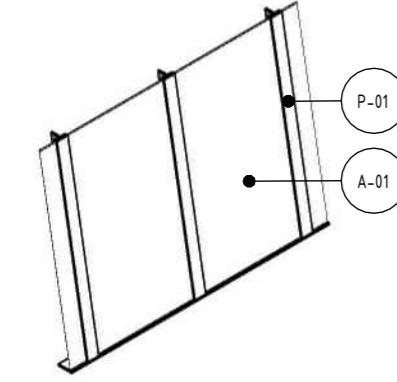
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NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1731

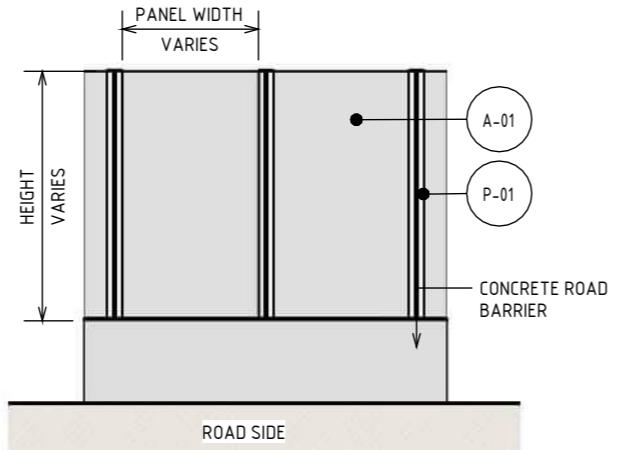
SUIT. CODE

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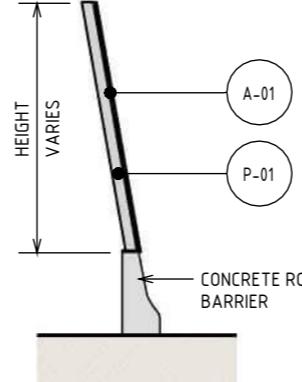
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N.T.S



2 ELEVATION - 'ANTI'-THROW SCREEN TYPE A
SCALE : 1:100



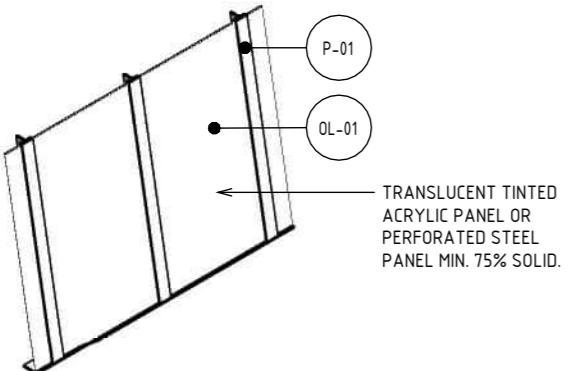
3 SECTION - 'ANTI'-THROW SCREEN TYPE A
SCALE : 1:100



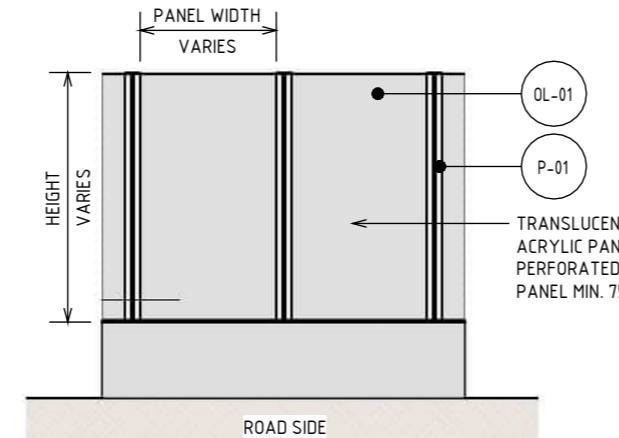
NOTE:

- OVERLOOKING SCREEN TYPE MATERIALS AND EXTENT OF APPLICATION ARE TO BE FINALISED IN DETAILED DESIGN IN CONSULTATION WITH DIRECTLY IMPACTED PROPERTIES TO ACHIEVE COMPLIANCE WITH THE REQUIREMENTS OF EPR LP4.
- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- SCREEN DESIGN SUBJECT TO FINAL ENGINEERING ADVICE. DETAILED DESIGN TO CONFIRM PARAMETERS FOR THESE STRUCTURES INCLUDING LOCATION, FINAL DESIGN AND MATERIALS.
- MAXIMUM HEIGHT OF NOISE WALLS, RETAINING WALLS AND SCREENS ARE SHOWN AND SUBJECT TO DESIGN DEVELOPMENT.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENT AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALL TOP OF SCREENS TO BE TAPERED TO ALLOW FOR CONTINUOUS HEIGHT TRANSITIONS.
- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

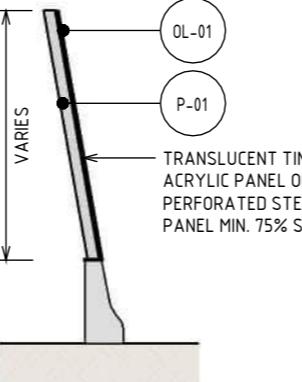
4 ISOMETRIC - 'ANTI'-THROW SCREEN TYPE B
N.T.S



5 ELEVATION - 'ANTI'-THROW SCREEN TYPE B
SCALE : 1:100



6 SECTION - 'ANTI'-THROW SCREEN TYPE B
SCALE : 1:100



7 ISOMETRIC - OVERLOOKING SCREEN TYPE C
N.T.S

8 ELEVATION - OVERLOOKING SCREEN TYPE C
SCALE : 1:100

9 SECTION - OVERLOOKING SCREEN TYPE C
SCALE : 1:100

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
SCREEN TYPES - SHEET 01

SUIT. CODE REVISION

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24		M. SPYROPOULOS	05/11/25
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
3	UDLP REVIEW 1	29/01/24		L. ANDERSON	05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY		05/11/25
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV.

DESCRIPTION

DATE

APPROVALS

DRAWN: AECOM

SIZE: A3

SCALE: AS SHOWN

CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.rvt

PROJECT CONTRACT: NORTH

NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1741

SUIT. CODE

REVISION

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PROJECT CONTRACT:

NORTH

NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1741

SUIT. CODE

REVISION

MATERIAL LEGEND

ACRYLIC FINISHES

TRANSPARENT TINTED ACRYLIC PANEL
TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYIMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.

TRANSLUCENT TINTED ACRYLIC OR PERFORATED STEEL PANEL



TRANSLUCENT TINTED ACRYLIC PANEL, INTEGRATED POLYIMIDE OR PERFORATED STAINLESS STEEL PANEL TO CUSTOM MANUFACTURED SHAPES.



PAINT FINISHES



PAINT OVER STEEL - TYPE 01

PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.

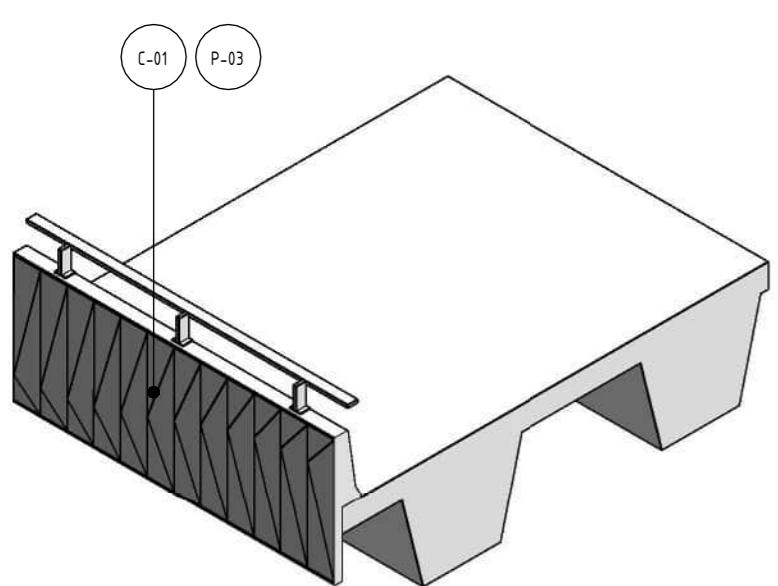


MESH FINISHES

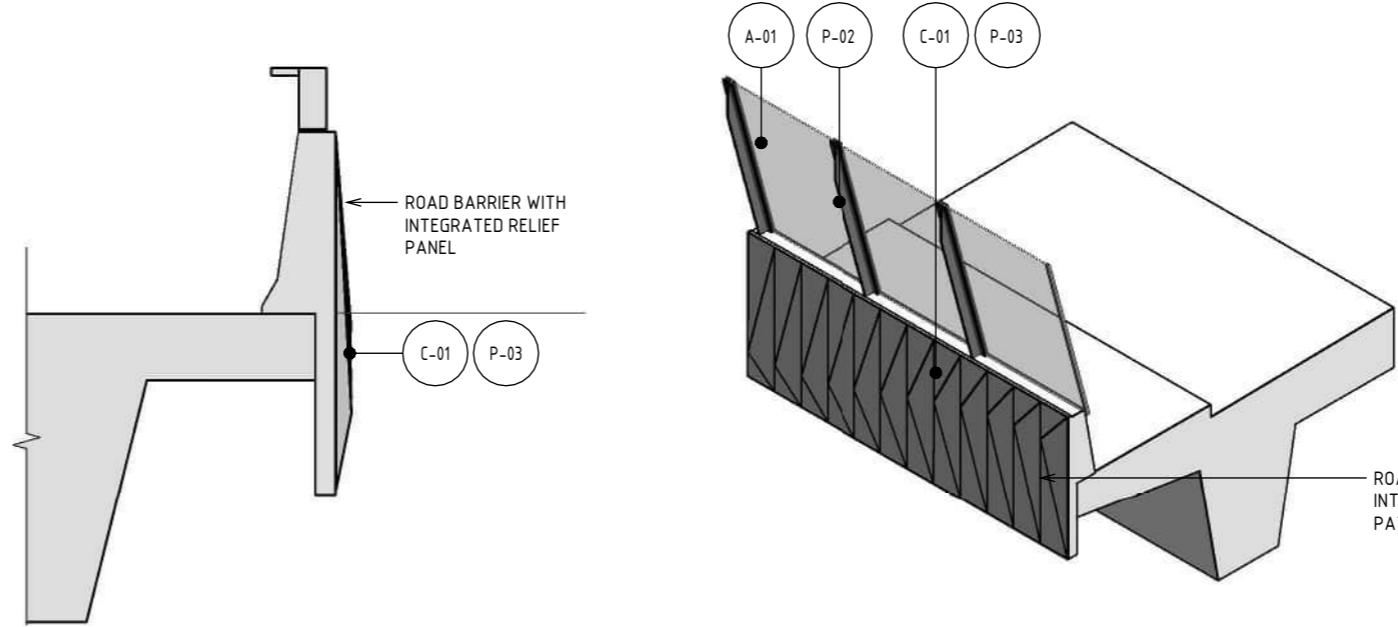


WIRE MESH PROTECTION SCREEN

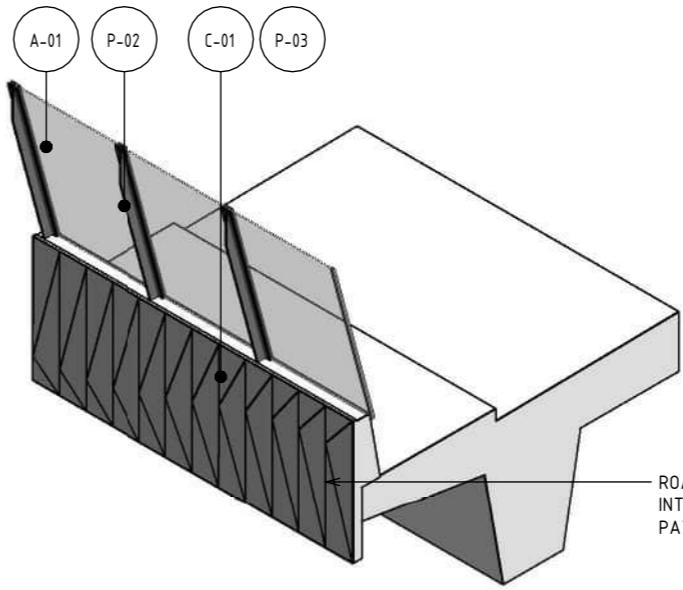
WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.



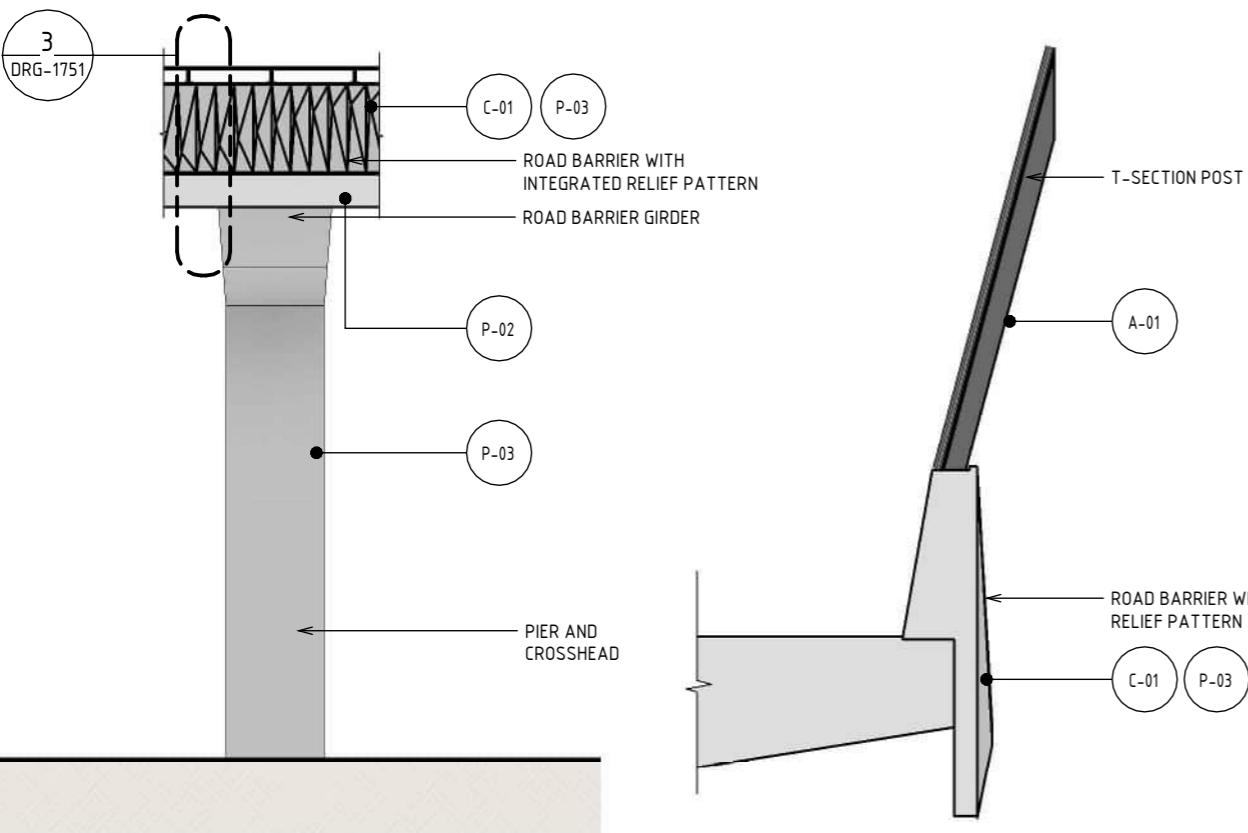
1 ISOMETRIC - BRIDGE EDGE BARRIER TYPE A
N.T.S.



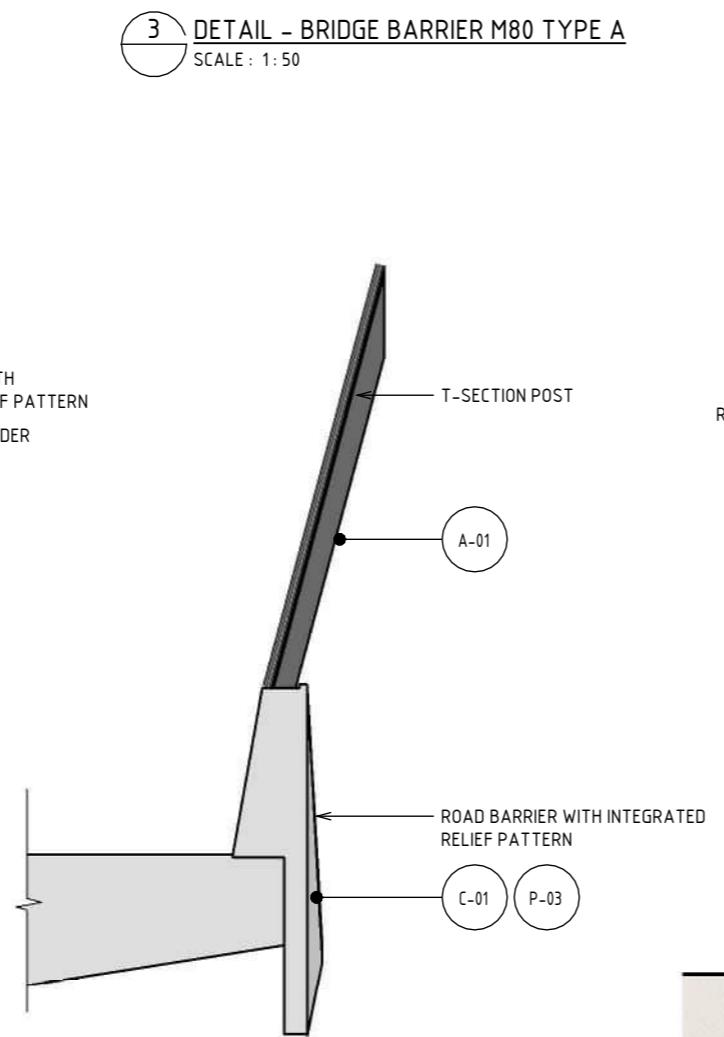
3 DETAIL - BRIDGE BARRIER M80 TYPE A
SCALE : 1: 50



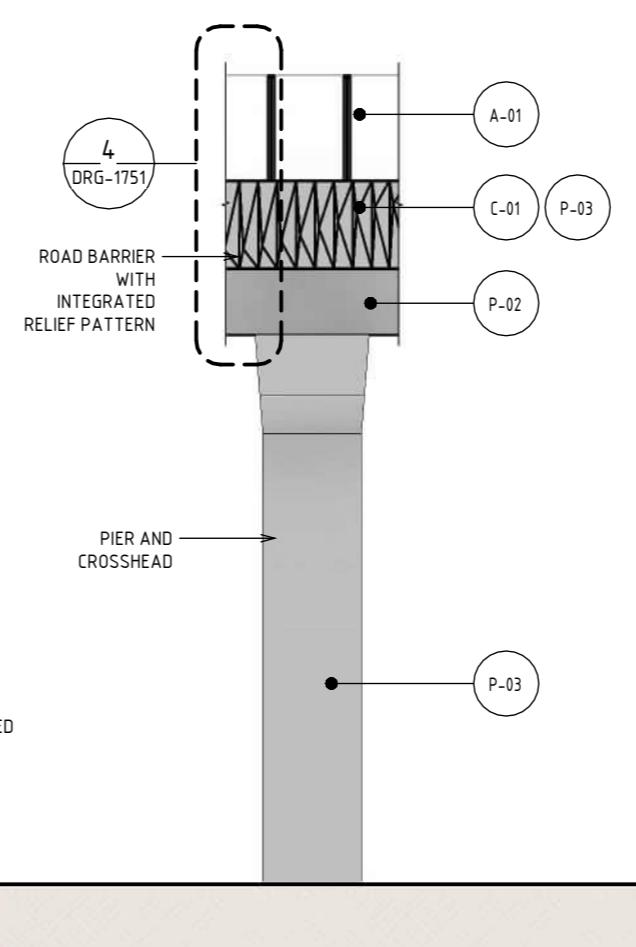
5 ISOMETRIC - BRIDGE EDGE BARRIER TYPE A2
N.T.S.



2 ELEVATION - BRIDGE BARRIER M80 TYPE A
SCALE : 1: 200



4 DETAIL - BRIDGE BARRIER M80 TYPE A2
SCALE : 1: 50



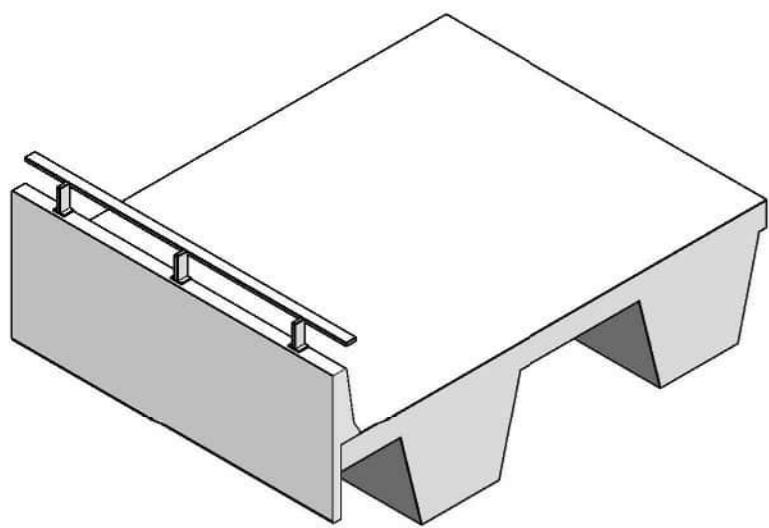
6 ELEVATION - BRIDGE BARRIER M80 TYPE A2
SCALE : 1: 200



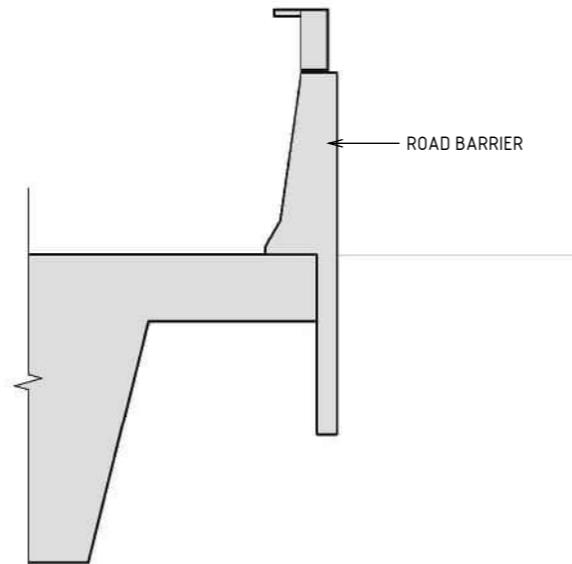
MATERIAL LEGEND	
<u>ACRYLIC FINISHES</u>	
A-01	TRANSPARENT TINTED ACRYLIC PANEL TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHED FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYIMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.
<u>CONCRETE FINISHES</u>	
C-01	CONCRETE WITH INTEGRAL FINISH CONCRETE WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE.
<u>PAINT FINISHES</u>	
P-02	PAINT OVER STEEL - TYPE 02 PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.
P-03	PAINT OVER CONCRETE - TYPE 01 PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25		NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
3	UDLP REVIEW 1	29/01/24	VERIFIED BY	L. ANDERSON	05/11/25
2	UDLP IEA REVIEW	21/12/23	APPROVED BY	Z. CVITKOVIC	05/11/25
1	PUBLIC EXHIBITION	25/09/23			

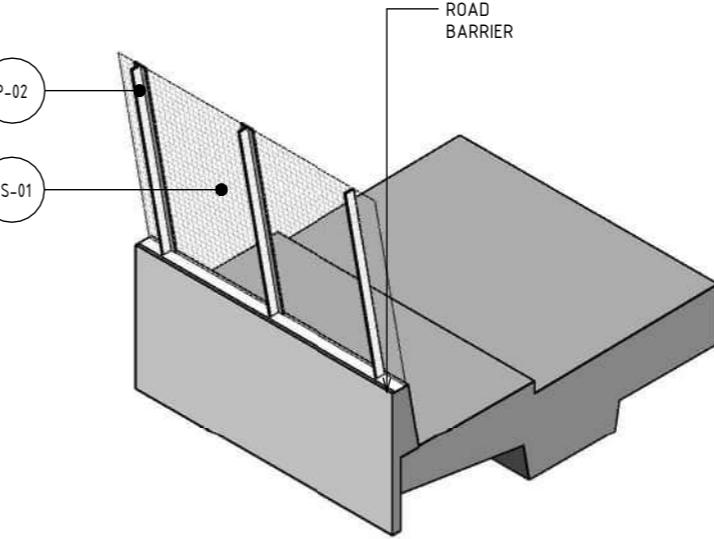
REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: AS SHOWN	Security Classification: OFFICIAL: Sensitive	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1751	SUIT. CODE	REVISION
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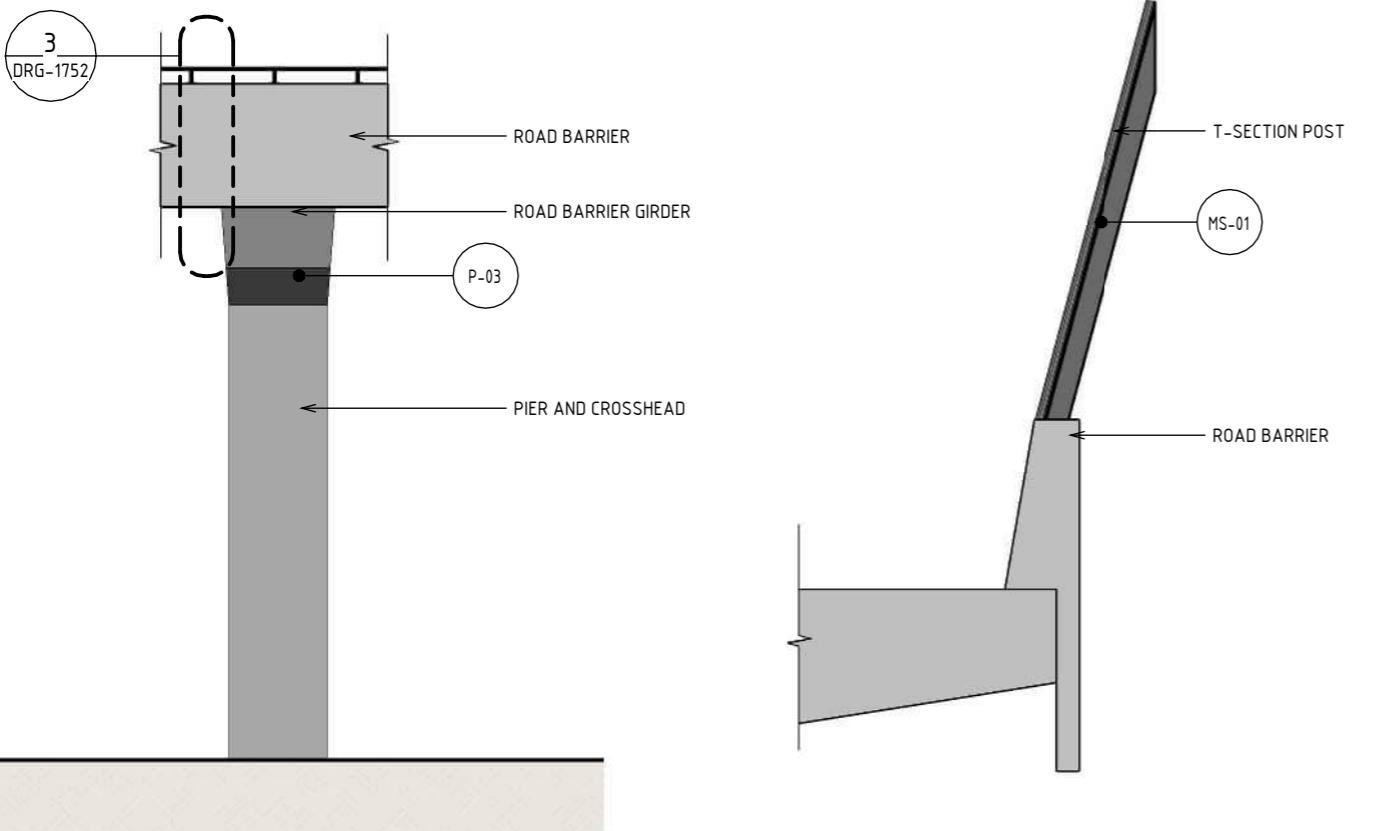
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N.T.S.



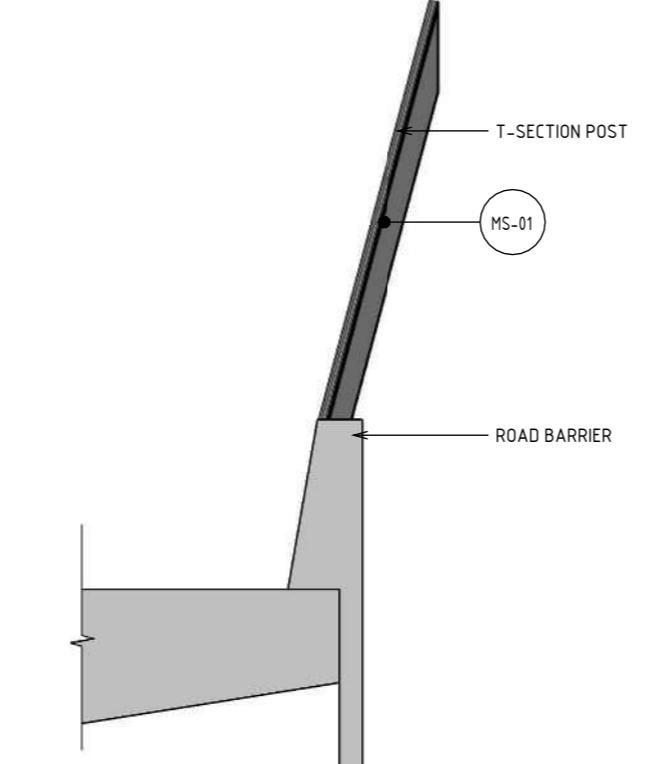
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SCALE : 1: 50



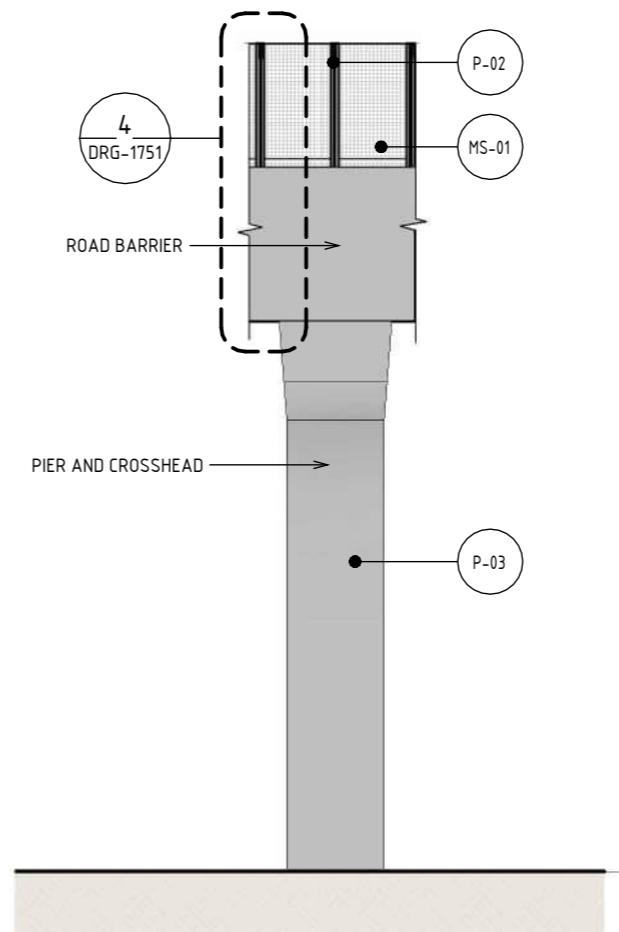
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N.T.S.



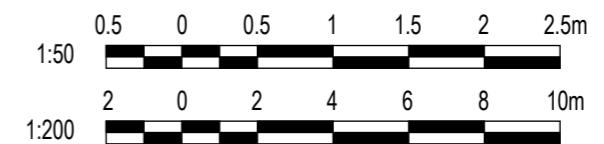
2 ELEVATION - BRIDGE BARRIER M80 TYPE B
SCALE : 1: 200



4 DETAIL - BRIDGE BARRIER M80 TYPE B2
SCALE : 1: 50



6 ELEVATION - BRIDGE BARRIER M80 TYPE B2
SCALE : 1: 200



DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

MATERIAL LEGEND

MESH FINISHES

MS-01 WIRE MESH PROTECTION SCREEN
WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.

PAINT FINISHES

P-02 PAINT OVER STEEL - TYPE 02
PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



PAINT OVER CONCRETE - TYPE 01

P-03 PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODESIGN INPUT.



NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- ROAD BARRIER DESIGN SUBJECT TO FINAL ENGINEERING ADVICE. DETAILED DESIGN TO CONFIRM PARAMETERS FOR THESE STRUCTURES INCLUDING LOCATION, FINAL DESIGN AND MATERIALS.
- MAXIMUM HEIGHT OF NOISE WALLS, RETAINING WALLS AND SCREENS ARE SHOWN AND SUBJECT TO DESIGN DEVELOPMENT.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENT AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALL TOP OF NOISE WALLS TO BE TAPERED TO ALLOW FOR CONTINUOUS HEIGHT TRANSITIONS.
- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
BRIDGE BARRIER TYPES - SHEET 02

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REV.	DESCRIPTION	DATE	APPROVED BY	NAME	DATE	NELP DISCLAIMER
7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25	Conditions of Use. This Document has been developed for the purposes of the North East Link Project. Recipients of this document: - are subject to obligations of confidentiality in relation to this document; and - may not rely upon the information contained in this document, and must rely absolutely on their own opinion and professional advice.
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5	UDLP FINAL SUBMISSION	21/08/24				
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25	
3	UDLP REVISION 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25	
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25	
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25	

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Note: * Indicates signed documents as drawings will not have wet signatures.



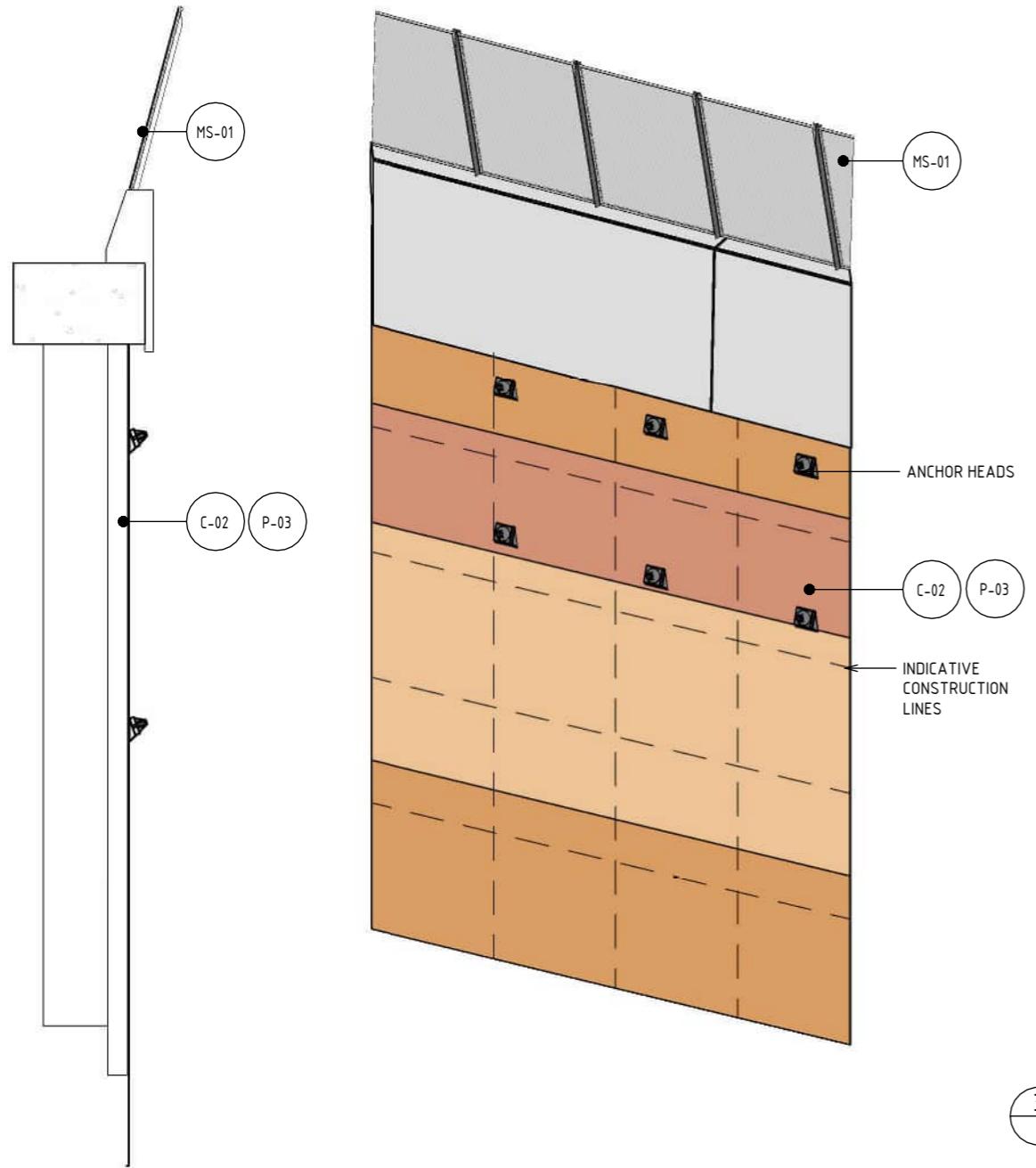
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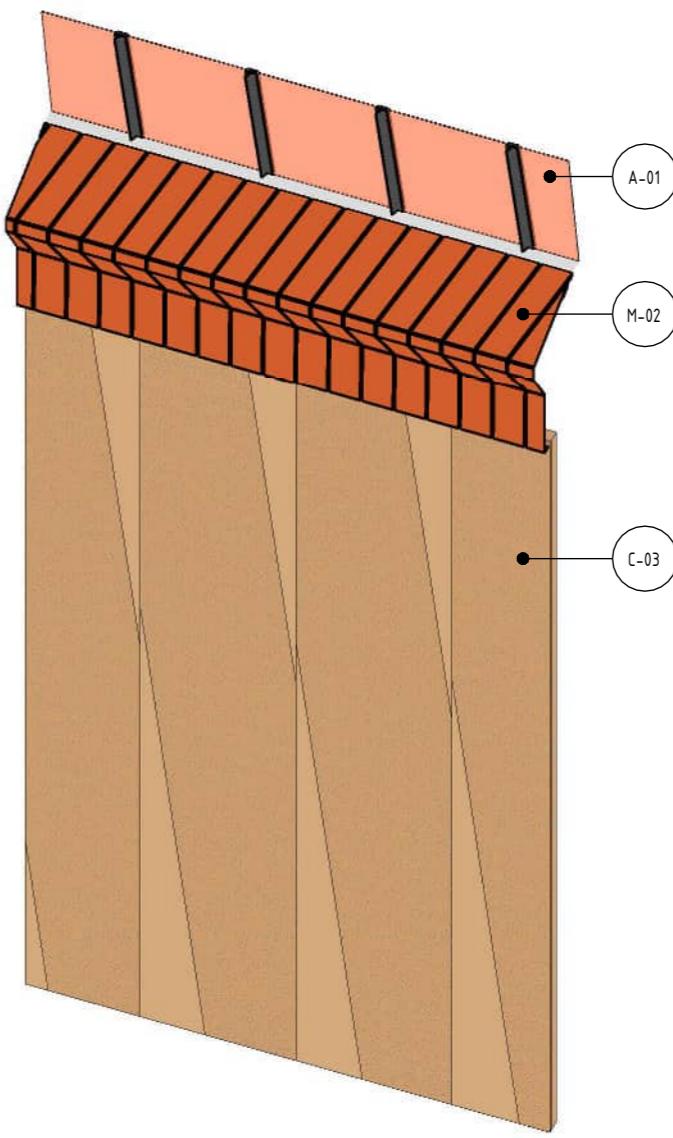
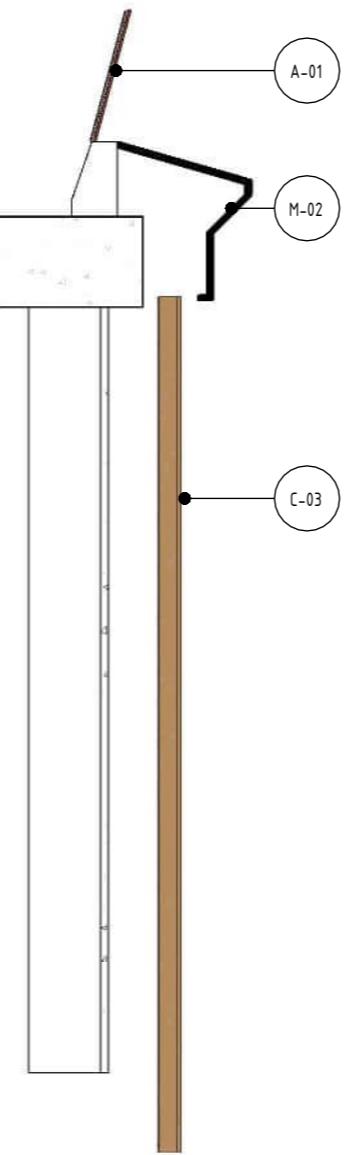
PROJECT CONTRACT:
NORTH

NELP DRAWING No.:
NEL-NTH-NNA-3900-EPU-DRG-1752

SUIT. CODE
7



3 DETAIL - WATSONIA TRENCH
SCALE : 1:100



4 ISOMETRIC - WATSONIA TRENCH
N.T.S.

1 DETAIL - WATSONIA TRENCH
SCALE : 1:100

2 ISOMETRIC - WATSONIA TRENCH
N.T.S.

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- NOISE WALL DESIGN SUBJECT TO FINAL ENGINEERING ADVICE. DETAILED DESIGN TO CONFIRM PARAMETERS FOR THESE STRUCTURES INCLUDING LOCATION, FINAL DESIGN AND MATERIALS.
- MAXIMUM HEIGHT OF NOISE WALLS, RETAINING WALLS AND SCREENS ARE SHOWN AND SUBJECT TO DESIGN DEVELOPMENT.
- ALL MATERIALS, PATTERNS, COLOURS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALL TOP OF NOISE WALLS TO BE TAPERED TO ALLOW FOR CONTINUOUS HEIGHT TRANSITIONS.
- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- CONTROL JOINTS SHOWN INDICATIVELY. SUBJECT TO DESIGN DEVELOPMENT.

1:100 1 0 1 2 3 4 5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

MATERIAL LEGEND

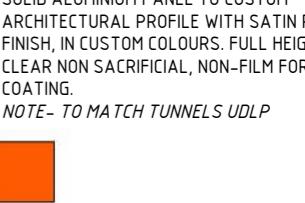
ACRYLIC FINISHES

A-01 TRANSPARENT TINTED ACRYLIC PANEL
TRANSPARENT TINTED ACRYLIC PANEL WITH ETCHE FINISH AND GRADUAL OPACITY DECREASE TOWARDS THE TOP OF THE PANEL. IN CUSTOM COLOURS. INTEGRATED POLYIMIDE THREADS FOR SHATTER AND BIRD STRIKE PROTECTION.



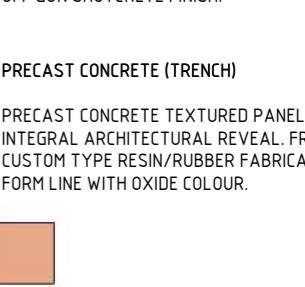
METAL FINISHES

M-02 SOLID ALUMINIUM PANEL
SOLID ALUMINIUM PANEL TO CUSTOM ARCHITECTURAL PROFILE WITH SATIN PVDF FINISH, IN CUSTOM COLOURS. FULL HEIGHT CLEAR NON SACRIFICIAL, NON-FILM FORMING COATING.



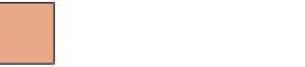
CONCRETE FINISHES

C-02 SHOTCRETE
OFF GUN SHOTCRETE FINISH.



PRECAST CONCRETE (TRENCH)

C-03 PRECAST CONCRETE TEXTURED PANEL WITH INTEGRAL ARCHITECTURAL REVEAL. FROM CUSTOM TYPE RESIN/RUBBER FABRICATED FORM LINE WITH OXIDE COLOUR.



PAINT FINISHES

P-03 PAINT OVER CONCRETE - TYPE 01
PAINT OVER CONCRETE WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL ANTI-GRAFFITI PROPERTIES TO ANTI-CARBONATION TOP COAT. ALL COATINGS SHALL MEET THE REQUIREMENT OF VICROADS SPECIFICATION SECTION 685. FINAL DESIGN SUBJECT TO WURUNDJERI CODEDESIGN INPUT.



MESH FINISHES

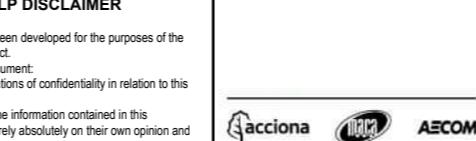
MS-01 WIRE MESH PROTECTION SCREEN
WIRE MESH PROTECTION SCREEN TO CUSTOM MANUFACTURED SHAPES. STAINLESS STEEL FINISH.

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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25	CHECKED BY	E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24			
4	UDLP FINAL SUBMISSION IEA	02/08/24	DESIGNED BY	M. SPYROPOULOS	05/11/25
3	UDLP REVIEW 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
2	UDLP IEA REVIEW	21/12/23	VERIFIED BY	L. ANDERSON	05/11/25
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3	SCALE: AS SHOWN	Security Classification: OFFICIAL: Sensitive	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1753	SUIT. CODE	REVISION
	REVISIONS										7

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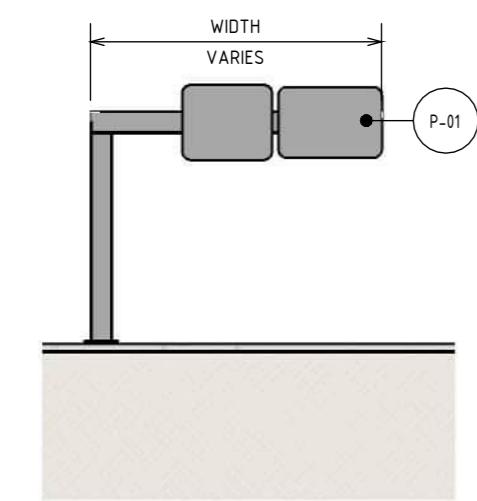
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
BRIDGE BARRIER TYPES - SHEET 03

CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nft

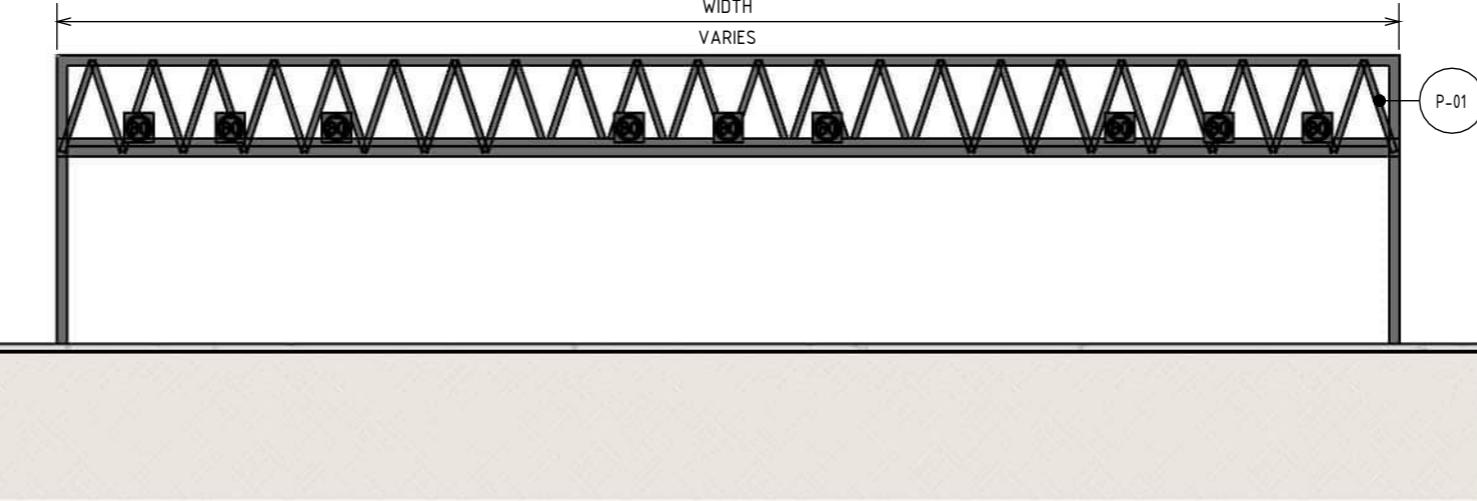
PROJECT CONTRACT: NORTH
NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1753
SUIT. CODE
REVISION

DOT No.:

1 ISOMETRIC - GANTRY TYPE 1 CANTILEVER
N.T.S



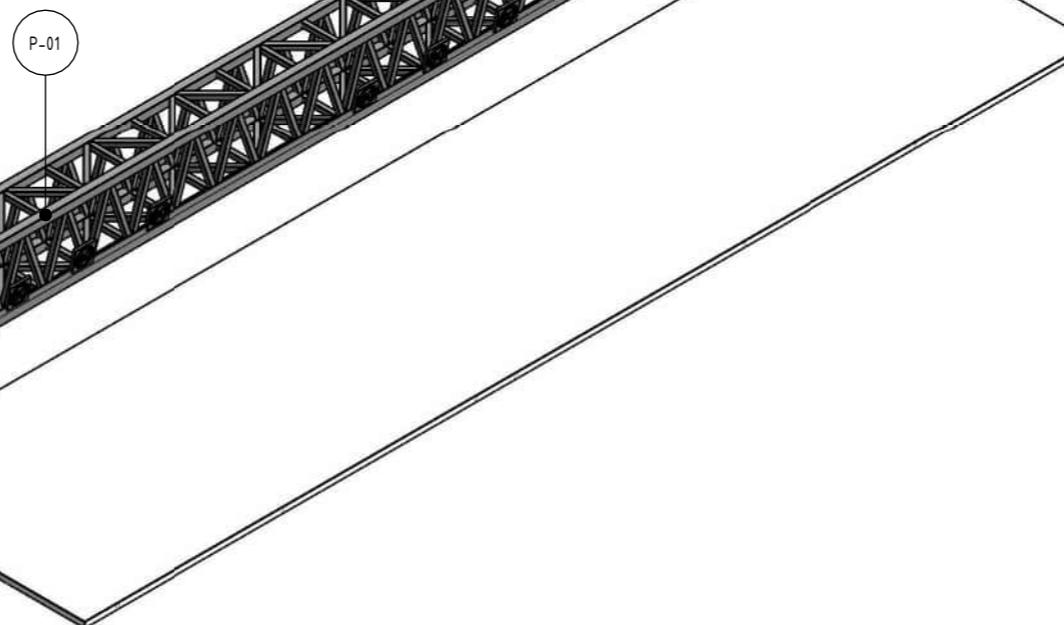
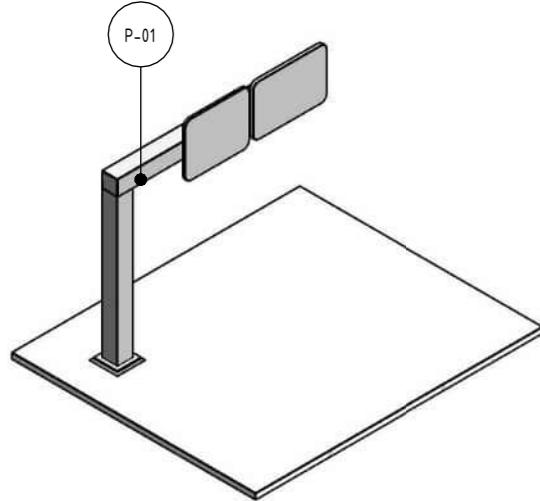
2 ISOMETRIC - GANTRY TYPE 2 THROUGH TRUSS NON-ACCESSIBLE
N.T.S



3 ELEVATION - GANTRY TYPE 1 CANTILEVER
SCALE : 1: 250

4 ELEVATION - GANTRY TYPE 2 THROUGH TRUSS NON-ACCESSIBLE
SCALE : 1: 250

TYPE TWO TO CONTAIN A
MIX OF SIGNAGE AND LMS
LOCATIONS TBC PENDING
FURTHER DESIGN
DEVELOPMENT



MATERIAL LEGEND	
PAINT FINISHES	
P-01	PAINT OVER STEEL - TYPE 01 PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT. 

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- GANTRY DESIGN SUBJECT TO FINAL ENGINEERING ADVICE. DETAILED DESIGN TO CONFIRM PARAMETERS FOR THESE STRUCTURES INCLUDING LOCATION, FINAL DESIGN AND MATERIALS.
- MAXIMUM HEIGHT OF NOISE WALLS, RETAINING WALLS AND SCREENS ARE SHOWN AND SUBJECT TO DESIGN DEVELOPMENT.
- ALL MATERIALS, PATTERNS, COLOURS, EXTENT AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.
- A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.
- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- ROAD DESIGN. SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

1:250 2.5 0 2.5 5 7.5 10 12.5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

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6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY	E. CASTILLO	05/11/25
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3		29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25
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1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25

REV. DESCRIPTION DATE

REVISIONS

APPROVALS

DRAWN: AECOM

SIZE: A3

SCALE: AS SHOWN

ACCIONA

MACA

AECOM

Security Classification: OFFICIAL: Sensitive

PROJECT CONTRACT:

NORTH

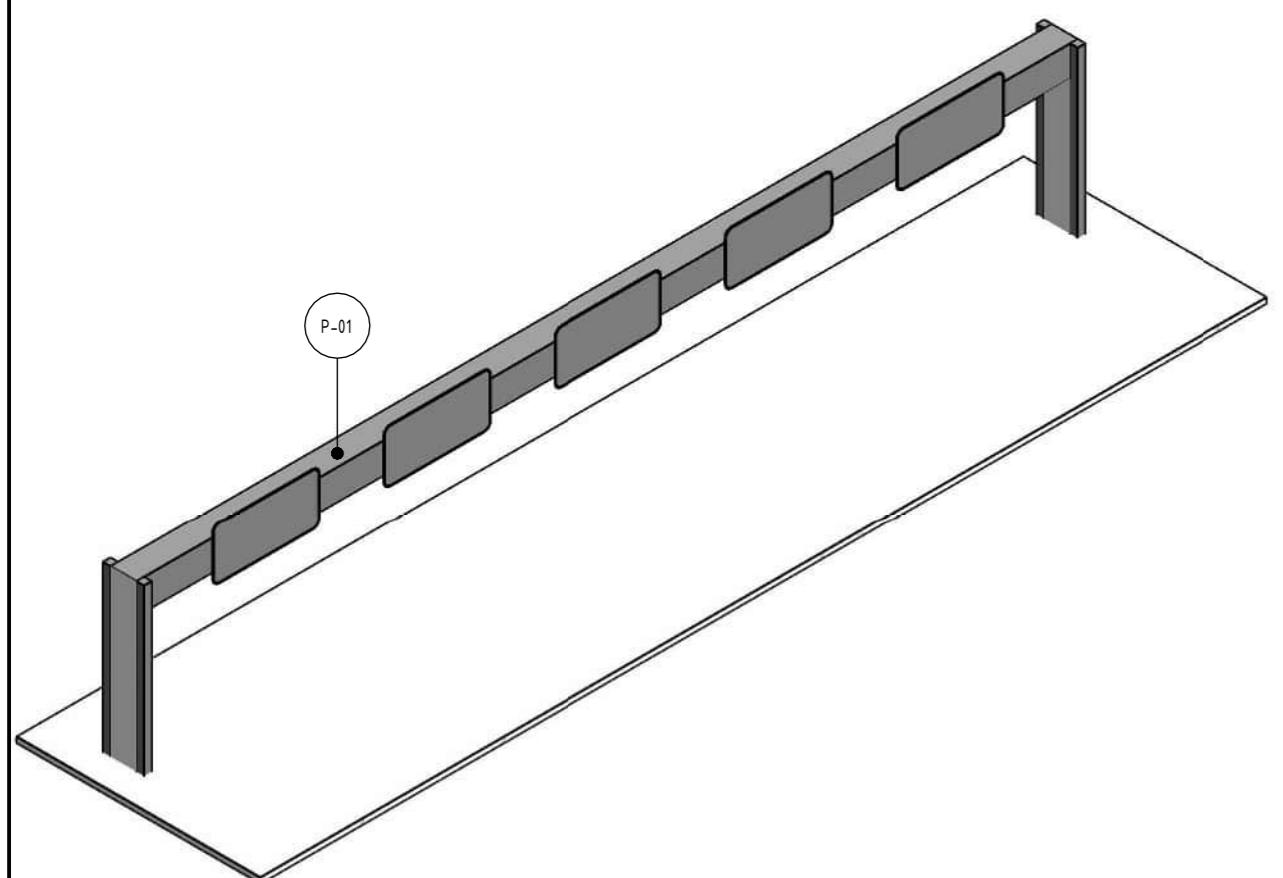
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NEL-NTH-NNA-3900-EPU-DRG-1761

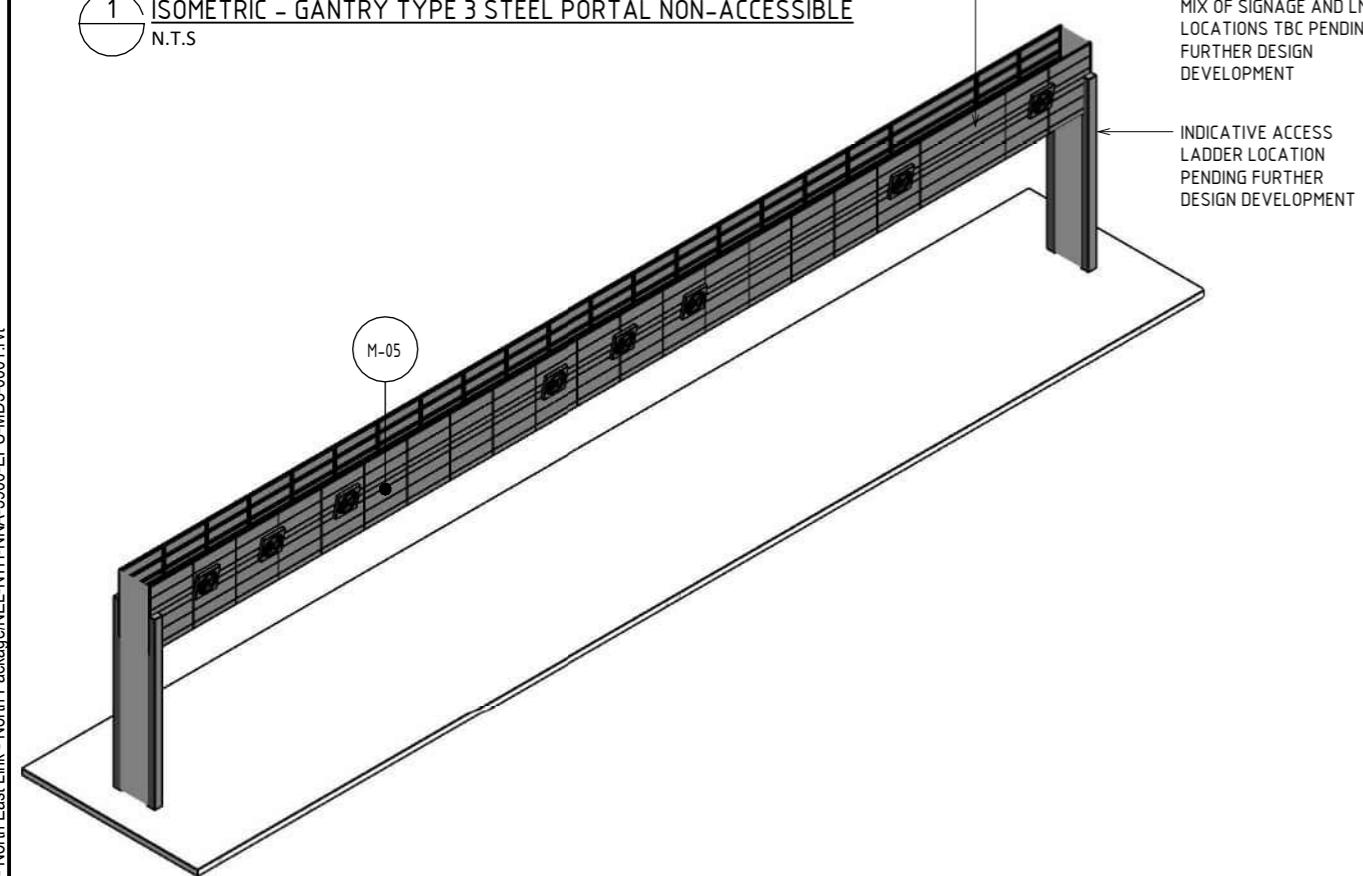
SUIT. CODE

7

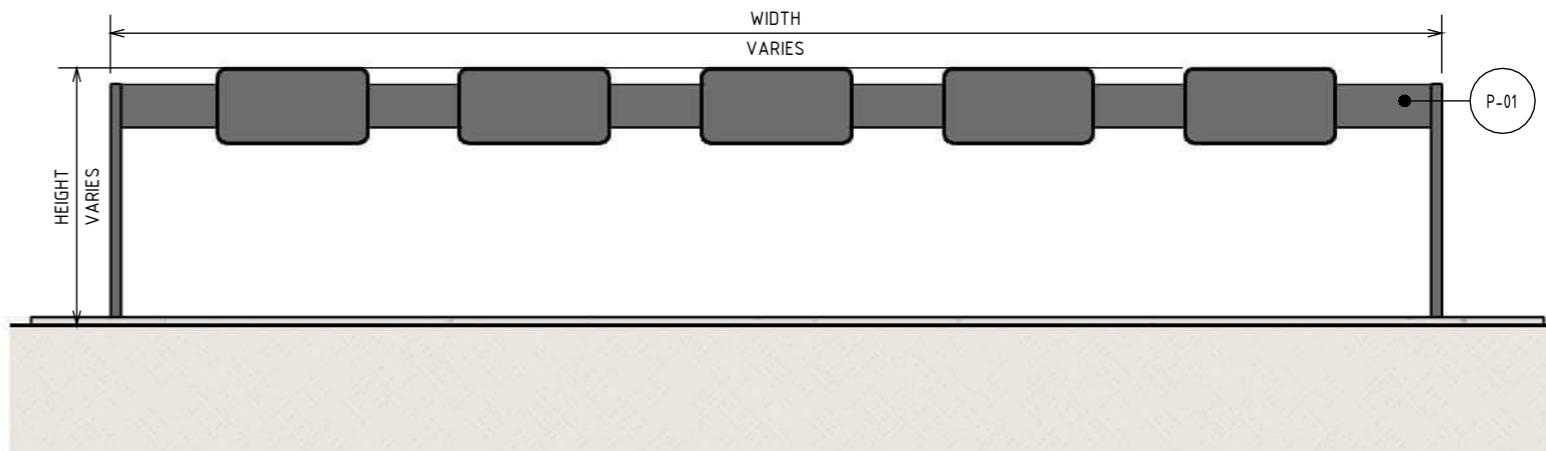
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
GANTRY TYPES - SHEET 01



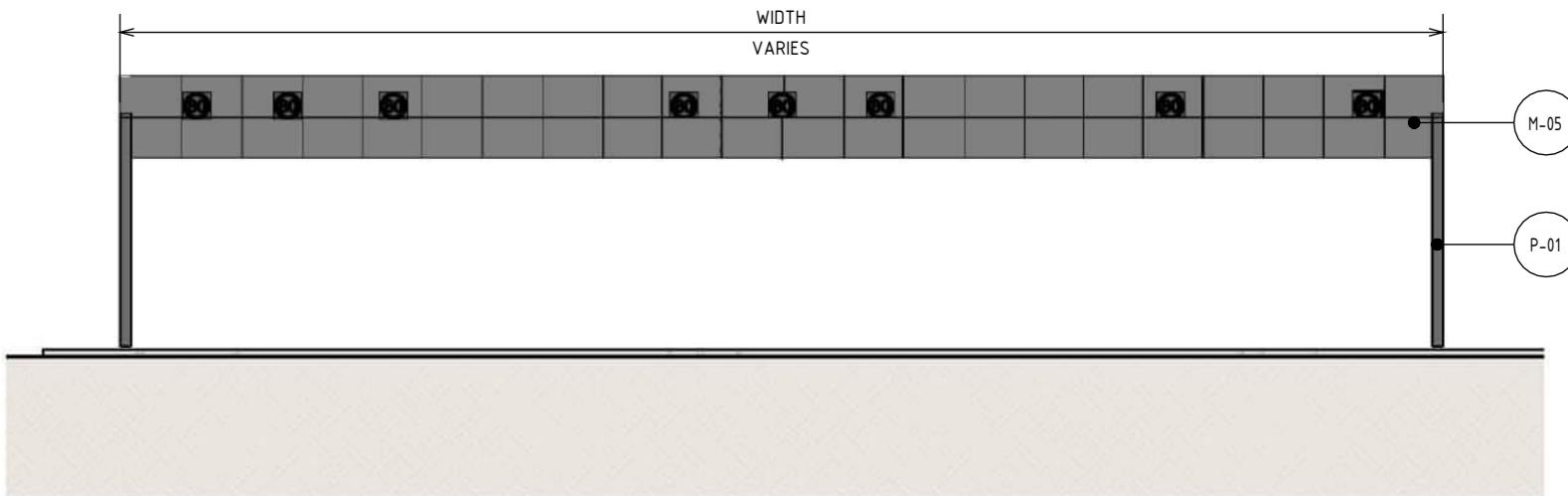
1 ISOMETRIC - GANTRY TYPE 3 STEEL PORTAL NON-ACCESSIBLE
N.T.S



3 ISOMETRIC - GANTRY TYPE 4 THROUGH TRUSS ACCESSIBLE (CLADDING)
N.T.S



2 ELEVATION - GANTRY TYPE 3 STEEL PORTAL NON-ACCESSIBLE
SCALE : 1: 250



4 ELEVATION - GANTRY TYPE 4 THROUGH TRUSS ACCESSIBLE (CLADDING)
SCALE : 1: 250

NOTE:

- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
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- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- ROAD DESIGN, SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

MATERIAL LEGEND

METAL FINISHES

M-05 PERFORATED ALUMINIUM PANELS

PERFORATED ALUMINIUM PANEL TO CUSTOM ARCHITECTURAL PROFILE WITH SATIN PVDF FINISH, IN CUSTOM COLOURS. FULL HEIGHT CLEAR NON-SACRIFICIAL, NON-FILM FORMING COATING.

PAINT FINISHES

P-01 PAINT OVER STEEL - TYPE 01

PAINT OVER STEEL WITH PROTECTIVE COATING. SATIN FINISH WITH INTEGRAL PROPERTIES TO TOP COAT.



1:250 2.5 0 2.5 5 7.5 10 12.5m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

Autodesk Docs/CLAPAC (AU) 60695208 - North East Link - North Package/NEL-NTH-NNA-3900-EPU-MD3-0001.rvt			
7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	
6	UDLP AMENDMENT REVIEW	05/09/25	DRAFTING CHECKED BY
5	UDLP FINAL SUBMISSION	21/08/24	E. CASTILLO
4	UDLP FINAL SUBMISSION IEA	02/08/24	M. SPYROPOULOS
3	UDLP REVISION 1	29/01/24	DESIGNED BY
2	UDLP IEA REVIEW	21/12/23	ENGINEERING CHECKED BY
1	PUBLIC EXHIBITION	25/09/23	M. FERNANDO
REV.	DESCRIPTION	DATE	VERIFIED BY
	REVISIONS		Z. CVITKOVIC
			APPROVED BY

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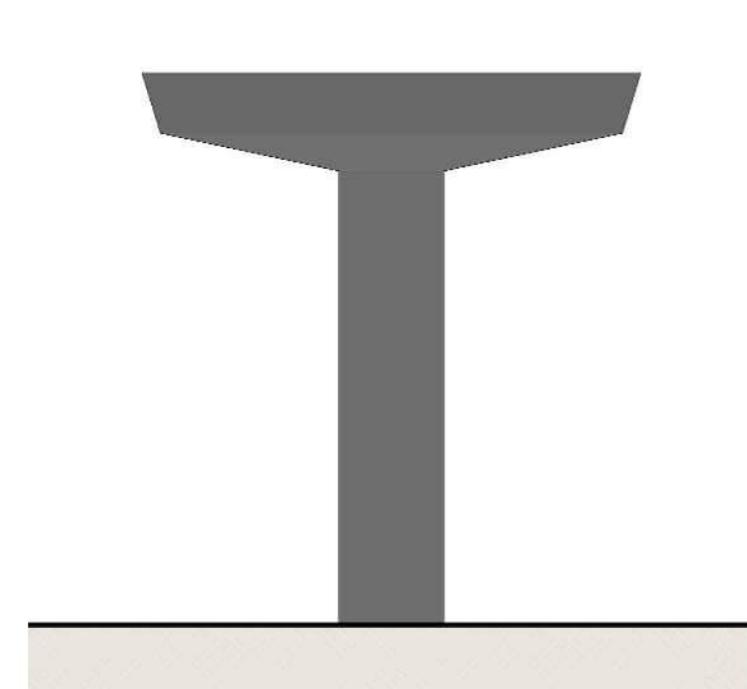
Security Classification: **OFFICIAL: Sensitive**

PROJECT CONTRACT:
NORTH

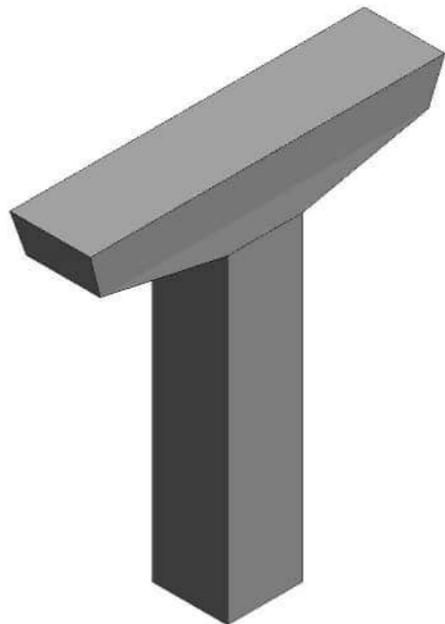
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NEL-NTH-NNA-3900-EPU-DRG-1762

SUIT. CODE
REVISION
7

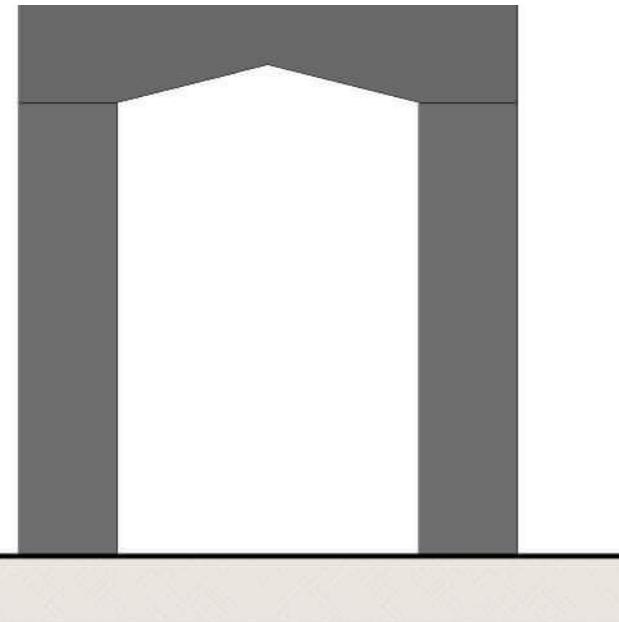
NORTH EAST LINK PROGRAM
RING ROAD COMPLETION
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
GANTRY TYPES - SHEET 02



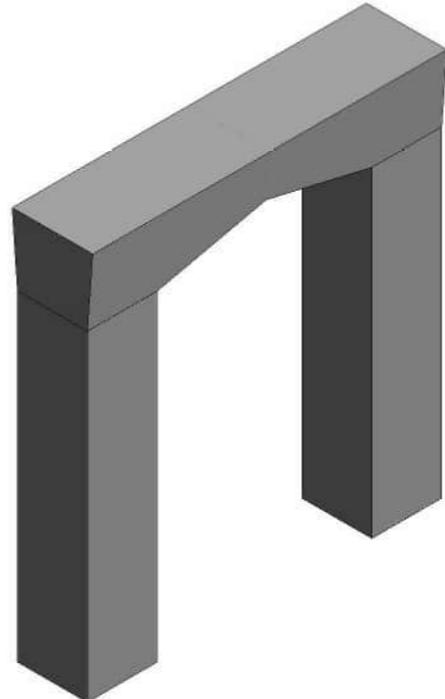
1 ELEVATION - PIER TYPE A
SCALE : 1: 200



2 ISOMETRIC - PIER TYPE A
N.T.S



3 ELEVATION - PIER TYPE B
SCALE : 1: 200



4 ISOMETRIC - PIER TYPE B
N.T.S

NOTE:

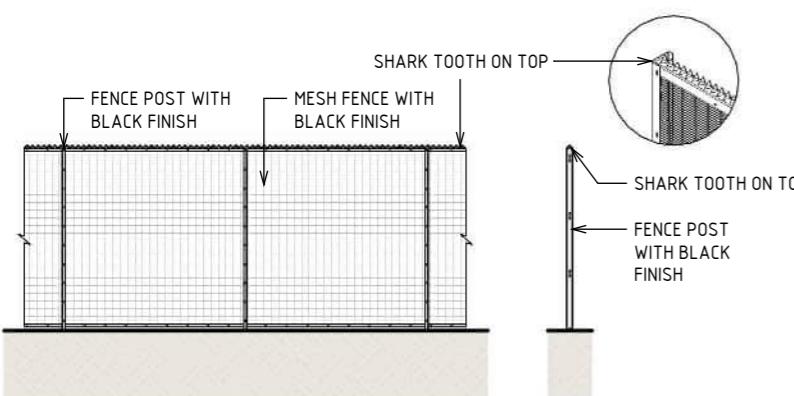
- THE ALIGNMENT AND LOCATION OF BARRIERS, FENCES, NOISE WALLS, RETAINING WALLS AND SCREENS ARE INDICATIVE AND ARE SUBJECT TO DESIGN DEVELOPMENT.
- PIER DESIGN SUBJECT TO FINAL ENGINEERING ADVICE. DETAILED DESIGN TO CONFIRM PARAMETERS FOR THESE STRUCTURES INCLUDING LOCATION, FINAL DESIGN AND MATERIALS.
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- ALLOWANCE TO BE MADE FOR COLOURATION GRADIENT IN ACRYLIC.
- ROAD DESIGN. SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

1:200 2 0 2 4 6 8 10m DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

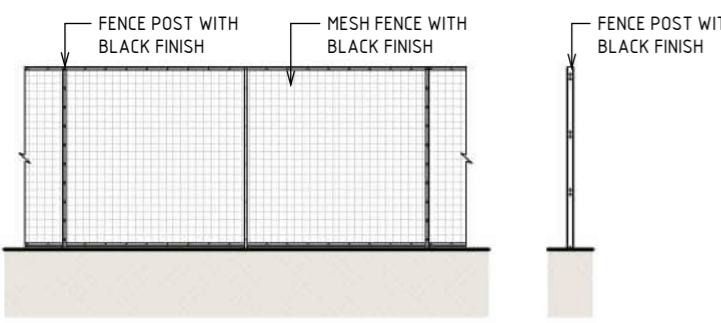
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REV.	DESCRIPTION	DATE	APPROVED BY	Z. CVITKOVIC	05/11/25	E. CASTILLO	05/11/25	Security Classification: OFFICIAL: Sensitive	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1771	SUIT. CODE	REVISION
1	PUBLIC EXHIBITION	25/09/23	APPROVED BY	Z. CVITKOVIC	05/11/25							7
2	UDLP IEA REVIEW	21/12/23	APPROVED BY	L. ANDERSON	05/11/25							
3	UDLP REVISION 1	29/01/24	ENGINEERING CHECKED BY	M. FERNANDO	05/11/25							
4	UDLP FINAL SUBMISSION IEA	02/08/24	ENGINEERING CHECKED BY	M. SPYROPOULOS	05/11/25							
5	UDLP FINAL SUBMISSION	21/08/24	DRAFTING CHECKED BY	E. CASTILLO	05/11/25							
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7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25										



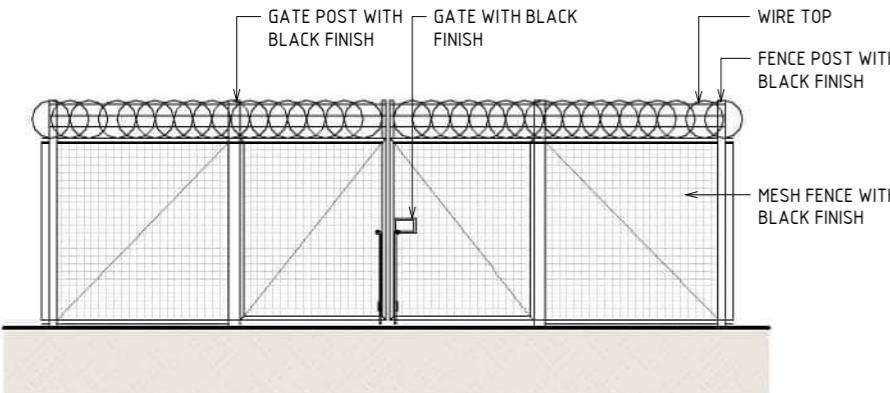
1 DETAIL - RAIL LINE SIDE FENCING - WELDED MESH FENCE WITH SHARK TOOTH

SCALE : 1:100



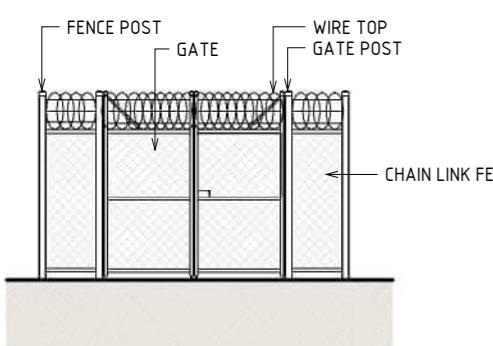
3 DETAIL - RAIL LINE SIDE FENCING - WELDED MESH FENCE

SCALE : 1:100



5 DETAIL - RAIL TUNNEL SERVICES FENCING - HIGH SECURITY VEHICLE ACCESS FENCING GATE

SCALE : 1:100



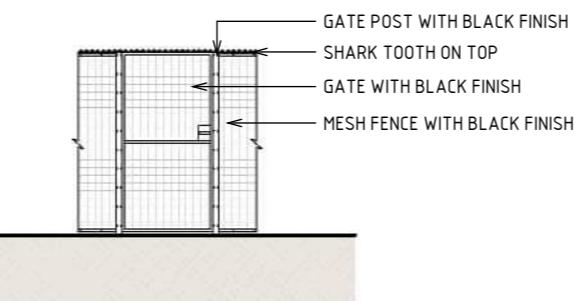
7 DETAIL - RAIL LUBRICATOR - EXISTING CHAIN LINK FENCE AND ACCESS GATE

SCALE : 1:100

REV.	DESCRIPTION	DATE
1	PUBLIC EXHIBITION	25/09/23
2	UDLP IEA REVIEW	21/12/23
3	UDLP REVISION 1	29/01/24
4	UDLP FINAL SUBMISSION IEA	02/08/24
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6	UDLP AMENDMENT REVIEW	05/09/25
7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25

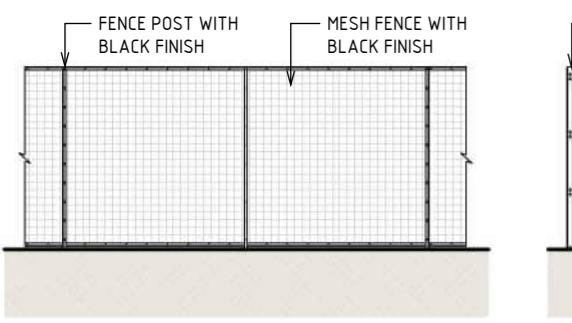
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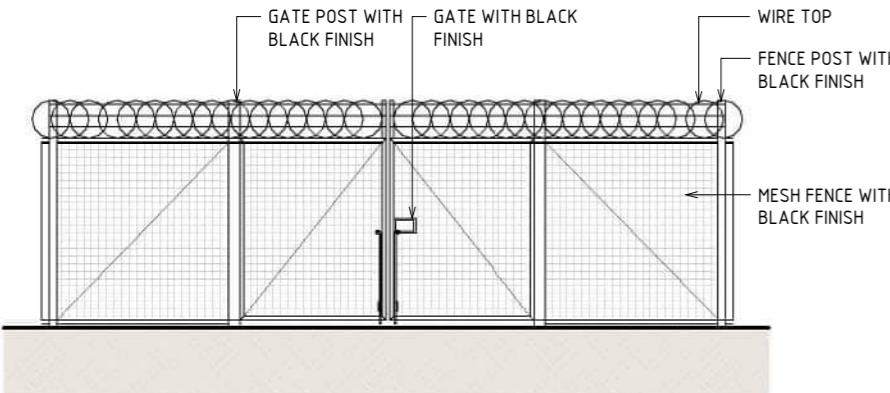
2 DETAIL - RAIL LINE SIDE FENCING - WELDED MESH ACCESS GATE WITH SHARK TOOTH

SCALE : 1:100



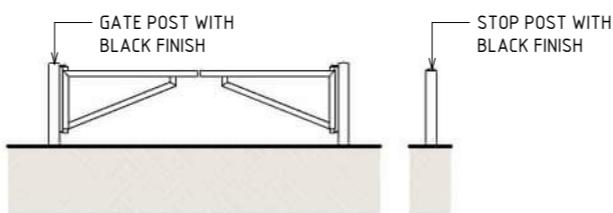
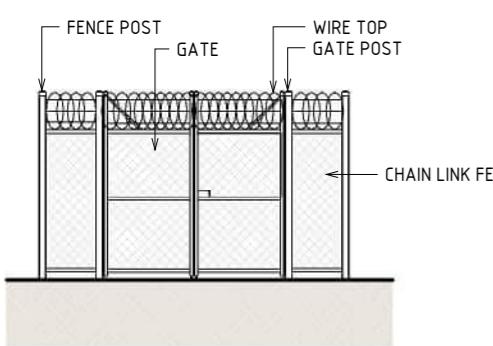
4 DETAIL - RAIL LINE SIDE FENCING - WELDED MESH ACCESS GATE

SCALE : 1:100



6 DETAIL - RAIL TUNNEL SERVICES FENCING - HIGH SECURITY ACCESS FENCING

SCALE : 1:100



8 DETAIL - RAIL CORRIDOR - SWING BOOM GATE AND SWING STOP POST

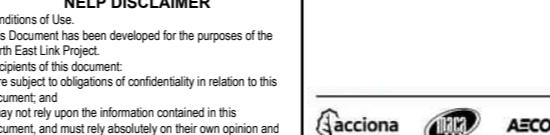
SCALE : 1:100

1 0 1 2 3 4 5m

DOT No.:

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

NORTH EAST LINK PROGRAM			
RING ROAD COMPLETION			
ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN			
ROAD INFRASTRUCTURE			
FENCE TYPES - SHEET 01			
Security Classification: OFFICIAL: Sensitive	PROJECT CONTRACT: NORTH	NELP DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1781	SUIT. CODE 7
CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.vt			



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Note: * Indicates signed documents as drawings will not have wet signatures.

MATERIAL PRECEDENTS



OFF-GUN SHOTCRETE FINISH

Source - <https://www.curjisconcretepumping.com/projects/structural-shotcrete-basement-walls-san-antonio/>



PAINT TREATMENT WESTERN HIGHWAY
(REMEMBRANCE DRIVE - BALLARAT) VICTORIA

Source - <https://monumentaustralia.org.au/themes/conflict/ww1/display/111209-ballarat-avenue-of-honour-overpass>



TIED-ARCH BRIDGE WITH INCLINED HANGERS

Source - <https://structurae.net/en/structures/n-vi-footbridge>



ANCHOR HEAD TREATMENT

Source - <https://www.dreamstime.com/used-ensure-stability-sheet-pile-structures-to-ensure-stability-slopes-rock-walls-notches-anch-image235255162>



CLIMBING PLANT FRAMES SOFTEN THE VISUAL IMPACT OF NOISE WALLS IN CONFINED SPACES. TULLAMARINE FREEWAY, MOONEE PONDS, VICTORIA

Source - https://www.vicroads.vic.gov.au/-/media/files/technical-documents-new/bridge-technical-notes/bridge-technical-note-2023_007--noise-attenuation-walls--v20--may-2023.ashx



LANDSCAPE IN FRONT OF NOISE WALLS MORDIALLOC FREEWAY, BRAESIDE, VICTORIA

Source - https://www.vicroads.vic.gov.au/-/media/files/technical-documents-new/bridge-technical-notes/bridge-technical-note-2023_007--noise-attenuation-walls--v20--may-2023.ashx



ROCK BEACHING TO REFERENCE GEOLOGY OF THE AREA

Source - Google Street View



DEMONSTRATES LIGHTING THE VERTICAL ELEMENTS OF THE UNDERPASS TO IMPROVE VISUAL COMFORT, WHILST MAINTAINING COMPLIANT AND LIGHTING LEVELS.

Source - <https://www.warrenlangley.com.au/project/immerse/>

NOTE:
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A REFLECTIVITY STUDY WILL BE UNDERTAKEN DURING THE DESIGN DEVELOPMENT PHASE FOR THE URBAN DESIGN ELEMENTS AND MATERIAL AND FINISHES WILL BE ADJUSTED ACCORDINGLY.

ROAD DESIGN. SHARED USE PATH AND MAINTENANCE ACCESS TRACKS ARE SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

BRIDGE DESIGN IS SUBJECT TO FINAL ENGINEERING ADVICE, DETAILED DESIGN AND TECHNICAL REQUIREMENTS.

ALL MATERIALS, PATTERNS, COLOURS, EXTENTS AND FINISHES ARE SUBJECT TO DESIGN DEVELOPMENT. COLOURS TO BE GENERALLY IN ALIGNMENT WITH THE MUNSELL COLOUR CHART.

DESIGN SUBJECT TO RELEVANT CODES AND STANDARDS

DOT No.:

NORTH EAST LINK PROGRAM

RING ROAD COMPLETION

ATTACHMENT 1: ARCHITECTURE AND URBAN DESIGN
ROAD INFRASTRUCTURE
MATERIAL PRECEDENTS

PROJECT CONTRACT: NORTH
NEL DRAWING No.: NEL-NTH-NNA-3900-EPU-DRG-1791
SUIT. CODE: 7

7	UDLP AMENDMENT FINAL SUBMISSION	05/11/25	DRAFTING CHECKED BY	NAME	DATE
6	UDLP AMENDMENT REVIEW	05/09/25		E. CASTILLO	05/11/25
5	UDLP FINAL SUBMISSION	21/08/24		M. SPYROPOULOS	05/11/25
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REV.	DESCRIPTION	DATE	APPROVALS	DRAWN: AECOM	SIZE: A3
	REVISIONS			SCALE: N.T.S	CAD FILE: NEL-NTH-NNA-3900-EPU-MD3-0001.nvt



Security Classification: OFFICIAL: Sensitive

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