

## ST MARYS STATION FOOTBRIDGE

ST MARYS, NSW

DETAILED NOISE AND VIBRATION IMPACT STATEMENT

RWDI # 2305915

24 January 2025

### SUBMITTED TO

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## DOCUMENT CONTROL

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## GLOSSARY

Term	Definition
<b>CNVS</b>	Sydney Metro Construction Noise and Vibration Standard (2020)
<b>dba</b>	The decibel (dB) sound pressure level filtered through the A filtering network to approximate human hearing response at low frequencies.
<b>DNVIS</b>	Detailed Noise and Vibration Impact Statement
<b>EPA</b>	Environment Protection Authority
<b>FSM</b>	Footbridge Construction at St Marys Station
<b>Highly Noise Affected</b>	The highly noise affected level represents the point above which there may be strong community reaction to noise, i.e. > 75 dBA
<b>ICNG</b>	Interim Construction Noise Guideline (DECC, 2009)
<b>LA90</b>	The LA90 level is the noise level which is exceeded for 90% of the sample period. During the sample period, the noise level is below the LA90 level for 10% of the time. This measure is commonly referred to as the background noise level.
<b>LAeq</b>	The equivalent continuous sound level (LAeq) is the energy average of the varying noise over the sample period and is equivalent to the level of a constant noise which contains the same energy as the varying noise environment. This measure is also a common measure of environmental noise and road traffic noise.
<b>Maximum Noise Level (L<sub>Amax</sub>)</b>	The maximum noise level over a sample period is the maximum level, measured on fast response, during the sample period.
<b>NCA</b>	Noise Catchment Area
<b>NML</b>	Noise Management Level
<b>NPfi</b>	Noise Policy for Industry
<b>OOHW</b>	Out of Hours Work
<b>Other sensitive receivers</b>	Non-residential sensitive receivers, including hospitals, educational facilities, place of worship, child care centres, outdoor recreation areas, etc
<b>RBL</b>	The Rating Background Level for each period is the median value of the ABL values for the period over all of the days measured. There is therefore an RBL value for each period – daytime, evening and night time.
<b>SPL</b>	Sound Pressure Level, the logarithmic ratio of the RMS sound pressure to the sound pressure at the threshold of hearing.
<b>SWL / L<sub>w</sub></b>	Sound Power Level, the logarithmic ratio of the instantaneous sound power (energy) of a noise source to that of an international standard reference power.



# TABLE OF CONTENTS

<b>1</b>	<b>INTRODUCTION .....</b>	<b>6</b>
<b>2</b>	<b>PROJECT DESCRIPTION.....</b>	<b>12</b>
<b>2.1</b>	<b>Site Location.....</b>	<b>12</b>
<b>2.2</b>	<b>Proposed Works.....</b>	<b>12</b>
<b>2.3</b>	<b>Working Hours.....</b>	<b>13</b>
<b>3</b>	<b>EXISTING ENVIRONMENT .....</b>	<b>16</b>
<b>3.1</b>	<b>Surrounding Sensitive Receivers .....</b>	<b>16</b>
<b>3.2</b>	<b>Noise Catchment Areas .....</b>	<b>16</b>
<b>3.3</b>	<b>Heritage Assets .....</b>	<b>16</b>
<b>3.4</b>	<b>Existing Background Noise Levels .....</b>	<b>17</b>
<b>3.5</b>	<b>Baseline Road Traffic Noise Levels .....</b>	<b>18</b>
<b>4</b>	<b>CONSTRUCTION NOISE CRITERIA .....</b>	<b>20</b>
<b>4.1</b>	<b>Interim Construction Noise Guideline.....</b>	<b>20</b>
<b>4.2</b>	<b>Sleep Disturbance.....</b>	<b>22</b>
<b>4.3</b>	<b>Construction Road Traffic Noise Criteria.....</b>	<b>23</b>
<b>4.4</b>	<b>Ground-borne Noise.....</b>	<b>24</b>
<b>5</b>	<b>CONSTRUCTION VIBRATION CRITERIA .....</b>	<b>25</b>
<b>5.1</b>	<b>General Cosmetic Damage Vibration Goals.....</b>	<b>25</b>
<b>5.2</b>	<b>Heritage Buildings or Structures Vibration Goals.....</b>	<b>26</b>
<b>5.3</b>	<b>Human Comfort Vibration Goals.....</b>	<b>26</b>
<b>5.4</b>	<b>Sensitive Scientific Equipment .....</b>	<b>28</b>
<b>6</b>	<b>NOISE ASSESSMENT.....</b>	<b>29</b>
<b>6.1</b>	<b>Construction Scenarios .....</b>	<b>29</b>
<b>6.2</b>	<b>Construction Source Noise Levels .....</b>	<b>30</b>
<b>6.3</b>	<b>Construction Noise Modelling.....</b>	<b>33</b>
<b>6.4</b>	<b>Predicted Construction Noise Levels .....</b>	<b>33</b>



<b>6.5</b>	<b>Road Traffic Noise .....</b>	<b>36</b>
<b>6.6</b>	<b>Ground-borne Noise .....</b>	<b>36</b>
<b>7</b>	<b>VIBRATION ASSESMENT .....</b>	<b>37</b>
<b>7.1</b>	<b>Summary of Vibration Intensive Works .....</b>	<b>37</b>
<b>7.2</b>	<b>Vibration Assessment .....</b>	<b>38</b>
<b>8</b>	<b>MITIGATION AND MANAGEMENT MEASURES .....</b>	<b>42</b>
<b>8.1</b>	<b>Standard Mitigation Measures .....</b>	<b>42</b>
<b>8.2</b>	<b>Project Specific Mitigation and Management Measures .....</b>	<b>42</b>
<b>8.3</b>	<b>Measures Identified Through Consultation .....</b>	<b>46</b>
<b>8.4</b>	<b>Additional Mitigation Measures .....</b>	<b>46</b>
<b>8.5</b>	<b>Respite Periods.....</b>	<b>48</b>
<b>8.6</b>	<b>Community Notification .....</b>	<b>48</b>
<b>8.7</b>	<b>Monitoring .....</b>	<b>49</b>
<b>8.8</b>	<b>Alternative Construction Methods .....</b>	<b>50</b>
<b>9</b>	<b>CUMULATIVE IMPACTS .....</b>	<b>51</b>
<b>10</b>	<b>CONCLUSION AND RECOMMENDATIONS .....</b>	<b>52</b>
<b>11</b>	<b>STATEMENT OF LIMITATIONS .....</b>	<b>53</b>

## APPENDICES

- Appendix A: Noise Impact Maps
- Appendix B: Predicted Noise Level Tables

# 1 INTRODUCTION

RWDI Australia Pty Ltd (RWDI) has been engaged by Laing O'Rourke Australia Construction Pty Ltd (LOR) to undertake a Detailed Noise and Vibration Impact Statement (DNVIS) for works associated with the Footbridge construction at St Marys Station (FSM). The FSM project forms part of the enabling works for the Sydney Metro Western Sydney Airport (the project) and is being undertaken as part of the Transport Access Program (TAP3) for Sydney Metro Western Sydney Airport (the Project).

This DNVIS provides the following details:

- the existing noise environment;
- the land zoning of the site and neighbouring area;
- the closest existing sensitive receivers;
- relevant noise criteria;
- construction noise and vibration and traffic noise predictions for the proposed works and assumptions used in the assessment; and
- recommendations to minimise the noise impact on the affected receivers, if required.

This assessment has been prepared in accordance with the Construction Environmental Management Plan (CEMP) for FSM, as per the Minister's Condition of approval (CoA) E47. This report assesses the potential construction noise and vibration impacts associated with the construction of the FSM. A list of applicable requirements from the CoA which are applicable to the preparation of this DNVIS is provided in **Table 1-1** below. Other requirements relevant to Noise and Vibration including E41 Variation to work hours, E42 Out of hours work protocol are further detailed in the CEMP.

This assessment has been completed with reference to relevant guidelines and policies, namely:

- *Interim Construction Noise Guideline (DECC, 2009) – ICNG*
- *Sydney Metro Construction Noise and Vibration Standard (2020) – CNVS*
- *NSW Industrial Noise Policy (NSW EPA, 2000) – INP*
- *Transport for NSW Construction Noise and Vibration Strategy – April 2018 (TfNSW 2018)*
- *The Sydney Metro Construction Environmental Management Framework v3.1 – CEMF*
- *Assessing Vibration: A Technical Guideline (DEC, 2006) (for human exposure)*
- *BS 7385 Part 2 -1993 "Evaluation and measurement for vibration in buildings Part 2" (as applicable to Australian conditions)*
- *German Standard DIN 4150-3: Structural Vibration – effects of vibration on structures*

**Table 1-1: Compliance with Conditions of Approval**

ID	Requirements	Document Reference
E37	<p>A detailed land use survey must be undertaken to confirm sensitive land use(s) (including critical working areas such as operating theatres and precision laboratories) potentially exposed to construction noise and vibration and construction ground-borne noise. The survey may be undertaken on a progressive basis but must be undertaken in any one area before the commencement of work which generates construction noise, vibration or ground-borne noise in that area. The results of the survey must be included in the <b>Detailed Noise and Vibration Impact Statements</b> required under <b>Condition E47</b>.</p>	<p>Section 3.1 Figure 3-1</p>
E38	<p>Work must only be undertaken during the following hours:</p> <ul style="list-style-type: none"> <li>a) 7:00am to 6:00pm Mondays to Fridays, inclusive;</li> <li>b) 8:00am to 1:00pm Saturdays; and</li> <li>c) at no time on Sundays or public holidays.</li> </ul>	<p>Section 2.3</p>
E39	<p>Except as permitted by an EPL or approved in accordance with the Out-of-Hours Works Protocol required by <b>Condition E42</b>, highly noise intensive work that result in an exceedance of the applicable NML at the same receiver must only be undertaken:</p> <ul style="list-style-type: none"> <li>a) between the hours of 8:00 am to 6:00 pm Monday to Friday;</li> <li>b) between the hours of 8:00 am to 1:00 pm Saturday; and</li> <li>c) if continuously, then not exceeding three (3) hours, with a minimum cessation of work of not less than one (1) hour.</li> </ul> <p>For the purposes of this condition, 'continuously' includes any period during which there is less than one (1) hour between ceasing and recommencing any of the work.</p>	<p>Section 8.2 and 8.5</p>
E40	<p>The Approval Does not permit blasting</p>	<p>Not Applicable, Blasting not part of Project design.</p>
E41	<p>Variation to work hours</p>	<p>Refer to CEMP</p>
E42	<p>Out of hours work Protocol</p>	<p>Refer to CEMP</p>
E43	<p>Mitigation measures must be implemented with the aim of achieving the following construction noise management levels and vibration criteria:</p>	<p>Section 8.1 and 8.2</p>
	<p>a) construction 'Noise affected' noise management levels established using the Interim Construction Noise Guideline (DECC, 2009);</p>	<p>Section 4</p>
	<p>b) preferred vibration criteria established using the Assessing vibration: a technical guideline (DEC, 2006) (for human exposure);</p>	<p>Section 5</p>
<p>c) Australian Standard AS 2187.2 – 2006 "Explosives – Storage and Use – Use of Explosives" (for human exposure);</p>	<p>Not Applicable, Blasting not part of Project design.</p>	

ID	Requirements	Document Reference
E43	d) BS 7385 Part 2-1993 "Evaluation and measurement for vibration in buildings Part 2" as they are "applicable to Australian conditions"; and	Section 5
	e) the vibration limits set out in the German Standard DIN 4150-3: Structural Vibration-effects of vibration on structures (for structural damage for structurally unsound heritage items).	Section 5
	Any work identified as exceeding the noise management levels and / or vibration criteria must be managed in accordance with <b>the Noise and Vibration CEMP Sub-plan</b> .	Section 8.4
	Note: The ICNG identifies 'particularly annoying' activities that require the addition of 5 dB(A) to the predicted level before comparing to the construction Noise Management Level.	Section 6.2
E44	All reasonable and feasible mitigation measures must be applied when the following residential ground-borne noise levels are exceeded: evening (6:00 pm to 10:00 pm) — internal $L_{Aeq(15\text{ minute})}$ : 40 dB(A); and night (10:00 pm to 7:00 am) — internal $L_{Aeq(15\text{ minute})}$ : 35 dB(A). The mitigation measures must be outlined in the <b>Noise and Vibration CEMP Sub-plan</b> , including in any Out-of-Hours Work Protocol, required by <b>Condition E42</b>	Section 6.6
E45	Noise generating work in the vicinity of potentially-affected community, religious, educational institutions and noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories and operating theatres) resulting in noise levels above the NMLs must not be timetabled within sensitive periods, unless other reasonable arrangements with the affected institutions are made at no cost to the affected institution.	Section 8.2
E46	Industry best practice construction methods must be implemented where reasonably practicable to ensure that noise levels are minimised around sensitive land user(s). Practices must include, but are not limited to:	Section 8.2
	a) use of regularly serviced low sound power equipment;	Section 8.2
	b) at source control, temporary noise barriers (including the arrangement of plant and equipment) around noisy equipment and activities such as rock hammering and concrete cutting;	Section 8.2
E46	c) use of non-tonal reversing alarms; and d) use of alternative construction and demolition techniques.	Section 8.2 and 8.8



ID	Requirements	Document Reference
E47	<p><b>Detailed Noise and Vibration Impact Statements (DNVIS)</b> must be prepared for any work that may exceed the NMLs, vibration criteria and / or ground- borne noise levels specified in <b>Conditions E43 and E44</b> at any residence outside construction hours identified in <b>Condition E38</b>, or where receivers will be highly noise affected or subject to vibration levels above those otherwise determined as appropriate by a suitably qualified structural engineer under <b>Condition E87</b>. The <b>DNVIS</b> must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the works. A copy of the <b>DNVIS</b> must be provided to the ER before the commencement of the associated works. The Planning Secretary and the EPA may request a copy(ies) of the <b>DNVIS</b>.</p>	Section 8.2 and 8.3
E48	<p>Owners and occupiers of properties at risk of exceeding the screening criteria for cosmetic damage must be notified before works that generate vibration commences in the vicinity of those properties. If the potential exceedance is to occur more than once or extend over a period of 24 hours, owners and occupiers must be provided a schedule of potential exceedances on a monthly basis for the duration of the potential exceedances, unless otherwise agreed by the owner and occupier. These properties must be identified and considered in the <b>Noise and Vibration CEMP Sub-plan</b>.</p>	Section 8.2
E49	<p>Where sensitive land use(s) are identified in Appendix B as exceeding the highly noise affected criteria during typical case construction, mitigation measures must be implemented with the objective of reducing typical case construction noise below the highly noise affected criteria at each relevant sensitive landuse(s). Activities that would exceed highly noise affected criteria during typical case construction must not commence until the measures identified in this condition have been implemented, unless otherwise agreed with the Planning Secretary.</p> <p><i>Note: Mitigation measures may include path barrier controls such as acoustic sheds and/or noise walls, at-property treatment, or a combination of path and at-property treatment.</i></p>	Section 6.4, 8.2, Table 4-2, Appendix B, and Appendix C
E51	<p>Where <b>Condition E49</b> determines that at-property treatment (temporary or permanent) is the appropriate measure to reduce noise impacts, this at- property treatment must be offered to landowners of residential properties for habitable living spaces, unless other mitigation or management measures are agreed to by the landowner. Landowners must be advised of the range of options that can be installed at or in their property and given a choice as to which of these they agree to have installed. A copy of all guidelines and procedures that will be used to determine at-property treatment at their residence must be provided to the landowner.</p>	Section 8.2
E52	<p>Any offer for at-property treatment or the application of other noise mitigation measures in accordance with <b>Condition E51</b>, does not expire until the noise impacts specified in <b>Condition E49</b>, affecting that property are completed, even if the landowner initially refuses the offer. Note: If an offer has been made but is not accepted, this does not preclude the commencement of construction under <b>Condition E49</b>.</p>	Section 8.2

ID	Requirements	Document Reference
E53	The implementation of at-property treatment does not preclude the application of other noise and vibration mitigation and management measures including temporary and long-term accommodation.	Section 8.2
E54	<p>Vibration testing must be conducted during vibration generating activities that have the potential to impact on Heritage items to verify minimum working distances to prevent cosmetic damage. In the event that the vibration testing and attended monitoring shows that the preferred values for vibration are likely to be exceeded, the Proponent must review the construction methodology and, if necessary, implement additional mitigation measures.</p> <p>Such measures must include, but not be limited to, review or modification of excavation techniques.</p>	Section 8.2
E55	The Proponent must seek the advice of a heritage specialist on methods and locations for installing equipment used for vibration, movement and noise monitoring at Heritage items.	Section 8.2
E56	<p>All work undertaken for the delivery of the CSSI, including those undertaken by third parties (such as utility relocations), must be coordinated to ensure respite periods are provided. The Proponent must:</p> <ul style="list-style-type: none"> <li>a) reschedule any work to provide respite to impacted noise sensitive land use(s) so that the respite is achieved in accordance with <b>Condition E57</b>; or</li> <li>b) consider the provision of alternative respite or mitigation to impacted noise sensitive land use(s); and</li> <li>c) provide documentary evidence to the ER in support of any decision made by the Proponent in relation to respite or mitigation.</li> </ul> <p>The consideration of respite must also include all other approved Critical SSI, SSI and SSD projects which may cause cumulative and / or consecutive impacts at receivers affected by the delivery of the CSSI.</p>	Section 8.2 and 8.5



ID	Requirements	Document Reference
E57	<p>In order to undertake out-of-hours work outside the work hours specified under <b>Condition E38</b>, appropriate respite periods for the out-of-hours work must be identified in consultation with the community at each affected location on a regular basis. This consultation must include (but not be limited to) providing the community with:</p> <ul style="list-style-type: none"> <li>a) a progressive schedule for periods no less than three (3) months, of likely out-of-hours work;</li> <li>b) a description of the potential work, location and duration of the out-of- hours work;</li> <li>c) the noise characteristics and likely noise levels of the work; and</li> <li>d) likely mitigation and management measures which aim to achieve the relevant NMLs under <b>Condition E43</b> (including the circumstances of when respite or relocation offers will be available and details about how the affected community can access these offers).</li> </ul> <p>The outcomes of the community consultation, the identified respite periods and the scheduling of the likely out-of-hour work must be provided to the ER, EPA and the Planning Secretary prior to the out-of-hours work commencing.</p> <p><b>Note:</b> <i>Respite periods can be any combination of days or hours where out-of- hours work would not be more than 5 dB(A) above the RBL at any residence.</i></p>	Section 8.2, 8.5, and 8.6

## 2 PROJECT DESCRIPTION

### 2.1 Site Location

St Marys Railway Station is located on the T1- North Shore & Western Line between Kalang Avenue and Glossop Street. The station is located about 40 Kilometres west of the Sydney Central Business District (CBD) in the suburb of St Marys, within in the Penrith Local Government Area. The FSM project will connect the north and south of the station precinct. The FSM works will allow for the interchange between the future SMWSA St Marys metro station, Harris Street car-park, and existing Sydney Trains platforms at St Marys. The St Marys Railway Station Group, including the goods shed, jib crane, and station building are all heritage listed items.

The land uses in the wider St Marys area is generally characterised by an urbanised environment. St Marys Town Centre is one of the two main retail/commercial centres in the Penrith local government area (LGA). The town centre is surrounded primarily by residential, education, open space and recreation areas adjacent to South Creek in the west. A mix of low to medium density, multi-unit residential developments are located in the vicinity of the existing St Marys Station and to the east of the town centre. Outside the town centre, land uses transition to a more residential urban setting around the suburbs of Werrington, Claremont Meadows and Caddens. Werrington comprises a mix of educational, low density residential, plus industrial and recreation uses interspersed with vacant rural land.

**Figure 2-1** presents the location of the site and surrounding sensitive receivers and **Figure 2-2** presents a detailed project works area.

### 2.2 Proposed Works

This DNVIS has been prepared to address the following scope of works:

- Demolition and removal of all existing structures and services affected by the FSM work
- Construction of a footbridge spanning the Sydney Trains T1 line at St Marys Station
- Installation of vertical transportation comprising stairs, four escalators and five lifts
- Modifications to existing Sydney Trains assets to enable the construction of the footbridge including closed-circuit television (CCTV), public address (PA) and over-head wire system (OHWS) etc
- Construction of stairs and canopies which form part of the footbridge structure
- Installation and construction of Sydney Trains services, facilities and rooms
- Installation of new lighting, passenger information display system (PIDS), PA, CCTV, ticketing, communications network equipment, ventilation, plumbing and all related systems
- Electrical earthing, bonding protection and stray current mitigation
- Northern/Harris St landscaping, plaza, bike storage, and kerb side transport.



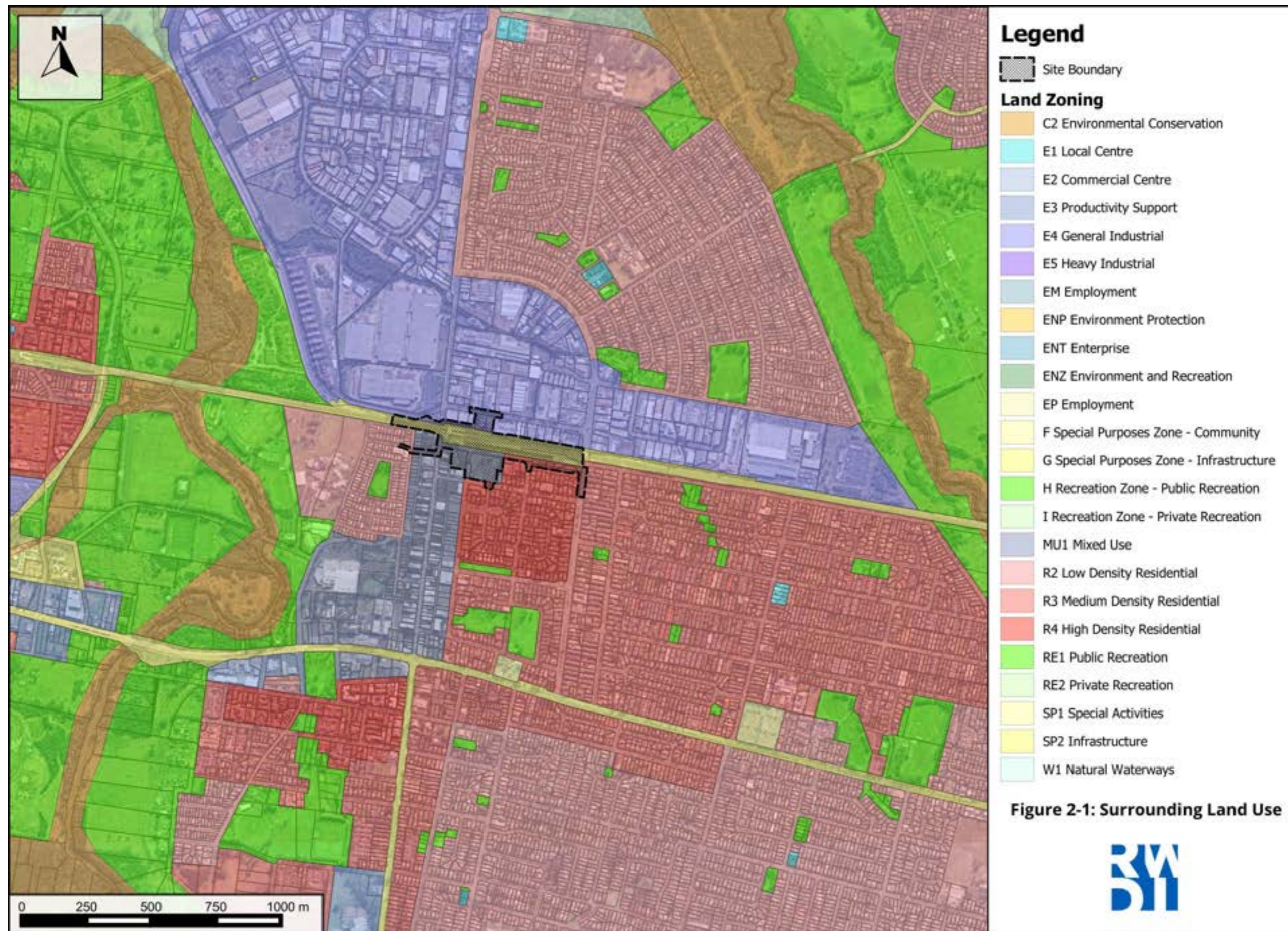
## 2.3 Working Hours

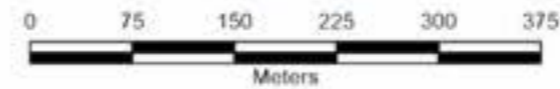
All work on or adjacent to active train lines would be carried out in accordance with a relevant rail possession to facilitate safe work within the rail corridor. The approved project hours are defined in CoA E38 and outlined below:

- 7:00 am to 6:00 pm Mondays to Fridays, inclusive.
- 8:00 am to 1:00 pm Saturdays.
- at no time on Sundays or public holidays.

Where a rail possession cannot be obtained for the above hours and/or proposed works cannot be undertaken safely during these hours, some works will be required to be undertaken outside of standard hours (i.e. Out of Hours Work, OOHW).

All out of hours works (except in emergency situations) will be managed under the Sydney Metro Out of Hours Works Protocol as required under CSSI Condition E42, which applies to out of hours work not subject to an EPL. The OOHW Protocol provides a framework for the management of out of hours works including management of impacts and implementation of respite for impacted residences. The Protocol requires the contractor to prepare an OOH works application for approval by Sydney Metro and the project Environmental Representative (ER).





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Project: Sydney Metro - Western Sydney Airport - Footbridge St Marys (FSM)	
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Spatial Reference Name: GCS GDA 1994	
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Figure 2-2: Project Works Area

## 3 EXISTING ENVIRONMENT

### 3.1 Surrounding Sensitive Receivers

A detailed Land Use Survey was prepared in accordance with CoA E37 to confirm sensitive receivers (including critical working areas such as operating theatres and precision laboratories) potentially exposed to construction noise and vibration and construction ground-borne noise as a result of the Project. **Figure 3-1** presents the location of the site and surrounding sensitive receivers.

Receivers potentially sensitive to noise and vibration have been categorised as residential buildings, commercial/industrial buildings, or 'other sensitive' land uses which includes educational institutions, childcare centres, medical facilities, places of worship, outdoor recreation areas, etc.

This assessment identifies the likely maximum impacts for each receiver in the vicinity of the Project. Some buildings may contain more than one use, for example residential apartments with commercial uses on ground floor. Where this occurs, the building is categorised using the most stringent criteria. Receiver types and locations are shown in **Figure 3-1**. Addresses and usage for receivers shown in **Appendix B**

### 3.2 Noise Catchment Areas

The FSM study area has been divided into two Noise Catchment Areas (NCAs) adapted from the *Sydney Metro Western Sydney Airport - Environmental Impact Statement* (EIS). These NCAs reflect the ambient noise environment of that area, as well as the noise and vibration sensitivity of the surrounding land uses. These two NCAs are described in **Table 3-1** below and presented in **Figure 3-1**.

**Table 3-1: Noise Catchment Areas**

NCA	Description
NCA01	Medium density and multi-storey residential dwellings north of the project at St Marys. Ambient noise conditions are dominated by road and rail traffic noise from Glossop Street and Forrester Road, and the existing Sydney Trains suburban rail network. Includes commercial and industrial receivers along Kurrajong Road and Glossop Street
NCA02	Predominantly medium density single and multi-storey residential dwellings, with commercial receivers located along Queen Street. Ambient noise conditions are dominated by traffic along the existing heavy rail line through St Marys Station, and traffic along Queen Street. Other sensitive receivers include the St Marys Hotel and the Emerald Medical Centre.

### 3.3 Heritage Assets

The following heritage structures have been identified nearby the project site with the potential for impacts:

- **St Marys Railway Station Group** – State Heritage Register and Penrith Local Environmental Plan 2010. The St Marys Railway buildings and structures buildings are good examples of the Colonial Georgian style of late nineteenth century railway architecture. Including:



- **Platforms 1/2 and 3/4** (1888 & 1942-3) – two island platforms with concrete faces and decks topped with asphalt finish. Corrugated metal pitched canopies supported on a steel beam and column frames provide protection over both platforms with the canopy on Platform 3/4 extending around the existing 1888 Waiting Room roof and awning, which remain visible above the new canopy.
- **Platforms 3/4 building** (1888) – St Marys station building is a type 3 second class station building and is constructed of brick with centrally located waiting room flanked by attached two small wings on both ends.
- **Additional structures** Signal Box (1942), the Goods Shed (C.1880), the Footbridge (1942), and the Crane (1943)

### 3.4 Existing Background Noise Levels

An unattended noise monitoring survey was completed by SLR Consulting Australia Pty Ltd between February and March 2020 as part of the Projects EIS to characterise the existing background noise environment surrounding the site.

Noise monitoring was conducted at two representative locations, in NCA01 and NCA02, and continuously measured existing noise levels in 15-minute periods. The measured baseline noise levels were processed according to the *NPfI* requirements to determine the Rating Background Level (RBL) for the daytime, evening, and night-time periods. The results of the unattended noise monitoring are recreated below in **Table 3-2**.

**Table 3-2: Measured Background Noise Levels, dBA**

Location	Address	Period <sup>[2]</sup>	Measured Noise Levels dBA <sup>[1]</sup>	
			L <sub>Aeq,period</sub>	RBL <sup>[2]</sup>
NCA01	12 Cedar Crescent, North St Marys	Day	53	38
		Evening	53	41 (38) <sup>[3]</sup>
		Night	50	40 (38) <sup>[4]</sup>
NCA02	47 Kalang Avenue, St Marys	Day	55	37
		Evening	59	40 (37) <sup>[3]</sup>
		Night	51	36

Note 1: The Rating Background Levels (RBLs) and Ambient (L<sub>Aeq</sub>) noise levels have been obtained from the EIS;

Note 2: The assessment periods are the daytime which is 7 am to 6 pm Monday to Saturday and 8 am to 6 pm on Sundays and public holidays, the evening which is 6 pm to 10 pm, and the night-time which is 10 pm to 7 am on Monday to Saturday and 10 pm to 8 am on Sunday and public holidays. See the NSW EPA Noise Policy for Industry;

Note 3: The evening RBL has been reduced to match the daytime RBL due to the measured evening RBL being higher than the daytime, as outlined in the *NPfI*; and

Note 4: The night-time RBL has been reduced to match the evening RBL due to the measured night-time RBL being higher than the evening, as outlined in the *NPfI*.



### 3.5 Baseline Road Traffic Noise Levels

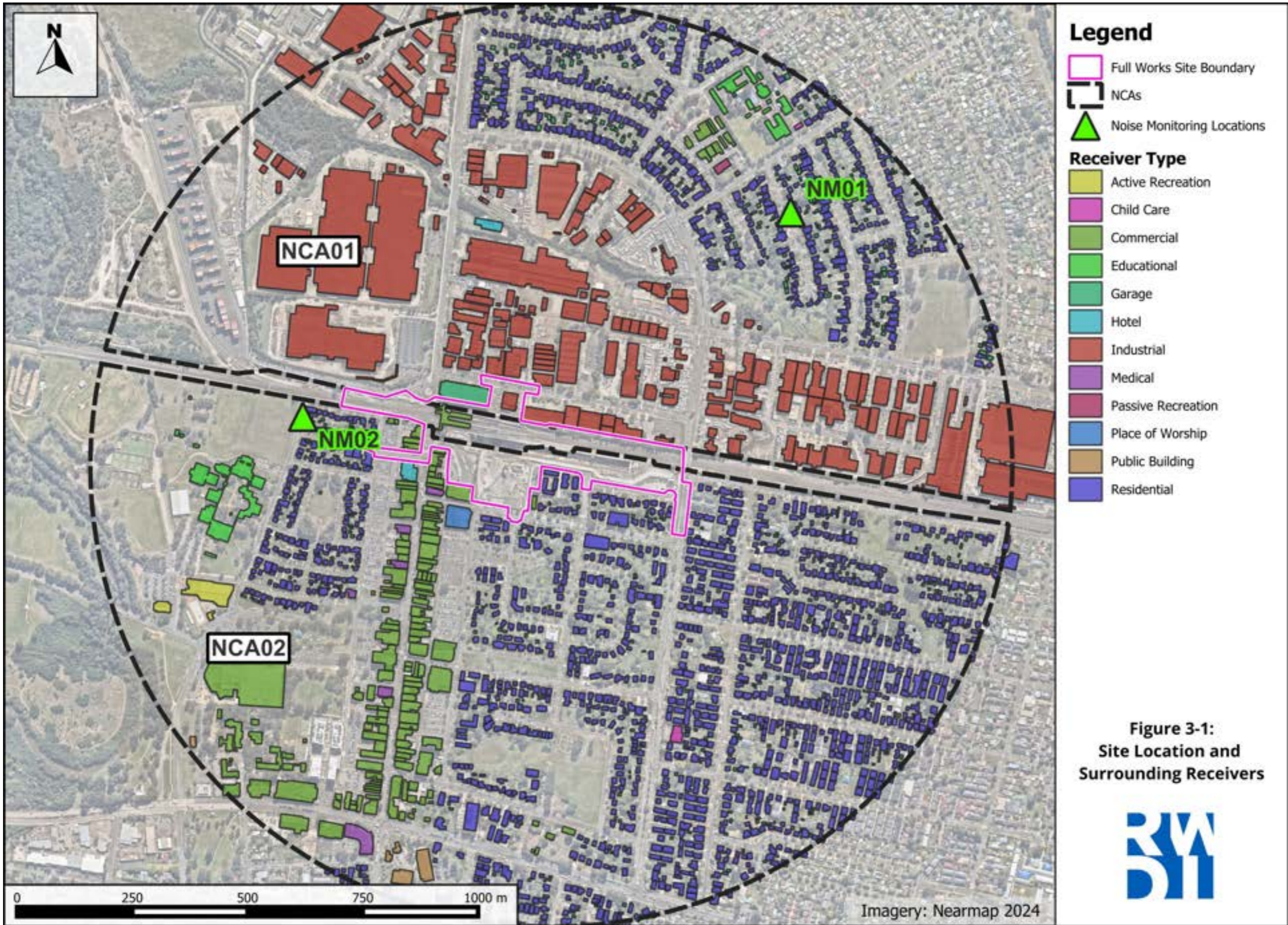
Table 4-31 of the Sydney Metro – Western Sydney Airport Technical Paper 2: Noise and Vibration presents predicted baseline road traffic noise levels for the road network surrounding the Sydney Metro Western Sydney Airport project. Of the road sections considered, Glossop Street and Great Western Highway are most relevant to FSM. The predicted baseline road traffic noise levels for these sections are presented in **Table 3-3** below.

**Table 3-3: Baseline Road Traffic Volumes and Noise Level**

Road	Traffic Volume				Noise level	
	Day <sup>1</sup>		Night <sup>2</sup>		Day	Night
	Total Vehicles	HV%	Total Vehicles	HV%		
<b>Glossop Street (north of the Great Western Highway)</b>	18556	8%	3275	7%	66	60
<b>Great Western Highway (east of Queen St)</b>	37576	9%	6631	5%	65	60

Note 1: Day is 7am-10pm

Note 2: Night is 10pm-7am





## 4 CONSTRUCTION NOISE CRITERIA

### 4.1 Interim Construction Noise Guideline

The *Interim Construction Noise Guideline* (ICNG) provides the noise goals for construction noise to be achieved for the Project.

Standard construction hours per the *ICNG* are typically Monday to Friday 7.00am-6.00pm, and Saturday 8.00am-1.00pm.

On this basis and specifically for residences, the construction Noise Management Level (NML) is that the noise should not exceed the RBL by more than 10 dBA.

It should be noted, the NML are considered as guidelines and not necessarily numeric noise levels to be complied with. The *ICNG* also prescribes a noise limit of 75 dBA. This limit represents the likelihood of a strong reaction from surrounding receivers. **Table 4-1** presents the application of the NML.

**Table 4-1: Noise at Residences using Quantitative Assessment**

Time	NML	How to Apply
<b>Recommended Standard Hours:</b> Mon to Fri: 7am-6pm Sat: 8am-1pm Sun/Public Holidays: No Work	Noise Affected RBL + 10 dB	The noise affected level represents the point above which there may be some community reaction to noise. <ul style="list-style-type: none"> <li>Where the predicted or measure <math>L_{Aeq}</math> is greater than the noise affected level, the proponent should apply all feasible and reasonable work practices to meet the noise affected level.</li> <li>The proponent should also inform all potentially affected residents of the nature of works to be carried out, the expected noise levels and duration, as well as contact details.</li> </ul>
	Highly Noise Affected 75 dBA	The highly noise affected level represents the point above which there may be strong community reaction to noise. Where noise is above this level, the relevant authority (consent, determining or regulatory) may require respite periods by restricting the hours the very noisy activities can occur, taking into account: <ol style="list-style-type: none"> <li>Times identified by community when they are less sensitive to noise (such as before and after school for works near schools, or mid-morning, mid-afternoon for works near residences.</li> <li>If the community is prepared to accept a longer period of construction in exchange for restrictions on construction times.</li> </ol>

Time	NML	How to Apply
<b>Outside Recommended Standard Hours</b>	Noise affected RBL + 5 dB	A strong justification would typically be required for works outside the recommended standard hours. The proponent should apply all feasible and reasonable work practices to meet the noise affected level. Where all feasible and reasonable practises have been applied and noise is more than 5 dB above the noise affected level, the proponent should negotiate with the community.

Based on the recommended NMLs, **Table 4-2** presents the applicable NMLs for construction activities for residential receivers.

**Table 4-2: Construction NML for Residential Receivers,  $L_{Aeq,15min}$  dBA**

NCA	Standard Hours	Out-of-Hours Works		
	Day	Day	Evening	Night
<b>NCA01</b>	48	43	43	43
<b>NCA02</b>	47	42	42	41

**Table 4-3** presents the applicable noise management levels for non-residential receivers. These NMLs have been derived from the ICNG

**Table 4-3: Construction NML for Non-residential Receivers,  $L_{Aeq,15min}$  dBA**

Land Use	Period	NML External $L_{Aeq,15min}$ dBA
<b>Industrial Premises</b>	When in use	75
<b>Commercial</b>	When in use	70
<b>Education</b>	When in use	55 <sup>1</sup>
<b>Places of Worship</b>	When in use	55 <sup>1</sup>
<b>Active Recreation Areas</b>	When in use	65
<b>Passive Recreation Areas</b>	When in use	60
<b>Medical</b>	When in use	65 <sup>2</sup>
<b>Child Care Centre (sleeping areas)</b>	When in use	50 <sup>1</sup>
<b>Hotel</b>	Day/Evening	70 <sup>2</sup>
	Night	60 <sup>2</sup>

Note 1: A typical 10 dB outside to inside reduction for a partially opened window has been assumed for an external noise limit.

Note 2: A 20 dB outside to inside reduction for fixed windows have been assumed for these receivers.



## 4.2 Sleep Disturbance

Noise sources of short duration and high level that may cause disturbance to sleep if occurring during the night-time need to be considered.

The approach recommended by the *NPfI* is to apply the following initial screening noise levels:

- $L_{Aeq,15min}$  40 dBA or the prevailing RBL + 5 dB, whichever is the greater; and/or
- $L_{AFmax}$  52 dBA or the prevailing RBL + 15 dB, whichever is the greater.

The sleep disturbance screening noise levels apply outside bedroom windows during the night period. It should be noted, the sleep disturbance criteria apply to all residential receivers.

**Table 4-4: Sleep Disturbance Screening Level**

NCA	RBL	Sleep Disturbance Screening Level, $L_{AFmax}$ dB
NCA01	38	53
NCA02	36	52

Additional guidance is provided by the NSW Road Noise Policy (RNP) relating to potential sleep disturbance impacts. According to the RNP, research on sleep disturbance indicates that in some circumstances, higher noise levels may occur without significant sleep disturbance. Based on currently available research results, the RNP concludes that:

- “Maximum internal noise levels below 50 dBA to 55 dBA are unlikely to cause awakening reactions.”
- “One or two noise events per night, with maximum internal noise levels of 65 dBA to 70 dBA, are not likely to affect health and wellbeing significantly.”

## 4.3 Construction Road Traffic Noise Criteria

Additional traffic movements will result from the construction works.

The *RNP* is considered by RWDI to be the most suitable guideline to assess potential impacts at residences from both construction and operational traffic noise.

Considering all the variety of development categories within the *RNP*, the relevant criteria are summarised in **Table 4-5**.

**Table 4-5: Road Traffic Noise Criteria – Residences**

Type of Development	Assessment Criteria	
	Day (7am–10pm)	Night (10pm–7am)
<b>Existing residences affected by additional traffic on existing freeways / arterial / sub-arterial roads generated by land use developments</b>	L <sub>Aeq,15 hour</sub> 60 (external)	L <sub>Aeq,9 hour</sub> 55 (external)
<b>Existing residences affected by additional traffic on existing local roads generated by land use developments</b>	L <sub>Aeq,1 hour</sub> 55 (external)	L <sub>Aeq,1 hour</sub> 50 (external)

In addition, for existing residences and other sensitive land uses affected by additional traffic on existing roads and where the criterion is exceeded, any increase in the total traffic noise level should preferably be limited to 2 dB. The *RNP* considers that a 2 dB increase is typically not noticeable.

It is worthy to note that the EPA defines periods for on-site noise differently to that defined for road traffic (along the road network). For road traffic noise along the road network, the daytime period is defined as the time between 7 am and 10 pm and night-time is between 10 pm and 7 am.



## 4.4 Ground-borne Noise

Ground-borne or regenerated noise is noise generated by vibration transmitted through the ground into a structure that may lead to noise “regenerated” within a space in the building. The Construction Noise and Vibration Strategy provides criteria for both residential and commercial receivers, at various time periods. The ground-borne noise criteria are presented in **Table 4-6**.

**Table 4-6: Ground-borne Noise Management Levels**

Period	Receiver	L <sub>Aeq,15min</sub> (Internal)
Day (7.00am-6.00pm)	Residential	45
	Commercial	50
Evening (6.00pm-10.00pm)	Residential	40
Day (10.00pm-7.00pm)	Residential	35

The CNVS states that these criteria are only applicable when ground-borne noise levels are higher than the airborne noise levels.



## 5 CONSTRUCTION VIBRATION CRITERIA

### 5.1 General Cosmetic Damage Vibration Goals

Vibration due to construction has the potential to cause damage, both cosmetic and structural, to surrounding buildings. In accordance with CoA E43 the *German Standard DIN 4150-3: Structural Vibration- effects of vibration on structures* is to be applied when assessing the potential for building damage.

The vibration guide values for building damage for typical buildings as outline in *DIN 4150-3-1999* are provided in **Table 5-1**.

**Table 5-1: Vibration Guide Values for Building Damage – DIN 4150-3**

Structure	Guideline values for velocity – mm/s (peak)			
	At foundation at a frequency of			Top storey (horizontal)
	1 to 10 Hz	10 to 50 Hz	50 to 100 Hz	All frequencies
<b>Residential</b>	5	5 to 15	15 to 20	15
<b>Commercial/Industrial</b>	20	20 to 40	40 to 50	40
<b>Vibration Sensitive Structures such as Heritage Structures</b>	3	3 to 8	8 to 10	8

These values are generally considered very conservative for Australian buildings. Alternative values for vibration goals are found in the *British Standard BS 7385-2:1993*. CoA E43 requires these vibration criteria be applied “as applicable to Australian Conditions”. The building damage vibration goals from this standard are summarised in **Table 5-2**.

**Table 5-2: Vibration Guide Values for Building Damage – BS 7385-2**

Type of building	Peak Particle Velocity (PPV in mm/s) in the frequency range of predominant pulse	
	4 Hz to 15 Hz	15 Hz & above
<b>Reinforced or framed structures Industrial and heavy commercial buildings</b>	50 mm/s at 4 Hz and above	-
<b>Unreinforced or light framed structures Residential or light commercial type buildings</b>	15 mm/s at 4 Hz increasing to 20 mm/s at 15 Hz	20 mm/s at 15 Hz increasing to 50 mm/s at 40 Hz and above

The British Standard states that “A building of historical value should not (unless it is structurally unsound) be assumed to be more sensitive.”

Additionally, the CNVS provides screening criteria for construction activities that have the potential to cause building damage. These criteria, based on a conservative 50% of the British Standard BS 7385-2:1993 levels, measured as Peak Component Particle Velocity (PCPV), are:

- Reinforced or framed structures: 25.0 mm/s
- Unreinforced or light framed structures: 7.5 mm/s

## 5.2 Heritage Buildings or Structures Vibration Goals

The CNVS suggests that heritage structures should not be assumed to be more sensitive to vibration sources and should be assessed by the same screening criteria, unless they are found to be structurally unsound after inspection. If a heritage structure is found to be structurally unsound, screening criteria of 2.5 mm/s PCPV apply.

At locations where measured vibration levels are greater than shown above, a more detailed analysis of the building structure, vibration source, dominant frequency and dynamic characteristics of the structure would be required to determine the applicable safe vibration levels.

The *St Marys Station: Enabling Works – Heritage Management Procedure* also provides conservative general vibration screening levels (Peak Particle Velocity [PPV]) for heritage buildings:

- Reinforced or framed structures: 10 mm/s
- Unreinforced or light framed structures: 5 mm/s

The heritage structures that form part of the St Marys Railway Station Group are classified with ‘Good’ physical condition on the state heritage inventory and are therefore not deemed structurally unsound, or more sensitive to vibration. As such, the vibration screening levels prescribed in the *St Marys Station: Enabling Works – Heritage Management Procedure* have been adopted for this assessment.

## 5.3 Human Comfort Vibration Goals

In accordance with *Assessing vibration: A technical guide* (DEC, 2006), human comfort levels relating to vibration from continuous, impulsive and intermittent sources are measured as a Vibration Dose Value (VDV).

In the context of impact to human comfort continuous, impulsive and intermittent sources are defined within *Assessing Vibration: A Technical Guide* (DEC NSW 2006) as:

- Continuous vibration continues uninterrupted for a defined period (usually throughout daytime and/or night time).
- Impulsive vibration is a rapid build up to a peak followed by a damped decay that may or may not involve several cycles of vibration (depending on frequency and damping). It can also consist of a sudden application of several cycles at approximately the same amplitude, providing that the duration is short, typically less than 2 seconds. Impulsive vibration will be experienced on no more than three occurrences in an assessment period.

- Intermittent vibration can be defined as interrupted periods of continuous (e.g. a drill) or repeated periods of impulsive vibration (e.g. a pile driver), or continuous vibration that varies significantly in magnitude. It may originate from impulse sources (e.g. pile drivers and forging presses) or repetitive sources (e.g. pavement breakers), or sources which operate intermittently, but which would produce continuous vibration if operated continuously (for example, intermittent machinery, railway trains and traffic passing by).

**Table 5-3** indicates the preferred and maximum Vibration Dose Value for intermittent vibration.

**Table 5-3: Vibration Dose Value goals**

Place	Time	Vibration Dose (m/s <sup>1.75</sup> )	
		Preferred	Maximum
Residences	Daytime	0.20	0.40
	Night time	0.13	0.26
Offices	Day or night time	0.40	0.80
Workshops	Day or night time	0.80	1.60

It is not always practical to measure VDV during construction works, as the calculation relies upon duration, intensity and characteristic frequency of the measured vibration events throughout a work day.

In some cases, it may be necessary to relate to an instantaneous measurement, such as Peak Particle Velocity (PPV). Appendix C of Assessing vibration: A technical guide (DEC, 2006) provides guidance on relating measurements of continuous and impulsive vibration to PPV. The criteria are included within **Table 5-4**.

**Table 5-4: Criteria for exposure to continuous and impulsive vibration**

Place	Time	Peak Particle Velocity (mm/s)	
		Preferred	Maximum
<b>Continuous Vibration</b>			
Residences	Day	0.28	0.56
	Night	0.20	0.40
Offices	Day or Night	0.56	1.1
Workshops	Day or Night	1.1	2.2
<b>Impulsive Vibration</b>			
Residences	Day	8.6	17.0
	Night	2.8	5.6
Offices	Day or Night	18.0	36.0
Workshops	Day or Night	18.0	36.0

## 5.4 Sensitive Scientific Equipment

Some scientific equipment, such as electron microscopes and microelectronics manufacturing equipment, can require more stringent vibration objectives. Other sensitive equipment used for various business requirements, such as medical equipment, may also have specific vibration goals. Vibration sensitive equipment is, however, often housed in buildings/rooms specifically designed and constructed for that purpose, which can help mitigate any potential impacts.

The following receivers nearby the FSM project site have been identified to potentially contain Sensitive Scientific or Medical Equipment:

- Emerald Medical Centre - 65A Queen Street, Belar St, St Marys NSW 2760
- Autopak-Vetlab Group - 39 Harris St, St Marys NSW 2760.

Where manufacturer's data is not available, generic vibration criterion (VC) curves as published by the Society of Photo-Optical Instrumentation Engineers may be adopted as vibration goals. These generic VC curves are presented in **Table 5-5** below.

**Table 5-5: VC Curves for Vibration Sensitive Equipment**

Criterion Curve	Max Level ( $\mu\text{m/s, RMS}$ ) <sup>1</sup>	Detail Size (Microns) <sup>2</sup>	Description of Use
<b>VC-A</b>	50	8	Adequate in most instances for optical microscopes to 400X, microbalances, optical balances, proximity and projection aligners, etc.
<b>VC-B</b>	25	3	An appropriate standard for optical microscopes to 1000X, inspection and lithography equipment (including steppers) to 3 micron line widths.
<b>VC-C</b>	12.5	1	A good standard for most lithography and inspection equipment to 1 micron detail size.
<b>VC-D</b>	6	0.3	Suitable in most instances for the most demanding equipment including electron microscopes (TEMs and SEMs) and E-Beam systems, operating to the limits of their capability.
<b>VC-E</b>	3	0.1	A difficult criterion to achieve in most instances. Assumed to be adequate for the most demanding of sensitive systems including long path, laser- based, small target systems and other systems requiring extraordinary dynamic stability.

Note 1: As measured in one-third octave bands of frequency over the frequency range 8 to 100 Hz.

Note 2: The detail size refers to the line widths for microelectronics fabrication, the particle (cell) size for medical and pharmaceutical research, etc. The values given take into account the observation requirements of many items depend upon the detail size of the process.

## 6 NOISE ASSESSMENT

### 6.1 Construction Scenarios

Noise modelling scenarios have been determined based on key FSM project noise generating stages, supplied by the FSM project team. A summary of construction work periods and schedule required for each scenario is shown in **Table 6-1**, as per the working hours defined in CoA E38, Section 2.3. A detailed description of each work scenario is provided in **Table 6-2**.

**Table 6-1: Scenarios and Programme**

ID	Scenario	Hours of Work				Indicative Start Date	Likely Duration
		Standard	Out of Ours				
		Day <sup>2</sup>	Day <sup>2</sup>	Evening <sup>3</sup>	Night <sup>4</sup>		
W.001 <sup>1</sup>	Site establishment	-	-	-	-	Complete	-
W.002	Demolition and removal of all existing structures	✓	✓	✓	✓	May 2023	30 months
W.003	Construction of footbridge - Piling	✓	✓	✓	✓	Complete	-
W.004	Construction of footbridge - Excavation & FRP (substructure)	✓	✓	✓	✓	Aug 2024	7 months
W.005	Construction of footbridge - Scaffold & FRP (superstructure)	✓	✓	✓	✓	Mar 2025	3 months
W.006	Construction of footbridge - Install of precast/prefab elements	✓	✓	✓	✓	Feb 2025	7 months
W.007	Installation of lifts	✓	✓	✓	✓	Jan 2026	6 months
W.008	Modifications to existing Sydney Trains assets	✓	✓	✓	✓	Apr 2026	3 months
W.009	Construction of stairs and canopies	✓	✓	✓	✓	Dec 2025	6 months
W.010	Installation/construction of Sydney Trains services, facilities, rooms and systems	✓	✓	✓	✓	Mar 2026	4 months
W.011	Northern/Harris St work	✓	✓	✓	✓	Feb 2026	6 months
W.012	Demobilisation	✓	✓	✓	✓	Aug 2026	1 month

Note 1: This Stage has been completed and will not be considered further in this DNVIS.

Note 2: Daytime out of hours is 7 am to 8 am and 1 pm to 6 pm on Saturday, and 8 am to 6 pm on Sunday and public holidays.

Note 3: Evening is 6 pm to 10 pm Mondays to Saturdays.

Note 4: Night is 10 pm to 7 am for Mondays to Saturdays and 6 pm to 8 am for Sundays and public holidays.

**Table 6-2: Work Scenario Descriptions**

ID	Scenario	Description
W.001	Site establishment	Establishment of the work site including: Hoarding installation, tree trimming and removal, temporary relocation of street furniture, installation of temporary site facilities and geotechnical investigations.
W.002	Demolition and removal of all existing structures	Demolition and removal of existing structures to ground level including: current stairs and canopy, current lift shaft structures.
W.003	Construction of footbridge - Piling	Piling for construction of the new footbridge structure.
W.004	Construction of footbridge - Excavation & FRP (substructure)	Excavation for new footbridge foundation and FRP (from reo pour – concrete works).
W.005	Construction of footbridge - Scaffold & FRP (superstructure)	Scaffolding for new footbridge structure and FRP (from reo pour – concrete works).
W.006	Construction of footbridge - Install of precast/prefab elements	Installation of precast/prefabricated elements of the new footbridge structure.
W.007	Installation of lifts	Construction and installation of new lift structure and lift electronics for the footbridge.
W.008	Modifications to existing Sydney Trains assets	Modifications to existing Sydney Trains assets to enable the construction of the footbridge including relocation of Guards Indicators, Closed-Circuit Television (CCTV), Public Address (PA), Over Head Wire System (OHWS), drainage and utility infrastructure, lighting, and platform furniture.
W.009	Construction of stairs and canopies	Construction and installation of new stairs and canopies that form part of the footbridge structure.
W.010	Installation of Sydney Trains services, facilities, rooms and systems	Installation and construction of Sydney Trains services, facilities and rooms including: installation of new lighting, passenger information display system (PIDS), PA, CCTV, ticketing, communications network equipment, ventilation, plumbing and all related systems in accordance with Sydney Trains and Australian Standards. Electrical earthing, bonding protection and stray current mitigation
W.011	Northern/Harris St work	Northern/Harris St landscaping, plaza, bike storage, kerb side transport.
W.012	Demobilisation	Removal of hoarding, reinstate street furniture,

## 6.2 Construction Source Noise Levels

The assessment uses ‘realistic worst-case’ scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario, as required by the ICNG. Sound power levels (SWL) for the construction equipment used in the modelling are listed in **Table 6-3**.



Table 6-3: Scenario Noise Source Levels

Item	Sound Power Level		% time operating	W.002	W.003	W.004	W.005	W.006	W.007	W.008	W.009	W.010	W.011	W.012
	Leq	LAFmax												
Crane - Mobile	107	110	30	1	1	1	2	2	2		2	1	1	
Crane truck	98	110	30		1	1	1	1	1	1	1			1
Lighting Tower	80	80	100		2	2	2	2	2	2	2	2	2	
Light Vehicle (accelerating)	95	100	25	4	4	4	4	4	4	4	4	4	4	4
Concrete agitator truck	109	112	100			1	1		1			1	1	
Concrete pump truck	108	111	100			1	1		1			1	1	
Elevated Work Platform	97	97	25	1	1		1	2	3	2	2	2	1	1
Excavator - Tracked (5-12t)	100	105	100	1	1	4			1				2	
Excavator + Hammer (5-12t) <sup>1</sup>	118	123	30	1		1							1	
Generator - attenuated	92	92	100	1	1	1	1	1	1	1	1	1	1	1
Piling Rig - Bored	108	110	100		4								1	
Roller - Vibratory <sup>1</sup>	109	114	100										1	
Saw - Concrete <sup>1</sup>	118	123	30	1	1	1	1	1	1	1	1	1	1	1
Truck - Dump	110	113	25			4								
Truck - Medium Rigid (20t)	103	106	25	4	4	2	2	4	2		2	4	2	4
Truck - truck & dog (30t)	108	111	25											2
Truck - Vacuum	109	112	100	1									1	



Item	Sound Power Level		% time operating	W.002	W.003	W.004	W.005	W.006	W.007	W.008	W.009	W.010	W.011	W.012
	L <sub>eq</sub>	L <sub>AFmax</sub>												
Hand tools (electric)	102	105	50	1	1	1	1	2	1	2	2	2	1	2
Telehandler	100	100	100						4		1			
Roller - Non vibratory	104	107	100			1								
Hydrema	109	112	25		3	3	3	3				2	2	
Wacker Packer	108	111	30		2	2	2	2				2	2	
Rattle Gun	108	113	50				2	2	2		2	2		
<b>Total L<sub>eq</sub></b>				<b>117</b>	<b>118</b>	<b>118</b>	<b>116</b>	<b>116</b>	<b>115</b>	<b>113</b>	<b>115</b>	<b>116</b>	<b>119</b>	<b>114</b>
<b>Highest L<sub>AFmax</sub></b>				<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>

Note 1: Equipment classed as 'annoying' in the ICNG and includes a 5 dB correction.

Note 2: Individual sound power levels have been adopted from the Sydney Metro CNVS, TfNSW *Construction Noise and Vibration Strategy*, Australian Standard (AS) 2436, DEFRA Noise Database, and British Standard (BS) 5228-1:2008+A1:2014.



## 6.3 Construction Noise Modelling

Site related noise emissions were modelled using the CadnaA Ver2023 noise prediction software implementing the ISO 9613 algorithm. To complete this, a representative 3-D model within the software was constructed of the site and surrounding receivers. Factors that are addressed in the modelling are:

- equipment sound level emissions (in octave bands) and locations;
- screening effects from buildings and barriers;
- receiver locations;
- ground topography;
- meteorological effects;
- noise attenuation due to geometric spreading; and
- ground absorption and atmospheric absorption.

## 6.4 Predicted Construction Noise Levels

A summary of the number of buildings where NML exceedances were predicted for the various construction scenarios is shown in **Table 6-4** and **Table 6-5**. **Appendix A** presents maps of these predicted impacts. No residential receivers are expected to experience noise levels above the “Highly Affected” threshold of 75 dBA. **Appendix B** presents predicted noise levels for all receivers for all construction scenarios.

Works for all scenarios are expected to occur outside standard working hours. The OOH works are likely to occur during daytime, evening and night-time. Accordingly, the NML for OOH works in the table is for night-time, as this assesses the worst potential impact.

It should be noted that the predictions are presented for a worst-case scenario where all equipment are operating for all or part of the  $L_{Aeq,15min}$  period. In reality, there would be periods where construction noise levels would be much lower, as well as periods where no equipment would be in use.

$L_{Amax}$  predictions considers the cumulative of the  $L_{Aeq}$  level and the  $L_{Amax}$  level from the maximum noise event. Predictions indicate that the sleep disturbance screening criteria would be exceeded by up to 12 dB for all work scenarios.  $L_{Amax}$  predictions were based off the usage of the concrete saw or hydraulic hammer. When these activities are not in use, the received  $L_{Amax}$  noise level would be at least 5 dB lower.  $L_{Amax}$  levels were not predicted to exceed the RNP screening level of 65 dBA for any of the work scenarios.

Assuming a typical 10 dB attenuation from a partially opened window, internal noise levels from  $L_{Amax}$  events could be up to 54 dB at the closest residential receivers. The RNP notes that “*Maximum internal noise levels below 50 dBA to 55 dBA are unlikely to cause awakening reactions*”.

The number of  $L_{Amax}$  events would depend on the usage of the high intensive plant (i.e. concrete saw or hydraulic hammer). These activities have conservatively been assumed to be in use for 30% of the night period. However, based on the predicted noise level, there could a lower number of awakening reactions.

Recommendations for mitigation and management are provided in Section 8.

Table 6-4: Overview of NML Exceedances, Residential Receivers

ID	Scenario	HNA <sup>1</sup>	Number of Receivers Exceeding NMLs <sup>2</sup>																Sleep Disturbance	
			Approved Hours				Out of Hours													
			Day				Day				Evening				Night				NPfl 52 dBA	RNP 65 dBA
			1-10 dB	11-20 dB	21-30 dB	>30 dB	1-10 dB	11-20 dB	21-30 dB	>30 dB	1-10 dB	11-20 dB	21-30 dB	>30 dB	1-10 dB	11-20 dB	21-30 dB	>30 dB		
W.002	Demolition and removal of all existing structures	0	68	0	0	0	239	9	0	0	239	9	0	0	272	15	0	0	62	0
W.003	Piling	0	93	0	0	0	263	15	0	0	263	15	0	0	326	24	0	0	74	0
W.004	Excavation & FRP (substructure)	0	119	1	0	0	306	18	0	0	306	18	0	0	352	28	0	0	82	0
W.005	Scaffold & FRP (superstructure)	0	175	7	0	0	371	48	0	0	371	48	0	0	391	66	2	0	112	0
W.006	Install of precast/prefab elements	0	164	7	0	0	359	38	0	0	359	38	0	0	376	59	0	0	108	0
W.007	Installation of lifts	0	149	6	0	0	347	31	0	0	347	31	0	0	369	51	0	0	99	0
W.008	Modifications to existing Sydney Trains assets	0	12	0	0	0	86	0	0	0	86	0	0	0	122	0	0	0	43	0
W.009	Construction of stairs and canopies	0	134	6	0	0	318	28	0	0	318	28	0	0	352	41	0	0	95	0
W.010	Sydney Trains services, facilities, rooms and systems	0	74	0	0	0	213	13	0	0	213	13	0	0	208	18	0	0	65	0
W.011	Northern/Harris St	0	129	1	0	0	310	24	0	0	310	24	0	0	302	32	0	0	83	0
W.012	Demobilisation	0	20	0	0	0	98	0	0	0	98	0	0	0	129	1	0	0	43	0
W.013	W.003 + W.004	0	203	9	0	0	462	50	0	0	462	50	0	0	505	75	0	0	130	0
W.014	W.003 + W.011	0	206	9	0	0	414	60	0	0	414	60	0	0	485	82	0	0	133	0

Note 1: Highly noise affected, based on ICNG definition (i.e. predicted L<sub>Aeq(15minute)</sub> noise at residential receiver is 75 dBA or greater).

Note 2: Based on worst-case predicted noise levels.

Table 6-5 Overview of NML Exceedances, Non-residential Receivers

ID	Scenario	HNA <sup>1</sup>	Number of Receivers Exceeding NMLs <sup>2</sup>																Sleep Disturbance	
			Approved Hours				Out of Hours													
			Day				Day				Evening				Night					
			1-10 dB	11-20 dB	21-30 dB	>30 dB	1-10 dB	11-20 dB	21-30 dB	>30 dB	1-10 dB	11-20 dB	21-30 dB	>30 dB	1-10 dB	11-20 dB	21-30 dB	>30 dB	NPfl 52 dBA	RNP 65 dBA
W.002	Demolition and removal of all existing structures	-	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	-	-
W.003	Piling	-	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	-	-
W.004	Excavation & FRP (substructure)	-	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	-	-
W.005	Scaffold & FRP (superstructure)	-	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	-	-
W.006	Install of precast/prefab elements	-	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	-	-
W.007	Installation of lifts	-	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	-	-
W.008	Modifications to existing Sydney Trains assets	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
W.009	Construction of stairs and canopies	-	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	-	-
W.010	Sydney Trains services, facilities, rooms and systems	-	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	-	-
W.011	Northern/Harris St	-	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0	0	-	-
W.012	Demobilisation	-	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	-	-
W.013	W.003 + W.004	-	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	-	-
W.014	W.003 + W.011	-	3	0	0	0	3	0	0	0	3	0	0	0	3	0	0	0	-	-

Note 1: Highly noise affected, based on ICNG definition (i.e. predicted LAeq(15minute) noise at residential receiver is 75 dBA or greater).

Note 2: Based on worst-case predicted noise levels.

## 6.5 Road Traffic Noise

The FSM project has the potential to generate up to 576 light vehicle movements and 384 heavy vehicle movements per day. That would be a total of 960 vehicle movements (in and out) per day during peak traffic generating periods. The proposed construction traffic route to and from the site passes residential receivers along the Great Western Highway and Glossop Street. A summary of the vehicle data for the assessment and predicted increase in traffic noise levels are shown in **Table 6-6**.

**Table 6-6: Change in Road Traffic Noise Level**

Road Name	Vehicle type	Existing Traffic Volumes <sup>1</sup>		Project Traffic Volumes		Change in Noise Level (dBA)	
		Day <sup>2</sup>	Night <sup>3</sup>	Day	Night	Day	Night
Glossop Street	Light Vehicles	15,216	3,046	360	216	≤0.2	≤1.1
	Heavy Vehicles	3,340	229	240	144		
Great Western Hwy	Light Vehicles	34,194	6,299	360	216	≤0.2	≤0.7
	Heavy Vehicles	3,382	332	240	144		

Note 1: Existing traffic volumes adopted from Sydney Metro Western Sydney Airport EIS (Technical Paper 2 - Noise and Vibration).

Note 2: Day is 7am-10pm

Note 3: Night is 10pm-7am

**Table 6-6** indicates that the road traffic noise level could increase by up to 1.1 dB due to construction generated road traffic. This change in noise level is generally not perceptible to the average person. Furthermore, the existing road traffic noise levels are above the relevant road traffic noise criteria. On this basis, no noise impact is expected.

## 6.6 Ground-borne Noise

The CNVS states that these criteria are only applicable when ground-borne noise levels are higher than the airborne noise levels.

All the works previously identified with the potential to cause vibration impacts are surface works. Levels within receiver buildings are predicted to be very low, and below the ground-borne noise management levels. Importantly, in these cases noise impacts from airborne noise will be worse than ground-borne noise. A detailed ground-borne noise assessment is not required.

## 7 VIBRATION ASSESMENT

### 7.1 Summary of Vibration Intensive Works

Plant with the potential for vibration impacts that will be used during this project include:

- Vibratory roller;
- Bored piling rig; and
- Excavators, particularly with hammer attachment.

The Transport for NSW *Construction Noise and Vibration Strategy* suggests safe working distances between items of plant used for construction and vibration sensitive receivers. If these safe working distances are maintained, no adverse impacts from vibration intensive works are likely to occur at receivers in terms of human response or cosmetic damage. The safe working distances for plant items relevant to this assessment are presented in **Table 7-1**. The full extract can be found in Appendix D of the Transport for NSW *Construction Noise and Vibration Strategy*.

**Table 7-1: Safe Working Distances of Vibration Intensive Equipment**

Plant Item	Rating/Description	Minimum Distance		
		Cosmetic Damage		Human Comfort (NSW EPA Guideline)
		Residential and Light Commercial (BS 7385)	Heritage Items (DIN 4150, Group 3)	
<b>Vibratory Roller</b>	<50 kN (1–2 tonne)	5 m	11 m	15 m to 20 m
	<100 kN (2–4 tonne)	6 m	13 m	20 m
<b>Small Hydraulic Hammer</b>	300 kg (5 to 12 t excavator)	2 m	5 m	7 m
<b>Medium Hydraulic Hammer</b>	900 kg (12 to 18 t excavator)	7 m	15 m	23 m
<b>Piling Rig – Bored</b>	≤ 800 mm	2 m (nominal)	5 m	7 m
<b>Jackhammer</b>	Hand held	1 m (nominal)	3 m	2 m

The minimum working distances are indicative only and will vary depending on the particular item of plant being used, the type and age of the receiving build, the dominant frequency of the construction vibration levels and the local ground conditions. Where vibration activities are to occur within the minimum distances alternate methodology should be considered where feasible and reasonable or attended vibration measurements are undertaken at the start of works to verify the site-specific minimum working distances.

## 7.2 Vibration Assessment

Vibration intensive items of equipment that would be required during the FSM project include small vibratory roller (ie 1-2 tonne), small hydraulic hammer (ie 5 – 12t excavator) and Bored piling rig. These items of equipment are required during *W.002 – Demolition and removal of all existing structures*, *W.003 – Construction of footbridge – Piling*, and *W.011 – Northern/Harris St work*.

The minimum working distances for vibration intensive work associated with the FSM project are shown in **Table 7-1**. Where vibration intensive work is undertaken at greater distances, impacts are not considered likely.

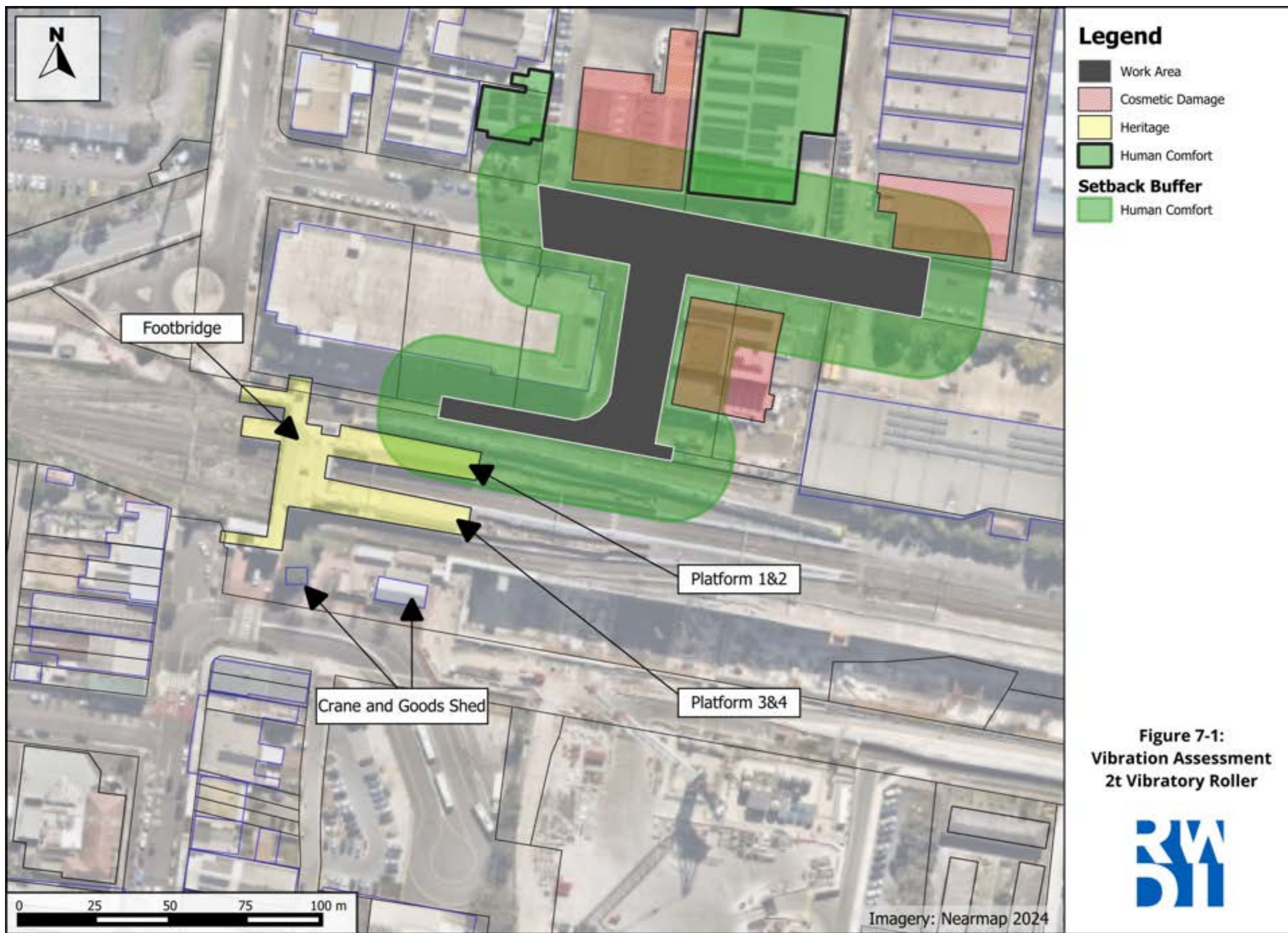
The predicted impacts during vibration intensive works are shown for small vibratory rollers in **Figure 7-1**, small hydraulic hammers in **Figure 7-2**, and bored piling rig in **Figure 7-3**. These figures show sensitive receiver and heritage structure locations relative to the works and zone of impacts. The predictions are representative of the highest vibration levels that would likely be experienced by the nearest receivers and heritage structures when works are at their closest to these.

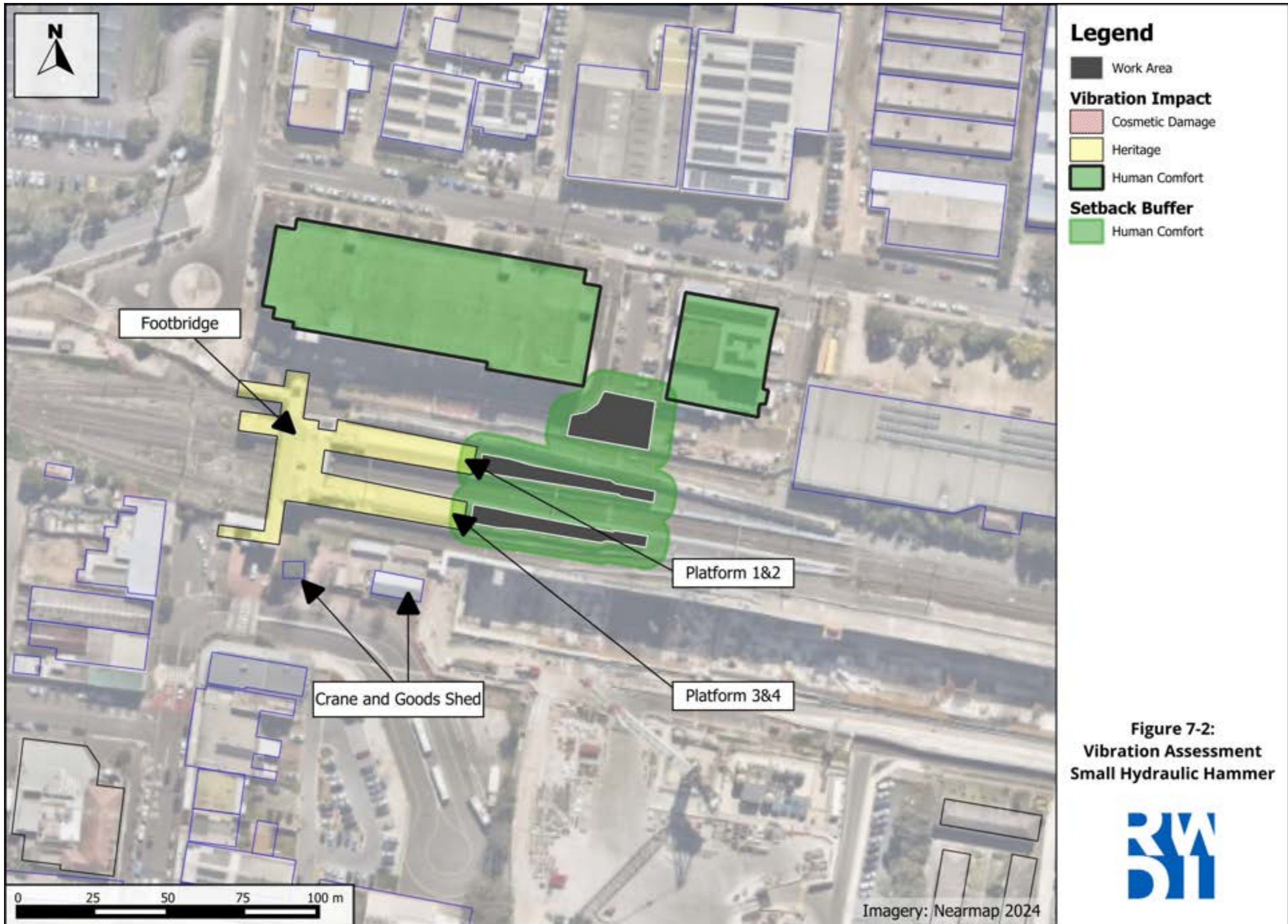
The assessment of vibration intensive work shows:

- The cosmetic damage screening criteria have the potential to be exceeded at the following St Marys Station structures:
  - St Marys Commuter Car Park
  - Platforms 1/2 and 3/4 (Heritage listed - 1888 & 1942-3)
  - Platforms 3/4 building (Heritage Listed - 1888)

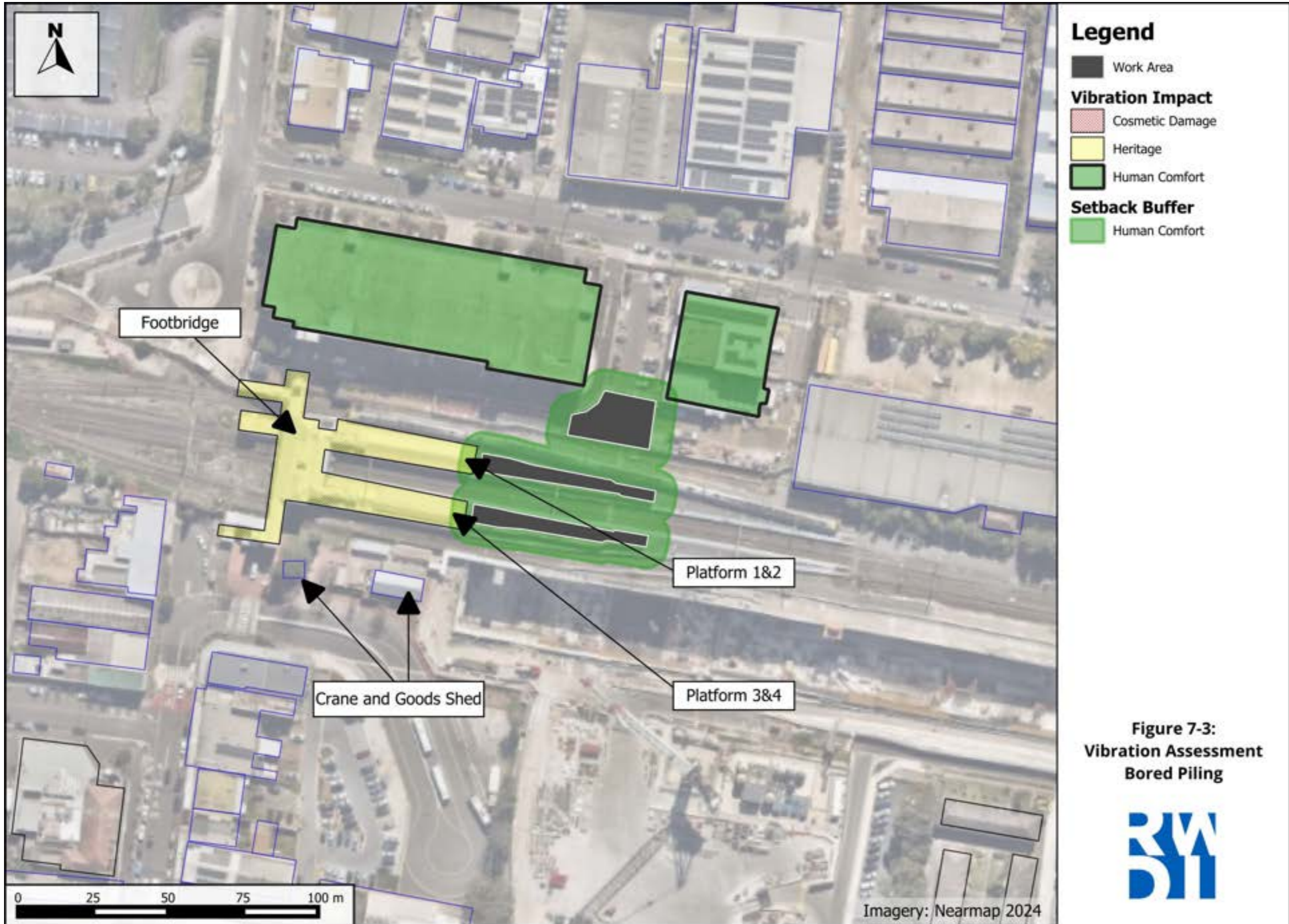
Where this occurs the requirements of CoA E48 will be implemented, refer to **Table 8-1** (NV32).

- The human comfort criteria are not predicted to be exceeded at any residential locations. There is potential for human comfort impacts at three industrial receiver buildings to the north during the vibratory rolling activity at Autopak-Vetlab Group - 39 Harris St, St Marys NSW 2760 (indicated in **Figure 7-1**).
- The St Marys Station buildings/structures are heritage listed, however are not deemed structurally unsound, or more sensitive to vibration, refer Section 3.3.
- Vibration Impacts to Sensitive Scientific or Medical Equipment are not anticipated at the Emerald Medical Centre - 65A Queen Street, Belar St, St Marys NSW 2760.
- There is a potential for vibration Impacts to Sensitive Scientific or Medical Equipment at the Autopak-Vetlab Group - 39 Harris St, St Marys NSW 2760, during the vibratory rolling activities undertaken for *W.011 – Northern/Harris St work*.









## 8 MITIGATION AND MANAGEMENT MEASURES

### 8.1 Standard Mitigation Measures

The overall objective of construction noise and vibration management is to limit impacts on nearby receivers. This can be achieved by implementing the requirements of the Sydney Metro CNVS which reflects the intent and purpose of the ICNG. Therefore, the following hierarchical approach should be used as far as practicable:

- Where site noise levels are above goals or criteria, implement reasonable and feasible good practice environmental controls to minimise noise and vibration emissions and/or exposure duration at affected receivers.
- Where the use of best practice environmental control mitigation measures do not adequately address exceedances of goals or criteria, adopt alternative measures/methodologies to minimise impacts on the community.
- Liaise with the local community regarding scheduled works which are predicted to have increased impacts.

It is recommended that the standard noise mitigation measures presented in Section 4 Table 11 of the Sydney Metro CNVS be adopted for all works undertaken as part of the Project. The management, source control and path control measures should be implemented.

### 8.2 Project Specific Mitigation and Management Measures

Noise impacts may be apparent at the nearest receivers at certain times during the Project. The Project should apply all feasible and reasonable mitigation measures to minimise the impacts, particularly during highly noise intensive work, such as concrete sawing, rock hammering and vibratory rolling.

The following measures shown in **Table 8-1** must be implemented in accordance with the CEMP and CoA E47 to minimise the potential impacts from the works. Reference to applicable CoA are provided for each of these measures.

**Table 8-1: Project Specific Mitigation Measures**

ID	Project stage	Measure	Reference / Notes
NV01		Where feasible and reasonable, construction should be carried out during the approved Project working hours. Work generating high noise and/or vibration levels should be scheduled during less sensitive time periods.	CoA E38 CoA E49
NV02	Scheduling	Highly noise intensive works (ie concrete sawing, rock hammering and vibratory rolling) should only be undertaken during the following approved hours, unless otherwise assessed and justified: 8 am to 6 pm Mondays to Fridays, inclusive; and 8 am to 1 pm Saturdays; and at no time on Sundays or public holidays.	CoA E39

ID	Project stage	Measure	Reference / Notes
NV03		Provide appropriate respite periods as per the Sydney Metro CNVS when highly noise intensive works are undertaken or during periods of high noise impacts (eg one hour of respite for every three hours of noise intensive work).	CoA E39 CoA E49
NV04		Carry out community consultation to determine the need and frequency of respite periods, as required by the CoA.	CoA E56, E57
NV05	Scheduling	Co-ordination should occur between potentially interacting projects to minimise concurrent or consecutive works in the same areas, where possible.	CoA E56
NV06		Noise generating work in the vicinity of potentially-affected community, religious, educational institutions and noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories and operating theatres) resulting in noise levels above the NMLs must not be timetabled within sensitive periods, unless other reasonable arrangements with the affected institutions are made at no cost to the affected institution.	CoA E45
NV07		Site Layout	Compounds and work areas should be one-way to minimise the need for vehicles to reverse.
NV08	Stationary sources of noise, such as generators, should be located away from sensitive receivers.		CoA E46, Best Practice
NV09	Contractor management	Training should be provided to project personnel, including relevant sub-contractors, on noise and vibration requirements and the location of sensitive receivers during inductions and toolbox talks.	CoA E46, Best Practice
NV10	Heavy Vehicles	Delivery vehicles should be fitted with straps rather than chains for unloading, wherever possible.	CoA E46, Best Practice
NV11		Truck drivers should avoid compression braking as far as practicable.	CoA E46, Best Practice
NV12		Trucks should not idle near to sensitive receivers (eg residential receivers).	CoA E46, Best Practice
NV13	Path Control	Construction hoarding around the site perimeter should be erected to control the dispersion of noise offsite.	CoA E46, Best Practice
NV14		Additional portable noise barriers may also be used around particularly noisy equipment such as hydraulic hammering and concrete saws, where necessary.	CoA E46, Best Practice
NV15		Use onsite structures to shield sensitive receivers from noise such as site shed placement, hoarding, shipping containers and consideration of site topography when situating plant.	CoA E46, Best Practice

ID	Project stage	Measure	Reference / Notes
NV16	Noise/ Vibration source mitigation	Plant and equipment should be regularly services with low sound power levels, ie noise levels of plant and equipment must have operating Sound Power Levels (LW) compliant with the Sydney Metro CNVS and presented in Section 6.1.1.	CoA E46, Best Practice
NV17	Noise/ Vibration source mitigation	Alternative construction methodologies and measures that minimise noise and vibration levels during noise intensive works would be investigated and implemented where feasible and reasonable.  Use the minimum sized equipment necessary to complete the work and where possible, use alternative, low-impact construction techniques such as excavator grab instead of hydraulic hammer and bored piling instead of impact piling.	CoA E46, CoA E49 Best Practice
NV18		Plant and machinery should be fitted with manufacturer supplied noise suppression devices and maintained where required.	CoA E46, Best Practice
NV19		Power tools should use mains power where possible rather than generators.	CoA E46, Best Practice
NV20		Shut down equipment / machinery, including generators, when not in operation.	CoA E46, Best Practice
NV21		Avoid dropping materials from a height and dampen or line metal trays, as necessary.	CoA E46, Best Practice
NV22		Ensure equipment is operated in the correct manner.	CoA E46, Best Practice
NV23		Where night-time works are required, equipment/trucks should use broadband (non-tonal) reversing alarms.	CoA E46, Best Practice
NV24		Engagement and consultation should be carried out with the affected communities to understand their preferences for mitigation and management measures, including respite.	CoA E47, E57
NV25	Provide appropriate notice to the affected sensitive receivers prior to starting works and before any noisy periods of works.	CoA E45, E46, E49, E57, Best Practice	
NV26	Community consultation	Provide signage with a 24 hour contact number.	CoA E46, B1, Best Practice
NV27		Owners and occupiers of properties at risk of exceeding the screening criteria for cosmetic damage must be notified before works that generate vibration commences in the vicinity of those properties. If the potential exceedance is to occur more than once or extend over a period of 24 hours, owners and occupiers are to be provided a schedule of potential exceedances on a monthly basis for the duration of the potential exceedances, unless otherwise agreed by the owner and occupier.	CoA E48

ID	Project stage	Measure	Reference / Notes
NV28		<p>Consultation must be undertaken with Autopak-Vetlab Group located at 39 Harris St, St Marys NSW, prior to construction to confirm their sensitivity to vibration (eg critical working areas and/or sensitive scientific equipment).            Vibration monitoring will be required if sensitive work areas or sensitive equipment are located on the property, refer NV32.</p>	CoA E46, Best Practice
NV29	Community consultation	Where there are complaints regarding noise, review and implement additional control measures, where feasible and reasonable.	CoA B4, E46, E49 Best Practice
NV30		Noise monitoring should be undertaken within the first month of work and periodically throughout the construction period and cover the range of activities being undertaken at the site during day, evening and night-time periods	CoA C15
NV31		Conduct noise and/or vibration monitoring in response to any formal complaints received.	CoA B4, D46, Best Practice
NV32	Monitoring	<p>Conduct vibration monitoring if vibration intensive works are to be undertaken within the minimum working distances of sensitive receivers or structures and where exceedances have been predicted.            Vibration testing must be conducted during vibration generating activities that have the potential to impact on Heritage items to verify minimum working distances to prevent cosmetic damage. In the event that the vibration testing and attended monitoring shows that the preferred values for vibration are likely to be exceeded, LOR must review the construction methodology and, if necessary, implement additional mitigation measures. Such measures must include, but not be limited to, review or modification of construction techniques.            A temporary protection plan to outline protection measures required for significant heritage fabric during activities causing potential vibration impacts would be prepared prior to commencement of works.            The advice of a heritage specialist must be sought on methods and locations for installing equipment used for vibration, movement and noise monitoring at Heritage items.</p>	CoA E46, E54, E55 Best Practice
NV33		<p>Noise monitoring should be undertaken where NMLs are predicted to be exceeded as defined by the AMM outlined in Section 8.4            Where site related airborne noise is measured to exceed predicted levels in this report, additional mitigation measures must be considered to reduce impacts.</p>	CoA E46, E49 Best Practice
NV34	Building Surveys	<p>Condition surveys of buildings and structures at risk of damage must be undertaken prior to the commencement of construction.            For heritage buildings and structures the surveys would consider the heritage values of the structure in consultation with a heritage specialist.</p>	CoA E55, E84

## 8.3 Measures Identified Through Consultation

In accordance with CoA E47, consultation with affected sensitive land users to identify additional mitigation and management measures will be undertaken via community notifications with an invite to inquire / raise issues as necessary. Where additional measures are identified via ongoing consultation, they will be incorporated into an update of this DNVIS.

Community consultation is to be undertaken according to the Overarching Community Communication Strategy (OCCS). Consultation is to be implemented and tracked through the measures outlined in the OCCS. The OCCS outlines key risks and issues associated with the Project. A summary of the identified issues related to noise and vibration are as follows:

- Information about construction
- Construction noise and vibration
- Concerns about property damage
- Cumulative impacts of other projects

A range of proposed community consultation/management measures have been identified to address these key issues. Some of these measures include:

- Early engagement with neighbouring stakeholders on likely noise and vibration impacts
- Implementation of mitigation measures in the CEMP, DNVIS and OOHV Permit(s)
- Noise minimised through, use of appropriate plant, tools and techniques and programming
- High impact noise works staged with respite periods as required by the CSSI Approval
- Noise and or vibration monitoring offered in response to complaints

## 8.4 Additional Mitigation Measures

The Sydney Metro Construction Noise and Vibration Strategy provides Additional Mitigation Measures (AMM) that are to be assessed when all Standard Mitigation Measures have been considered and there is still potential to exceed the NML. In accordance with the CEMP and CoA E43 these AMM must be implemented where required for FSM.

The AMM from the CNVS are presented in **Table 8-2**. The period and corresponding exceedance of the NML that the CNVS applies each measure to is presented in **Table 8-3**.

**Table 8-2: Additional Mitigation Measures**

Measure	Abbreviation
Alternative accommodation	AA
Monitoring	M
Individual briefings	IB
Letterbox drops	LB
Project specific respite offer	RO
Phone calls	PC
Specific notifications	SN

**Table 8-3: Additional Noise Mitigation Measures Matrix**

Time Period		Mitigation Measures			
		Predicted $L_{Aeq,15min}$ Noise Level above NML			
		0 to 10 dB	10 to 20 dB	20 to 30 dB	>30 dB
<b>Standard</b>	Mon-Fri (7am-6pm)	-	LB	LB, M, SN	LB, M, SN
	Sat (8am-1pm)				
	Sun / Pub Hol (Nil)				
<b>OOHW Period 1</b>	Mon-Fri (6pm-10pm)	LB	LB, M	LB, M, SN, RO	LB, M, SN, IB, PC, RO
	Sat (1pm-10pm)				
	Sun / Pub Hol (8am-6pm)				
<b>OOHW Period 2</b>	Mon-Fri (10pm-7am)	LB	LB, M, SN, RO	LB, M, SN, IB, PC, RO, AA	LB, M, SN, IB, PC, RO, AA
	Sat (10pm-8am)				
	Sun / Pub Hol (6pm-7am)				

Based on the predictions summarised in the Section 6.4, additional mitigation will be required to be considered for works during all time periods.

## 8.5 Respite Periods

In addition to the respite triggered by the AMM. The following respite requirements are applicable to the FSM project:

- All work undertaken for the delivery of the CSSI, including those undertaken by third parties (such as utility relocations), must be coordinated to ensure respite periods are provided. The Proponent must:
  - reschedule any work to provide respite to impacted noise sensitive land use(s) so that the respite is achieved in accordance with CoA E57; or
  - consider the provision of alternative respite or mitigation to impacted noise sensitive land use(s); and
  - provide documentary evidence to the ER in support of any decision made by the Proponent in relation to respite or mitigation.
- The consideration of respite must also include all other approved Critical SSI, SSI and SSD projects which may cause cumulative and / or consecutive impacts at receivers affected by the delivery of the CSSI.
- In order to undertake out-of-hours work outside the work hours specified under CoA E38, appropriate respite periods for the out-of-hours work must be identified in consultation with the community at each affected location on a regular basis. The outcomes of the community consultation, the identified respite periods and the scheduling of the likely out-of-hour work must be provided to the ER, EPA and the Planning Secretary prior to the out-of-hours work commencing.

Note: Respite periods can be any combination of days or hours where out-of-hours work would not be more than 5 dBA above the RBL at any residence.

## 8.6 Community Notification

As outlined in the CEMP, consultation will be conducted in accordance with the OCCS. Community notifications are required where triggered by the AMM. As outlined in CoA E57 community consultation of out-of-hours work must include (but not be limited to) providing the community with:

- a progressive schedule for periods no less than three (3) months, of likely out-of-hours work;
- a description of the potential work, location and duration of the out-of-hours work;
- the noise characteristics and likely noise levels of the work; and
- likely mitigation and management measures which aim to achieve the relevant NMLs under CoA E43 (including the circumstances of when respite or relocation offers will be available and details about how the affected community can access these offers).

The outcomes of the community consultation, the identified respite periods and the scheduling of the likely out-of-hour work must be provided to the ER, EPA and the Planning Secretary prior to the out-of-hours work commencing.



## 8.7 Monitoring

Noise and vibration monitoring will be undertaken in accordance with the CEMP and Sydney Metro CNVS.

Monitoring will be carried out at the commencement of activities to confirm that actual noise levels are consistent with the predictions presented in this DNVIS, and that the management measures that have been implemented are effective.

Monitoring locations will be focused to the most impacted receivers identified in **Appendix A**. Indicative locations are identified in **Table 8-4**, however, these will be subject to provision of safe access and the specific location of work being undertaken at the time of monitoring.

**Table 8-4: Indicative Monitoring Locations**

Scenario ID	Description	Indicative Noise Monitoring Location	Indicative Vibration Monitoring Location
W.001	Site establishment	7/3 Station St, St Marys	-
W.002	Demolition and removal of all existing structures	7/3 Station St, St Marys	Platforms 1/2 and 3/4 (including building)
W.003	Piling	7/3 Station St, St Marys	Platforms 1/2 and 3/4 (including building)
W.004	Excavation & FRP (substructure)	7/3 Station St, St Marys	-
W.005	Scaffold & FRP (superstructure)	7/3 Station St, St Marys	-
W.006	Install of precast/prefab elements	7/3 Station St, St Marys	-
W.007	Installation of lifts	7/3 Station St, St Marys	-
W.008	Modifications to existing Sydney Trains assets	7/3 Station St, St Marys	-
W.009	Construction of stairs and canopies	7/3 Station St, St Marys	-
W.010	Sydney Trains services, facilities, rooms and systems	7/3 Station St, St Marys	-
W.011	Northern/Harris St work	7/3 Station St, St Marys	Platforms 1/2
		7/3 Station St, St Marys	St Marys Commuter Car Park
		7/3 Station St, St Marys	Autopak-Vetlab Group 39 Harris St, St Marys
W.012	Demobilisation	7/3 Station St, St Marys	-



## 8.8 Alternative Construction Methods

Alternative construction methods have been considered for activities including tree clearing (e.g., electric chainsaws). Use of these methods will depend on the specific circumstances and therefore the worst-case scenario is included for the purpose of this DNVIS.

Alternative methods have been considered and implemented for vibratory rollers and hydraulic hammers (i.e., smaller sized equipment). DNVIS modelling has incorporated the use of small vibratory rollers (i.e., <50 kN, 1– 2 tonne) and small hydraulic hammers (i.e., 300 kg, 5 to 12 tonne excavator).

## 9 CUMULATIVE IMPACTS

Cumulative construction impacts can occur where multiple construction projects are being completed in the same area at the same time. To minimise the risk of cumulative impacts LOR will consult with proponents of other construction works near the FSM project worksite and take reasonable steps to coordinate works to minimise cumulative noise and vibration impact and coordinate respite for affected sensitive receivers, to satisfy CoA E56.

Monthly environmental cumulative impacts meetings are hosted by Sydney Metro where all contractors working on the SM-WSA project detail upcoming scope for the month. Monthly Traffic and Transport Liaison Group (TTLG) meetings are held between Councils, Sydney Metro and other Contractors to discuss upcoming scope for the following month. Possession Co-ordination meetings between Sydney Trains and Sydney Trains Contractors are also held to discuss upcoming possession works.

## 10 CONCLUSION AND RECOMMENDATIONS

Noise emissions from the FSM project have been predicted to the surrounding receivers. Noise levels are expected to exceed the NMLs at the closest receivers surrounding work areas for some activities.

Vibration has been assessed at the nearest sensitive receivers and heritage structures surrounding the FSM project. There is potential for both human comfort and cosmetic damage impacts at the closest buildings/structures during vibration generating activities.

Engagement and consultation must be carried out with the affected receivers to understand noise/vibration sensitivity and their preferences for mitigation and management measures, including respite.

A number of mitigation and management measures have been recommended. Where feasible and reasonable these must be applied to the FSM project to control and minimise the impacts during construction as far as practicable.

Recommendations during commencement of each work scenario:

- Select plant and equipment which is equivalent or quieter than that adopted in the assessment
- Undertake condition surveys of buildings and structures at risk of damage prior to the commencement of construction
- Implement additional mitigation measures as detailed in the Sydney Metro CNVS
- Undertake noise and vibration monitoring during work to confirm impacts.

## 11 STATEMENT OF LIMITATIONS

This report entitled *St Marys Footbridge Detailed Noise and Vibration Impact Statement* was prepared by RWDI Australia Pty Ltd ("RWDI") for *Laing O'Rourke* ("Client"). The findings and conclusions presented in this report have been prepared for the Client and are specific to the project described herein ("Project"). The conclusions and recommendations contained in this report are based on the information available to RWDI when this report was prepared. Because the contents of this report may not reflect the final design of the Project or subsequent changes made after the date of this report, RWDI recommends that it be retained by Client during the final stages of the project to verify that the results and recommendations provided in this report have been correctly interpreted in the final design of the Project.

The conclusions and recommendations contained in this report have also been made for the specific purpose(s) set out herein. Should the Client or any other third party utilize the report and/or implement the conclusions and recommendations contained therein for any other purpose or project without the involvement of RWDI, the Client or such third party assumes any and all risk of any and all consequences arising from such use and RWDI accepts no responsibility for any liability, loss, or damage of any kind suffered by Client or any other third party arising therefrom.

Finally, it is imperative that the Client and/or any party relying on the conclusions and recommendations in this report carefully review the stated assumptions contained herein and to understand the different factors which may impact the conclusions and recommendations provided.

The background features a large, light gray circular shape on the right side, partially overlapping a blue triangular shape on the left. A white curved line separates the two shapes.

# APPENDIX A

NOISE IMPACT MAPS



- Legend**
- Project Boundary
  - Receivers**
    - Residential
    - Other Sensitive Receivers  - Noise Impact**
    - 1-10 dB
    - 11-20 dB
    - 21-30 dB
    - > 30dB
    - Highly Affected

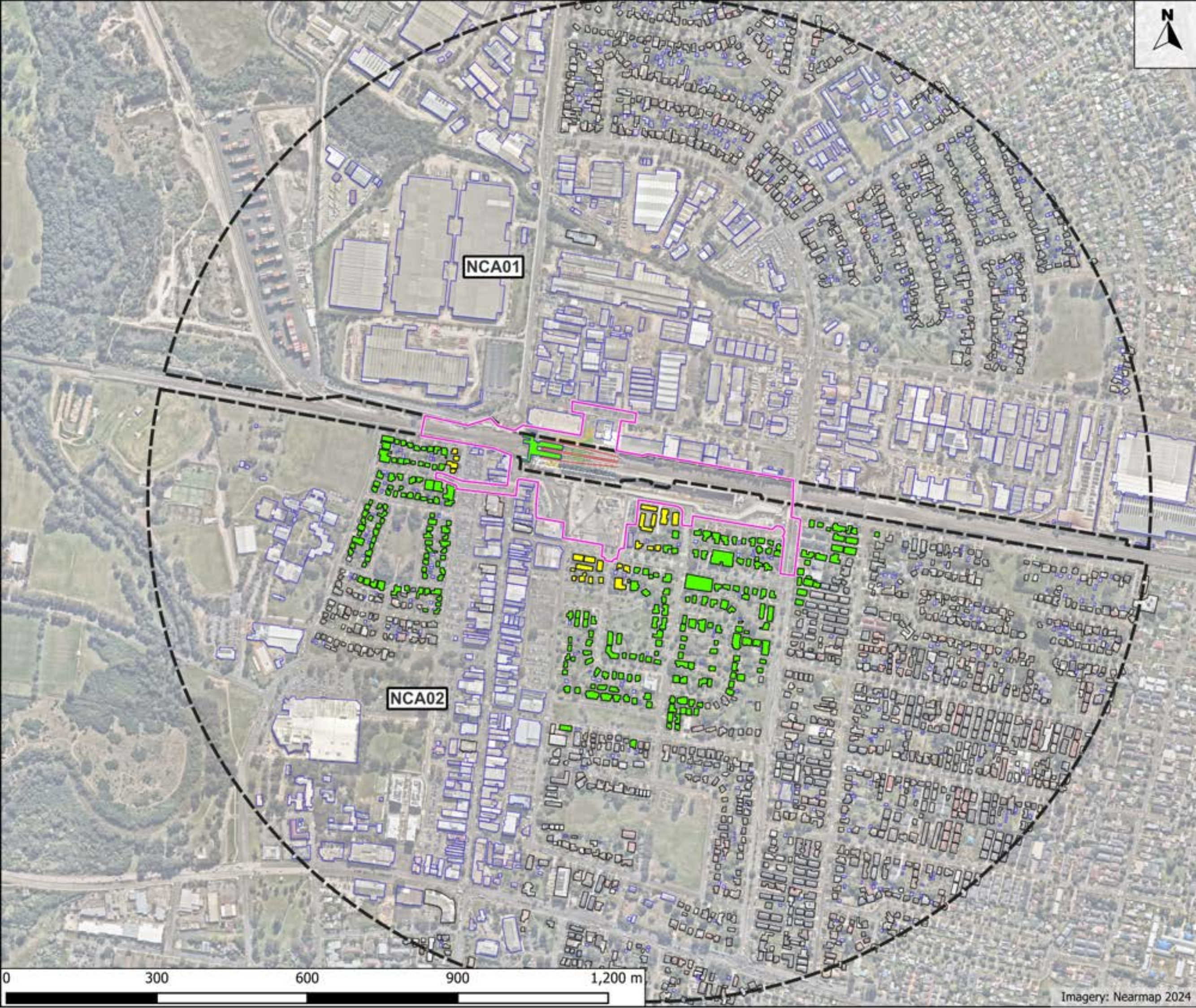
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0002  
 Demolition and removal of all  
 existing structures  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





- Legend**
- Project Boundary
  - Receivers**
  - Residential
  - Other Sensitive Receivers
  - Noise Impact**
  - 1-10 dB
  - 11-20 dB
  - 21-30 dB
  - > 30dB
  - Highly Affected

PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

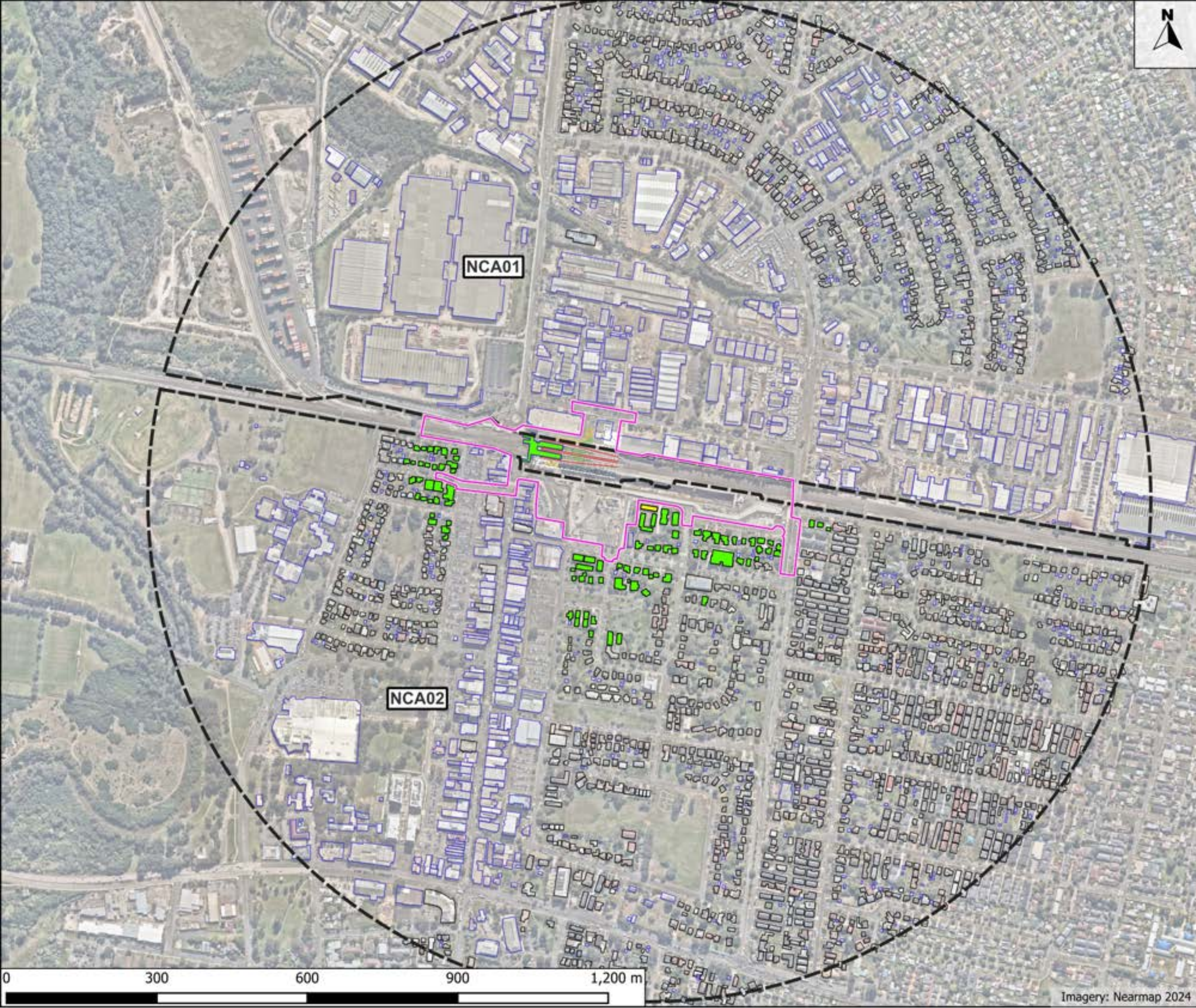
PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0002  
 Demolition and removal of all  
 existing structures  
 OOHW3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>







- Legend**
- Project Boundary
  - Receivers**
  - Residential
  - Other Sensitive Receivers
  - Noise Impact**
  - 1-10 dB
  - 11-20 dB
  - 21-30 dB
  - > 30dB
  - Highly Affected

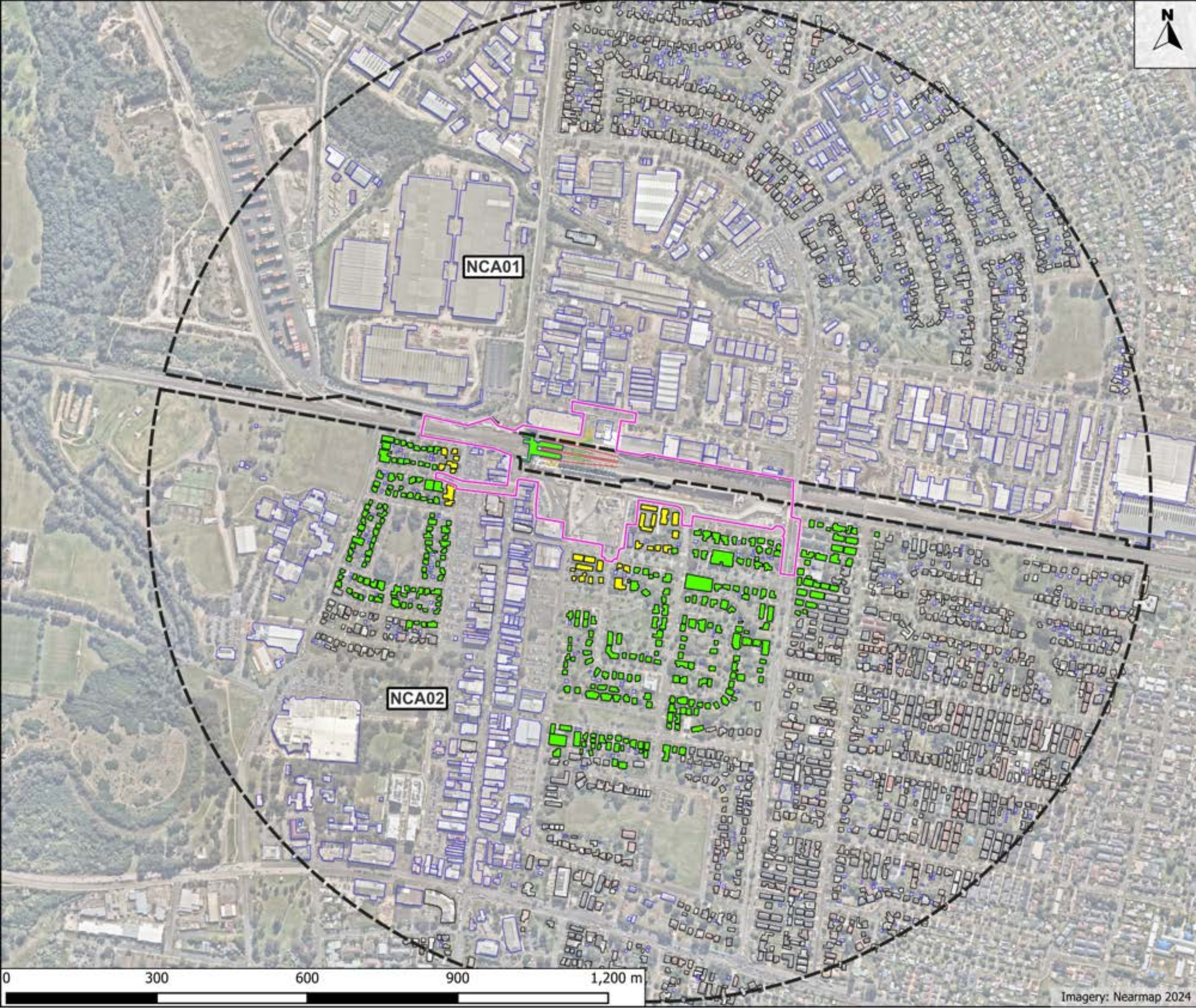
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rouke Australia  
 Construction Pty Ltd**

TITLE:  
**w0003  
 Construction of footbridge -  
 Piling  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
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<b>4/10/2024</b>	<b>A3</b>





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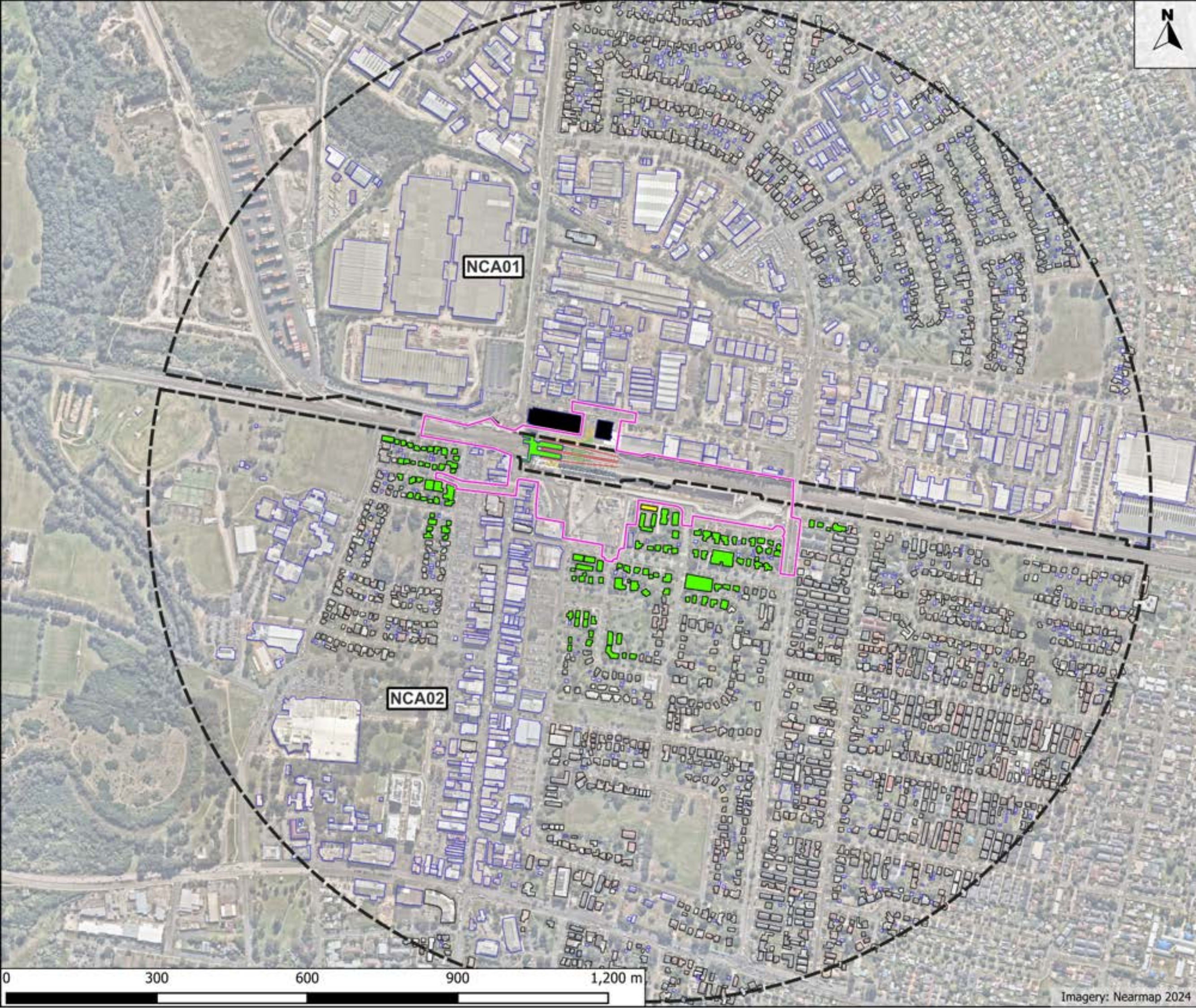
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rouke Australia  
 Construction Pty Ltd**

TITLE:  
**w0003  
 Construction of footbridge -  
 Piling  
 OOHW 3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
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<b>4/10/2024</b>	<b>A3</b>





- Legend**
- Project Boundary
  - Receivers**
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    - Other Sensitive Receivers  - Noise Impact**
    - 1-10 dB
    - 11-20 dB
    - 21-30 dB
    - > 30dB
    - Highly Affected

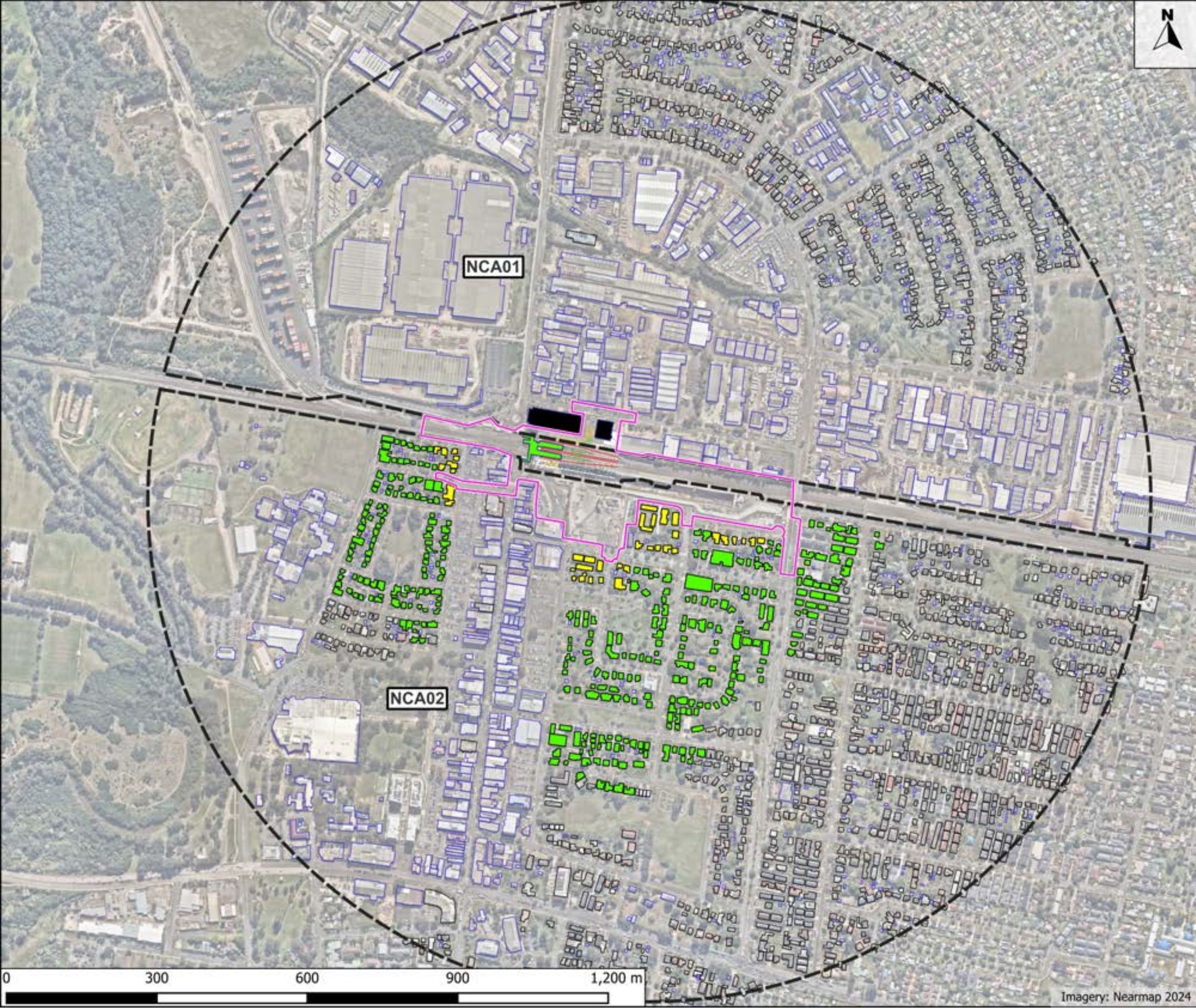
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0004  
 Construction of footbridge -  
 Excavation & FRP  
 (substructure)  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





**Legend**

- Project Boundary

**Receivers**

- Residential
- Other Sensitive Receivers

**Noise Impact**

- 1-10 dB
- 11-20 dB
- 21-30 dB
- > 30dB
- Highly Affected

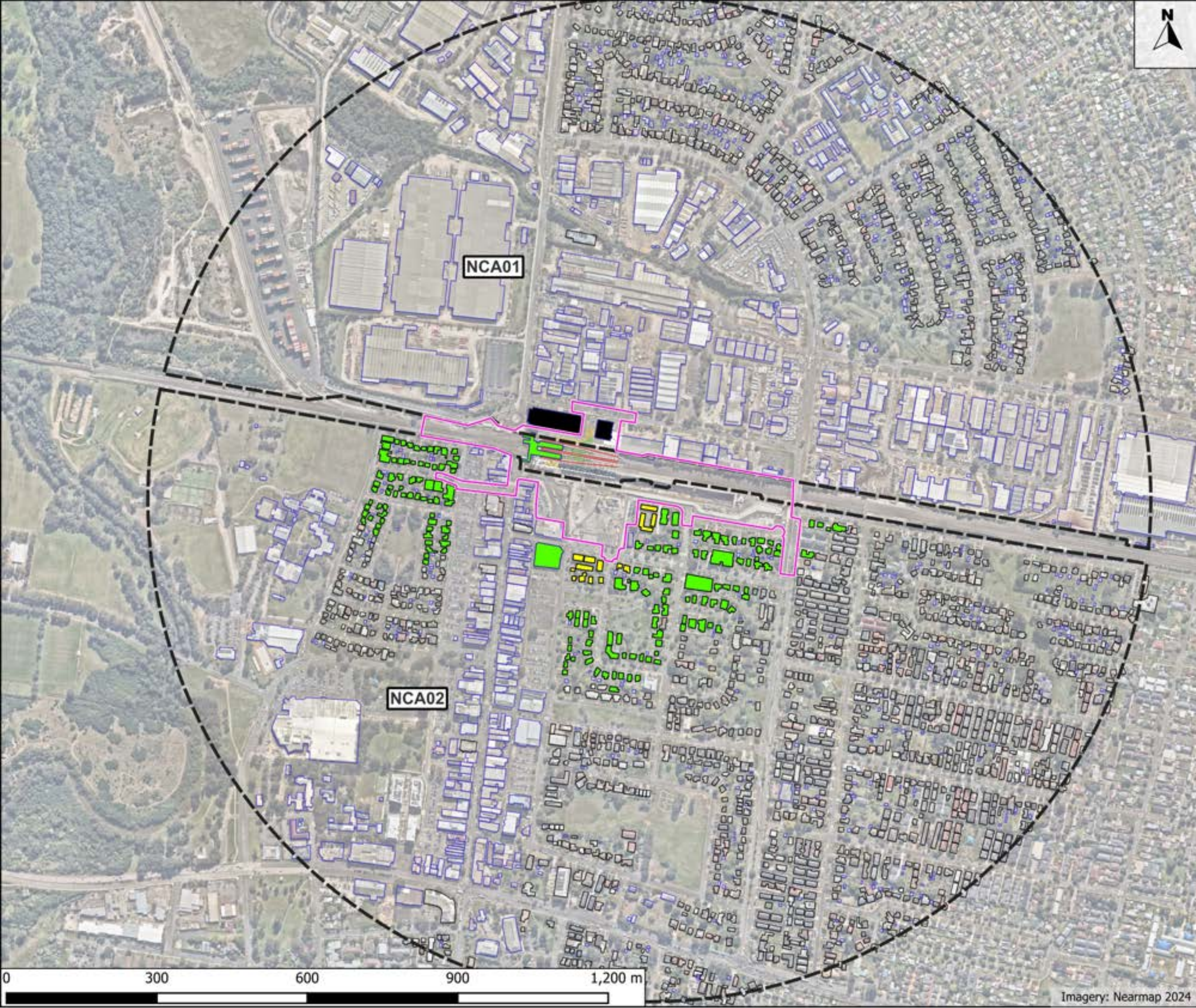
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0004  
 Construction of footbridge -  
 Excavation & FRP  
 (substructure)  
 OOHW 3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
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<b>4/10/2024</b>	<b>A3</b>





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- Project Boundary
  - Receivers**
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  - Other Sensitive Receivers
  - Noise Impact**
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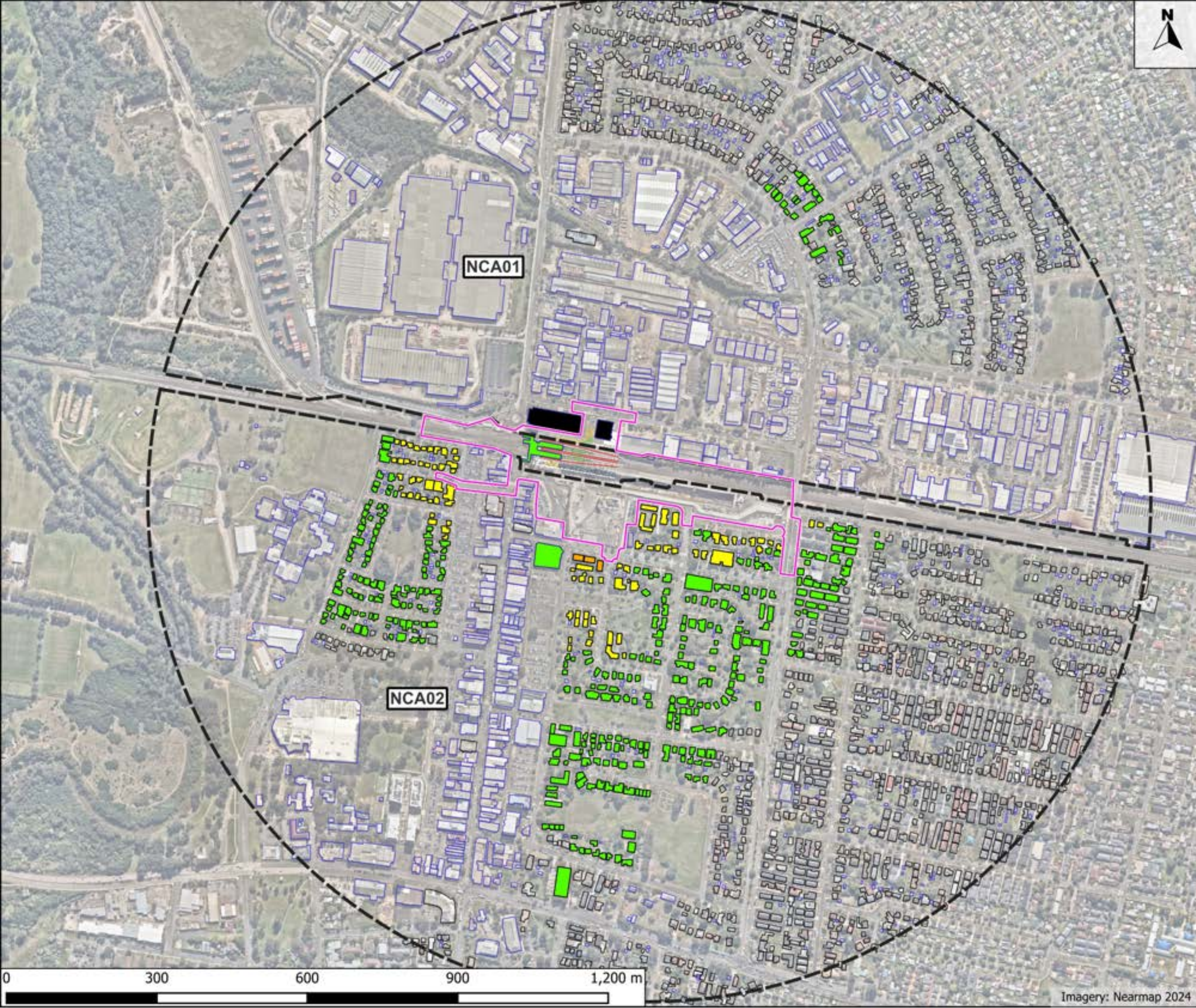
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0005  
 Construction of footbridge -  
 Excavation & FRP  
 (substructure)  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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<b>4/10/2024</b>	<b>A3</b>





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  - Receivers**
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  - Other Sensitive Receivers
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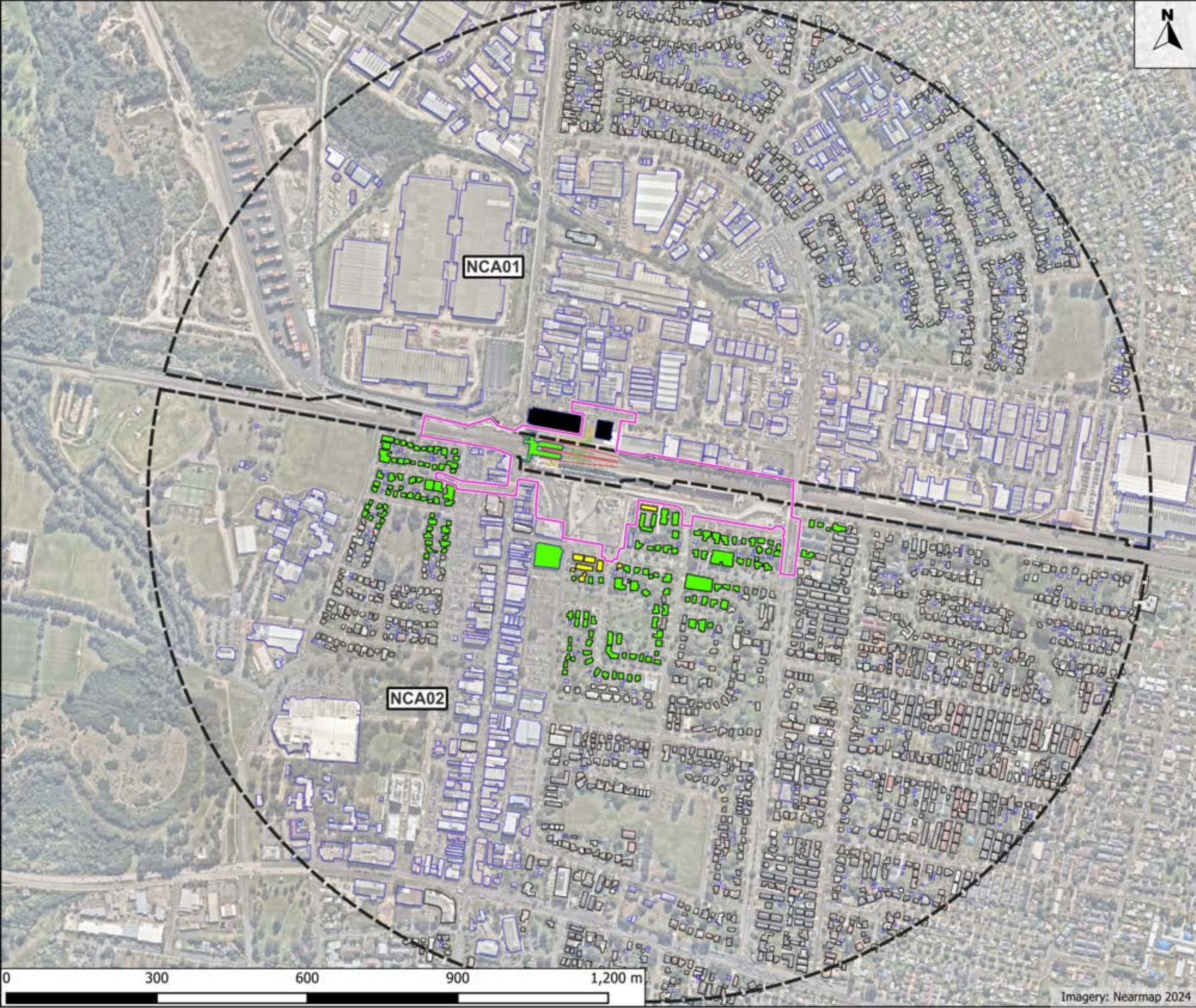
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0005  
 Construction of footbridge -  
 Excavation & FRP  
 (substructure)  
 OOHW3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
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<b>PTT</b>	<b>RML</b>
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<b>4/10/2024</b>	<b>A3</b>





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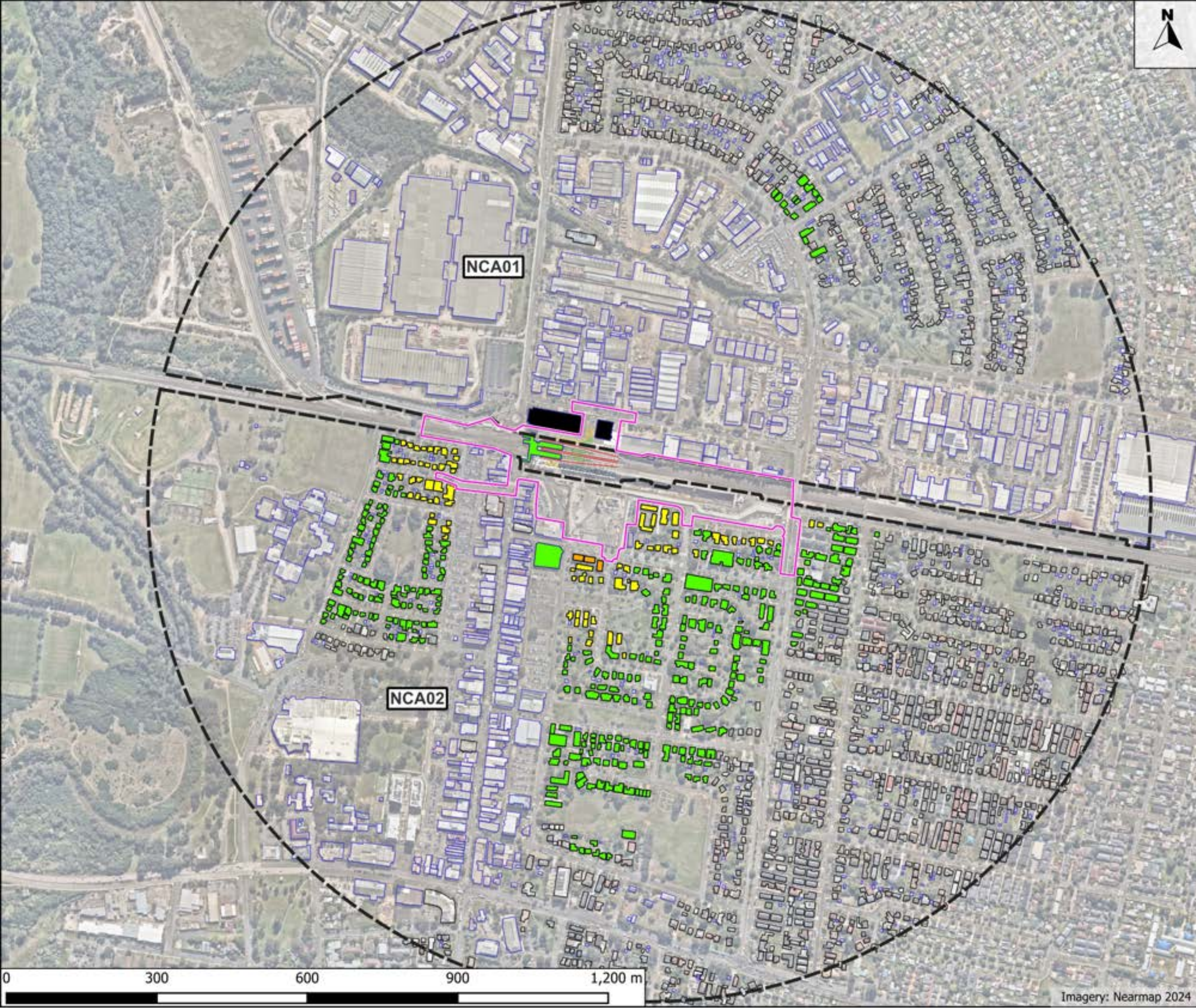
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0006  
 Construction of footbridge -  
 Install of precast/prefab  
 elements  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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<b>4/10/2024</b>	<b>A3</b>





- Legend**
- Project Boundary
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  - 1-10 dB
  - 11-20 dB
  - 21-30 dB
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PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

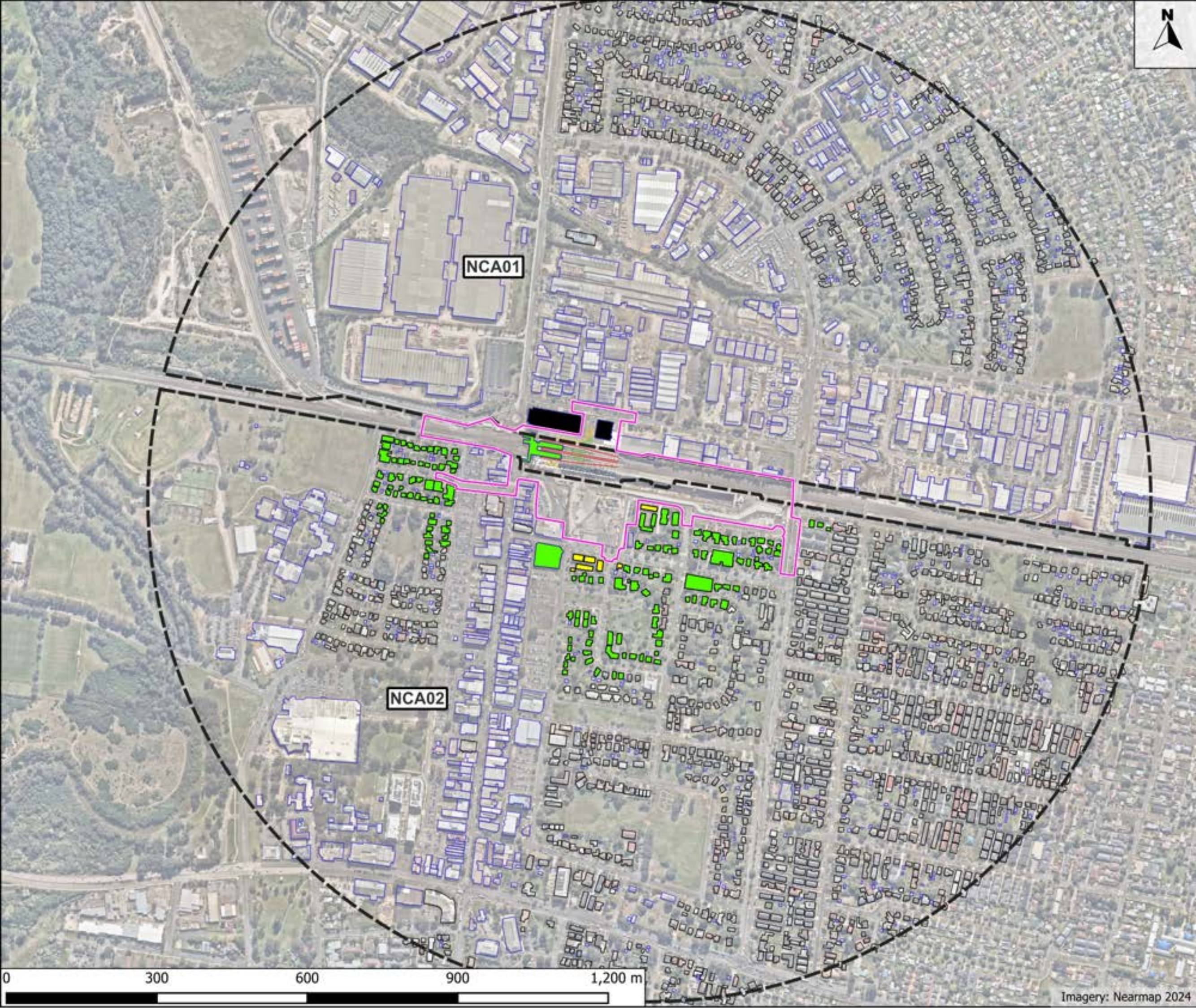
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 Construction Pty Ltd**

TITLE:  
**w0006  
 Construction of footbridge -  
 Install of precast/prefab  
 elements  
 OOHW3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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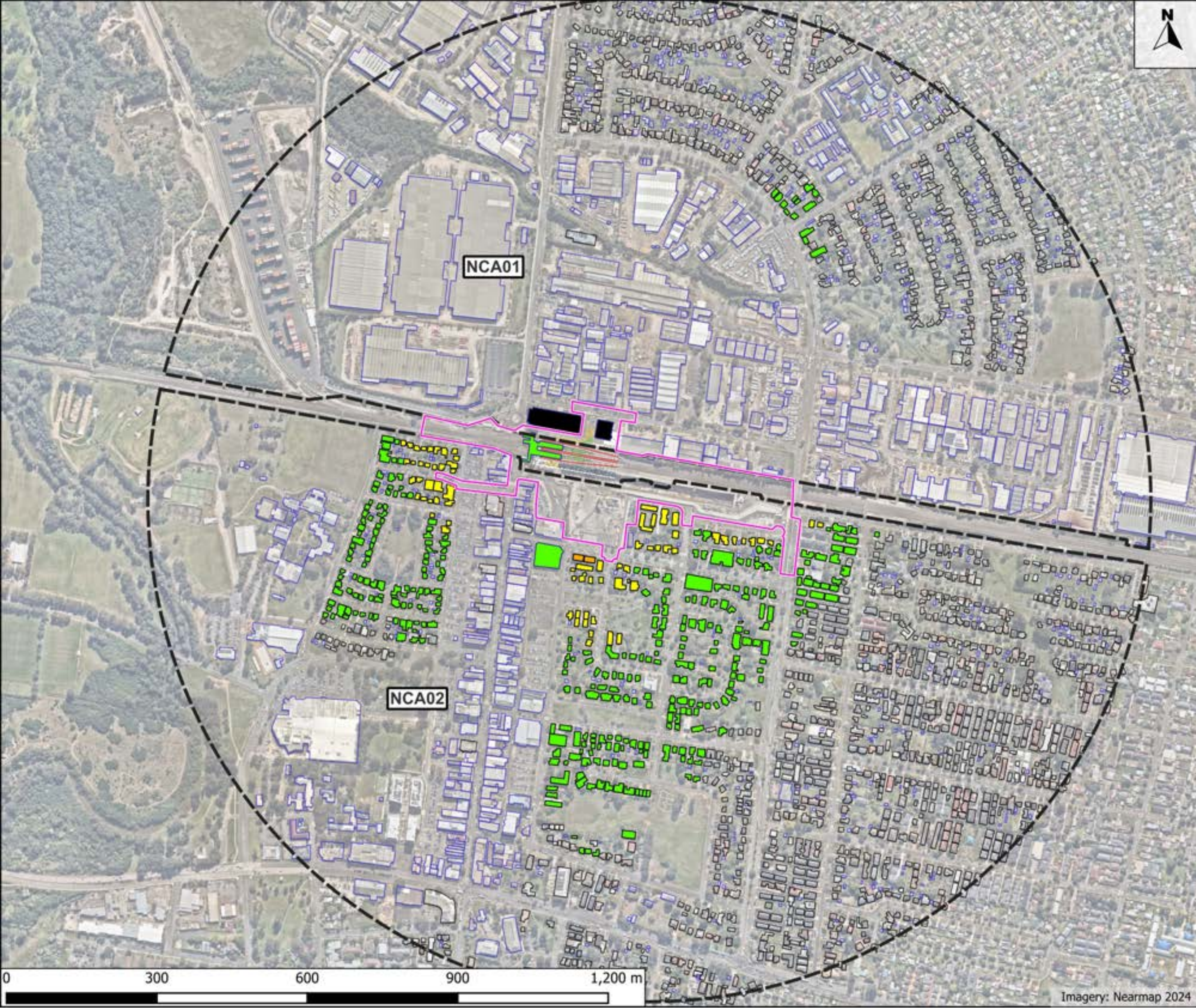
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0007  
 Installation of lifts  
 Day**

PROJECT No.:	REVISION:
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PREPARED:	APPROVED:
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- Legend**
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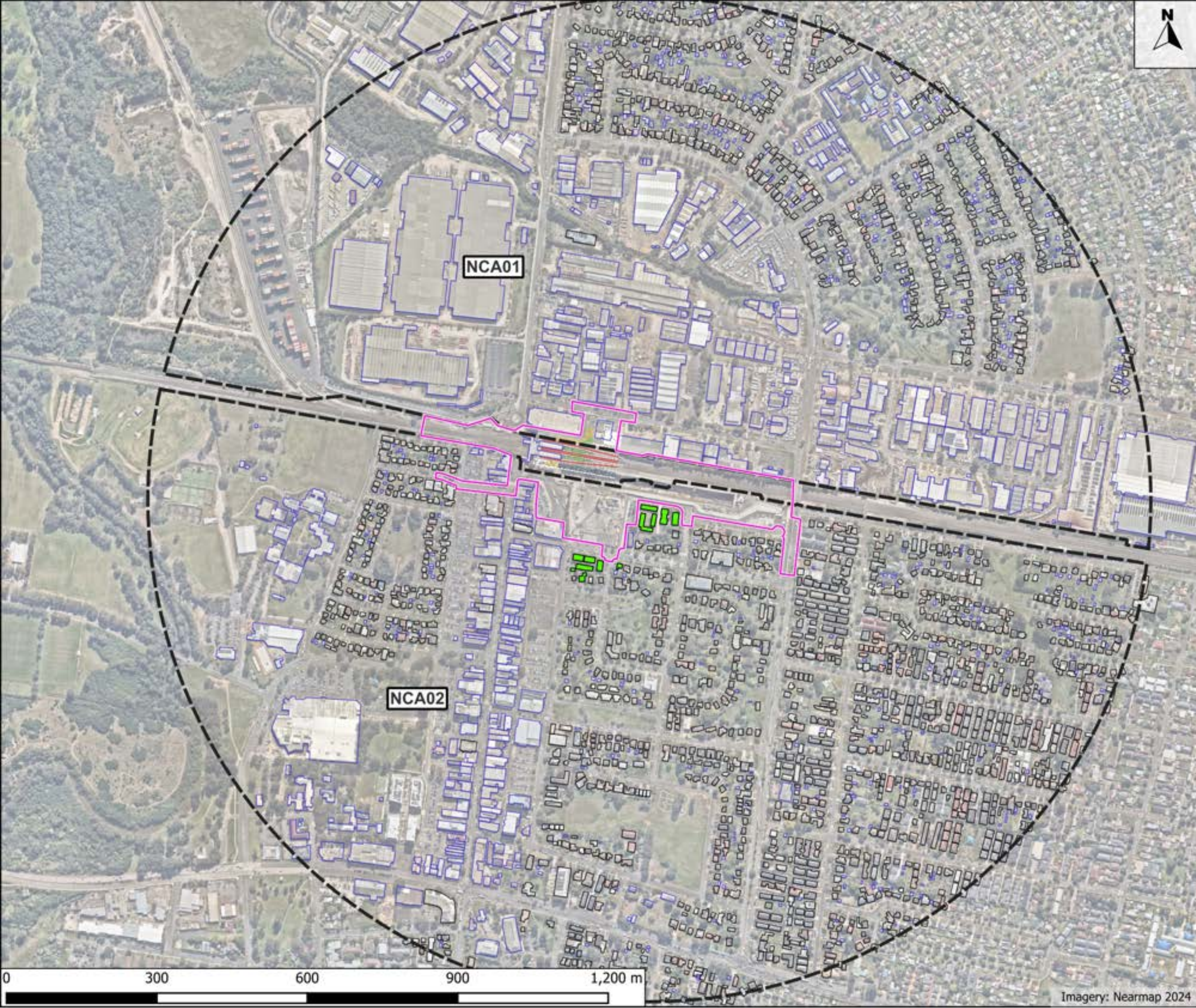
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0007  
 Installation of lifts  
 OOHW 3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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  - Noise Impact**
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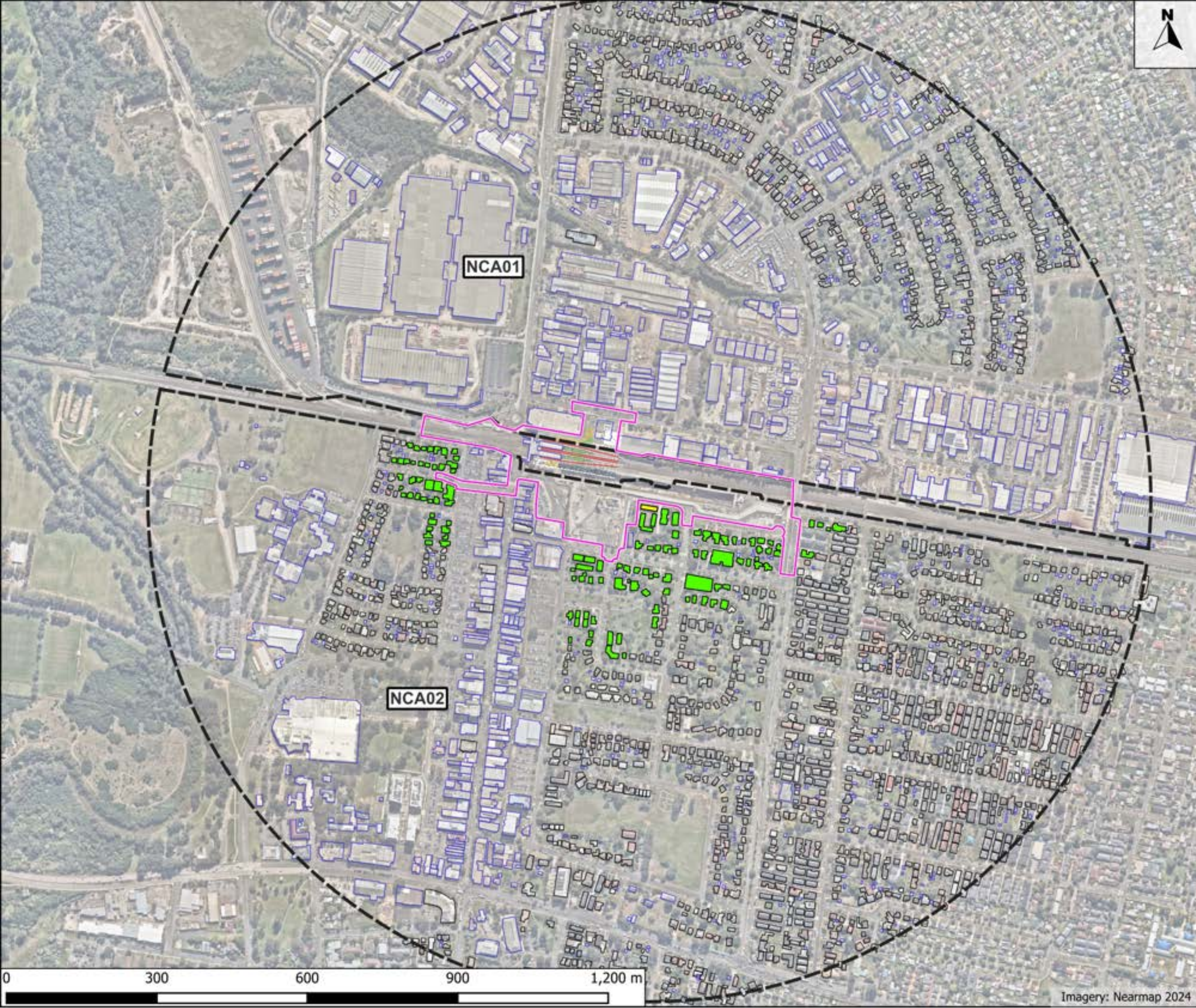
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0008  
 Modifications to existing  
 Sydney Trains assets  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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<b>4/10/2024</b>	<b>A3</b>





- Legend**
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  - Other Sensitive Receivers
- Noise Impact**
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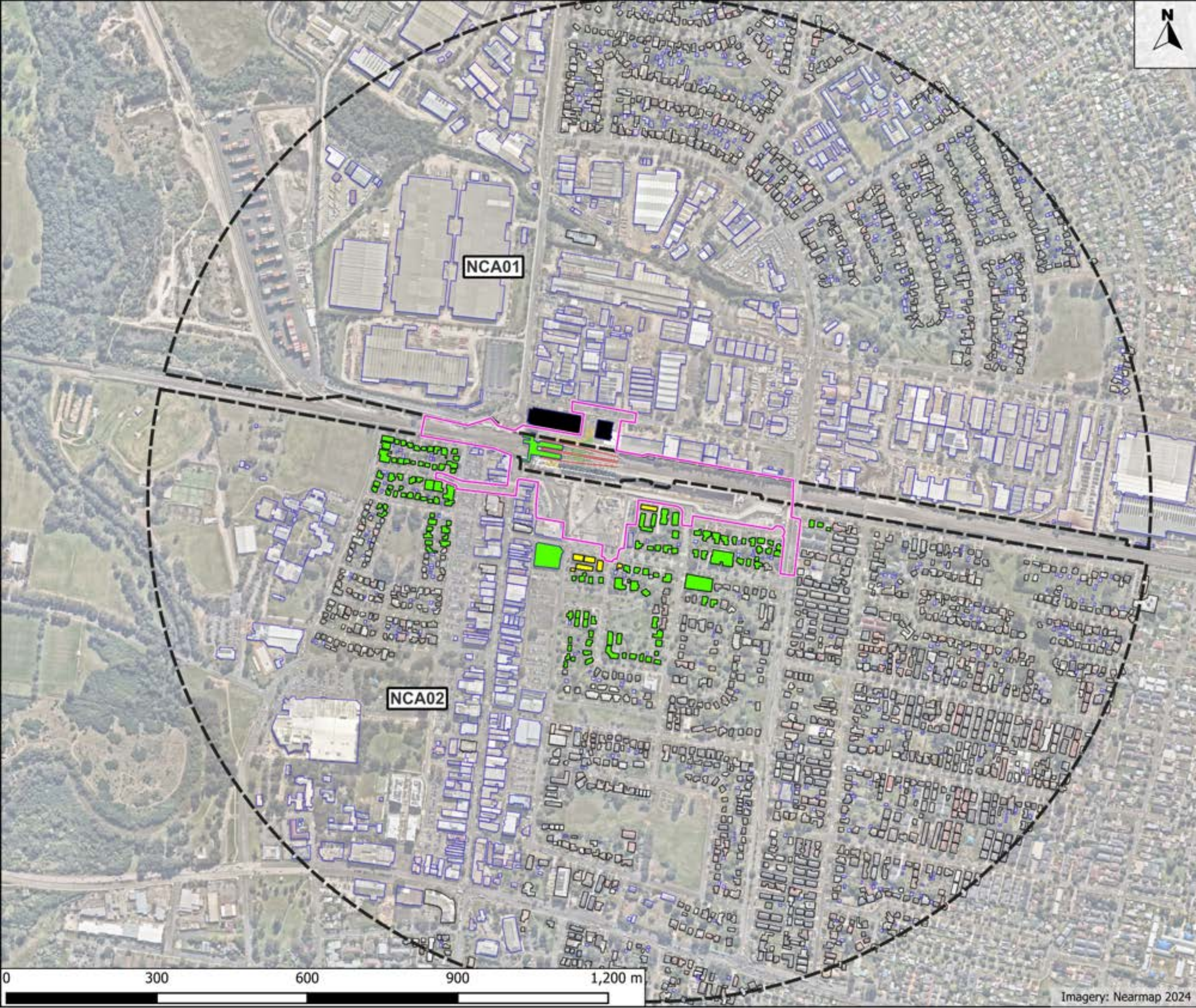
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0008  
 Modifications to existing  
 Sydney Trains assets  
 OOHW 3**

PROJECT No.:	REVISION:
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PREPARED:	APPROVED:
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- Legend**
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  - Receivers**
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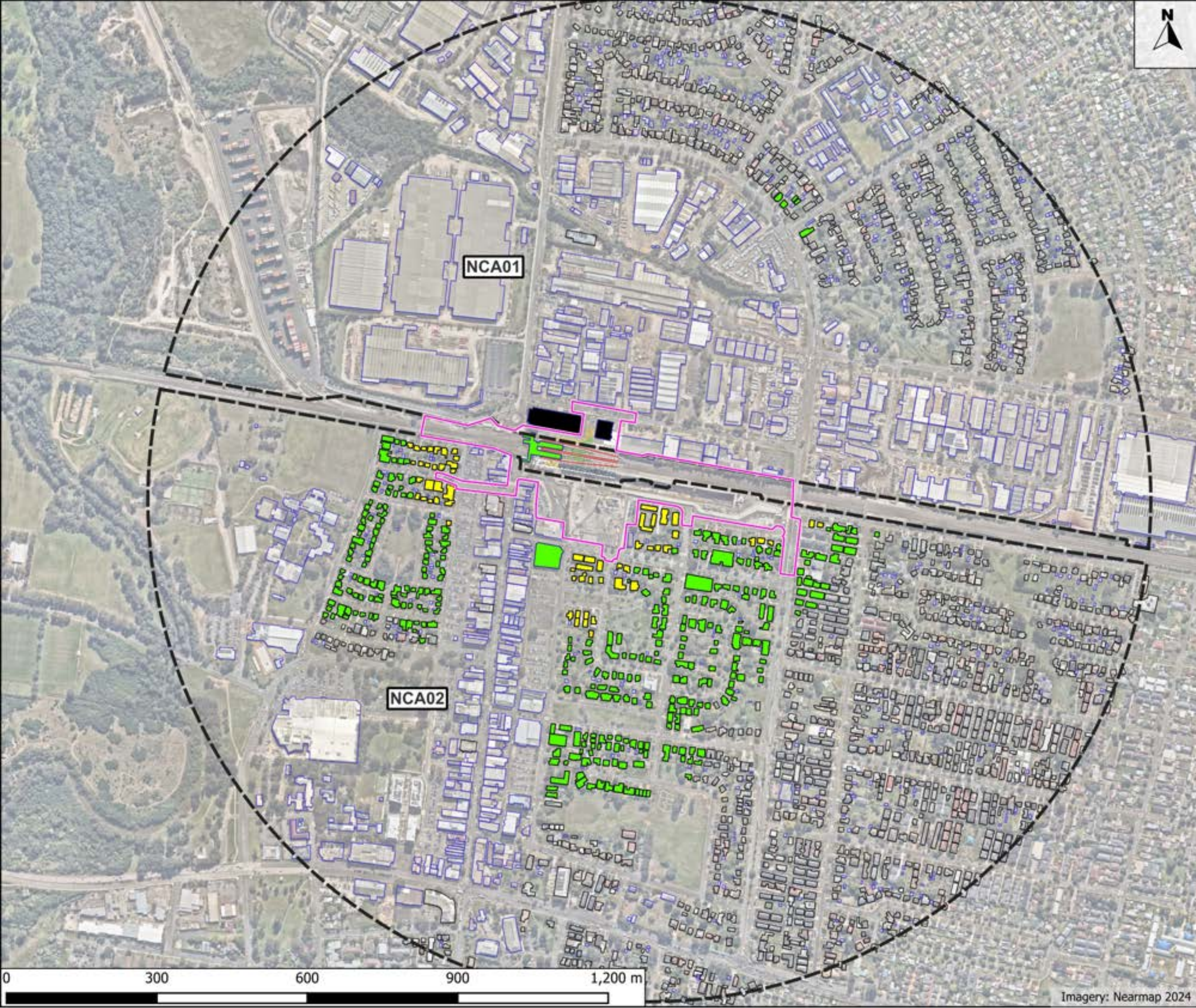
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0009  
 Construction of stairs and  
 canopies  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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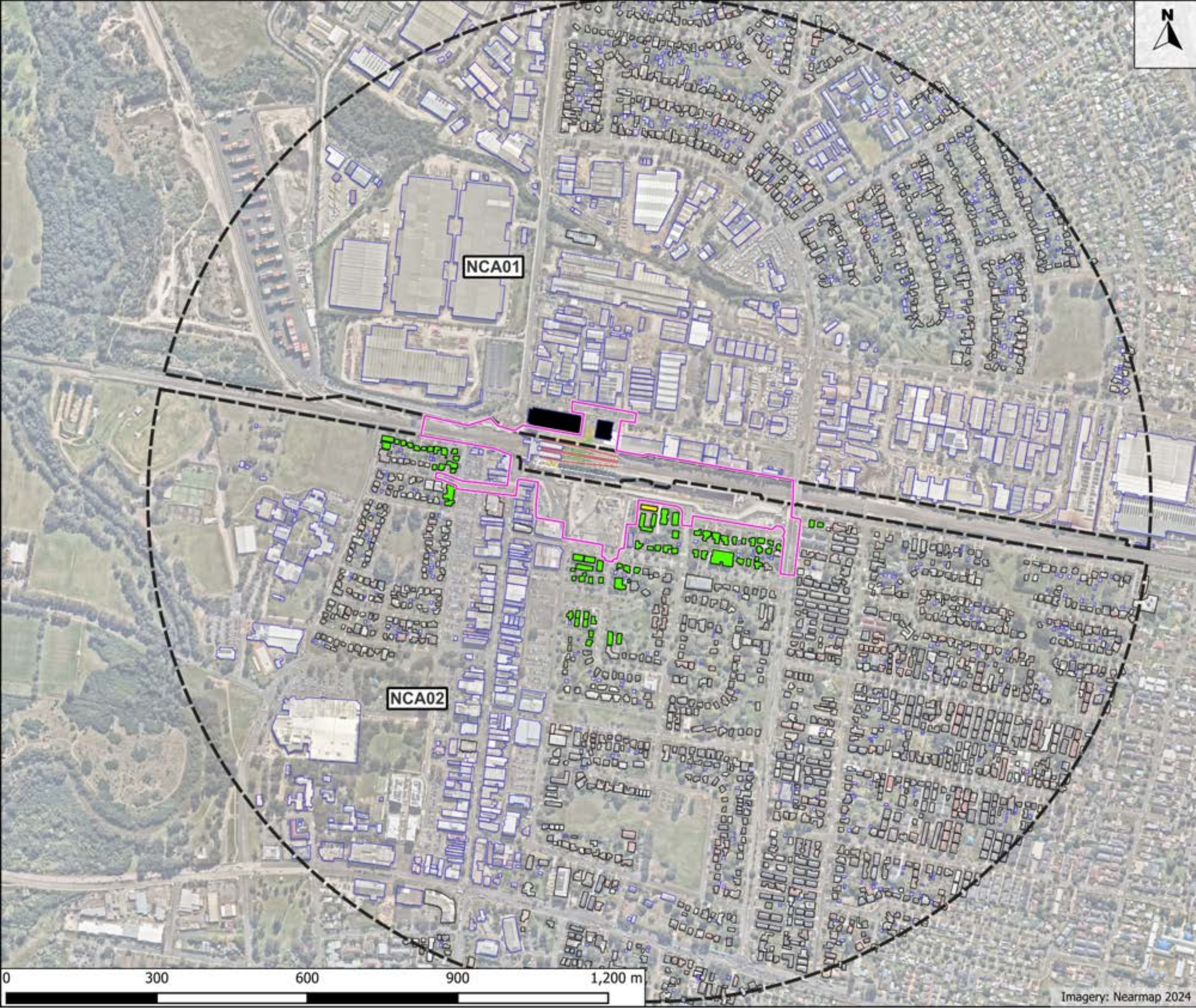
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w0009  
 Construction of stairs and  
 canopies  
 OOHW 3**

PROJECT No.:	REVISION:
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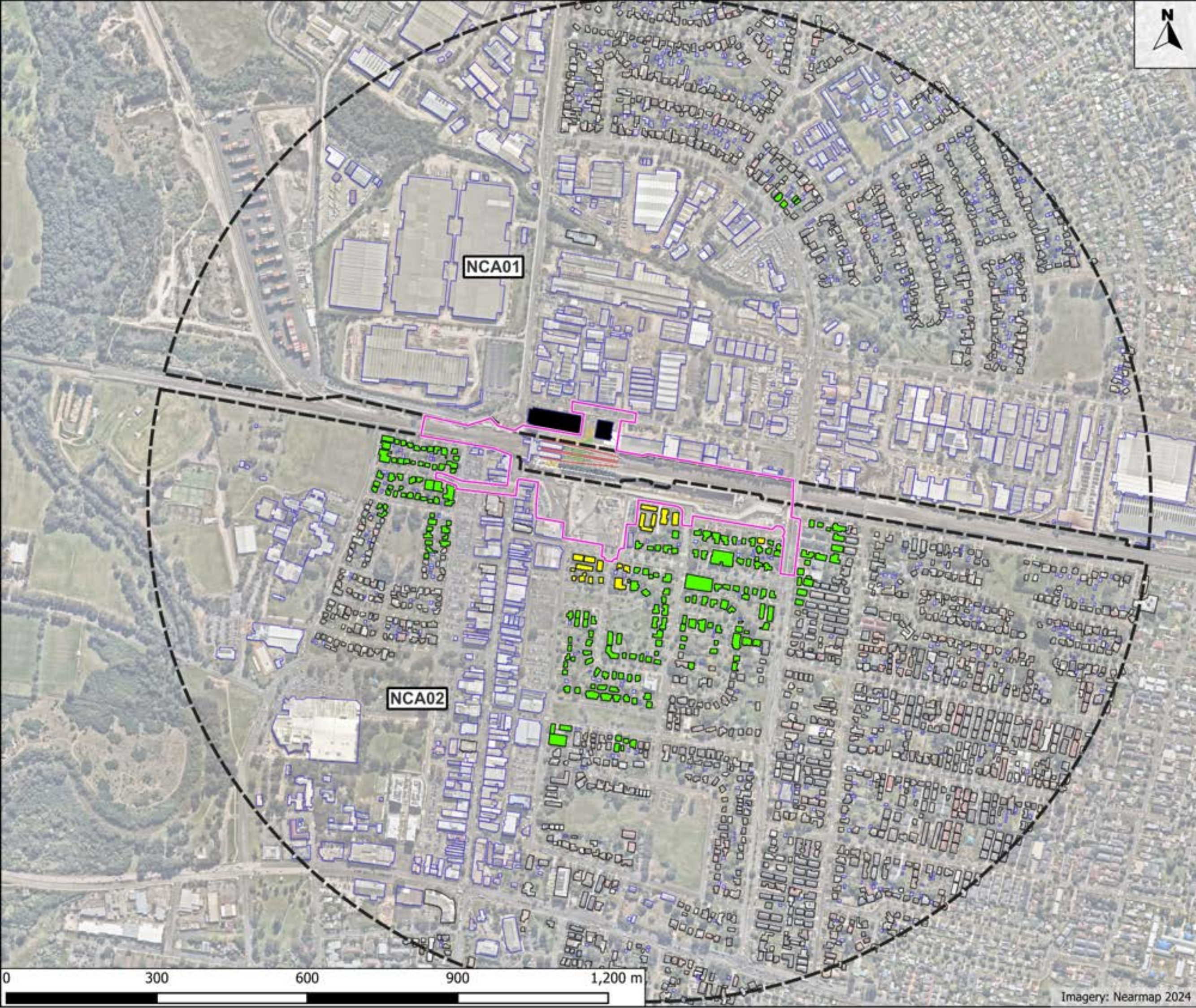
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE: **w010  
 Installation/construction of  
 Sydney Trains services,  
 facilities, rooms and systems  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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- Legend**
- Project Boundary
  - Receivers**
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  - 11-20 dB
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  - Highly Affected

PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

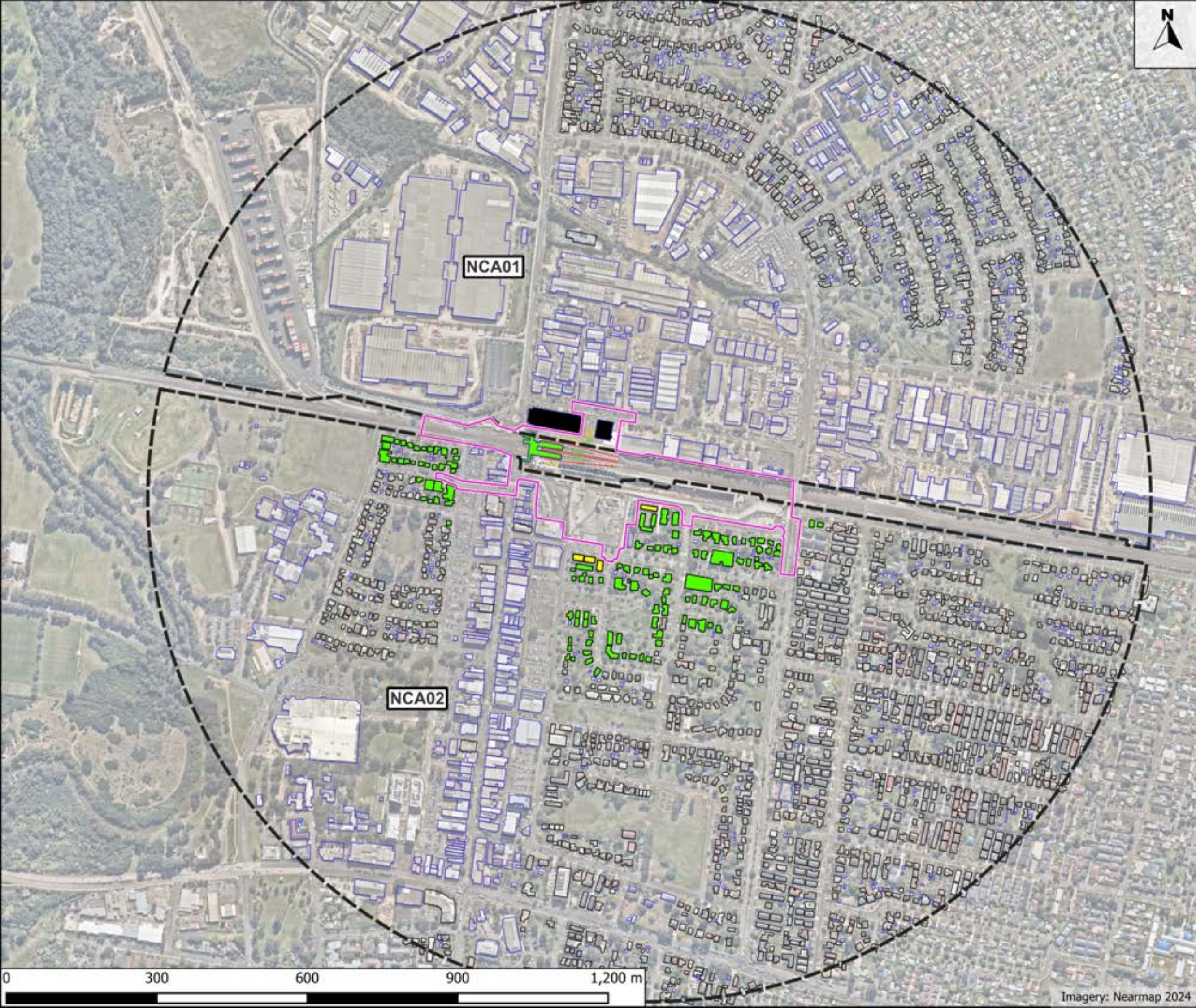
PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE: **w010**  
**Installation/construction of  
 Sydney Trains services,  
 facilities, rooms and systems  
 OOHW 3**

PROJECT No.:	REVISION:
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PREPARED:	APPROVED:
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- Legend**
- Project Boundary
  - Receivers**
  - Residential
  - Other Sensitive Receivers
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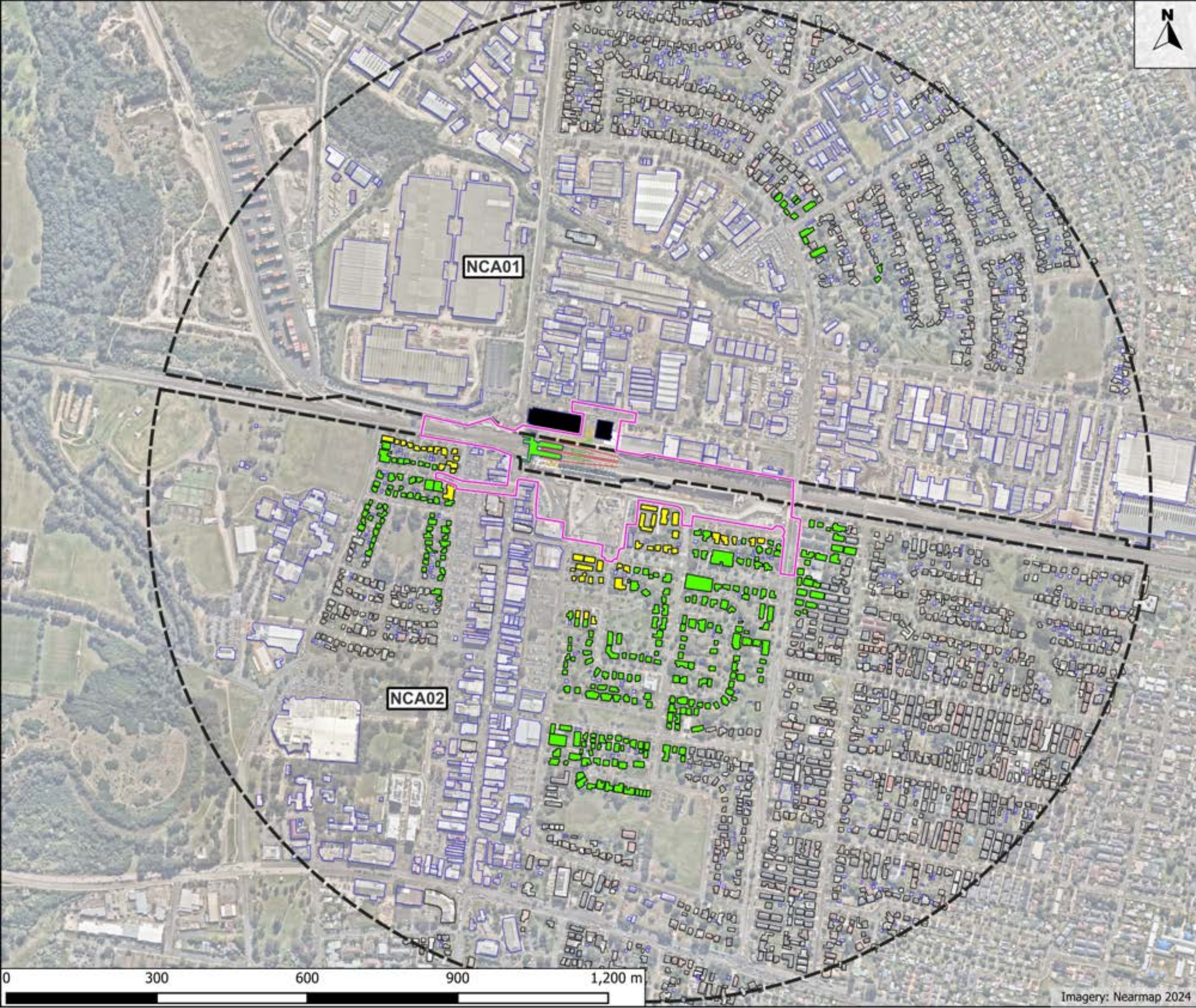
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w011  
 Northern/Harris St work  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
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- Legend**
- Project Boundary
  - Receivers**
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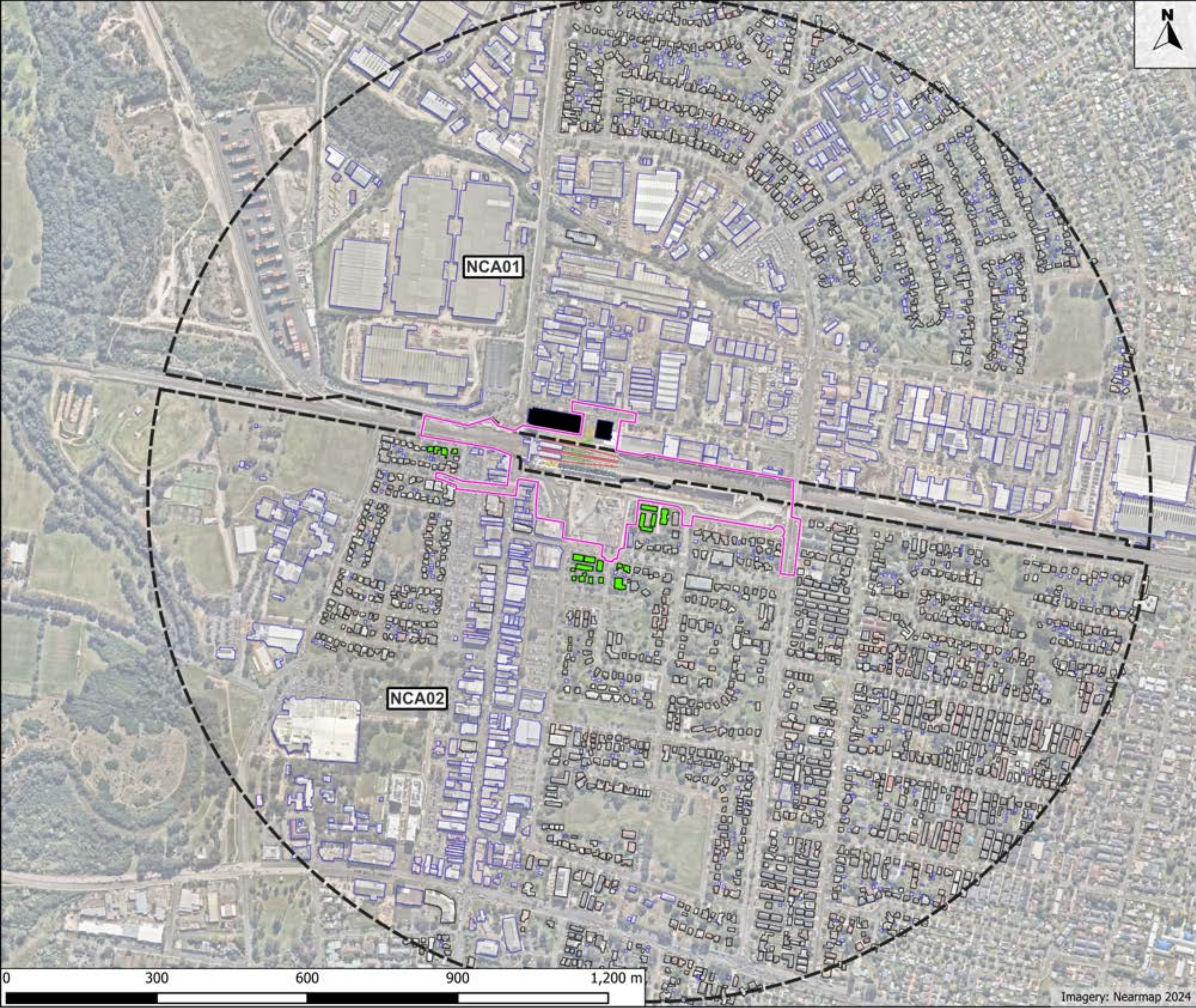
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**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w011  
 Northern/Harris St work  
 OOHW 3**

PROJECT No.:	REVISION:
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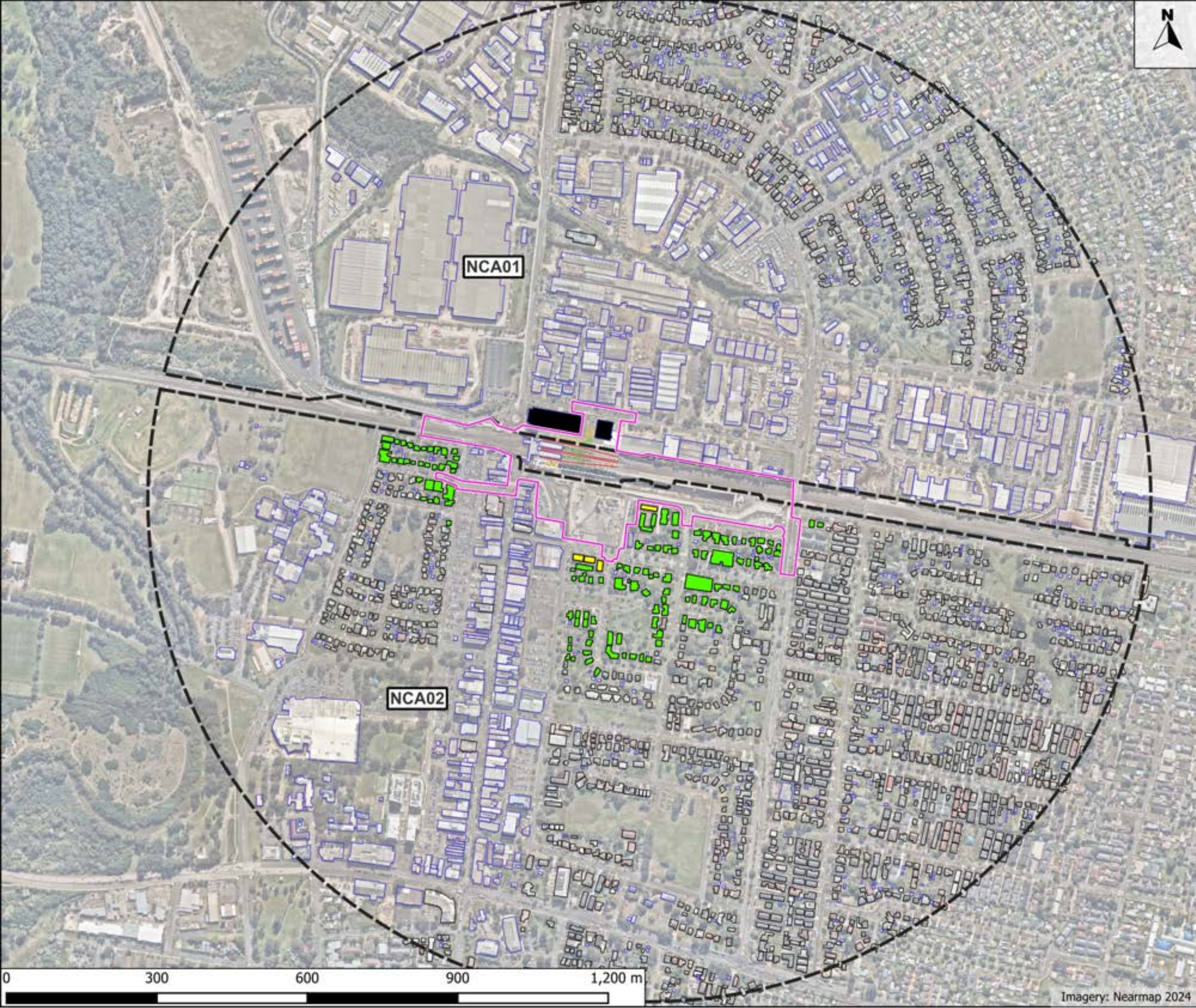
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rouke Australia  
 Construction Pty Ltd**

TITLE:  
**w012  
 Demobilisation  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





**Legend**

- Project Boundary

**Receivers**

- Residential
- Other Sensitive Receivers

**Noise Impact**

- 1-10 dB
- 11-20 dB
- 21-30 dB
- > 30dB
- Highly Affected

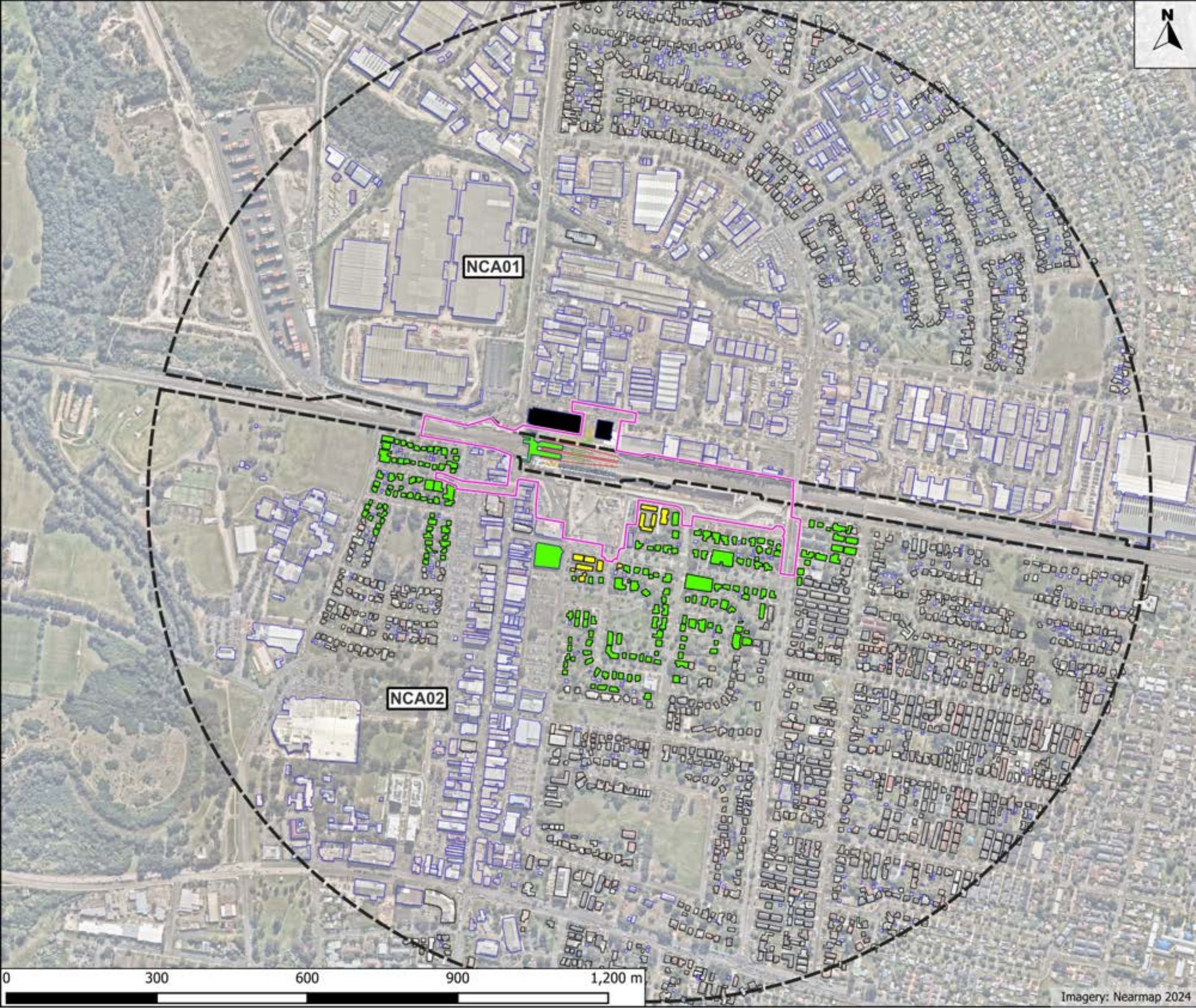
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w012  
 Demobilisation  
 OOHW 3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





- Legend**
- Project Boundary
  - Receivers**
  - Residential
  - Other Sensitive Receivers
  - Noise Impact**
  - 1-10 dB
  - 11-20 dB
  - 21-30 dB
  - > 30dB
  - Highly Affected

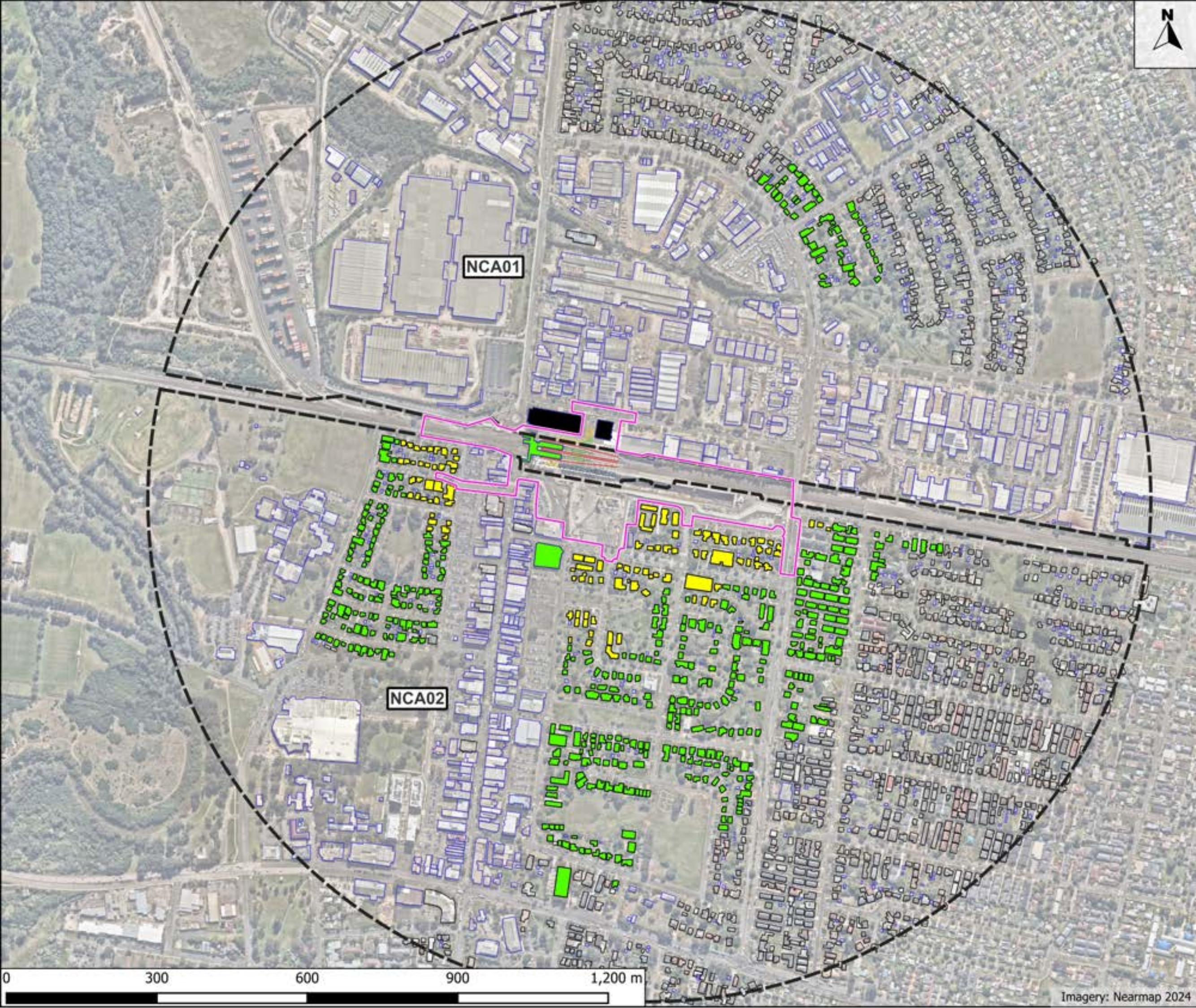
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w013  
 w003+w004  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





- Legend**
- Project Boundary
  - Receivers**
    - Residential
    - Other Sensitive Receivers  - Noise Impact**
    - 1-10 dB
    - 11-20 dB
    - 21-30 dB
    - > 30dB
    - Highly Affected

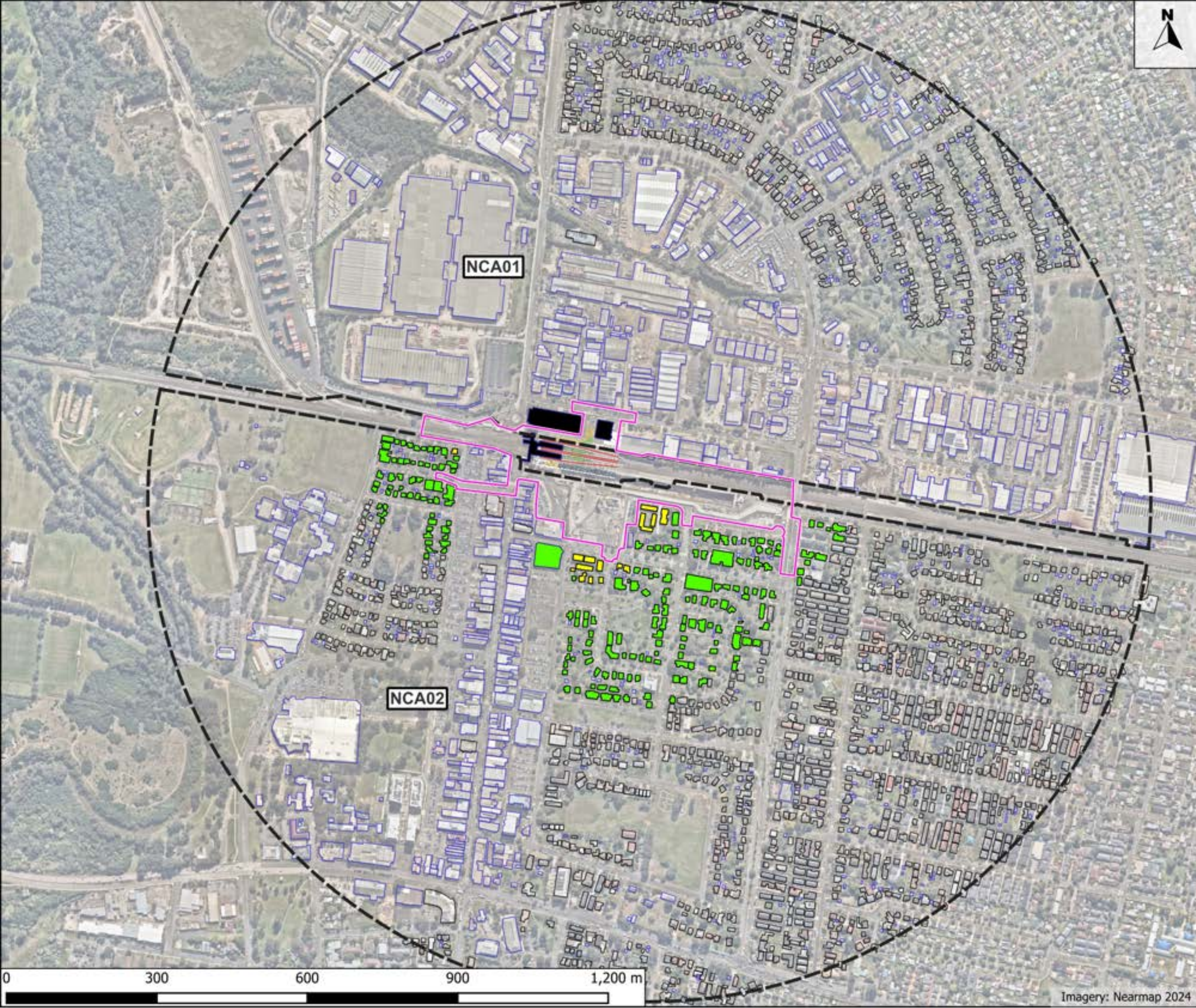
PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w013  
 w003+w004  
 OOHW 3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





**Legend**

- Project Boundary

**Receivers**

- Residential
- Other Sensitive Receivers

**Noise Impact**

- 1-10 dB
- 11-20 dB
- 21-30 dB
- > 30dB
- Highly Affected

PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w014  
 w003+w011  
 Day**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





- Legend**
- Project Boundary
  - Receivers**
    - Residential
    - Other Sensitive Receivers  - Noise Impact**
    - 1-10 dB
    - 11-20 dB
    - 21-30 dB
    - > 30dB
    - Highly Affected

PROJECT:  
**Footbridge at St Marys Station  
 DNVIS**

PREPARED FOR:  
**Laing O'Rourke Australia  
 Construction Pty Ltd**

TITLE:  
**w014  
 w003+w011  
 OOHW 3**

PROJECT No.:	REVISION:
<b>2305915.03</b>	<b>A</b>
PREPARED:	APPROVED:
<b>PTT</b>	<b>RML</b>
EXPORTED:	SHEET SIZE:
<b>4/10/2024</b>	<b>A3</b>





The background features a large, light gray circular shape on the right side, partially overlapping a blue triangular shape on the left. The text is centered within the gray area.

# APPENDIX B

PREDICTED NOISE LEVELS





Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
15 Australia Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	42	45	42	45	42	45	42	45	36	42	41	44	41	44	41	44	35	42	45	46	44	46		
16 Australia Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	<30	37	38	41	38	41	33	38	<30	37	37	40	36	40	30	38	41	42	41	42		
17 Australia Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	44	46	43	46	43	46	37	43	42	45	43	46	44	46	38	43	46	47	46	47		
19 Australia Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	39	42	39	42	39	42	34	39	<30	38	39	42	40	42	34	39	43	44	42	43		
20B Australia Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	<30	37	<30	37	<30	37	32	38	<30	37	37	40	38	41	32	38	41	42	41	42		
21 Australia Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	39	42	39	42	39	42	34	39	<30	38	39	42	40	42	34	39	43	44	42	43		
23 Australia Street	St Marys	Residential	47	42	42	41	52	37	41	38	41	38	41	39	42	38	41	38	41	33	39	<30	38	37	41	38	41	32	39	42	43	42	43		
24 Australia Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	35	38	36	39	30	36	39	40	39	40		
25 Australia Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	38	41	39	42	39	42	39	42	34	39	<30	38	37	41	38	41	32	39	42	43	42	43		
26 Australia Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	<30	35	<30	35	<30	35	31	36	35	38	36	39	38	40	32	37	39	40	40	41		
27 Australia Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	<30	37	38	41	38	41	33	38	<30	37	37	40	38	41	32	38	41	42	41	42		
28 Australia Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	30	36	<30	35	35	38	36	39	30	36	39	40	39	40		
30 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	<30	31	31	35	35	35	36	36	30	30	39	39	39	39		
34 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	<30	<30	<30	<30	36	36	30	30	39	39	39	39		
35 Australia Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	<30	35	<30	35	<30	35	32	37	35	38	36	39	38	40	32	37	41	42	41	42		
36 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	36	36	30	30	39	39	39	39		
37 Australia Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	<30	35	<30	35	<30	35	32	37	35	38	36	39	38	40	32	37	41	42	41	42		
38 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	31	31	35	35	35	35	<30	<30	<30	<30	39	39	39	39		
39 Australia Street	St Marys	Residential	47	42	42	41	52	37	39	38	40	38	40	39	40	38	40	38	40	33	37	<30	35	37	39	38	40	32	37	42	43	42	43		
40 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	31	31	<30	<30	35	35	36	36	30	30	39	39	40	40		
41 Australia Street	St Marys	Residential	47	42	42	41	52	37	39	37	39	38	40	<30	35	<30	35	<30	35	32	37	<30	35	36	39	38	40	32	37	41	42	41	42		
42 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	<30	<30	35	35	36	36	30	30	39	39	39	39		
43 Australia Street	St Marys	Residential	47	42	42	41	52	37	39	38	40	38	40	<30	35	38	40	<30	35	32	37	<30	35	36	39	38	40	32	37	41	42	41	42		
44 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	36	36	30	30	<30	<30	38	38		
45 Australia Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	<30	35	<30	35	<30	35	32	37	35	38	36	39	38	40	32	37	39	40	41	42		
46 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	38	38		
47 Australia Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	<30	35	<30	35	<30	35	31	36	35	38	35	38	38	40	32	37	39	40	40	41		
48 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	36	36	30	30	<30	<30	38	38		
49 Australia Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	<30	35	<30	35	<30	35	32	37	35	38	35	38	38	40	32	37	39	40	40	41		
50 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	36	36	30	30	<30	<30	39	39		
51 Australia Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	38	40	32	37	39	40	40	41		
52 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	36	36	30	30	39	39	39	39		
53 Australia Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	36	36	30	30	39	39	39	39		
54 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	36	36	30	30	<30	<30	38	38		
55 Australia Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	35	38	<30	35	<30	35	<30	35	30	36	<30	35	<30	35	36	39	30	36	39	40	39	40		
56 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	38	38		
57 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	30	30	<30	<30	<30	<30	36	36	30	30	<30	<30	39	39		
58 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	37	37		
59 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	30	30	<30	<30	<30	<30	36	36	30	30	<30	<30	39	39		
62 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	37	37		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
64 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	37	37		
65 Australia Street	St Marys	Residential	47	42	42	41	52	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	38	40		
66 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
67 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	37	37		
68 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	34	<30	<30	<30	<30	<30	<30		
69 Australia Street	St Marys	Residential	47	42	42	41	52	<30	35	<30	35	35	38	<30	35	<30	35	33	37	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	38	40		
70 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	31	31	31	31	<30	<30	<30	<30	<30	<30	32	32	<30	<30	33	33	<30	<30		
71A Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	35	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30		
71 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	38	38		
72 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	31	31	31	31	<30	<30	30	30	<30	<30	32	32	<30	<30	33	33	<30	<30		
73 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	<30	<30	31	31	<30	<30	<30	<30	<30	<30	32	32	<30	<30	<30	<30	<30	<30		
74-76 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	31	31	31	31	31	31	<30	<30	30	30	<30	<30	<30	<30	<30	<30	33	33	33	33		
75 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	<30	<30	31	31	<30	<30	<30	<30	<30	<30	32	32	<30	<30	33	33	<30	<30		
77 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	<30	<30	<30	<30	<30	<30		
78 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	31	31	31	31	30	30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	33	33	33	33		
79 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
80 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	31	31	31	31	30	30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	33	33	33	33		
81 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	32	32	<30	<30	<30	<30	<30	<30		
82 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	31	31	31	31	30	30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	32	32	33	33		
83 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	31	31	31	31	<30	<30	<30	<30	<30	<30	32	32	<30	<30	33	33	<30	<30		
84 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
85 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	31	33	<30	<30	31	33	33	34	<30	<30	<30	<30	<30	<30	32	34	<30	<30	33	34	<30	<30		
87 Australia Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	32	32	<30	<30	33	33	<30	<30		
1 Benalong Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	44	46	43	45	43	45	37	42	42	45	39	43	41	44	35	42	45	46	45	46		
2 Benalong Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	44	46	44	46	44	46	37	43	43	46	40	44	41	45	35	43	46	47	45	47		
3 Benalong Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	42	44	43	45	43	45	42	44	36	41	42	44	39	43	41	44	35	41	45	46	44	45		
4 Benalong Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	44	46	44	46	44	46	37	43	43	46	40	44	41	45	35	43	46	47	45	47		
5 Benalong Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	43	45	43	45	43	45	36	42	42	45	39	43	41	44	35	42	45	46	44	46		
6 Benalong Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	42	45	43	46	43	46	43	46	37	43	42	45	39	44	41	45	35	43	45	47	44	46		
7 Benalong Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	42	45	43	45	43	45	42	45	36	42	42	45	39	43	40	44	34	42	44	46	44	46		
8 Benalong Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	42	45	43	46	43	46	42	45	36	43	42	45	<30	42	41	45	35	43	45	47	44	46		
9 Benalong Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	41	44	43	45	42	45	42	45	36	42	41	44	37	42	40	44	34	42	44	46	<30	41		
10 Benalong Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	44	46	44	46	43	45	36	42	43	45	<30	41	41	44	35	42	45	46	44	46		
11 Benalong Street	St Marys	Residential	47	42	42	41	52	39	43	40	43	41	44	42	44	42	44	41	44	35	41	41	44	37	42	<30	40	<30	40	44	45	<30	40		
12 Benalong Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	42	45	44	46	44	46	43	46	36	43	43	46	39	44	41	45	35	43	45	47	44	46		
13 Benalong Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	43	45	42	44	42	44	35	41	42	44	37	42	40	43	34	41	44	45	<30	40		
14 Benalong Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	42	45	44	46	44	46	44	46	37	43	43	46	40	44	41	45	35	43	45	47	45	47		
15 Benalong Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	43	45	43	45	42	44	35	41	42	44	37	42	40	43	34	41	44	45	<30	40		
16 Benalong Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	45	46	44	46	44	46	37	42	43	45	40	44	41	44	35	42	45	46	44	46		
17 Benalong Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	43	45	42	44	42	44	35	41	42	44	37	42	40	43	34	41	44	45	<30	40		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
18 Benalong Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	45	46	44	46	44	46	37	42	44	46	40	44	41	44	35	42	45	46	44	46		
19 Benalong Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	41	44	43	45	43	45	42	45	35	42	42	45	<30	41	40	44	34	42	44	46	<30	41		
20 Benalong Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	45	46	44	46	44	46	37	42	44	46	40	44	41	44	35	42	45	46	44	46		
21 Benalong Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	41	44	44	46	43	45	43	45	36	42	42	45	39	43	40	44	34	42	44	46	44	46		
23 Benalong Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	44	45	43	45	43	45	36	41	42	44	39	43	40	43	34	41	44	45	44	45		
1 Birch Street	North St Marys	Residential	48	43	43	43	53	37	40	38	41	38	41	39	41	39	41	39	41	32	38	<30	37	<30	37	40	42	34	39	41	42	42	43		
2 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	<30	35	38	40	38	40	31	36	<30	35	37	39	38	40	32	37	<30	35	41	42		
3 Birch Street	North St Marys	Residential	48	43	43	43	53	37	40	38	41	38	41	39	41	39	41	39	41	32	38	<30	37	39	41	40	42	34	39	41	42	42	43		
4 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	37	39	<30	35	<30	35	<30	35	41	42		
5 Birch Street	North St Marys	Residential	48	43	43	43	53	37	40	38	41	<30	37	39	41	39	41	39	41	33	38	<30	37	39	41	40	42	34	39	42	43	42	43		
6 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	<30	35	<30	35	<30	35	41	42	41	42		
7 Birch Street	North St Marys	Residential	48	43	43	43	53	37	40	38	41	38	41	39	41	40	42	39	41	33	38	39	41	39	41	40	42	34	39	42	43	42	43		
8 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	<30	35	<30	35	<30	35	41	42	41	42		
9 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	<30	<30	39	39	39	39	39	39	32	32	<30	<30	<30	<30	40	40	34	34	41	41	42	42		
10 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	37	39	<30	35	<30	35	41	42	41	42		
11 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	38	38	39	39	38	38	39	39	32	32	<30	<30	<30	<30	40	40	34	34	41	41	42	42		
12 Birch Street	North St Marys	Residential	48	43	43	43	53	36	36	37	37	38	38	<30	<30	<30	<30	38	38	32	32	<30	<30	37	37	<30	<30	<30	<30	<30	<30	41	41		
13 Birch Street	North St Marys	Residential	48	43	43	43	53	37	39	38	40	<30	35	39	40	39	40	39	40	33	37	<30	35	39	40	40	41	34	38	41	42	42	43		
14 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	<30	35	40	41	34	38	41	42	42	43		
15 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	<30	<30	39	39	39	39	39	39	33	33	<30	<30	39	39	41	41	35	35	42	42	42	42		
16 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	<30	35	40	41	34	38	41	42	42	43		
17 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	<30	<30	<30	<30	39	39	39	39	33	33	<30	<30	39	39	41	41	35	35	42	42	42	42		
18 Birch Street	North St Marys	Residential	48	43	43	43	53	37	39	38	40	38	40	39	40	38	40	38	40	32	37	<30	35	<30	35	40	41	34	38	41	42	42	43		
19 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	<30	<30	39	39	39	39	39	39	33	33	<30	<30	39	39	41	41	35	35	42	42	42	42		
20 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	<30	35	40	41	34	38	41	42	42	43		
21 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	<30	<30	39	39	39	39	39	39	33	33	<30	<30	39	39	41	41	35	35	42	42	42	42		
22 Birch Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	38	40	38	40	32	37	<30	35	<30	35	40	41	34	38	41	42	42	43		
23 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	<30	<30	39	39	38	38	39	39	32	32	<30	<30	39	39	41	41	35	35	41	41	42	42		
24 Birch Street	North St Marys	Residential	48	43	43	43	53	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	31	31	35	35	<30	<30	40	40	34	34	39	39	42	42		
25 Birch Street	North St Marys	Residential	48	43	43	43	53	37	37	38	38	38	38	39	39	38	38	38	38	32	32	<30	<30	39	39	41	41	35	35	41	41	42	42		
26 Birch Street	North St Marys	Residential	48	43	43	43	53	35	35	<30	<30	38	38	<30	<30	<30	<30	38	38	31	31	35	35	37	37	40	40	34	34	39	39	41	41		
27 Birch Street	North St Marys	Residential	48	43	43	43	53	36	36	37	37	38	38	<30	<30	<30	<30	38	38	32	32	<30	<30	<30	<30	40	40	34	34	41	41	42	42		
28 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	37	39	<30	35	<30	35	<30	35	30	36	35	38	37	39	40	41	34	38	39	40	41	42		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
29 Birch Street	North St Marys	Residential	48	43	43	43	53	36	36	37	37	38	38	39	39	38	38	38	38	32	32	<30	<30	39	39	40	40	34	34	41	41	42	42		
30 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	37	37	40	40	34	34	39	39	41	41	
31 Birch Street	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	<30	37	<30	37	38	41	31	38	<30	37	39	41	41	42	35	39	<30	37	42	43		
32 Birch Street	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	<30	37	<30	37	<30	37	<30	37	35	39	39	41	41	42	35	39	39	41	42	43		
33 Birch Street	North St Marys	Residential	48	43	43	43	53	36	40	<30	37	38	41	<30	37	<30	37	38	41	31	38	<30	37	39	41	41	42	35	39	<30	37	42	43		
34 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	35	39	<30	37	<30	37	<30	37	<30	37	35	39	37	40	40	42	34	39	<30	37	41	42		
35 Birch Street	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	<30	37	<30	37	<30	37	30	38	35	39	<30	37	40	42	34	39	39	41	42	43		
36 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	35	39	<30	37	<30	37	<30	37	<30	37	<30	37	37	40	40	42	34	39	<30	37	41	42		
37 Birch Street	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	<30	37	<30	37	<30	37	30	38	35	39	<30	37	40	42	34	39	39	41	41	42		
38 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	40	40		
39 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	38	<30	38	37	41	<30	38	<30	38	<30	38	<30	38	35	40	37	41	41	43	35	40	39	42	42	43		
40 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	40	40		
41 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	35	39	<30	37	<30	37	<30	37	<30	37	35	39	37	40	40	42	34	39	<30	37	41	42		
42 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	39	39		
43 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	35	39	<30	37	<30	37	<30	37	<30	37	<30	37	36	40	<30	37	<30	37	<30	37	40	42		
44 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	31	38	31	38	31	38	31	38	<30	37	30	38	<30	37	38	41	32	38	<30	37	40	42		
45 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	38	<30	38	35	40	<30	38	<30	38	<30	38	<30	38	<30	38	35	40	40	42	34	39	<30	38	41	43		
46 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	37	30	38	31	38	31	38	<30	37	31	38	<30	37	30	38	<30	37	38	41	32	38	<30	37	39	41		
47 Birch Street	North St Marys	Residential	48	43	43	43	53	<30	38	<30	38	34	39	<30	38	<30	38	33	39	<30	38	<30	38	<30	38	40	42	34	39	<30	38	41	43		
5 Blair Avenue	St Marys	Residential	47	42	42	41	52	47	51	48	52	49	52	52	54	52	54	52	54	43	50	51	53	48	52	50	53	44	50	52	54	52	54		
6-10 Blair Avenue	St Marys	Residential	47	42	42	41	52	47	51	48	51	49	52	51	53	51	53	51	53	43	49	50	52	48	51	50	52	44	49	51	53	52	53		
7 Blair Avenue	St Marys	Residential	47	42	42	41	52	47	51	47	51	48	51	51	53	51	53	51	53	42	49	50	52	48	51	49	52	43	49	51	53	52	53		
9 Blair Avenue	St Marys	Residential	47	42	42	41	52	46	50	47	50	47	50	50	52	50	52	50	52	41	48	49	51	47	50	49	51	43	48	50	52	51	52		
10 Blair Avenue	St Marys	Residential	47	42	42	41	52	46	50	47	51	48	51	51	53	50	52	50	52	42	49	49	52	47	51	49	52	43	49	51	53	51	53		
11 Blair Avenue	St Marys	Residential	47	42	42	41	52	45	49	46	49	47	50	50	51	49	51	49	51	41	47	48	50	46	49	48	50	42	47	50	51	50	51		
12 Blair Avenue	St Marys	Residential	47	42	42	41	52	46	49	47	50	48	50	51	52	51	52	50	51	42	47	50	51	47	50	49	51	43	48	50	51	51	52		
13 Blair Avenue	St Marys	Residential	47	42	42	41	52	45	49	45	49	46	49	49	51	48	50	48	50	40	47	47	50	46	49	48	50	42	47	49	51	50	51		
14 Blair Avenue	St Marys	Residential	47	42	42	41	52	46	50	47	50	48	51	50	52	50	52	49	51	41	48	49	51	46	50	49	51	43	48	50	52	51	52		
15 Blair Avenue	St Marys	Residential	47	42	42	41	52	44	48	45	48	46	49	48	50	48	50	47	49	40	46	47	49	45	48	47	49	41	46	49	50	49	50		
16 Blair Avenue	St Marys	Residential	47	42	42	41	52	46	49	47	50	47	50	50	51	49	51	49	51	41	47	48	50	45	49	48	50	42	47	50	51	50	51		
17 Blair Avenue	St Marys	Residential	47	42	42	41	52	44	48	45	48	46	49	48	50	48	50	48	50	40	46	47	49	45	48	47	49	41	46	49	50	49	50		
18 Blair Avenue	St Marys	Residential	47	42	42	41	52	45	48	46	49	47	49	49	50	49	50	49	50	41	46	48	50	45	48	48	50	42	47	50	51	50	51		
19 Blair Avenue	St Marys	Residential	47	42	42	41	52	44	47	45	48	46	48	49	50	48	49	48	49	40	45	47	49	45	48	47	49	41	46	49	50	49	50		
20 Blair Avenue	St Marys	Residential	47	42	42	41	52	45	49	46	49	47	50	49	51	49	51	48	50	41	47	48	50	44	48	47	50	41	47	49	51	50	51		
21 Blair Avenue	St Marys	Residential	47	42	42	41	52	44	47	45	48	46	48	48	49	48	49	47	49	40	45	47	49	45	48	47	49	41	46	49	50	49	50		









Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																												
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014				
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>			
189 Canberra Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	38	38	
190 Canberra Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	38	38
191 Canberra Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	38	38
2-10 Carinya Avenue	St Marys	Commercial	70	70	70	70	0	38	41	38	41	<30	37	<30	37	40	42	39	41	33	38	39	41	36	40	38	41	32	38	42	43	41	42	41	42	
29 Carinya Avenue	St Marys	Medical	65	65	65	65	0	41	44	42	44	42	44	43	45	43	45	42	44	36	41	42	44	39	43	41	44	35	41	45	46	44	45	44	45	
32-52 Carinya Avenue	St Marys	Commercial	70	70	70	70	0	41	44	42	45	42	45	43	45	43	45	42	45	36	42	42	45	39	43	41	44	35	42	45	46	44	46	44	46	
33 Carinya Avenue	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	44	46	44	46	43	45	37	42	43	45	40	44	41	44	35	42	46	47	45	46	45	46	
35 Carinya Avenue	St Marys	Residential	47	42	42	41	52	42	45	43	46	44	46	45	47	45	47	44	46	38	43	44	46	41	45	<30	42	<30	42	46	47	46	47	46	47	
37 Carinya Avenue	St Marys	Residential	47	42	42	41	52	42	42	43	43	44	44	45	45	45	45	45	45	38	38	44	44	41	41	<30	<30	<30	<30	47	47	46	46	46	46	
39 Carinya Avenue	St Marys	Residential	47	42	42	41	52	43	47	44	47	44	47	46	48	45	48	45	48	39	45	44	47	41	46	43	47	37	45	47	49	46	48	46	48	
41 Carinya Avenue	St Marys	Residential	47	42	42	41	52	43	47	44	47	44	47	46	48	45	48	45	48	39	45	44	47	41	46	43	47	37	45	47	49	46	48	46	48	
43 Carinya Avenue	St Marys	Residential	47	42	42	41	52	43	47	44	47	44	47	46	48	45	48	45	48	39	45	44	47	41	46	43	47	37	45	47	49	46	48	46	48	
45 Carinya Avenue	St Marys	Residential	47	42	42	41	52	43	47	44	48	44	48	45	48	45	48	45	48	39	46	44	48	41	46	43	47	37	46	47	49	46	49	46	49	
47 Carinya Avenue	St Marys	Residential	47	42	42	41	52	43	47	44	48	45	48	46	49	46	49	45	48	39	46	45	48	41	46	43	47	37	46	47	49	47	49	47	49	
49 Carinya Avenue	St Marys	Residential	47	42	42	41	52	44	48	45	49	45	49	47	50	46	49	46	49	40	47	45	49	41	47	44	48	38	47	48	50	47	50	47	50	
51 Carinya Avenue	St Marys	Residential	47	42	42	41	52	45	49	46	50	46	50	48	51	48	51	47	50	41	48	47	50	<30	47	45	49	39	48	49	51	49	51	49	51	
53 Carinya Avenue	St Marys	Residential	47	42	42	41	52	46	50	47	51	47	51	50	52	50	52	49	52	42	49	49	52	44	49	46	50	40	49	50	52	49	52	49	52	
55 Carinya Avenue	St Marys	Residential	47	42	42	41	52	47	51	48	51	48	51	51	53	51	53	50	52	43	49	50	52	45	50	47	51	41	49	51	53	50	52	50	52	
57 Carinya Avenue	St Marys	Residential	47	42	42	41	52	47	51	48	52	49	52	52	54	51	53	51	53	43	50	50	53	46	51	47	51	41	50	52	54	51	53	51	53	
59 Carinya Avenue	St Marys	Residential	47	42	42	41	52	48	52	49	52	49	52	52	54	52	54	51	53	44	50	51	53	46	51	48	52	42	50	52	54	51	53	51	53	
63 Carinya Avenue	St Marys	Residential	47	42	42	41	52	50	53	51	54	51	54	54	55	54	55	54	55	45	51	53	55	48	52	50	53	44	51	54	55	53	55	53	55	
69 Carinya Avenue	St Marys	Residential	47	42	42	41	52	51	54	52	55	52	55	55	56	55	56	54	56	46	52	54	56	49	53	51	54	45	52	55	56	54	56	54	56	
71 Carinya Avenue	St Marys	Residential	47	42	42	41	52	51	55	52	55	52	55	55	57	55	57	55	57	47	53	54	56	50	54	51	55	45	53	55	57	55	57	55	57	
73 Carinya Avenue	St Marys	Residential	47	42	42	41	52	51	55	52	56	53	56	56	58	55	57	55	57	47	54	54	57	50	55	52	56	46	54	55	57	55	57	55	57	
75 Carinya Avenue	St Marys	Residential	47	42	42	41	52	51	55	52	55	52	55	56	57	56	57	55	57	47	53	55	57	50	54	55	57	49	54	55	57	57	57	57	58	
78 Carinya Avenue	St Marys	Commercial	70	70	70	70	0	54	58	55	59	55	59	59	61	59	61	58	60	50	57	58	60	53	58	56	59	50	57	58	60	58	60	58	60	
31 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
32 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30
33 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	38	38	
34 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	38	38	
35 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	38	38	
36 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	38	38	
37 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	38	38	
38 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	38	38	38	38	38	38	
39 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	38	38	
40-42 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	36	36	36	36	30	30	<30	<30	39	39	39	39	39	39	
41 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	38	38	



Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax		
78 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	36	36	30	30	<30	<30	37	37		
80 Catalina Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	<30	<30	<30	<30	<30	<30	37	37		
1 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	39	40	40	41	41	42	42	41	41	41	41	34	34	40	40	41	41	41	41	35	35	43	43	44	44		
2 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	42	40	42	41	43	40	42	<30	38	33	39	39	42	40	42	41	43	35	40	42	43	42	43		
3 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	39	40	40	41	41	42	42	41	41	41	41	34	34	40	40	41	41	<30	<30	<30	<30	43	43	44	44		
4 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	42	40	42	41	43	40	42	<30	38	33	39	40	42	40	42	41	43	35	40	42	43	<30	38		
5 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	42	40	42	41	43	42	43	41	43	41	43	34	39	40	42	41	43	<30	38	<30	38	43	44	44	45		
6 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	42	40	42	41	43	40	42	<30	38	33	39	40	42	40	42	41	43	35	40	42	43	<30	38		
7 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	42	40	42	41	43	42	43	41	43	41	43	34	39	40	42	41	43	<30	38	<30	38	43	44	44	45		
8 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	42	40	42	41	43	40	42	<30	38	33	39	39	42	40	42	41	43	35	40	42	43	<30	38		
9 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	42	39	42	41	43	41	43	41	43	41	43	34	39	40	42	40	42	<30	38	<30	38	43	44	44	45		
10 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	42	40	42	41	43	40	42	39	42	34	39	39	42	40	42	41	43	35	40	43	44	42	43		
11 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	42	40	42	41	43	41	43	41	43	41	43	34	39	40	42	40	42	<30	38	<30	38	43	44	44	45		
12 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	41	40	42	41	42	40	42	39	41	33	38	39	41	40	42	41	42	35	39	42	43	42	43		
13 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	42	39	42	40	42	41	43	40	42	41	43	34	39	40	42	40	42	<30	38	<30	38	43	44	44	45		
14 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	41	40	42	41	42	40	42	39	41	34	39	39	41	40	42	41	42	35	39	42	43	42	43		
15 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	42	40	42	41	43	41	43	41	43	41	43	34	39	40	42	40	42	<30	38	<30	38	43	44	44	45		
16 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	41	40	42	41	42	40	42	<30	37	34	39	39	41	40	42	41	42	35	39	42	43	<30	37		
18 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	41	40	42	<30	37	40	42	39	41	33	38	39	41	40	42	41	42	35	39	42	43	<30	37		
19 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	42	40	42	41	43	41	43	41	43	41	43	34	39	40	42	41	43	43	44	37	41	43	44	44	45		
20 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	41	40	42	<30	37	40	42	39	41	33	38	39	41	40	42	41	42	35	39	42	43	<30	37		
21 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	42	40	42	41	43	40	42	39	42	34	39	39	42	40	42	<30	38	<30	38	43	44	44	45		
22 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	39	41	40	42	<30	37	39	41	39	41	33	38	39	41	40	42	41	42	35	39	42	43	<30	37		
23 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	42	44	41	44	41	44	34	41	40	43	41	44	43	45	37	42	43	45	45	46		
24 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	38	41	38	41	<30	37	39	41	39	41	39	41	33	38	<30	37	39	41	41	42	35	39	42	43	<30	37		
25 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	37	41	38	41	<30	38	39	42	39	42	39	42	33	39	<30	38	39	42	41	43	35	40	42	43	<30	38		
26 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	37	40	38	41	<30	37	39	41	38	41	39	41	33	38	<30	37	39	41	41	42	35	39	42	43	42	43		
27 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	37	40	38	41	<30	37	39	41	38	41	39	41	33	38	<30	37	39	41	41	42	35	39	42	43	42	43		
28 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	37	40	38	41	38	41	39	41	38	41	38	41	32	38	<30	37	39	41	41	42	35	39	41	42	42	43		
29 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	39	41	38	41	38	41	32	38	<30	37	39	41	41	42	35	39	41	42	42	43		
30 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	39	41	38	41	38	41	32	38	<30	37	39	41	41	42	35	39	41	42	42	43		
31 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	<30	37	<30	37	38	41	32	38	<30	37	39	41	40	42	34	39	41	42	42	43		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
32 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	39	41	38	41	38	41	31	38	<30	37	39	41	41	42	35	39	41	42	42	43		
33 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	36	40	<30	37	38	41	<30	37	<30	37	<30	37	31	38	35	39	<30	37	40	42	34	39	<30	37	42	43		
34 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	36	40	<30	37	38	41	<30	37	<30	37	<30	37	31	38	<30	37	39	41	41	42	35	39	<30	37	42	43		
35 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	35	40	<30	38	37	41	<30	38	<30	38	<30	38	30	39	35	40	37	41	40	42	34	39	39	42	42	43		
36B Cedar Crescent	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	<30	37	<30	37	<30	37	30	38	35	39	<30	37	40	42	34	39	39	41	42	43		
38 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	<30	37	<30	37	<30	37	30	38	35	39	37	40	40	42	34	39	39	41	41	42		
40 Cedar Crescent	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	<30	37	<30	37	<30	37	30	38	35	39	37	40	40	42	34	39	39	41	41	42		
1 Champness Crescent	St Marys	Residential	47	42	42	41	52	45	50	46	50	47	51	48	51	47	51	47	51	41	49	46	50	44	49	47	51	41	49	49	52	50	52		
2 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	50	47	51	48	51	48	51	48	51	48	51	42	49	47	51	46	50	48	51	42	49	50	52	51	53		
3 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	51	47	51	47	51	48	52	48	52	47	51	41	50	47	51	45	50	48	52	42	50	50	53	51	53		
4 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	51	47	51	48	52	49	52	48	52	48	52	42	50	47	51	46	51	48	52	42	50	51	53	51	53		
5 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	51	47	52	47	52	48	52	48	52	47	52	41	51	47	52	46	51	48	52	42	51	50	53	50	53		
6 Champness Crescent	St Marys	Residential	47	42	42	41	52	47	51	48	51	48	51	49	52	49	52	49	52	42	49	48	51	47	51	49	52	43	49	51	53	52	53		
7 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	51	46	51	47	52	48	52	48	52	47	52	41	51	47	52	46	51	48	52	42	51	50	53	50	53		
8 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	50	47	50	48	51	49	51	49	51	48	51	42	48	48	51	47	50	49	51	43	48	51	52	51	52		
9 Champness Crescent	St Marys	Residential	47	42	42	41	52	45	50	46	51	47	51	48	52	47	51	47	51	41	50	46	51	45	50	48	52	42	50	49	52	50	53		
10 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	50	47	50	48	51	49	51	48	51	48	51	42	48	47	50	46	50	49	51	43	48	50	52	51	52		
11 Champness Crescent	St Marys	Residential	47	42	42	41	52	44	49	45	50	46	50	47	51	46	50	46	50	40	49	45	50	44	49	47	51	41	49	49	52	49	52		
12 Champness Crescent	St Marys	Residential	47	42	42	41	52	46	50	46	50	47	50	48	51	47	50	47	50	41	48	47	50	46	50	48	51	42	48	50	52	50	52		
13 Champness Crescent	St Marys	Residential	47	42	42	41	52	44	49	45	49	46	50	46	50	46	50	46	50	40	48	45	49	44	49	47	50	41	48	48	51	49	51		
14 Champness Crescent	St Marys	Residential	47	42	42	41	52	45	48	46	49	46	49	47	49	47	49	47	49	40	46	46	49	45	48	47	49	41	46	49	50	50	51		
16 Champness Crescent	St Marys	Residential	47	42	42	41	52	44	47	45	48	45	48	46	48	45	48	45	48	39	45	44	47	44	47	46	48	40	45	48	49	48	49		
17 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	48	44	48	45	49	46	49	45	49	45	49	39	47	44	48	<30	46	46	49	40	47	47	50	48	50		
18-20 Champness Crescent	St Marys	Residential	47	42	42	41	52	44	48	44	48	45	48	46	49	45	48	45	48	39	46	44	48	44	48	46	49	40	46	48	50	48	50		
19 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	47	43	47	44	47	45	48	44	47	44	47	38	45	44	47	41	46	45	48	39	45	47	49	47	49		
21 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	48	44	48	44	48	45	49	45	49	44	48	38	47	44	48	41	47	45	49	39	47	47	50	48	50		
22 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	48	44	49	45	49	45	49	45	49	45	49	39	48	44	49	43	48	46	50	40	48	47	50	48	51		
24 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	48	44	48	44	48	45	49	45	49	44	48	38	47	44	48	43	48	46	49	40	47	47	50	48	50		
25 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	48	44	49	44	49	46	50	45	49	45	49	39	48	45	49	<30	47	45	49	39	48	47	50	48	51		
26 Champness Crescent	St Marys	Residential	47	42	42	41	52	42	47	43	47	44	48	44	48	44	48	44	48	38	46	43	47	41	46	45	48	39	46	46	49	47	49		
27 Champness Crescent	St Marys	Residential	47	42	42	41	52	44	49	44	49	45	49	47	50	46	50	46	50	39	48	45	49	<30	47	46	50	40	48	48	51	48	51		
28 Champness Crescent	St Marys	Residential	47	42	42	41	52	42	46	43	47	43	47	44	47	44	47	43	47	38	45	43	47	41	46	45	48	39	45	46	48	47	49		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
30 Champness Crescent	St Marys	Residential	47	42	42	41	52	41	45	42	45	42	45	43	46	43	46	42	45	37	43	42	45	40	44	43	46	37	43	45	47	46	47		
32 Champness Crescent	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	43	46	43	46	42	45	37	43	42	45	40	44	44	46	38	43	45	47	46	47		
34 Champness Crescent	St Marys	Residential	47	42	42	41	52	41	45	42	45	42	45	43	46	42	45	42	45	36	43	41	45	39	44	43	46	37	43	45	47	46	47		
36 Champness Crescent	St Marys	Residential	47	42	42	41	52	41	46	42	47	43	47	43	47	43	47	42	47	37	46	42	47	40	46	44	48	38	46	45	48	46	49		
38 Champness Crescent	St Marys	Residential	47	42	42	41	52	42	47	42	47	43	48	43	48	43	48	42	47	37	47	42	47	40	47	44	48	38	47	46	49	46	49		
40 Champness Crescent	St Marys	Residential	47	42	42	41	52	42	47	43	47	43	47	45	48	44	48	44	48	38	46	43	47	41	46	44	48	38	46	46	49	47	49		
42 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	47	43	47	44	47	46	48	46	48	45	48	38	45	45	48	41	46	45	48	39	45	47	49	47	49		
44 Champness Crescent	St Marys	Residential	47	42	42	41	52	43	46	43	46	44	46	46	47	46	47	45	47	38	43	45	47	41	45	45	47	39	44	47	48	47	48		
1 Chapel Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	39	42	39	42	38	41	34	39	<30	38	36	40	40	42	34	39	42	43	42	43		
2 Chapel Street	St Marys	Residential	47	42	42	41	52	38	41	38	41	<30	37	39	41	38	41	38	41	33	38	<30	37	36	40	40	42	34	39	42	43	42	43		
3 Chapel Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	39	42	39	42	38	41	34	39	<30	38	36	40	40	42	34	39	42	43	42	43		
4 Chapel Street	St Marys	Residential	47	42	42	41	52	38	43	39	43	<30	41	39	43	39	43	38	43	34	42	<30	41	36	42	40	44	34	42	42	45	42	45		
5 Chapel Street	St Marys	Residential	47	42	42	41	52	38	41	39	41	<30	37	39	41	39	41	38	41	33	38	<30	37	36	40	40	42	34	39	42	43	42	43		
6 Chapel Street	St Marys	Residential	47	42	42	41	52	38	43	39	44	40	44	39	44	39	44	39	44	34	43	<30	42	36	43	41	45	35	43	42	45	<30	42		
7 Chapel Street	St Marys	Residential	47	42	42	41	52	39	42	39	42	40	42	41	43	40	42	39	42	34	39	39	42	37	41	40	42	34	39	43	44	42	43		
8 Chapel Street	St Marys	Residential	47	42	42	41	52	39	44	39	44	40	44	39	44	39	44	39	44	34	43	<30	42	36	43	40	44	34	43	43	46	<30	42		
9 Chapel Street	St Marys	Residential	47	42	42	41	52	40	44	40	44	41	45	42	45	42	45	42	45	35	43	41	45	37	43	41	45	35	43	44	46	44	46		
10-16 Chapel Street	St Marys	Residential	47	42	42	41	52	39	43	40	44	41	44	41	44	41	44	39	43	35	42	40	44	37	42	41	44	35	42	43	45	<30	41		
11 Chapel Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	44	46	44	46	43	46	37	43	43	46	39	44	43	46	37	43	45	47	46	47		
12 Chapel Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	42	44	42	44	41	44	35	41	41	44	37	42	41	44	35	41	44	45	44	45		
14 Chapel Street	St Marys	Residential	47	42	42	41	52	40	44	41	45	42	45	43	46	43	46	42	45	36	43	42	45	<30	42	41	45	35	43	44	46	45	47		
16 Chapel Street	St Marys	Residential	47	42	42	41	52	40	44	41	45	42	45	43	46	43	46	42	45	36	43	42	45	<30	42	<30	42	<30	42	44	46	45	47		
18 Chapel Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	44	46	44	46	43	45	37	42	43	45	39	43	43	45	37	42	45	46	45	46		
19-21 Chapel Street	St Marys	Residential	47	42	42	41	52	42	45	42	45	43	46	45	47	44	46	44	46	37	43	44	46	40	44	43	46	37	43	46	47	46	47		
20 Chapel Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	44	46	44	46	43	45	37	42	43	45	40	44	43	45	37	42	45	46	45	46		
22 Chapel Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	44	46	44	46	43	46	37	43	43	46	41	45	44	46	38	43	45	47	46	47		
24 Chapel Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	44	46	44	46	44	46	36	42	43	45	41	44	44	46	38	43	45	46	46	47		
26 Chapel Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	45	46	44	46	44	46	36	42	43	45	41	44	44	46	38	43	45	46	46	47		
28 Chapel Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	44	46	46	47	46	47	46	47	37	43	45	47	43	46	45	47	39	44	46	47	47	48		
30 Chapel Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	45	47	45	47	44	46	37	43	44	46	43	46	44	46	38	43	46	47	46	47		
32 Chapel Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	45	47	45	47	44	46	37	43	44	46	43	46	44	46	38	43	46	47	46	47		
36 Chapel Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	45	46	45	46	44	46	37	42	44	46	<30	41	44	46	38	43	45	46	46	47		
38-40 Chapel Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	45	46	45	46	44	46	36	42	44	46	<30	41	44	46	38	43	45	46	46	47		
42 Chapel Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	45	46	45	46	45	46	37	42	44	46	<30	41	44	46	38	43	45	46	46	47		
44 Chapel Street	St Marys	Commercial	70	70	70	70	0	40	43	41	44	42	44	45	46	44	45	44	45	36	41	43	45	41	44	43	45	37	42	45	46	45	46		
47 Chapel Street	St Marys	Commercial	70	70	70	70	0	42	45	42	45	43	46	46	47	45	47	45	47	37	43	44	46	43	46	44	46	38	43	46	47	46	47		
50-52 Chapel Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	42	43	41	43	41	43	35	40	41	43	39	42	41	43	35	40	44	45	42	43		
1 Charles Hackett Drive	St Marys	Active Recreation	65	65	65	65	0	38	41	39	42	38	41	41	43	40	42	39	42	33	39	39	42	36	40	38	41	32	39	42	43	41	43		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax		
10 Charles Hackett Drive	St Marys	Commercial	70	70	70	70	0	36	39	37	39	38	40	39	40	39	40	38	40	32	37	35	38	36	39	36	39	30	36	41	42	40	41		
22 Charles Hackett Drive	St Marys	Public Building	60	60	60	60	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
1 Chesham Street	St Marys	Residential	47	42	42	41	52	48	53	49	53	50	54	50	54	50	54	49	53	44	52	49	53	48	53	49	53	43	52	52	55	52	55		
2 Chesham Street	St Marys	Residential	47	42	42	41	52	48	53	49	53	50	54	50	54	50	54	50	54	44	52	49	53	49	53	50	54	44	52	52	55	53	55		
3 Chesham Street	St Marys	Residential	47	42	42	41	52	49	54	50	54	51	55	52	55	51	55	51	55	44	53	50	54	50	54	51	55	45	53	53	56	53	56		
4 Chesham Street	St Marys	Residential	47	42	42	41	52	49	54	50	55	51	55	52	56	51	55	51	55	44	54	50	55	50	55	51	55	45	54	53	56	53	56		
5 Chesham Street	St Marys	Residential	47	42	42	41	52	49	54	50	55	51	55	52	56	51	55	51	55	45	54	50	55	50	55	51	55	45	54	53	56	53	56		
6 Chesham Street	St Marys	Residential	47	42	42	41	52	49	54	50	54	51	55	51	55	51	55	51	55	44	53	50	54	49	54	50	54	44	53	53	56	53	56		
7 Chesham Street	St Marys	Residential	47	42	42	41	52	49	55	50	55	51	56	52	56	51	56	51	56	44	54	51	56	50	55	51	56	45	55	53	57	53	57		
8 Chesham Street	St Marys	Residential	47	42	42	41	52	48	56	49	56	51	56	53	57	52	57	52	57	44	55	51	56	52	57	52	57	46	56	53	57	54	58		
9 Chesham Street	St Marys	Residential	47	42	42	41	52	48	54	49	54	50	55	52	56	52	56	51	55	44	54	51	55	50	55	50	55	44	54	53	56	53	56		
10A Chesham Street	St Marys	Residential	47	42	42	41	52	47	54	48	54	49	54	51	55	50	55	50	55	43	53	49	54	49	54	49	54	43	53	52	56	52	56		
10 Chesham Street	St Marys	Residential	47	42	42	41	52	47	52	48	52	48	52	49	53	49	53	49	53	42	51	48	52	47	52	48	52	42	51	51	54	51	54		
2A Collins Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	<30	35	39	40	39	40	31	36	39	40	37	39	<30	35	<30	35	<30	35	41	42		
2 Collins Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	39	39	39	39	38	38	31	31	<30	<30	36	36	38	38	32	32	39	39	40	40		
4 Collins Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	35	35	39	39	38	38	38	38	30	30	<30	<30	<30	<30	36	36	30	30	39	39	39	39		
10 Collins Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
3 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
4 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
5 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	36	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
8 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37		
9 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37		
10 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37		
11 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	36	<30	<30	<30	<30	<30	<30	<30	<30	37	38		
12 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	36	<30	<30	<30	<30	<30	<30	<30	<30	37	38		
13 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
15 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
18 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	31	33	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30			
19 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	31	33	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30			
20 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	31	33	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30			
21 Coorlong Place	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	31	33	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30			
6 Crana Street	St Marys	Commercial	70	70	70	70	0	38	41	39	42	38	41	39	42	40	42	39	42	33	39	39	42	36	40	38	41	32	39	42	43	42	43		
31 Cutler Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	31	31		
33 Cutler Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	32	32		
35 Cutler Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	32	32		
44 Cutler Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	32	32		
46 Cutler Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	32	32		
48 Cutler Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	32	32		
50 Cutler Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	32	32		
2 Debrincat Avenue	North St Marys	Residential	48	43	43	43	53	39	43	40	44	41	44	42	45	42	45	42	45	35	42	41	44	41	44	<30	41	<30	41	44	46	45	46		





Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
2 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	35	38	37	39	38	40	32	37	<30	35	39	40		
3 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	35	38	37	39	<30	35	<30	35	<30	35	39	40		
4 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	35	38	37	39	<30	35	<30	35	<30	35	39	40		
5 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	35	38	37	39	<30	35	<30	35	<30	35	39	40		
6 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	35	38	37	39	<30	35	<30	35	<30	35	39	40		
7 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	37	37	36	36	30	30	<30	<30	38	38		
8 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	37	39	<30	35	<30	35	<30	35	38	40		
9 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	35	38	37	39	38	40	32	37	<30	35	39	40		
10 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	38	38	32	32	39	39	40	40		
11 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	39	39	38	38	32	32	39	39	40	40		
12 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	37	40	<30	37	<30	37	38	41	<30	37	<30	37	39	41	38	41	32	38	39	41	40	42		
13 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	37	40	<30	37	<30	37	<30	37	<30	37	<30	37	<30	37	38	41	32	38	39	41	40	42		
14 Elm Street	North St Marys	Residential	48	43	43	43	53	<30	38	<30	38	38	41	39	42	38	41	38	41	30	39	<30	38	40	42	<30	38	<30	38	39	42	41	43		
10 Forrester Road	St Marys	Industrial	75	75	75	75	0	51	61	51	61	54	62	56	62	55	62	56	62	45	61	55	62	57	62	59	63	53	62	56	62	60	64		
40 Forrester Road	St Marys	Industrial	75	75	75	75	0	40	46	40	46	41	46	43	47	43	47	42	47	35	45	42	47	39	46	45	48	39	46	44	48	46	49		
59 Forrester Road	North St Marys	Industrial	75	75	75	75	0	48	51	49	51	49	51	52	53	51	52	51	52	43	48	51	52	46	50	47	50	41	48	52	53	51	52		
61 Forrester Road	North St Marys	Industrial	75	75	75	75	0	45	48	46	49	47	49	47	49	47	49	46	49	41	46	46	49	45	48	48	50	42	47	49	50	50	51		
65 Forrester Road	North St Marys	Industrial	75	75	75	75	0	45	52	46	52	47	52	48	53	47	52	47	52	40	51	46	52	48	53	50	54	44	52	50	54	51	54		
69 Forrester Road	North St Marys	Industrial	75	75	75	75	0	42	46	43	47	44	47	44	47	43	47	44	47	37	45	43	47	45	48	45	48	39	45	46	48	47	49		
73 Forrester Road	North St Marys	Industrial	75	75	75	75	0	45	50	46	51	47	51	49	52	48	52	48	52	40	50	47	51	50	53	50	53	44	50	50	53	51	53		
75-77 Forrester Road	North St Marys	Industrial	75	75	75	75	0	47	51	48	52	49	52	50	53	50	53	50	53	42	50	49	52	49	52	50	53	44	50	51	53	52	54		
81 Forrester Road	North St Marys	Hotel	70	70	70	60	0	37	42	39	43	40	44	42	45	41	44	41	44	33	42	40	44	41	44	41	44	35	42	42	45	44	46		
90-96 Forrester Road	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	36	36	30	30	<30	<30	39	39		
91 Forrester Road	North St Marys	Industrial	75	75	75	75	0	38	43	39	44	41	45	43	46	42	45	42	45	34	43	41	45	43	46	43	46	37	43	43	46	44	46		
101-103 Forrester Road	North St Marys	Industrial	75	75	75	75	0	37	41	38	41	38	41	39	42	38	41	39	42	32	39	35	40	41	43	41	43	35	40	42	43	42	43		
102-114 Forrester Road	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	34	34	<30	<30	31	31	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	37	37		
105 Forrester Road	North St Marys	Industrial	75	75	75	75	0	35	40	30	39	38	41	39	42	31	39	38	41	31	39	35	40	39	42	40	42	34	39	39	42	41	43		
107 Forrester Road	North St Marys	Industrial	75	75	75	75	0	<30	35	30	36	37	39	31	36	31	36	33	37	30	36	35	38	37	39	38	40	32	37	39	40	40	41		
111 Forrester Road	North St Marys	Industrial	75	75	75	75	0	<30	37	<30	37	37	40	<30	37	<30	37	33	38	30	38	35	39	39	41	38	41	32	38	39	41	41	42		
116-118 Forrester Road	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	34	34	<30	<30	31	31	33	33	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	37	37		
117 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	35	39	<30	37	<30	37	<30	37	<30	37	35	39	37	40	38	41	32	38	<30	37	39	41		
119 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	<30	37	<30	37	<30	37	<30	37	<30	37	35	39	37	40	38	41	32	38	<30	37	39	41		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax		
120-128 Forrester Road	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	<30	<30	31	31	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	37	37		
121 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	35	39	<30	37	<30	37	<30	37	<30	37	35	39	37	40	<30	37	<30	37	<30	37	39	41		
123 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	36	39	36	39	30	36	<30	35	39	40		
125 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	37	39	36	39	30	36	<30	35	38	40		
127 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	36	39	36	39	30	36	<30	35	38	40		
129 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	35	38	37	39	36	39	30	36	<30	35	38	40		
130-142 Forrester Road	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	31	31	31	31	31	31	<30	<30	30	30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
131 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	36	39	36	39	30	36	<30	35	38	40		
133 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	36	39	36	39	30	36	<30	35	38	40		
135 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	34	38	<30	35	<30	35	<30	35	<30	35	<30	35	36	39	36	39	30	36	<30	35	38	40		
137 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	36	36	30	30	<30	<30	38	38		
139 Forrester Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	34	38	<30	35	<30	35	<30	35	<30	35	<30	35	36	39	36	39	30	36	<30	35	37	39		
8 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	41	46	42	46	43	47	44	47	43	47	43	47	37	45	42	46	44	47	46	48	40	45	46	48	47	49		
10 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	43	47	43	47	44	48	45	48	44	48	44	48	38	46	43	47	44	48	46	49	40	46	47	49	48	50		
12 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	43	48	44	48	45	49	45	49	44	48	45	49	39	47	44	48	45	49	47	50	41	47	48	50	49	51		
14 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	45	49	46	50	47	50	48	51	48	51	48	51	41	48	47	50	47	50	49	51	43	48	50	52	51	52		
16 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	47	51	47	51	48	51	50	52	49	52	49	52	42	49	49	52	48	51	50	52	44	49	51	53	52	53		
18 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	47	51	48	52	49	52	50	53	50	53	50	53	42	50	49	52	49	52	50	53	44	50	51	53	52	54		
20 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	46	50	47	51	48	51	50	52	49	52	49	52	42	49	48	51	48	51	50	52	44	49	51	53	52	53		
22 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	44	48	45	49	46	49	47	50	46	49	46	49	40	47	45	49	46	49	47	50	41	47	49	51	49	51		
27 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	42	45	43	46	44	46	45	47	44	46	44	46	38	43	43	46	44	46	45	47	39	44	47	48	47	48		
32 Forthorn Place	North St Marys	Industrial	75	75	75	75	0	43	47	44	47	45	48	46	48	45	48	45	48	39	45	44	47	45	48	46	48	40	45	47	49	48	49		
4 Gidley Street	St Marys	Residential	47	42	42	41	52	53	59	54	59	55	60	59	62	59	62	59	62	49	59	58	61	54	59	56	60	50	59	58	61	58	61		
12 Gidley Street	St Marys	Residential	47	42	42	41	52	46	50	47	51	48	51	51	53	51	53	50	52	42	49	50	52	47	51	49	52	43	49	51	53	51	53		
14 Gidley Street	St Marys	Residential	47	42	42	41	52	46	50	47	50	48	51	51	52	50	52	50	52	41	48	49	51	47	50	49	51	43	48	50	52	51	52		
16 Gidley Street	St Marys	Residential	47	42	42	41	52	45	49	46	49	47	50	50	51	50	51	49	51	41	47	49	51	46	49	48	50	42	47	50	51	50	51		
18 Gidley Street	St Marys	Residential	47	42	42	41	52	44	48	45	49	46	49	49	51	49	51	48	50	40	47	48	50	46	49	47	50	41	47	49	51	49	51		
20 Gidley Street	St Marys	Residential	47	42	42	41	52	44	48	45	48	46	49	49	50	48	50	48	50	39	46	47	49	45	48	47	49	41	46	48	50	49	50		
26 Gidley Street	St Marys	Residential	47	42	42	41	52	42	45	42	45	43	46	46	47	46	47	46	47	37	43	45	47	43	46	44	46	38	43	46	47	47	48		
28 Gidley Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	46	47	46	47	46	47	37	43	45	47	43	46	45	47	39	44	46	47	47	48		
30A Gidley Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	42	44	45	46	44	45	44	45	36	41	43	45	41	44	43	45	37	42	45	46	45	46		
30 Gidley Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	46	47	45	46	45	46	36	42	44	46	41	44	44	46	38	43	45	46	46	47		
32 Gidley Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	42	44	44	45	44	45	44	45	35	41	43	45	41	44	43	45	37	42	44	45	45	46		
34 Gidley Street	St Marys	Residential	47	42	42	41	52	40	42	40	42	41	43	44	45	43	44	43	44	35	40	43	44	41	43	<30	38	<30	38	44	45	45	46		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
38 Gidley Street	St Marys	Residential	47	42	42	41	52	39	42	40	42	41	43	43	44	43	44	43	44	34	39	42	43	40	42	<30	38	<30	38	43	44	44	45		
39-41 Gidley Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	39	40	33	37	35	38	37	39	38	40	32	37	41	42	42	43		
40 Gidley Street	St Marys	Residential	47	42	42	41	52	39	42	40	42	40	42	43	44	43	44	42	43	34	39	42	43	40	42	41	43	35	40	43	44	44	45		
42 Gidley Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	43	44	42	43	42	43	34	39	41	43	40	42	41	43	35	40	43	44	<30	38		
48 Gidley Street	St Marys	Residential	47	42	42	41	52	38	41	38	41	<30	37	42	43	41	42	41	42	33	38	40	42	39	41	40	42	34	39	42	43	42	43		
48-48A Gidley Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	<30	37	42	43	41	42	41	42	33	38	40	42	39	41	40	42	34	39	42	43	42	43		
50 Gidley Street	St Marys	Residential	47	42	42	41	52	37	37	38	38	<30	<30	41	41	41	41	41	41	33	33	40	40	<30	<30	40	40	34	34	42	42	42	42		
2 Glossop Street	North St Marys	Residential	48	43	43	43	53	<30	38	<30	38	<30	38	<30	38	<30	38	<30	38	<30	38	35	40	<30	38	38	41	32	39	39	42	40	42		
3-13 Glossop Street	North St Marys	Industrial	75	75	75	75	0	37	42	38	43	40	44	41	44	40	44	39	43	32	42	39	43	41	44	41	44	35	42	42	45	42	45		
4 Glossop Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	37	40	<30	37	<30	37	38	41	<30	37	<30	37	<30	37	38	41	32	38	39	41	40	42		
6 Glossop Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	37	37	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	38	38	32	32	39	39	40	40	
8 Glossop Street	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	37	40	<30	37	<30	37	38	41	30	38	<30	37	39	41	38	41	32	38	39	41	40	42		
8A Glossop Street	North St Marys	Residential	48	43	43	43	53	35	40	<30	38	37	41	39	42	38	41	38	41	30	39	<30	38	39	42	<30	38	<30	38	39	42	41	43		
10 Glossop Street	North St Marys	Residential	48	43	43	43	53	35	40	37	41	38	41	39	42	39	42	39	42	31	39	<30	38	40	42	40	42	34	39	<30	38	42	43		
12 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	41	43	40	42	41	43	32	39	40	42	41	43	41	43	35	40	41	43	42	43		
14 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	41	43	40	42	39	42	31	39	39	42	41	43	41	43	35	40	41	43	42	43		
15-33 Glossop Street	North St Marys	Industrial	75	75	75	75	0	37	41	38	41	38	41	41	43	41	43	39	42	32	39	40	42	39	42	40	42	34	39	42	43	42	43		
16 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	39	42	39	42	39	42	31	39	<30	38	39	42	40	42	34	39	<30	38	42	43		
18A Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	39	42	40	42	39	42	31	39	39	42	39	42	40	42	34	39	<30	38	41	43		
20 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	41	43	40	42	<30	38	32	39	39	42	39	42	40	42	34	39	41	43	42	43		
22 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	<30	38	40	42	39	42	31	39	39	42	39	42	40	42	34	39	41	43	41	43		
24 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	<30	37	40	42	39	41	31	38	39	41	<30	37	<30	37	<30	37	<30	37	41	42		
26 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	<30	37	40	42	39	41	31	38	39	41	<30	37	<30	37	<30	37	41	42	41	42		
28 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	41	42	40	42	<30	37	32	38	39	41	39	41	<30	37	<30	37	41	42	41	42		
30 Glossop Street	North St Marys	Residential	48	43	43	43	53	36	40	38	41	38	41	41	43	40	42	<30	38	32	39	40	42	39	42	40	42	34	39	41	43	42	43		
32 Glossop Street	North St Marys	Residential	48	43	43	43	53	37	41	38	41	38	41	41	43	40	42	<30	38	32	39	40	42	39	42	40	42	34	39	41	43	42	43		
34 Glossop Street	North St Marys	Residential	48	43	43	43	53	37	41	38	41	<30	38	41	43	40	42	<30	38	32	39	40	42	39	42	40	42	34	39	42	43	42	43		
36 Glossop Street	North St Marys	Residential	48	43	43	43	53	37	41	38	41	<30	38	41	43	40	42	<30	38	33	39	40	42	39	42	40	42	34	39	42	43	42	43		
38 Glossop Street	North St Marys	Residential	48	43	43	43	53	37	41	38	41	<30	38	41	43	41	43	<30	38	33	39	40	42	40	42	40	42	34	39	42	43	42	43		
39 Glossop Street	North St Marys	Industrial	75	75	75	75	0	39	43	40	44	41	44	43	45	42	45	42	45	34	42	41	44	41	44	41	44	35	42	43	45	44	46		
40 Glossop Street	North St Marys	Residential	48	43	43	43	53	38	41	39	42	40	42	41	43	41	43	41	43	33	39	40	42	40	42	40	42	34	39	42	43	42	43		
42 Glossop Street	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	42	44	42	44	42	44	34	41	41	44	41	44	41	44	35	41	43	45	44	45		
43 Glossop Street	North St Marys	Industrial	75	75	75	75	0	40	44	41	45	42	45	44	46	43	46	43	46	36	43	42	45	43	46	43	46	37	43	45	47	45	47		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
44 Glossop Street	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	43	45	42	44	42	44	34	41	41	44	41	44	<30	40	<30	40	43	45	44	45		
46 Glossop Street	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	43	45	42	44	42	44	34	41	41	44	41	44	<30	40	<30	40	44	45	44	45		
47 Glossop Street	North St Marys	Industrial	75	75	75	75	0	41	45	42	45	43	46	44	46	43	46	43	46	36	43	42	45	43	46	44	46	38	43	45	47	46	47		
48 Glossop Street	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	44	46	43	45	43	45	35	42	42	45	41	44	43	45	37	42	44	46	45	46		
50 Glossop Street	North St Marys	Residential	48	43	43	43	53	40	44	41	45	43	46	45	47	44	46	44	46	36	43	43	46	43	46	43	46	37	43	45	47	46	47		
51-53 Glossop Street	North St Marys	Industrial	75	75	75	75	0	42	45	43	46	44	46	46	47	45	47	45	47	37	43	44	46	44	46	45	47	39	44	46	47	47	48		
52 Glossop Street	North St Marys	Residential	48	43	43	43	53	41	45	42	45	43	46	46	47	45	47	45	47	37	43	45	47	44	46	44	46	38	43	46	47	46	47		
54 Glossop Street	North St Marys	Residential	48	43	43	43	53	41	45	42	45	43	46	45	47	45	47	44	46	36	43	44	46	44	46	44	46	38	43	45	47	46	47		
56 Glossop Street	North St Marys	Residential	48	43	43	43	53	41	45	42	45	43	46	45	47	44	46	44	46	36	43	43	46	43	46	44	46	38	43	45	47	46	47		
58 Glossop Street	North St Marys	Residential	48	43	43	43	53	40	44	42	45	43	46	45	47	44	46	44	46	36	43	43	46	43	46	44	46	38	43	45	47	46	47		
60 Glossop Street	North St Marys	Residential	48	43	43	43	53	41	45	42	45	43	46	45	47	44	46	44	46	37	43	44	46	43	46	44	46	38	43	46	47	46	47		
62 Glossop Street	North St Marys	Residential	48	43	43	43	53	41	45	42	45	43	46	45	47	44	46	44	46	36	43	43	46	43	46	44	46	38	43	45	47	46	47		
64 Glossop Street	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	43	45	43	45	36	42	42	45	41	44	43	45	37	42	45	46	45	46	45	46		
66 Glossop Street	North St Marys	Residential	48	43	43	43	53	41	45	42	45	43	46	44	46	44	46	44	46	37	43	43	46	43	46	44	46	38	43	45	47	46	47		
67 Glossop Street	North St Marys	Industrial	75	75	75	75	0	41	41	42	42	44	44	45	45	44	44	44	44	37	37	43	43	44	44	44	44	38	38	46	46	47	47		
68 Glossop Street	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	43	45	43	45	43	45	36	42	42	45	41	44	43	45	37	42	45	46	45	46		
72 Glossop Street	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	43	45	42	44	42	44	36	41	42	44	<30	40	43	45	37	42	45	46	45	46		
74 Glossop Street	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	43	45	42	44	42	44	36	41	41	44	41	44	43	45	37	42	45	46	45	46		
77 Glossop Street	North St Marys	Industrial	75	75	75	75	0	41	44	42	45	43	45	43	45	42	45	42	45	36	42	41	44	41	44	44	46	38	43	45	46	46	47		
80A Glossop Street	North St Marys	Industrial	75	75	75	75	0	39	45	39	45	41	46	41	46	40	45	41	46	34	44	39	45	41	46	45	48	39	45	43	47	46	48		
81 Glossop Street	North St Marys	Industrial	75	75	75	75	0	42	45	43	46	44	46	44	46	44	46	44	46	37	43	43	46	43	46	45	47	39	44	46	47	47	48		
82 Glossop Street	North St Marys	Industrial	75	75	75	75	0	38	47	37	47	38	47	39	47	38	47	39	47	32	46	35	46	39	47	46	49	40	47	41	47	46	49		
84 Glossop Street	North St Marys	Industrial	75	75	75	75	0	36	43	<30	42	<30	42	<30	42	<30	42	<30	42	30	42	35	43	<30	42	41	45	35	43	39	44	42	45		
86 Glossop Street	North St Marys	Industrial	75	75	75	75	0	36	42	37	42	37	42	<30	41	<30	41	33	42	32	42	35	42	<30	41	40	44	34	42	39	43	41	44		
87 Glossop Street	North St Marys	Industrial	75	75	75	75	0	41	46	42	46	43	47	43	47	42	46	43	47	36	45	41	46	43	47	46	48	40	45	45	48	47	49		
88 Glossop Street	North St Marys	Industrial	75	75	75	75	0	38	47	38	47	38	47	<30	46	38	47	38	47	33	46	35	46	35	46	41	47	35	46	42	47	42	47		
90 Glossop Street	North St Marys	Industrial	75	75	75	75	0	37	41	38	41	38	41	<30	38	<30	38	<30	38	33	39	35	40	<30	38	36	40	30	39	41	43	40	42		
91 Glossop Street	North St Marys	Industrial	75	75	75	75	0	41	48	42	48	43	48	44	49	43	48	43	48	36	47	42	48	44	49	48	51	42	48	45	49	49	51		
92 Glossop Street	North St Marys	Industrial	75	75	75	75	0	40	44	41	45	41	45	39	44	40	44	39	44	36	43	39	44	<30	42	38	43	32	42	44	46	42	45		
94 Glossop Street	North St Marys	Industrial	75	75	75	75	0	47	52	48	53	48	53	49	53	49	53	48	53	43	52	48	53	35	51	38	51	32	51	51	54	49	53		
96 Glossop Street	St Marys	Residential	47	42	42	41	52	48	55	49	55	50	55	53	57	53	57	53	57	44	54	52	56	49	55	50	55	44	54	52	56	53	57		
97 Glossop Street	North St Marys	Industrial	75	75	75	75	0	44	61	42	61	43	61	43	61	43	61	43	61	37	61	42	61	43	61	53	62	47	61	45	61	53	62		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
102A Glossop Street	St Marys	Residential	47	42	42	41	52	46	50	47	51	47	51	48	51	48	51	47	51	42	49	47	51	45	50	46	50	40	49	50	52	49	52		
104 Glossop Street	St Marys	Residential	47	42	42	41	52	43	48	45	49	45	49	46	49	46	49	46	49	39	47	45	49	45	49	45	49	39	47	48	50	48	50		
106 Glossop Street	St Marys	Residential	47	42	42	41	52	43	47	44	47	44	47	45	48	45	48	44	47	39	45	44	47	43	47	44	47	38	45	47	49	47	49		
109 Glossop Street	St Marys	Residential	47	42	42	41	52	44	48	45	49	45	49	46	49	45	49	45	49	39	47	45	49	44	48	46	49	40	47	48	50	48	50		
110 Glossop Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	44	46	43	46	43	46	37	43	42	45	41	45	43	46	37	43	46	47	46	47		
111-113 Glossop Street	St Marys	Residential	47	42	42	41	52	44	48	45	49	45	49	46	49	45	49	45	49	39	47	45	49	44	48	46	49	40	47	48	50	48	50		
112 Glossop Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	42	44	42	44	41	44	41	44	36	41	40	43	41	44	41	44	35	41	44	45	44	45		
114 Glossop Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	43	46	43	46	43	46	37	43	42	45	41	45	43	46	37	43	45	47	46	47		
115 Glossop Street	St Marys	Residential	47	42	42	41	52	43	47	44	47	44	47	45	48	44	47	44	47	38	45	44	47	43	47	45	48	39	45	47	49	48	49		
116 Glossop Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	41	44	41	44	41	44	41	44	35	42	40	44	40	44	41	44	35	42	44	46	44	46		
118 Glossop Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	42	45	42	45	41	44	41	44	35	42	40	44	41	44	41	44	35	42	44	46	44	46		
119-121 Glossop Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	44	46	44	46	44	46	44	46	38	43	43	46	41	45	45	47	39	44	47	48	47	48		
120 Glossop Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	42	44	42	44	42	44	42	44	36	41	41	44	40	43	<30	40	<30	40	45	46	45	46		
123 Glossop Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	44	46	43	46	43	46	37	43	42	45	41	45	44	46	38	43	46	47	47	48		
124 Glossop Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	<30	38	39	42	39	42	34	39	<30	38	39	42	41	43	35	40	43	44	<30	38		
125 Glossop Street	St Marys	Residential	47	42	42	41	52	42	46	42	46	43	47	44	47	43	47	43	47	37	45	42	46	41	46	44	47	38	45	46	48	46	48		
126 Glossop Street	St Marys	Residential	47	42	42	41	52	39	42	40	42	41	43	41	43	40	42	<30	38	35	40	39	42	39	42	41	43	35	40	44	45	44	45		
127 Glossop Street	St Marys	Residential	47	42	42	41	52	41	41	42	42	43	43	43	43	43	43	42	42	37	37	42	42	41	41	44	44	38	38	45	45	46	46		
128 Glossop Street	St Marys	Residential	47	42	42	41	52	39	43	40	43	41	44	41	44	40	43	<30	40	35	41	39	43	39	43	41	44	35	41	44	45	44	45		
130 Glossop Street	St Marys	Residential	47	42	42	41	52	39	42	39	42	40	42	39	42	39	42	39	42	34	39	39	42	<30	38	41	43	35	40	43	44	<30	38		
132 Glossop Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	39	42	39	42	39	42	34	39	<30	38	<30	38	41	43	35	40	43	44	42	43		
133 Glossop Street	St Marys	Residential	47	42	42	41	52	40	44	41	44	41	44	42	45	41	44	41	44	35	42	40	44	39	43	41	44	35	42	44	46	44	46		
134 Glossop Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	39	42	39	42	39	42	34	39	<30	38	37	41	41	43	35	40	42	43	42	43		
136 Glossop Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	39	42	38	41	38	41	33	39	<30	38	37	41	40	42	34	39	42	43	42	43		
138 Glossop Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	<30	37	38	41	38	41	33	38	<30	37	36	40	<30	37	<30	37	41	42	42	43		
140 Glossop Street	St Marys	Residential	47	42	42	41	52	37	40	37	40	38	41	<30	37	<30	37	<30	37	32	38	<30	37	35	39	38	41	32	38	41	42	41	42		
142-144 Glossop Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	<30	37	<30	37	<30	37	32	38	<30	37	35	39	<30	37	<30	37	41	42	41	42		
145 Glossop Street	St Marys	Residential	47	42	42	41	52	38	43	39	43	<30	41	39	43	39	43	39	43	34	42	<30	41	36	42	40	44	34	42	42	45	42	45		
146-148 Glossop Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	40	41		
146-148 Glossop Street	St Marys	Child Care	50	50	50	50	0	36	39	37	39	37	39	<30	35	<30	35	<30	35	32	37	35	38	<30	35	38	40	32	37	39	40	41	42		
147 Glossop Street	St Marys	Residential	47	42	42	41	52	38	43	39	44	38	43	39	44	40	44	39	44	34	43	39	44	36	43	40	44	34	43	42	45	42	45		
149 Glossop Street	St Marys	Residential	47	42	42	41	52	38	43	39	43	38	43	39	43	39	43	39	43	34	42	<30	41	36	42	40	44	34	42	42	45	42	45		
150 Glossop Street	St Marys	Residential	47	42	42	41	52	36	39	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	40	41		
151-153 Glossop Street	St Marys	Residential	47	42	42	41	52	38	41	38	41	38	41	39	42	39	42	38	41	33	39	<30	38	35	40	<30	38	<30	38	42	43	42	43		
152 Glossop Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	40	41		
154 Glossop Street	St Marys	Residential	47	42	42	41	52	35	40	<30	38	37	41	<30	38	<30	38	<30	38	31	39	35	40	<30	38	<30	38	<30	38	39	42	40	42		
155 Glossop Street	St Marys	Residential	47	42	42	41	52	37	41	38	41	38	41	<30	38	38	41	38	41	33	39	<30	38	35	40	38	41	32	39	41	43	41	43		
156 Glossop Street	St Marys	Residential	47	42	42	41	52	35	40	<30	38	<30	38	<30	38	<30	38	<30	38	31	39	35	40	<30	38	<30	38	<30	38	39	42	40	42		
157 Glossop Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	39	41	38	41	38	41	33	38	<30	37	<30	37	38	41	32	38	41	42	41	42		



Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax		
291 Great Western Highway	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	39	39	38	38	38	38	31	31	<30	<30	36	36	38	38	32	32	39	39	40	40		
292 Great Western Highway	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37	
293 Great Western Highway	St Marys	Residential	47	42	42	41	52	36	36	<30	<30	37	37	39	39	38	38	38	38	31	31	<30	<30	37	37	38	38	32	32	39	39	40	40		
294 Great Western Highway	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	
295 Great Western Highway	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	39	40	39	40	38	40	31	36	<30	35	37	39	38	40	32	37	<30	35	41	42		
296 Great Western Highway	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	
297 Great Western Highway	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	39	40	39	40	39	40	32	37	<30	35	37	39	40	41	34	38	41	42	41	42		
298 Great Western Highway	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	38	38	
299-311 Great Western Highway	St Marys	Commercial	70	70	70	70	0	37	40	38	41	<30	37	41	42	41	42	41	42	33	38	40	42	39	41	41	42	35	39	42	43	<30	37		
300 Great Western Highway	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	38	38		
302 Great Western Highway	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	39	39	38	38	38	38	30	30	<30	<30	36	36	<30	<30	<30	<30	39	39	39	39		
304 Great Western Highway	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	39	39	39	39	38	38	31	31	<30	<30	36	36	38	38	32	32	39	39	40	40		
306 Great Western Highway	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	39	39	39	39	39	39	31	31	<30	<30	37	37	38	38	32	32	39	39	40	40		
308-310 Great Western Highway	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	39	39	38	38	38	38	30	30	<30	<30	36	36	<30	<30	<30	<30	39	39	39	39		
312 Great Western Highway	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	39	40	39	40	39	40	31	36	<30	35	37	39	38	40	32	37	39	40	41	42		
315 Great Western Highway	St Marys	Residential	47	42	42	41	52	37	40	37	40	38	41	41	42	40	42	<30	37	32	38	39	41	<30	37	40	42	34	39	41	42	42	43		
316 Great Western Highway	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	39	40	39	40	39	40	31	36	<30	35	37	39	38	40	32	37	<30	35	41	42		
324 Great Western Highway	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	39	40	39	40	39	40	31	36	<30	35	37	39	38	40	32	37	<30	35	41	42		
329 Great Western Highway	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	39	40	40	41	39	40	31	36	39	40	37	39	<30	35	<30	35	<30	35	41	42		
330 Great Western Highway	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	39	39	39	39	39	39	31	31	<30	<30	37	37	38	38	32	32	39	39	40	40		
335 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	35	35	36	36	36	36	30	30	39	39	39	39		
339 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	<30	<30	31	33	<30	<30	30	33	<30	<30	<30	<30	<30	<30	<30	<30	32	34	<30	<30	<30	<30		
341 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	33	33	30	30	35	35	35	35	36	36	30	30	39	39		
343 Great Western Highway	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	35	35	<30	<30	36	36	30	30	39	39	39	39		
369 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30		
371 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30		
373 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	37		
382-396 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30		
389-441 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	35	35	<30	<30	33	33	<30	<30	<30	<30	<30	38		
410-422 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	37		
449 Great Western Highway	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30		
2 Harris Street	North St Marys	Industrial	75	75	75	75	0	45	50	46	51	46	51	46	51	46	51	45	50	41	50	45	50	37	49	41	50	35	49	49	52	47	51		



Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
6-8 Harris Street	North St Marys	Industrial	75	75	75	75	0	53	62	54	62	55	62	59	63	59	63	58	63	49	61	58	63	45	61	46	61	40	61	57	62	55	62		
7-11 Harris Street	North St Marys	Industrial	75	75	75	75	0	47	63	47	63	49	63	50	63	49	63	50	63	41	63	48	63	51	63	56	64	50	63	51	63	56	64		
12 Harris Street	North St Marys	Industrial	75	75	75	75	0	51	57	52	57	52	57	54	58	54	58	53	58	47	57	53	58	47	57	48	57	42	56	55	59	53	58		
14-16 Harris Street	North St Marys	Industrial	75	75	75	75	0	51	69	49	69	49	69	50	69	49	69	49	69	43	69	48	69	48	69	61	70	55	69	52	69	62	70		
19 Harris Street	North St Marys	Industrial	75	75	75	75	0	57	67	58	67	60	67	63	68	62	67	62	67	52	66	61	67	61	67	63	68	57	67	62	67	64	68		
21 Harris Street	North St Marys	Industrial	75	75	75	75	0	58	71	59	71	61	71	64	72	63	72	63	72	52	71	62	72	64	72	66	72	60	71	63	72	66	72		
24 Harris Street	North St Marys	Industrial	75	75	75	75	0	65	77	66	77	68	78	71	78	70	78	70	78	60	77	69	78	71	78	73	78	67	77	70	78	73	78		
25 Harris Street	North St Marys	Industrial	75	75	75	75	0	60	73	61	73	64	74	68	74	67	74	67	74	54	73	66	74	68	74	69	74	63	73	66	74	69	74		
36-38 Harris Street	North St Marys	Industrial	75	75	75	75	0	73	88	73	88	77	88	79	89	78	88	79	89	65	88	77	88	82	89	83	89	77	88	79	89	84	89		
36-38 Harris Street	North St Marys	Commercial	70	70	70	70	0	71	78	72	78	72	78	74	79	74	79	73	78	67	77	73	78	68	78	73	78	67	77	75	79	76	80		
37 Harris Street	North St Marys	Industrial	75	75	75	75	0	48	53	49	54	51	55	51	55	50	54	51	55	43	53	49	54	52	55	53	56	47	53	53	56	54	56		
41 Harris Street	North St Marys	Industrial	75	75	75	75	0	50	53	51	54	52	54	56	57	56	57	56	57	45	51	55	56	51	54	56	57	50	53	54	55	57	58		
45 Harris Street	North St Marys	Industrial	75	75	75	75	0	50	53	51	54	53	55	57	58	57	58	57	58	46	51	56	57	54	55	52	54	46	51	55	56	55	56		
49 Harris Street	North St Marys	Industrial	75	75	75	75	0	48	52	49	52	50	53	53	54	53	54	52	54	44	50	52	54	50	53	48	52	42	50	53	54	51	53		
46 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	31	31	31	31	30	30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	33	33	33	33		
48 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	31	33	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
49 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
51 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	32	32	<30	<30	<30	<30	<30			
52 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	33	<30	<30	<30	<30	<30	<30	32	34	<30	<30	<30	<30	<30			
53 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	32	34	<30	<30	<30	<30	<30			
55 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30			
56 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	35	35	<30	<30	33	33	<30	<30	<30	<30	38	38		
57 Hobart Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	35	38	<30	35	<30	35	<30	35	31	36	35	38	<30	35	33	37	<30	35	39	40	38	40		
58 Hobart Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	<30	35	<30	35	<30	35	32	37	35	38	<30	35	33	37	<30	35	39	40	39	40		
59 Hobart Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	30	30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	37	37		
60 Hobart Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	31	36	<30	35	<30	35	<30	35	<30	35	39	40	38	40		
66 Hobart Street	St Marys	Residential	47	42	42	41	52	36	39	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	33	37	<30	35	39	40	39	40		
67 Hobart Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	39	40		
68 Hobart Street	St Marys	Residential	47	42	42	41	52	35	38	<30	35	<30	35	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	38	40		
69 Hobart Street	St Marys	Residential	47	42	42	41	52	36	36	37	37	37	37	<30	<30	<30	<30	<30	<30	32	32	35	35	<30	<30	<30	<30	<30	<30	39	39	39	39		
70 Hobart Street	St Marys	Residential	47	42	42	41	52	37	41	38	41	38	41	<30	38	38	41	<30	38	33	39	35	40	<30	38	36	40	30	39	41	43	40	42		
71 Hobart Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	<30	35	<30	35	<30	35	32	37	35	38	<30	35	<30	35	<30	35	39	40	39	40		
72 Hobart Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	38	41	39	42	39	42	38	41	34	39	<30	38	<30	38	36	40	30	39	42	43	41	43		
74 Hobart Street	St Marys	Residential	47	42	42	41	52	37	41	38	41	38	41	<30	38	38	41	<30	38	33	39	<30	38	<30	38	36	40	30	39	41	43	40	42		
75 Hobart Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	39	42	39	42	38	41	34	39	<30	38	<30	38	36	40	30	39	42	43	41	43		
76 Hobart Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	41	44	41	44	41	44	39	43	36	41	40	43	35	41	38	42	32	41	44	45	42	44
82 Hobart Street	St Marys	Residential	47	42	42	41	52	46	51	47	52	48	52	48	52	48	52	47	52	42	51	47	52	43	51	44	51	38	50	50	53	49	53		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																												
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014				
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>			
83 Hobart Street	St Marys	Residential	47	42	42	41	52	47	53	48	53	49	54	52	55	52	55	52	55	43	53	51	55	48	53	49	54	43	53	52	55	52	55			
95 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	37	37				
97 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30					
99 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	37	37				
101 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	37	37				
103 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	37	37				
105 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	37	37				
107 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	37	37			
109 Jackaranda Road	North St Marys	Residential	48	43	43	43	53	<30	<30	30	30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	37	37			
1 Kalang Avenue	St Marys	Residential	47	42	42	41	52	39	39	40	40	40	40	42	42	42	42	41	41	34	34	41	41	37	37	<30	<30	<30	<30	43	43	42	42			
3 Kalang Avenue	St Marys	Residential	47	42	42	41	52	39	43	40	43	41	44	43	45	43	45	42	44	35	41	42	44	<30	40	40	43	34	41	44	45	<30	40			
5 Kalang Avenue	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	43	45	43	45	43	45	35	41	42	44	<30	40	40	43	34	41	44	45	<30	40			
6-50 Kalang Avenue	St Marys	Educational	55	55	55	55	0	38	41	39	41	<30	37	41	42	41	42	<30	37	34	39	40	42	37	40	38	41	32	38	42	43	42	43			
7 Kalang Avenue	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	44	45	43	45	43	45	36	41	43	45	39	43	40	43	34	41	44	45	<30	40			
9 Kalang Avenue	St Marys	Residential	47	42	42	41	52	40	44	41	44	42	45	44	46	44	46	44	46	36	42	43	45	39	43	41	44	35	42	45	46	44	46			
11 Kalang Avenue	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	44	46	44	46	44	46	36	42	43	45	39	43	41	44	35	42	45	46	44	46			
13 Kalang Avenue	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	45	46	44	46	44	46	37	42	43	45	39	43	41	44	35	42	45	46	44	46			
15 Kalang Avenue	St Marys	Residential	47	42	42	41	52	41	44	42	45	42	45	45	46	44	46	44	46	37	42	43	45	40	44	41	44	35	42	45	46	45	46			
17 Kalang Avenue	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	45	46	45	46	44	46	37	42	44	46	40	44	41	44	35	42	46	47	45	46			
19 Kalang Avenue	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	45	47	45	47	45	47	37	43	44	46	40	44	41	45	35	43	46	47	45	47			
21 Kalang Avenue	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	46	47	46	47	45	47	38	43	45	47	41	45	41	45	35	43	46	47	45	47			
23 Kalang Avenue	St Marys	Residential	47	42	42	41	52	42	45	43	46	44	46	46	47	46	47	46	47	38	43	45	47	41	45	<30	42	<30	42	47	48	46	47			
25 Kalang Avenue	St Marys	Residential	47	42	42	41	52	43	46	44	46	44	46	47	48	47	48	46	47	38	43	46	47	41	45	<30	42	<30	42	47	48	46	47			
27 Kalang Avenue	St Marys	Residential	47	42	42	41	52	43	46	44	46	44	46	47	48	47	48	46	47	39	44	46	47	41	45	43	46	37	43	47	48	46	47			
29 Kalang Avenue	St Marys	Residential	47	42	42	41	52	43	46	44	46	45	47	48	49	47	48	47	48	39	44	46	47	41	45	43	46	37	43	47	48	47	48			
31 Kalang Avenue	St Marys	Residential	47	42	42	41	52	43	46	44	46	45	47	48	49	48	49	47	48	39	44	47	48	41	45	43	46	37	43	48	49	47	48			
33 Kalang Avenue	St Marys	Residential	47	42	42	41	52	43	46	44	46	45	47	48	49	48	49	47	48	39	44	47	48	<30	42	43	46	37	43	48	49	47	48			
35 Kalang Avenue	St Marys	Residential	47	42	42	41	52	44	44	45	45	45	45	48	48	48	48	47	47	40	40	47	47	<30	<30	43	43	37	37	48	48	47	47			
37 Kalang Avenue	St Marys	Residential	47	42	42	41	52	44	47	45	48	46	48	49	50	49	50	48	49	40	45	48	49	43	47	44	47	38	45	48	49	48	49			
39 Kalang Avenue	St Marys	Residential	47	42	42	41	52	44	47	45	48	46	48	49	50	49	50	48	49	40	45	48	49	43	47	44	47	38	45	49	50	48	49			
41 Kalang Avenue	St Marys	Residential	47	42	42	41	52	45	48	46	49	46	49	49	50	49	50	48	50	40	46	48	50	43	47	45	48	39	46	49	50	48	50			
43 Kalang Avenue	St Marys	Residential	47	42	42	41	52	46	50	46	50	47	50	50	52	50	52	49	51	41	48	49	51	46	50	49	51	43	48	50	52	51	52			
47 Kalang Avenue	St Marys	Residential	47	42	42	41	52	45	50	46	51	47	51	50	53	49	52	49	52	40	50	48	52	48	52	50	53	44	50	49	52	51	53			
49 Kalang Avenue	St Marys	Residential	47	42	42	41	52	45	54	46	54	48	54	50	55	49	54	50	55	40	53	48	54	50	55	51	55	45	54	50	55	52	56			
2 Kenny Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	32	32	
4 Kenny Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	31	31	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	32	32
5 Kenny Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	30	30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	33	33
6 Kenny Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	30	30	31	31	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	32	32



Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																													
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014					
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>				
1 King Street	St Marys	Residential	47	42	42	41	52	36	39	<30	35	37	39	<30	35	38	40	<30	35	31	36	<30	35	<30	35	<30	35	<30	35	<30	35	39	40	40	41		
3 King Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	39	40	39	40	38	40	32	37	<30	35	<30	35	38	40	32	37	<30	35	41	42	42	43		
4 King Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	<30	<30	38	38	<30	<30	31	31	<30	<30	35	35	36	36	30	30	39	39	40	40	40	40		
5 King Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	39	40	38	40	38	40	32	37	<30	35	35	38	38	40	32	37	<30	35	40	41	41	41		
6 King Street	St Marys	Residential	47	42	42	41	52	35	35	<30	<30	37	37	<30	<30	38	38	38	38	31	31	<30	<30	36	36	38	38	32	32	<30	<30	40	40	40	40		
8 King Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	39	40	38	40	38	40	31	36	<30	35	36	39	38	40	32	37	<30	35	41	42	42	43		
10 King Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	39	40	39	40	39	40	32	37	<30	35	37	39	<30	35	<30	35	<30	35	<30	35	41	42	42	43
12 King Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	41	42	40	42	39	41	32	38	39	41	39	41	41	42	35	39	41	42	42	42	43	43	43	
14 King Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	41	42	40	42	39	41	32	38	39	41	39	41	41	42	35	39	41	42	42	42	42	43	43	
23 King Street	St Marys	Residential	47	42	42	41	52	38	41	38	41	<30	38	42	43	41	43	41	43	33	39	40	42	39	42	41	43	35	40	42	43	<30	38	38	38	38	
25 King Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	42	43	41	43	41	43	33	39	40	42	39	42	41	43	35	40	42	43	<30	38	38	38	38	
26 King Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	<30	37	41	42	41	42	<30	37	33	38	40	42	39	41	41	42	35	39	42	43	42	43	42	43	43	
27 King Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	42	43	42	43	41	43	33	39	41	43	40	42	41	43	35	40	42	43	<30	38	38	38	38	
28 King Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	<30	37	41	42	41	42	<30	37	32	38	40	42	39	41	41	42	35	39	41	42	42	42	43	43	43	
29 King Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	42	43	42	43	41	43	33	39	41	43	40	42	41	43	35	40	42	43	<30	38	38	38	38	
30 King Street	St Marys	Residential	47	42	42	41	52	37	40	37	40	38	41	41	42	40	42	<30	37	32	38	39	41	<30	37	40	42	34	39	41	42	42	42	43	43	43	
31 King Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	43	44	42	43	42	43	33	39	41	43	40	42	41	43	35	40	42	43	<30	38	38	38	38	
32 King Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	41	42	41	42	39	41	32	38	40	42	39	41	40	42	34	39	41	42	42	42	42	43	43	
33 King Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	43	44	42	43	42	43	33	39	41	43	40	42	41	43	35	40	42	43	<30	38	38	38	38	
35 King Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	43	44	42	43	42	43	34	39	41	43	40	42	41	43	35	40	42	43	<30	38	38	38	38	
36 King Street	St Marys	Residential	47	42	42	41	52	37	39	38	40	38	40	41	42	41	42	39	40	32	37	40	41	39	40	40	41	34	38	41	42	42	42	43	43	43	
37 King Street	St Marys	Residential	47	42	42	41	52	38	41	39	41	40	42	42	43	42	43	41	42	33	38	41	42	39	41	41	42	35	39	42	43	42	43	42	43	43	
38 King Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	42	43	41	42	41	42	33	38	40	42	39	41	41	42	35	39	42	43	42	43	42	43	43	
39 King Street	St Marys	Residential	47	42	42	41	52	37	37	38	38	<30	<30	41	41	41	41	41	41	33	33	40	40	<30	<30	40	40	34	34	42	42	42	42	42	42	42	
44 King Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	41	42	40	41	<30	35	32	37	39	40	<30	35	40	41	34	38	41	42	42	42	43	43	43	
46-48 King Street	St Marys	Residential	47	42	42	41	52	36	39	37	39	38	40	39	40	40	41	39	40	32	37	39	40	37	39	38	40	32	37	41	42	41	42	41	42	42	
49 King Street	St Marys	Commercial	70	70	70	70	0	35	36	<30	<30	37	38	31	33	31	33	33	34	30	33	35	36	36	37	36	37	30	33	39	39	40	40	40	40	40	
50 King Street	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	38	38	38	38	38	
51 King Street	St Marys	Commercial	70	70	70	70	0	<30	<30	30	33	31	33	31	33	31	33	31	33	<30	<30	30	33	<30	<30	33	34	<30	<30	33	34	33	34	33	34	33	34
52A King Street	St Marys	Commercial	70	70	70	70	0	<30	<30	30	33	31	33	31	33	31	33	31	33	<30	<30	30	33	<30	<30	33	34	<30	<30	33	34	33	34	33	34	33	34
54 King Street	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	36	31	33	31	33	33	34	30	33	35	36	<30	<30	33	34	<30	<30	<30	<30	38	39	38	39	39	39
56 King Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	31	31	35	35	35	35	36	36	30	30	39	39	39	39	39	39	39	
2 Kungala Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	42	44	43	45	42	44	42	44	36	41	42	44	39	43	40	43	34	41	45	46	44	45	44	45	45	
4 Kungala Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	42	44	43	45	42	44	42	44	36	41	41	44	<30	40	40	43	34	41	44	45	44	45	44	45	45	
8 Kungala Street	St Marys	Residential	47	42	42	41	52	40	43	41	44	41	44	42	44	42	44	42	44	36	41	41	44	<30	40	40	43	34	41	44	45	44	45	44	45	45	
9 Kungala Street	St Marys	Residential	47	42	42	41	52	39	42	40	42	40	42	41	43	41	43	<30	38	35	40	40	42	37	41	<30	38	<30	38	43	44	42	43	42	43	43	
10 Kungala Street	St Marys	Residential	47	42	42	41	52	39	39	40	40	41	41	42	42	42	42	41	41	35	35	41	41	37	37	<30	<30	<30	<30	43	43	42	42	42	42	42	
11 Kungala Street	St Marys	Residential	47	42	42	41	52	39	42	40	42	40	42	41	43	41	43	<30	38	34	39	40	42	37	41	38	41	32	39	43	44	42	43	42	43	43	
12 Kungala Street	St Marys	Residential	47	42	42	41	52	39	39	40	40	40	40	41	41	41	41	41	41	35	35	40	40	37	37	38	38	32	32	43	43	42	42	42	42	42	
13 Kungala Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	41	43	41	43	<30	38	34	39	40	42	37	41	38	41	32	39	42	43	42	43	42	43	43	

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
14 Kungala Street	St Marys	Residential	47	42	42	41	52	39	39	40	40	40	40	41	41	41	41	<30	<30	35	35	40	40	37	37	38	38	32	32	43	43	42	42		
15 Kungala Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	41	43	41	43	39	42	34	39	40	42	37	41	38	41	32	39	43	44	42	43		
16 Kungala Street	St Marys	Residential	47	42	42	41	52	39	42	40	42	40	42	42	43	41	43	41	43	35	40	40	42	37	41	38	41	32	39	43	44	42	43		
17 Kungala Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	<30	38	40	42	39	42	34	39	39	42	37	41	38	41	32	39	42	43	42	43		
18 Kungala Street	St Marys	Residential	47	42	42	41	52	39	42	40	42	40	42	42	43	41	43	41	43	34	39	40	42	37	41	38	41	32	39	43	44	42	43		
19 Kungala Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	<30	38	40	42	39	42	34	39	39	42	37	41	38	41	32	39	42	43	42	43		
20 Kungala Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	41	43	41	43	39	42	34	39	40	42	36	40	38	41	32	39	42	43	42	43		
21 Kungala Street	St Marys	Residential	47	42	42	41	52	37	41	38	41	<30	38	39	42	39	42	39	42	33	39	39	42	35	40	<30	38	<30	38	42	43	41	43		
22 Kungala Street	St Marys	Residential	47	42	42	41	52	39	39	40	40	40	40	42	42	41	41	41	41	34	34	41	41	37	37	<30	<30	<30	<30	43	43	42	42		
23 Kungala Street	St Marys	Residential	47	42	42	41	52	37	41	38	41	38	41	39	42	40	42	39	42	33	39	39	42	35	40	<30	38	<30	38	42	43	41	43		
25 Kungala Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	39	41	39	41	38	41	33	38	<30	37	35	39	<30	37	<30	37	41	42	40	42		
27 Kungala Street	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	39	41	39	41	39	41	33	38	<30	37	35	39	<30	37	<30	37	41	42	41	42		
29 Kungala Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	<30	38	40	42	39	42	33	39	39	42	36	40	38	41	32	39	42	43	41	43		
31 Kungala Street	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	41	43	40	42	39	42	33	39	39	42	36	40	38	41	32	39	42	43	41	43		
2 Kurrajong Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	34	39	<30	37	31	38	33	38	<30	37	30	38	<30	37	38	41	32	38	<30	37	40	42		
2A Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	38	42	39	43	40	43	39	43	39	43	39	43	33	41	<30	40	40	43	<30	40	<30	40	42	44	44	45		
2B Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	37	42	38	42	38	42	39	43	39	43	39	43	33	41	<30	40	40	43	41	44	35	41	42	44	44	45		
3 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	36	43	30	42	37	43	31	42	31	42	33	43	31	42	35	43	35	43	43	46	37	43	39	44	44	46		
4 Kurrajong Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	<30	37	<30	37	31	38	31	38	<30	37	30	38	<30	37	38	41	32	38	<30	37	39	41		
5 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	37	30	38	31	38	31	38	31	38	31	38	<30	37	30	38	<30	37	38	41	32	38	33	38	39	41		
7 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	38	<30	38	35	40	<30	38	31	39	33	39	<30	38	30	39	<30	38	40	42	34	39	<30	38	41	43		
8 Kurrajong Road	North St Marys	Residential	48	43	43	43	53	<30	<30	30	30	31	31	31	31	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	39	39		
9 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	38	<30	38	34	39	<30	38	31	39	33	39	<30	38	<30	38	<30	38	38	41	32	39	<30	38	40	42		
10 Kurrajong Road	North St Marys	Residential	48	43	43	43	53	<30	<30	30	30	31	31	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	33	33	38	38	
11 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	37	30	38	34	39	31	38	31	38	33	38	<30	37	30	38	<30	37	36	40	30	38	33	38	38	41		
13 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	35	30	36	31	36	31	36	31	36	31	36	<30	35	30	36	<30	35	36	39	30	36	33	37	37	39		
14 Kurrajong Road	North St Marys	Residential	48	43	43	43	53	<30	<30	30	30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	38	38	
15 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	<30	30	33	31	33	31	33	31	33	31	33	<30	<30	30	33	<30	<30	33	34	<30	<30	33	34	33	34		
16 Kurrajong Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	34	
17-19 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	35	30	36	31	36	31	36	31	36	31	36	<30	35	30	36	<30	35	33	37	<30	35	<30	35	<30	35		
21 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	31	31	31	31	31	31	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
23 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	33	33	<30	<30		
25 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	35	38	30	36	37	39	31	36	31	36	33	37	31	36	35	38	<30	35	<30	35	<30	35	39	40	37	39		
31-53 Kurrajong Road	North St Marys	Industrial	75	75	75	75	0	<30	<30	30	30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	31	31
76 Kurrajong Road	North St Marys	Commercial	70	70	70	70	0	35	40	<30	38	37	41	<30	38	<30	38	<30	38	30	39	35	40	37	41	40	42	34	39	39	42	41	43		



Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
5 Mamre Road	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	32	34	<30	<30	<30	<30	<30	<30		
7 Mamre Road	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	31	33	<30	<30	<30	<30	33	34	<30	<30	<30	<30	<30	<30	32	34	<30	<30	33	34	<30	<30		
8-14 Mamre Road	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	31	31	<30	<30	30	30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	32	32	33	33		
9 Mamre Road	St Marys	Residential	47	42	42	41	52	<30	<30	30	30	31	31	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	<30	<30	33	33	<30	<30		
1 Maple Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	33			
3 Maple Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	<30	<30	<30	<30	33	33		
5 Maple Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	34	<30	<30	<30	<30	33	34		
7 Maple Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
9 Maple Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	33	33		
11 Maple Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
2 Merinda Street	St Marys	Residential	47	42	42	41	52	48	52	49	52	50	53	53	54	53	54	52	54	44	50	52	54	47	51	48	52	42	50	53	54	52	54		
4 Merinda Street	St Marys	Residential	47	42	42	41	52	48	51	49	52	49	52	53	54	52	53	52	53	44	49	51	53	46	50	48	51	42	49	52	53	51	53		
5 Merinda Street	St Marys	Commercial	70	70	70	70	0	44	48	45	48	46	49	48	50	48	50	48	50	40	46	47	49	43	47	44	48	38	46	49	50	48	50		
6 Merinda Street	St Marys	Residential	47	42	42	41	52	48	51	48	51	49	51	52	53	52	53	51	52	43	48	51	52	46	50	48	51	42	48	52	53	51	52		
8 Merinda Street	St Marys	Residential	47	42	42	41	52	47	50	48	50	48	50	52	53	52	53	51	52	43	48	51	52	45	49	47	50	41	47	51	52	51	52		
10 Merinda Street	St Marys	Residential	47	42	42	41	52	47	50	47	50	48	50	51	52	51	52	50	51	42	47	50	51	45	49	46	49	40	47	51	52	50	51		
12 Merinda Street	St Marys	Residential	47	42	42	41	52	46	49	47	49	47	49	51	52	50	51	50	51	42	47	50	51	44	48	46	49	40	46	50	51	49	50		
14 Merinda Street	St Marys	Residential	47	42	42	41	52	45	48	46	49	47	49	50	51	50	51	49	50	41	46	49	50	44	48	45	48	39	46	50	51	49	50		
16 Merinda Street	St Marys	Residential	47	42	42	41	52	45	48	46	48	46	48	50	51	49	50	49	50	41	46	48	49	44	47	45	48	39	45	49	50	48	49		
1 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	38	38	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	39	39		
3 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	38	38		
5 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38	
6 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	38	38		
7 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37	
8 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	37	37	
10 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37	
11 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	30	33	31	33	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
12 Monfarville Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37	
85 Morris Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
3 Narang Place	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	31	31	31	31	31	31	<30	<30	30	30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
4 Narang Place	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	<30	<30	31	31	31	31	<30	<30	30	30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
5 Narang Place	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	<30	<30	31	31	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
7 Narang Place	St Marys	Industrial	75	75	75	75	0	<30	37	<30	37	35	39	<30	37	<30	37	33	38	<30	37	<30	37	35	39	36	40	30	38	<30	37	38	41		
10 Narang Place	St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	31	31	31	31	31	31	<30	<30	30	30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
11-14 Narang Place	St Marys	Industrial	75	75	75	75	0	<30	<30	30	30	31	31	31	31	<30	<30	30	30	<30	<30	30	30	<30	<30	32	32	<30	<30	<30	<30	<30	<30		
2 Nariel Street	St Marys	Residential	47	42	42	41	52	50	53	51	54	51	54	54	55	54	55	53	55	45	51	53	55	48	52	51	54	45	51	54	55	54	55		
3 Nariel Street	St Marys	Residential	47	42	42	41	52	50	54	51	54	52	55	56	57	56	57	55	56	46	52	55	56	49	53	51	54	45	52	55	56	54	56		
4 Nariel Street	St Marys	Residential	47	42	42	41	52	49	52	50	53	50	53	54	55	53	54	53	54	45	50	52	54	48	52	50	53	44	50	53	54	53	54		
6 Nariel Street	St Marys	Residential	47	42	42	41	52	48	52	49	52	50	53	53	54	53	54	52	54	44	50	52	54	47	51	50	53	44	50	53	54	52	54		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																												
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014				
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>			
7 Nariel Street	St Marys	Residential	47	42	42	41	52	48	51	48	51	49	51	52	53	52	53	51	52	43	48	51	52	46	50	48	51	42	48	52	53	51	52			
8 Nariel Street	St Marys	Residential	47	42	42	41	52	48	52	49	52	49	52	53	54	52	54	52	54	44	50	51	53	47	51	49	52	43	50	52	54	52	54			
9 Nariel Street	St Marys	Residential	47	42	42	41	52	47	50	48	50	48	50	52	53	51	52	51	52	43	48	50	51	46	49	47	50	41	47	51	52	51	52			
10 Nariel Street	St Marys	Residential	47	42	42	41	52	47	51	48	51	49	52	52	53	52	53	51	53	43	49	51	53	46	50	49	52	43	49	52	53	52	53			
12 Nariel Street	St Marys	Residential	47	42	42	41	52	47	51	48	51	48	51	52	53	51	53	51	53	43	49	50	52	46	50	49	52	43	49	51	53	52	53			
13 Nariel Street	St Marys	Residential	47	42	42	41	52	46	49	47	50	48	50	51	52	51	52	50	51	42	47	50	51	45	49	47	50	41	47	50	51	50	51			
14 Nariel Street	St Marys	Residential	47	42	42	41	52	47	51	47	51	48	51	51	53	51	53	50	52	42	49	50	52	45	50	49	52	43	49	51	53	51	53			
15 Nariel Street	St Marys	Residential	47	42	42	41	52	45	48	46	49	47	49	50	51	50	51	49	50	41	46	49	50	44	48	46	49	40	46	50	51	49	50			
16 Nariel Street	St Marys	Residential	47	42	42	41	52	46	50	47	50	47	50	51	52	51	52	50	52	42	48	50	52	45	49	49	51	43	48	50	52	51	52			
14 Oak Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
16 Oak Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	38	38	
17 Oak Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
18 Oak Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	36	36	30	30	<30	<30	39	39
19 Oak Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
20 Oak Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	<30	<30	<30	<30	39	39	39	39		
21 Oak Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	36	36	30	30	<30	<30	39	39		
22 Oak Street	North St Marys	Residential	48	43	43	43	53	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	<30	<30	<30	<30	39	39	40	40			
1 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	<30	37	<30	37	<30	37	<30	37	<30	37	<30	37	<30	37	38	41	32	38	39	41	40	42			
2 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	37	40	39	41	38	41	38	41	30	38	<30	37	39	41	<30	37	<30	37	39	41	41	42			
3 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	<30	37	<30	37	<30	37	38	41	<30	37	<30	37	<30	37	38	41	32	38	39	41	40	42			
4 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	40	<30	38	37	41	39	42	38	41	38	41	30	39	<30	38	39	42	<30	38	<30	38	39	42	41	43			
5 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	<30	37	39	41	38	41	38	41	<30	37	<30	37	37	40	38	41	32	38	39	41	40	42			
6 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	40	<30	38	37	41	39	42	38	41	39	42	30	39	<30	38	<30	38	<30	38	<30	38	39	42	41	43			
7 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	37	<30	37	<30	37	39	41	38	41	38	41	<30	37	<30	37	37	40	38	41	32	38	39	41	40	42			
8 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	40	<30	38	37	41	39	42	39	42	39	42	30	39	<30	38	<30	38	<30	38	<30	38	39	42	41	43			
9 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	37	39	39	40	38	40	38	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41			
10 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	39	41	39	41	39	41	30	38	<30	37	<30	37	<30	37	<30	37	<30	39	41	41	42		
11 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	37	39	39	40	38	40	38	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41			
12 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	35	<30	<30	37	37	<30	<30	39	39	39	39	31	31	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	41	41	
13 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	37	39	39	40	39	40	38	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41			
14 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	35	<30	<30	37	37	<30	<30	39	39	39	39	31	31	39	39	<30	<30	38	38	32	32	<30	<30	41	41			
15 Oleander Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	37	39	39	40	39	40	39	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41			
16 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	35	<30	<30	37	37	<30	<30	39	39	39	39	31	31	39	39	<30	<30	38	38	32	32	<30	<30	41	41			
17 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	39	40	39	40	39	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41			



Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
18 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	38	41	<30	37	40	42	39	41	31	38	39	41	<30	37	38	41	32	38	<30	37	41	42		
19 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	39	40	39	40	38	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41		
20 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	38	41	<30	37	39	41	39	41	31	38	<30	37	<30	37	38	41	32	38	<30	37	41	42		
21 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	39	40	39	40	39	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41		
22 Oleander Road	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	<30	38	40	42	39	42	31	39	39	42	<30	38	38	41	32	39	<30	38	41	43		
23 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	39	41	39	41	39	41	30	38	<30	37	37	40	38	41	32	38	39	41	40	42		
24 Oleander Road	North St Marys	Residential	48	43	43	43	53	36	40	37	41	38	41	<30	38	39	42	39	42	31	39	39	42	<30	38	<30	38	<30	38	<30	38	41	43		
25 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	39	<30	37	37	40	39	41	39	41	38	41	30	38	<30	37	37	40	38	41	32	38	39	41	40	42		
26 Oleander Road	North St Marys	Residential	48	43	43	43	53	36	40	37	40	38	41	<30	37	39	41	39	41	32	38	39	41	<30	37	<30	37	<30	37	41	42	41	42		
27 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	39	40	39	40	39	40	31	36	<30	35	37	39	38	40	32	37	39	40	40	41		
28 Oleander Road	North St Marys	Residential	48	43	43	43	53	36	36	37	37	38	38	<30	<30	39	39	39	39	32	32	39	39	<30	<30	<30	<30	<30	<30	<30	<30	41	41	41	41
29 Oleander Road	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	38	40	39	40	39	40	39	40	31	36	<30	35	37	39	38	40	32	37	<30	35	41	42		
30 Oleander Road	North St Marys	Residential	48	43	43	43	53	36	36	37	37	38	38	<30	<30	40	40	39	39	32	32	39	39	39	39	39	<30	<30	<30	<30	41	41	41	41	
31 Oleander Road	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	39	40	39	40	31	36	<30	35	37	39	38	40	32	37	<30	35	41	42		
32 Oleander Road	North St Marys	Residential	48	43	43	43	53	37	40	38	41	38	41	41	42	40	42	39	41	32	38	39	41	39	41	40	42	34	39	41	42	42	43		
33 Oleander Road	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	39	40	39	40	32	37	<30	35	<30	35	38	40	32	37	41	42	41	42		
34 Oleander Road	North St Marys	Residential	48	43	43	43	53	38	38	39	39	41	41	43	43	42	42	42	42	34	34	41	41	41	41	41	41	41	41	35	35	43	43	<30	<30
36 Oleander Road	North St Marys	Residential	48	43	43	43	53	38	38	40	40	41	41	43	43	42	42	42	42	34	34	41	41	41	41	41	41	41	41	35	35	43	43	44	44
38 Oleander Road	North St Marys	Residential	48	43	43	43	53	38	38	39	39	40	40	42	42	41	41	41	41	34	34	40	40	41	41	41	41	41	41	35	35	43	43	<30	<30
40 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	42	44	42	44	42	44	34	41	41	44	41	44	41	44	35	41	43	45	44	45		
42 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	43	45	43	45	43	45	35	41	42	44	41	44	41	44	35	41	44	45	44	45		
44 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	44	46	43	45	43	45	35	42	42	45	43	45	43	45	37	42	44	46	45	46		
46 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	45	42	45	44	46	44	46	43	46	35	43	43	46	43	46	43	46	37	43	45	47	45	47		
47-49 Oleander Road	North St Marys	Passive Recreation	60	60	60	60	0	39	43	40	43	41	44	42	44	41	44	42	44	34	41	41	44	41	44	41	44	35	41	43	45	44	45		
48 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	45	42	45	44	46	44	46	44	46	36	43	43	46	43	46	43	46	37	43	45	47	45	47		
50 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	45	42	45	44	46	44	46	44	46	36	43	43	46	43	46	43	46	37	43	45	47	45	47		
52 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	44	46	44	46	43	45	36	42	43	45	43	45	43	45	37	42	45	46	45	46		
53 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	43	40	44	41	44	43	45	42	45	42	45	35	42	41	44	41	44	43	45	37	42	44	46	45	46		
54 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	45	42	45	44	46	43	46	43	46	36	43	42	45	<30	42	43	46	37	43	45	47	45	47		
55 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	42	44	42	44	42	44	35	41	41	44	41	44	43	45	37	42	44	45	45	46		
56 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	43	45	43	45	43	45	36	42	42	45	<30	41	43	45	37	42	45	46	45	46		
57 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	42	44	42	44	42	44	35	41	41	44	41	44	43	45	37	42	44	45	45	46		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
58 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	44	46	43	45	43	45	36	42	42	45	<30	41	43	45	37	42	45	46	45	46		
59 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	43	40	43	41	44	42	44	42	44	42	44	35	41	41	44	41	44	43	45	37	42	44	45	45	46		
60 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	43	45	42	45	42	45	35	42	42	45	<30	41	43	45	37	42	44	46	45	46		
61 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	39	40	40	41	41	42	42	42	42	42	42	35	35	41	41	41	41	43	43	37	37	44	44	45	45		
62 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	43	45	42	45	42	45	36	42	42	45	<30	41	43	45	37	42	44	46	45	46		
63 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	39	40	40	41	41	42	42	41	41	41	41	35	35	41	41	41	41	43	43	37	37	44	44	45	45		
64 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	44	41	44	42	45	44	46	43	45	43	45	36	42	42	45	<30	41	43	45	37	42	45	46	46	47		
65 Oleander Road	North St Marys	Residential	48	43	43	43	53	39	42	40	42	41	43	42	43	41	43	41	43	35	40	40	42	41	43	43	44	37	41	44	45	45	46		
66 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	44	45	43	45	43	45	36	41	42	44	41	44	43	45	37	42	45	46	46	47		
67 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	43	45	43	45	43	45	36	41	42	44	41	44	44	45	38	42	45	46	46	47		
68 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	43	45	42	44	42	44	36	41	41	44	41	44	43	45	37	42	44	45	45	46		
69 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	43	45	42	44	42	44	35	41	41	44	<30	40	44	45	38	42	45	46	45	46		
70 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	43	45	42	44	42	44	35	41	41	44	41	44	43	45	37	42	44	45	45	46		
72 Oleander Road	North St Marys	Residential	48	43	43	43	53	40	43	41	44	42	44	43	45	42	44	42	44	35	41	41	44	41	44	43	45	37	42	44	45	45	46		
1 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	36	39	37	39	38	40	<30	35	<30	35	38	40	31	36	35	38	37	39	38	40	32	37	39	40	41	42		
2 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	38	41	39	42	40	42	41	43	41	43	41	43	33	39	40	42	40	42	41	43	35	40	43	44	42	43		
5A Parklawn Place	North St Marys	Commercial	70	70	70	70	0	35	38	<30	35	38	40	<30	35	<30	35	33	37	31	36	35	38	37	39	38	40	32	37	39	40	41	42		
7 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	35	38	<30	35	37	39	<30	35	<30	35	33	37	31	36	35	38	37	39	38	40	32	37	39	40	40	41		
8 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	38	41	39	42	40	42	41	43	40	42	41	43	33	39	40	42	40	42	41	43	35	40	42	43	42	43		
9 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	43	44	43	44	43	44	34	39	42	43	41	43	41	43	35	40	44	45	44	45		
12-14 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	38	41	39	42	40	42	42	43	41	43	41	43	34	39	40	42	41	43	41	43	35	40	43	44	42	43		
16-18 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	37	41	39	42	40	42	41	43	40	42	39	42	33	39	39	42	40	42	41	43	35	40	42	43	42	43		
22 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	39	43	40	43	41	44	43	45	43	45	43	45	34	41	42	44	41	44	41	44	35	41	44	45	44	45		
23 Parklawn Place	North St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	43	44	43	44	42	43	34	39	42	43	41	43	41	43	35	40	44	45	44	45		
2 Phillip Street	St Marys	Residential	47	42	42	41	52	44	49	45	49	46	50	47	50	46	50	46	50	40	48	45	49	45	49	47	50	41	48	49	51	49	51		
3 Phillip Street	St Marys	Residential	47	42	42	41	52	46	51	47	51	48	52	49	52	48	52	48	52	42	50	47	51	47	51	48	52	42	50	51	53	51	53		
4 Phillip Street	St Marys	Residential	47	42	42	41	52	45	49	46	50	47	50	47	50	47	50	47	50	40	48	46	50	45	49	47	50	41	48	49	51	49	51		
5 Phillip Street	St Marys	Residential	47	42	42	41	52	46	51	47	51	48	52	49	52	48	52	48	52	42	50	48	52	48	52	49	52	43	50	51	53	51	53		
6 Phillip Street	St Marys	Residential	47	42	42	41	52	45	50	46	50	47	51	48	51	47	51	47	51	41	49	47	51	46	50	47	51	41	49	50	52	50	52		
7 Phillip Street	St Marys	Residential	47	42	42	41	52	47	52	48	53	49	53	49	53	49	53	49	53	42	52	48	53	48	53	49	53	43	52	51	54	52	55		
8 Phillip Street	St Marys	Residential	47	42	42	41	52	46	51	47	51	48	52	48	52	48	52	48	52	41	50	47	51	46	51	48	52	42	50	50	53	50	53		
9 Phillip Street	St Marys	Residential	47	42	42	41	52	47	52	48	53	49	53	50	54	49	53	49	53	43	52	48	53	48	53	50	54	44	52	52	55	52	55		
10 Phillip Street	St Marys	Residential	47	42	42	41	52	46	50	47	51	48	51	49	52	48	51	48	51	42	49	47	51	47	51	49	52	43	49	50	52	51	53		
11 Phillip Street	St Marys	Residential	47	42	42	41	52	48	53	49	54	50	54	51	55	50	54	50	54	43	53	49	54	49	54	50	54	44	53	52	55	53	56		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
12 Phillip Street	St Marys	Residential	47	42	42	41	52	46	50	47	50	48	51	49	51	48	51	48	51	42	48	47	50	47	50	49	51	43	48	51	52	51	52		
14 Phillip Street	St Marys	Residential	47	42	42	41	52	47	50	47	50	48	51	49	51	49	51	48	51	42	48	48	51	47	50	49	51	43	48	51	52	51	52		
17 Phillip Street	St Marys	Residential	47	42	42	41	52	48	52	49	53	50	53	51	54	50	53	50	53	44	51	49	53	48	52	50	53	44	51	52	54	52	54		
19 Phillip Street	St Marys	Residential	47	42	42	41	52	48	52	49	53	50	53	51	54	51	54	50	53	44	51	50	53	48	52	50	53	44	51	53	55	53	55		
21 Phillip Street	St Marys	Residential	47	42	42	41	52	49	53	50	53	51	54	51	54	51	54	51	54	45	51	50	53	49	53	51	54	45	51	53	55	53	55		
23 Phillip Street	St Marys	Residential	47	42	42	41	52	50	54	51	54	52	55	52	55	52	55	52	55	46	52	51	54	50	54	52	55	46	52	54	56	54	56		
24 Phillip Street	St Marys	Residential	47	42	42	41	52	47	51	48	51	48	51	48	51	48	51	48	51	42	49	47	51	46	50	48	51	42	49	51	53	51	53		
25 Phillip Street	St Marys	Residential	47	42	42	41	52	51	54	52	55	52	55	53	55	52	55	52	55	46	52	52	55	50	54	52	55	46	52	55	56	55	56		
26 Phillip Street	St Marys	Residential	47	42	42	41	52	47	51	48	51	49	52	49	52	49	52	48	51	43	49	48	51	47	51	49	52	43	49	51	53	52	53		
27 Phillip Street	St Marys	Residential	47	42	42	41	52	51	55	52	55	52	55	53	56	53	56	53	56	52	55	47	53	52	55	50	54	52	55	46	53	55	57	55	57
28 Phillip Street	St Marys	Residential	47	42	42	41	52	48	52	49	52	50	53	50	53	49	52	49	52	44	50	49	52	48	52	50	53	44	50	52	54	53	54		
29 Phillip Street	St Marys	Residential	47	42	42	41	52	51	55	52	55	52	55	53	56	53	56	53	56	46	53	52	55	50	54	52	55	46	53	55	57	55	57		
30 Phillip Street	St Marys	Residential	47	42	42	41	52	52	58	53	58	54	59	57	60	56	60	56	60	47	57	56	60	53	58	55	59	49	58	56	60	57	60		
31 Phillip Street	St Marys	Commercial	70	70	70	70	0	51	55	52	55	53	56	56	57	56	57	55	57	47	53	55	57	51	55	53	56	47	53	55	57	55	57		
32 Phillip Street	St Marys	Residential	47	42	42	41	52	53	59	54	59	55	60	60	62	59	62	59	62	49	59	58	61	54	59	56	60	50	59	58	61	58	61		
34-36 Phillip Street	St Marys	Residential	47	42	42	41	52	54	61	55	61	56	61	62	64	61	64	61	64	50	60	60	63	56	61	57	62	51	61	59	63	59	63		
40 Phillip Street	St Marys	Place Of Worship	55	55	55	55	0	52	57	53	57	54	58	57	59	57	59	56	59	48	56	56	59	52	57	54	58	48	56	57	59	57	59		
51 Phillip Street	St Marys	Commercial	70	70	70	70	0	57	62	58	63	59	63	64	66	64	66	63	65	53	62	63	65	58	63	60	64	54	62	61	64	62	65		
3 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	35	30	36	31	36	31	36	31	36	31	36	<30	35	30	36	<30	35	33	37	<30	35	33	37	33	37		
5 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	35	<30	35	34	38	31	36	31	36	31	36	<30	35	30	36	<30	35	33	37	<30	35	<30	35	<30	35		
7 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	31	31	31	31	31	31	31	31	<30	<30	30	30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
9 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	35	<30	35	<30	35	31	36	31	36	31	36	<30	35	30	36	<30	35	33	37	<30	35	<30	35	<30	35		
13-15 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	34	34	31	31	31	31	31	31	<30	<30	30	30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
17-23 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	38	30	39	34	39	31	39	31	39	33	39	<30	38	30	39	<30	38	36	40	30	39	33	39	38	41		
18-20 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	38	41	39	42	38	41	39	42	39	42	38	41	34	39	35	40	<30	38	<30	38	<30	38	42	43	40	42		
22-24 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	37	40	38	41	38	41	<30	37	38	41	33	38	33	38	35	39	<30	37	32	38	<30	37	41	42	39	41		
25-27 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	38	30	39	34	39	31	39	31	39	33	39	<30	38	30	39	<30	38	36	40	30	39	33	39	39	42		
26-28 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	<30	<30	<30	<30	<30	<30	32	32	<30	<30	<30	<30	<30	<30		
33-37 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	35	<30	35	35	38	31	36	31	36	33	37	<30	35	30	36	<30	35	36	39	30	36	<30	35	38	40		
34-36 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	39	43	40	43	40	43	39	43	40	43	39	43	35	41	39	43	<30	40	33	41	<30	40	43	45	41	44		
38-40 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	39	42	40	42	40	42	39	42	40	42	39	42	35	40	39	42	<30	38	33	39	<30	38	43	44	41	43		
42-44 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	39	42	40	42	40	42	39	42	40	42	39	42	35	40	39	42	<30	38	36	40	30	39	43	44	41	43		
50-52 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	37	42	37	42	37	42	<30	40	<30	40	<30	40	32	41	35	41	<30	40	38	42	32	41	39	43	41	44		
54-56 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	36	41	37	42	37	42	<30	40	<30	40	<30	40	32	41	35	41	<30	40	38	42	32	41	39	43	41	44		
58-60 Plasser Crescent	North St Marys	Industrial	75	75	75	75	0	<30	38	<30	38	35	40	<30	38	31	39	33	39	<30	38	30	39	<30	38	38	41	32	39	<30	38	40	42		



Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax		
34 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	37	37	38	38	32	32	<30	<30	39	39		
36 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	37	37	38	38	32	32	<30	<30	39	39		
37 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	34	38	<30	35	<30	35	<30	35	<30	35	<30	35	36	39	<30	35	<30	35	<30	35	40	41		
39 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	34	38	<30	35	<30	35	<30	35	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	40	41		
41 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	38	38	32	32	<30	<30	39	39		
43 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	<30	<30	38	38	32	32	<30	<30	39	39		
45 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	<30	30	30	31	31	<30	<30	31	31	31	31	<30	<30	30	30	<30	<30	38	38	32	32	<30	<30	39	39		
47 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	<30	30	30	31	31	31	31	31	31	31	31	<30	<30	30	30	<30	<30	38	38	32	32	33	33	39	39		
49 Poplar Street	North St Marys	Residential	48	43	43	43	53	<30	<30	30	30	31	31	31	31	<30	<30	30	30	<30	<30	<30	<30	<30	<30	38	38	32	32	33	33	39	39		
52-54 Power Street	St Marys	Industrial	75	75	75	75	0	<30	<30	30	30	31	31	31	31	31	31	31	31	<30	<30	30	30	<30	<30	33	33	<30	<30	<30	<30	<30	<30		
56-58 Power Street	St Marys	Industrial	75	75	75	75	0	<30	35	30	36	31	36	31	36	31	36	31	36	<30	35	30	36	<30	35	33	37	<30	35	<30	35	<30	35		
60 Power Street	St Marys	Industrial	75	75	75	75	0	<30	35	<30	35	31	36	31	36	<30	35	31	36	<30	35	30	36	<30	35	33	37	<30	35	<30	35	<30	35		
1-3 Princess Mary Street	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	37	37		
2-6 Princess Mary Street	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	30	30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	38	38		
1-3 Putland Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
1-7 Queen Street	St Marys	Commercial	70	70	70	70	0	57	61	58	61	58	61	63	64	63	64	62	63	52	59	62	63	56	60	58	61	52	59	61	63	61	63		
4 Queen Street	St Marys	Commercial	70	70	70	70	0	56	60	57	61	58	61	61	63	61	63	60	62	52	59	60	62	55	60	57	61	51	59	61	63	60	62		
12 Queen Street	St Marys	Commercial	70	70	70	70	0	57	61	58	61	59	62	64	65	64	65	63	64	53	59	63	64	58	61	58	61	52	59	62	63	61	63		
17 Queen Street	St Marys	Commercial	70	70	70	70	0	56	59	57	60	58	60	63	64	63	64	62	63	52	57	62	63	55	59	56	59	50	57	60	61	60	61		
21 Queen Street	St Marys	Commercial	70	70	70	70	0	56	59	57	60	57	60	62	63	62	63	61	62	52	57	61	62	55	59	56	59	50	57	60	61	60	61		
22 Queen Street	St Marys	Commercial	70	70	70	70	0	56	60	57	60	58	61	63	64	63	64	62	63	52	58	62	63	57	60	58	61	52	58	61	62	60	62		
24-26 Queen Street	St Marys	Commercial	70	70	70	70	0	56	60	57	60	58	61	63	64	63	64	62	63	52	58	62	63	57	60	58	61	52	58	61	62	61	62		
25A Queen Street	St Marys	Commercial	70	70	70	70	0	54	58	55	58	55	58	60	61	60	61	59	60	50	56	59	60	52	57	54	58	48	56	58	60	58	60		
27 Queen Street	St Marys	Hotel	70	70	70	60	0	54	58	55	58	56	59	59	60	59	60	58	60	50	56	58	60	53	57	54	58	48	56	58	60	58	60		
30-32 Queen Street	St Marys	Commercial	70	70	70	70	0	56	60	57	60	57	60	62	63	62	63	61	62	51	58	61	62	56	60	58	61	52	58	60	62	60	62		
34 Queen Street	St Marys	Commercial	70	70	70	70	0	55	59	55	59	56	59	60	61	60	61	60	61	50	57	59	61	55	59	56	59	50	57	59	61	59	61		
36 Queen Street	St Marys	Medical	65	65	65	65	0	53	57	54	58	55	58	57	59	57	59	56	59	49	56	56	59	52	57	54	58	48	56	57	59	57	59		
42 Queen Street	St Marys	Commercial	70	70	70	70	0	52	55	53	56	53	56	57	58	56	57	56	57	47	53	55	57	51	55	52	55	46	53	56	57	55	57		
43 Queen Street	St Marys	Commercial	70	70	70	70	0	51	55	52	55	53	56	57	58	56	57	56	57	47	53	55	57	51	55	52	55	46	53	56	57	55	57		
45 Queen Street	St Marys	Commercial	70	70	70	70	0	50	53	51	54	52	54	54	55	54	55	53	55	46	51	53	55	49	53	50	53	44	51	54	55	53	55		
46 Queen Street	St Marys	Commercial	70	70	70	70	0	52	55	53	56	53	56	57	58	56	57	56	57	47	53	55	57	51	55	52	55	46	53	56	57	55	57		
47 Queen Street	St Marys	Commercial	70	70	70	70	0	50	54	51	54	52	55	55	56	55	56	54	56	46	52	54	56	50	54	50	54	44	52	54	56	54	56		
48 Queen Street	St Marys	Commercial	70	70	70	70	0	51	54	52	55	53	55	55	56	55	56	55	56	47	52	54	56	50	54	51	54	45	52	55	56	55	56		
50 Queen Street	St Marys	Commercial	70	70	70	70	0	50	54	51	54	52	55	54	56	54	56	54	56	46	52	53	55	49	53	51	54	45	52	55	56	54	56		
52 Queen Street	St Marys	Commercial	70	70	70	70	0	50	54	51	54	51	54	53	55	53	55	53	55	46	52	52	55	48	53	50	54	44	52	54	56	54	56		
54 Queen Street	St Marys	Commercial	70	70	70	70	0	50	53	51	54	51	54	53	55	52	54	52	54	45	51	52	54	48	52	50	53	44	51	54	55	53	55		
59 Queen Street	St Marys	Commercial	70	70	70	70	0	49	53	50	53	51	54	53	55	53	55	52	54	45	51	52	54	48	52	49	53	43	51	54	55	53	55		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
62 Queen Street	St Marys	Commercial	70	70	70	70	0	49	52	50	53	50	53	52	54	52	54	51	53	44	50	51	53	47	51	49	52	43	50	53	54	52	54		
65B Queen Street	St Marys	Medical	65	65	65	65	0	47	51	48	51	49	52	50	52	50	52	50	52	43	49	49	52	45	50	47	51	41	49	52	53	51	53		
66 Queen Street	St Marys	Commercial	70	70	70	70	0	48	52	49	52	50	53	51	53	51	53	51	53	44	50	50	53	47	51	49	52	43	50	52	54	52	54		
67 Queen Street	St Marys	Commercial	70	70	70	70	0	47	50	48	51	48	51	50	52	49	51	49	51	42	48	49	51	45	49	47	50	41	48	51	52	50	52		
71 Queen Street	St Marys	Commercial	70	70	70	70	0	46	50	47	50	48	51	49	51	49	51	49	51	42	48	48	51	44	49	46	50	40	48	50	52	50	52		
72-80 Queen Street	St Marys	Commercial	70	70	70	70	0	47	51	48	51	49	52	51	53	50	52	50	52	43	49	49	52	46	50	48	51	42	49	52	53	51	53		
75 Queen Street	St Marys	Commercial	70	70	70	70	0	46	49	47	50	47	50	49	51	48	50	48	50	41	47	48	50	44	48	46	49	40	47	50	51	49	51		
79 Queen Street	St Marys	Commercial	70	70	70	70	0	45	48	46	49	47	49	49	50	48	50	48	50	41	46	48	50	44	48	46	49	40	46	50	51	49	50		
82 Queen Street	St Marys	Commercial	70	70	70	70	0	45	48	46	49	47	49	48	50	48	50	47	49	41	46	47	49	44	48	46	49	40	46	49	50	49	50		
84 Queen Street	St Marys	Commercial	70	70	70	70	0	44	48	45	48	46	49	47	49	47	49	46	49	40	46	46	49	43	47	45	48	39	46	49	50	48	50		
85-87 Queen Street	St Marys	Commercial	70	70	70	70	0	45	48	46	49	46	49	48	50	48	50	47	49	41	46	47	49	44	48	46	49	40	46	49	50	49	50		
89 Queen Street	St Marys	Medical	65	65	65	65	0	45	48	46	49	47	49	49	50	48	50	48	50	41	46	47	49	44	48	46	49	40	46	49	50	49	50		
91 Queen Street	St Marys	Commercial	70	70	70	70	0	44	47	45	48	46	48	48	49	47	49	47	49	40	45	46	48	43	47	45	48	39	45	49	50	48	49		
92 Queen Street	St Marys	Commercial	70	70	70	70	0	43	46	44	46	45	47	46	47	45	47	45	47	39	44	44	46	41	45	44	46	38	43	48	49	47	48		
92A Queen Street	St Marys	Commercial	70	70	70	70	0	43	46	44	46	45	47	46	47	46	47	45	47	39	44	45	47	41	45	44	46	38	43	48	49	47	48		
95 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	42	45	42	45	43	45	42	45	42	45	36	42	41	44	<30	41	41	44	35	42	45	46	44	46		
98 Queen Street	St Marys	Commercial	70	70	70	70	0	43	43	44	44	45	45	46	46	46	46	45	45	39	39	45	45	<30	<30	44	44	38	38	48	48	47	47		
100 Queen Street	St Marys	Commercial	70	70	70	70	0	43	43	44	44	45	45	46	46	46	46	45	45	39	39	45	45	43	43	44	44	38	38	48	48	47	47		
102 Queen Street	St Marys	Commercial	70	70	70	70	0	43	46	44	46	44	46	46	47	46	47	45	47	39	44	45	47	41	45	44	46	38	43	47	48	47	48		
103 Queen Street	St Marys	Commercial	70	70	70	70	0	43	46	43	46	44	46	45	47	45	47	44	46	38	43	44	46	41	45	43	46	37	43	47	48	46	47		
104 Queen Street	St Marys	Commercial	70	70	70	70	0	42	45	43	45	43	45	44	46	43	45	43	45	37	42	42	45	40	44	41	44	35	42	46	47	45	46		
105 Queen Street	St Marys	Commercial	70	70	70	70	0	42	45	43	46	43	46	44	46	44	46	44	46	38	43	43	46	40	44	41	45	35	43	46	47	46	47		
106 Queen Street	St Marys	Commercial	70	70	70	70	0	42	45	43	46	44	46	45	47	44	46	44	46	38	43	44	46	40	44	43	46	37	43	46	47	46	47		
107 Queen Street	St Marys	Commercial	70	70	70	70	0	42	45	43	46	43	46	44	46	44	46	43	46	37	43	43	46	40	44	41	45	35	43	46	47	45	47		
109 Queen Street	St Marys	Commercial	70	70	70	70	0	42	45	42	45	43	46	44	46	43	46	43	46	37	43	43	46	40	44	41	45	35	43	46	47	45	47		
110 Queen Street	St Marys	Commercial	70	70	70	70	0	42	45	43	45	43	45	44	46	44	46	43	45	37	42	43	45	41	44	41	44	35	42	46	47	46	47		
112 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	41	44	42	44	43	45	42	44	42	44	36	41	41	44	39	43	41	44	35	41	45	46	44	45		
118 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	42	45	43	45	43	45	43	45	43	45	37	42	42	45	40	44	41	44	35	42	45	46	45	46		
124 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	42	44	42	44	43	45	43	45	42	44	37	42	42	44	40	43	41	44	35	41	45	46	45	46		
126 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	42	44	42	44	44	45	43	45	43	45	37	42	42	44	40	43	41	44	35	41	45	46	45	46		
129 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	42	45	43	45	44	46	44	46	43	45	37	42	43	45	40	44	41	44	35	42	45	46	45	46		
130 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	42	44	42	44	43	45	43	45	43	45	37	42	42	44	40	43	41	44	35	41	45	46	45	46		
131 Queen Street	St Marys	Commercial	70	70	70	70	0	40	43	41	44	41	44	42	44	42	44	41	44	36	41	41	44	37	42	40	43	34	41	44	45	44	45		
135 Queen Street	St Marys	Commercial	70	70	70	70	0	40	43	41	44	41	44	42	44	42	44	41	44	36	41	41	44	37	42	40	43	34	41	44	45	42	44		
136 Queen Street	St Marys	Commercial	70	70	70	70	0	41	44	42	44	42	44	44	45	43	45	43	45	37	42	42	44	40	43	41	44	35	41	45	46	45	46		
144 Queen Street	St Marys	Commercial	70	70	70	70	0	39	39	40	40	41	41	42	42	42	42	41	41	35	35	41	41	<30	<30	40	40	34	34	44	44	<30	<30		
145-147 Queen Street	St Marys	Commercial	70	70	70	70	0	40	43	41	44	41	44	42	44	42	44	42	44	36	41	41	44	37	42	41	44	35	41	44	45	44	45		
150 Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	42	43	42	43	41	43	35	40	41	43	39	42	41	43	35	40	44	45	<30	38		
150B Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	42	43	41	43	41	43	35	40	40	42	37	41	40	42	34	39	44	45	42	43		
152 Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	42	43	42	43	41	43	35	40	41	43	39	42	40	42	34	39	44	45	42	43		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
156-158 Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	42	43	41	43	41	43	35	40	40	42	37	41	40	42	34	39	43	44	42	43		
159 Queen Street	St Marys	Commercial	70	70	70	70	0	40	42	41	43	41	43	43	44	42	43	42	43	36	40	41	43	39	42	41	43	35	40	44	45	44	45		
160 Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	42	43	41	43	41	43	35	40	40	42	39	42	40	42	34	39	43	44	42	43		
166 Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	40	42	41	43	41	43	41	43	34	39	40	42	39	42	40	42	34	39	43	44	42	43		
170 Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	40	42	41	43	41	43	41	43	34	39	40	42	39	42	40	42	34	39	43	44	42	43		
171 Queen Street	St Marys	Commercial	70	70	70	70	0	39	42	40	42	41	43	42	43	42	43	41	43	35	40	41	43	37	41	40	42	34	39	44	45	42	43		
178-182 Queen Street	St Marys	Commercial	70	70	70	70	0	38	41	39	41	40	42	39	41	40	42	39	41	34	39	39	41	37	40	40	42	34	39	42	43	42	43		
181 Queen Street	St Marys	Medical	65	65	65	65	0	38	41	39	41	40	42	39	41	40	42	39	41	34	39	39	41	37	40	38	41	32	38	42	43	42	43		
185-187 Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	38	40	33	37	<30	35	36	39	38	40	32	37	41	42	41	42		
188 Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	39	40	33	37	<30	35	37	39	38	40	32	37	41	42	41	42		
192 Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	39	40	33	37	<30	35	37	39	38	40	32	37	41	42	41	42		
195 Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	38	40	33	37	<30	35	36	39	38	40	32	37	41	42	41	42		
199 Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	39	40	33	37	<30	35	36	39	38	40	32	37	41	42	41	42		
200 Queen Street	St Marys	Commercial	70	70	70	70	0	36	39	37	39	38	40	39	40	38	40	38	40	32	37	35	38	37	39	38	40	32	37	41	42	41	42		
203 Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	39	40	33	37	<30	35	37	39	38	40	32	37	41	42	41	42		
204 Queen Street	St Marys	Commercial	70	70	70	70	0	<30	<30	30	33	35	36	31	33	31	33	33	34	<30	<30	30	33	<30	<30	33	34	<30	<30	33	34	37	38		
205B Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	38	40	38	40	39	40	39	40	39	40	33	37	39	40	37	39	38	40	32	37	41	42	41	42		
209 Queen Street	St Marys	Commercial	70	70	70	70	0	37	39	37	39	38	40	39	40	38	40	38	40	32	37	35	38	35	38	36	39	30	36	41	42	40	41		
210 Queen Street	St Marys	Commercial	70	70	70	70	0	<30	<30	30	33	34	35	31	33	31	33	33	34	<30	<30	30	33	<30	<30	33	34	<30	<30	33	34	37	38		
212 Queen Street	St Marys	Commercial	70	70	70	70	0	<30	<30	30	33	31	33	31	33	31	33	31	33	<30	<30	30	33	<30	<30	33	34	<30	<30	33	34	33	34		
216 Queen Street	St Marys	Commercial	70	70	70	70	0	35	36	30	33	35	36	31	33	31	33	33	34	30	33	35	36	<30	<30	36	37	30	33	39	39	39	39		
217 Queen Street	St Marys	Commercial	70	70	70	70	0	36	39	37	39	37	39	31	36	38	40	33	37	31	36	35	38	35	38	36	39	30	36	39	40	40	41		
223 Queen Street	St Marys	Commercial	70	70	70	70	0	36	37	30	33	37	38	31	33	31	33	33	34	31	33	35	36	35	36	36	37	30	33	39	39	40	40		
225-227 Queen Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	37	37	31	31	31	31	33	33	31	31	35	35	35	35	36	36	30	30	39	39	39	39		
231 Queen Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	31	31	35	35	35	35	36	36	30	30	39	39	39	39		
233 Queen Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	35	35	<30	<30	<30	<30	<30	<30	31	31	35	35	35	35	36	36	30	30	39	39	39	39		
235 Queen Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	37	37	<30	<30	<30	<30	<30	<30	31	31	35	35	35	35	36	36	30	30	39	39	39	39		
237 Queen Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	37	37	<30	<30	<30	<30	33	33	31	31	35	35	35	35	36	36	30	30	39	39	39	39		
239 Queen Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	37	37	<30	<30	<30	<30	33	33	31	31	35	35	35	35	36	36	30	30	39	39	39	39		
241 Queen Street	St Marys	Commercial	70	70	70	70	0	35	35	<30	<30	35	35	<30	<30	<30	<30	33	33	31	31	35	35	<30	<30	36	36	30	30	39	39	39	39		
245 Queen Street	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	30	30	35	35	<30	<30	33	33	<30	<30	<30	<30	38	38		
249 Queen Street	St Marys	Commercial	70	70	70	70	0	<30	<30	<30	<30	35	35	<30	<30	<30	<30	33	33	30	30	35	35	<30	<30	33	33	<30	<30	<30	<30	38	38		
1 Ross Place	St Marys	Residential	47	42	42	41	52	48	52	49	52	50	53	53	54	52	54	52	54	43	50	52	54	49	52	50	53	44	50	52	54	53	54		
2 Ross Place	St Marys	Residential	47	42	42	41	52	51	56	52	56	53	57	57	59	56	58	56	58	47	55	55	58	52	56	54	57	48	55	56	58	56	58		
3 Ross Place	St Marys	Residential	47	42	42	41	52	48	52	49	53	49	53	53	55	52	54	52	54	43	51	51	54	49	53	50	53	44	51	52	54	53	55		
3B Ross Place	St Marys	Residential	47	42	42	41	52	48	52	49	52	50	53	53	54	53	54	52	54	44	50	52	54	49	52	51	53	45	50	52	54	53	54		
4 Ross Place	St Marys	Residential	47	42	42	41	52	52	57	53	57	54	58	57	59	57	59	56	59	48	56	56	59	53	57	55	58	49	56	57	59	57	59		
5B Ross Place	St Marys	Residential	47	42	42	41	52	48	52	49	53	50	53	53	55	52	54	52	54	43	51	51	54	49	53	50	53	44	51	52	54	53	55		
5A Ross Place	St Marys	Residential	47	42	42	41	52	48	52	49	53	50	53	53	55	53	55	52	54	44	51	52	54	49	53	51	54	45	51	53	55	53	55		
6 Ross Place	St Marys	Residential	47	42	42	41	52	52	56	53	57	53	57	57	59	56	58	56	58	47	55	55	58	52	56	54	57	48	55	56	58	57	59		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
7 Ross Place	St Marys	Residential	47	42	42	41	52	48	52	49	52	50	53	53	54	52	54	52	54	44	50	51	53	49	52	51	53	45	50	53	54	53	54		
8 Ross Place	St Marys	Residential	47	42	42	41	52	52	56	53	57	54	57	57	59	56	58	56	58	47	55	55	58	53	57	55	58	49	55	56	58	57	59		
10 Ross Place	St Marys	Residential	47	42	42	41	52	51	56	52	56	53	57	56	58	56	58	55	58	47	55	55	58	52	56	54	57	48	55	56	58	56	58		
12 Ross Place	St Marys	Residential	47	42	42	41	52	49	53	50	54	50	54	52	55	51	54	51	54	44	52	50	54	48	53	50	54	44	52	53	55	53	55		
14 Ross Place	St Marys	Residential	47	42	42	41	52	49	54	49	54	50	54	52	55	52	55	51	55	44	53	51	55	46	53	50	54	44	53	53	56	53	56		
16 Ross Place	St Marys	Residential	47	42	42	41	52	47	52	48	52	49	53	50	53	50	53	49	53	43	51	49	53	47	52	50	53	44	51	51	54	52	54		
4-6 Sainsbury Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
8 Sainsbury Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
1 Stapleton Parade	St Marys	Residential	47	42	42	41	52	36	39	37	39	37	39	39	40	38	40	38	40	32	37	<30	35	<30	35	38	40	32	37	<30	35	40	41		
2 Stapleton Parade	St Marys	Residential	47	42	42	41	52	36	36	37	37	38	38	39	39	38	38	38	38	32	32	<30	<30	<30	<30	38	38	32	32	<30	<30	41	41		
3-5 Stapleton Parade	St Marys	Residential	47	42	42	41	52	37	37	38	38	38	38	39	39	39	39	38	38	32	32	<30	<30	35	35	38	38	32	32	41	41	41	41		
4 Stapleton Parade	St Marys	Residential	47	42	42	41	52	37	37	38	38	38	38	39	39	39	39	38	38	33	33	<30	<30	35	35	38	38	32	32	41	41	41	41		
5 Stapleton Parade	St Marys	Residential	47	42	42	41	52	37	40	38	41	38	41	39	41	40	42	39	41	33	38	39	41	36	40	<30	37	<30	37	41	42	42	43		
6 Stapleton Parade	St Marys	Residential	47	42	42	41	52	37	41	38	41	38	41	39	42	39	42	39	42	33	39	39	42	35	40	<30	38	<30	38	41	43	42	43		
7 Stapleton Parade	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	39	42	40	42	39	42	33	39	39	42	36	40	40	42	34	39	42	43	42	43		
8 Stapleton Parade	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	39	42	39	42	39	42	33	39	39	42	36	40	<30	38	<30	38	42	43	42	43		
9 Stapleton Parade	St Marys	Residential	47	42	42	41	52	38	41	39	42	<30	38	<30	38	40	42	39	42	34	39	39	42	36	40	40	42	34	39	42	43	42	43		
10 Stapleton Parade	St Marys	Residential	47	42	42	41	52	38	41	39	42	40	42	<30	38	40	42	39	42	34	39	39	42	36	40	40	42	34	39	42	43	42	43		
11 Stapleton Parade	St Marys	Residential	47	42	42	41	52	39	42	39	42	40	42	41	43	40	42	39	42	34	39	39	42	37	41	40	42	34	39	43	44	<30	38		
12 Stapleton Parade	St Marys	Residential	47	42	42	41	52	39	43	40	44	40	44	41	44	41	44	41	44	35	42	40	44	37	42	41	44	35	42	43	45	<30	41		
13 Stapleton Parade	St Marys	Residential	47	42	42	41	52	39	43	40	44	41	44	42	45	42	45	41	44	35	42	41	44	37	42	41	44	35	42	43	45	44	46		
14 Stapleton Parade	St Marys	Residential	47	42	42	41	52	40	40	41	41	41	41	43	43	42	42	42	42	35	35	41	41	37	37	41	41	35	35	44	44	44	44		
15 Stapleton Parade	St Marys	Residential	47	42	42	41	52	40	40	41	41	41	41	43	43	43	43	42	42	36	36	42	42	39	39	<30	<30	<30	<30	44	44	44	44		
1 Station Street	St Marys	Residential	47	42	42	41	52	52	56	53	57	54	57	54	57	54	57	54	57	48	55	53	57	52	56	53	57	47	55	56	58	56	58		
2 Station Street	St Marys	Residential	47	42	42	41	52	54	58	55	59	55	59	56	59	56	59	56	59	49	57	55	59	54	58	55	59	49	57	58	60	58	60		
3 Station Street	St Marys	Residential	47	42	42	41	52	56	61	57	62	58	62	59	63	59	63	59	63	51	61	58	62	57	62	58	62	52	61	60	63	61	64		
19 Swanston Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
8 Telford Place	North St Marys	Industrial	75	75	75	75	0	42	42	43	43	44	44	46	46	45	45	45	45	38	38	44	44	45	45	45	39	39	47	47	47	47			
10 Telford Place	North St Marys	Industrial	75	75	75	75	0	41	46	42	46	43	47	45	48	45	48	45	48	37	45	44	47	44	47	44	47	38	45	46	48	46	48		
12 Telford Place	North St Marys	Industrial	75	75	75	75	0	41	46	42	46	43	47	46	48	45	48	45	48	37	45	44	47	44	47	44	47	38	45	46	48	46	48		
14 Telford Place	North St Marys	Industrial	75	75	75	75	0	39	43	40	43	41	44	42	44	41	44	41	44	34	41	40	43	41	44	41	44	35	41	43	45	44	45		
2 The Kingsway	St Marys	Public	0	0	0	0	0	37	39	38	40	38	40	41	42	41	42	<30	35	33	37	40	41	36	39	<30	35	<30	35	41	42	41	42		
2 The Kingsway	St Marys	Active Recreation	65	65	65	65	0	35	38	<30	35	37	39	<30	35	38	40	<30	35	31	36	<30	35	<30	35	36	39	30	36	39	40	39	40		
3 Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	32	32			
5 Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	32	32			
6 Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
7 Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	30	30	<30	<30	<30	<30	30	30	<30	<30	<30	<30	<30	<30	<30	<30	<30	32	32	32	32			
8 Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	31	31			
8A Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	31	31	31	31			





Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
49 Thompson Avenue	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	39	40		
50 Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	33	33	<30	<30	<30	<30	37	37		
51 Thompson Avenue	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	38	40		
52 Thompson Avenue	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	37	37			
53 Thompson Avenue	St Marys	Residential	47	42	42	41	52	36	40	37	40	37	40	<30	37	<30	37	<30	37	32	38	35	39	<30	37	<30	37	<30	37	39	41	39	41		
54 Thompson Avenue	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	36	39	30	36	39	40	39	40		
56 Thompson Avenue	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	39	40		
58 Thompson Avenue	St Marys	Residential	47	42	42	41	52	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	<30	35	<30	35	<30	35	39	40	39	40		
60 Thompson Avenue	St Marys	Residential	47	42	42	41	52	36	40	37	40	38	41	<30	37	<30	37	<30	37	32	38	35	39	35	39	36	40	30	38	39	41	40	42		
41 Tobruk Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
1 Waratah Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	45	47	44	46	44	46	38	43	44	46	40	44	41	45	35	43	46	47	45	47		
3 Waratah Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	44	46	44	46	43	46	38	43	43	46	39	44	41	45	35	43	46	47	45	47		
5 Waratah Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	43	46	44	46	44	46	43	46	37	43	43	46	39	44	41	45	35	43	46	47	45	47		
7 Waratah Street	St Marys	Residential	47	42	42	41	52	41	45	42	45	42	45	44	46	44	46	43	46	37	43	43	46	39	44	41	45	35	43	45	47	45	47		
7A Waratah Street	St Marys	Residential	47	42	42	41	52	42	45	42	45	43	46	45	47	44	46	44	46	37	43	43	46	39	44	41	45	35	43	46	47	45	47		
7B Waratah Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	46	47	46	47	45	47	38	43	45	47	41	45	<30	42	<30	42	46	47	46	47		
9 Waratah Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	46	47	46	47	45	47	38	43	45	47	41	45	<30	42	<30	42	46	47	45	47		
11 Waratah Street	St Marys	Residential	47	42	42	41	52	42	45	43	46	43	46	46	47	46	47	45	47	38	43	45	47	41	45	<30	42	<30	42	46	47	45	47		
13 Waratah Street	St Marys	Residential	47	42	42	41	52	42	45	42	45	43	46	46	47	45	47	45	47	37	43	44	46	40	44	41	45	35	43	46	47	45	47		
15 Waratah Street	St Marys	Residential	47	42	42	41	52	41	44	42	45	43	45	45	46	45	46	44	46	37	42	44	46	40	44	41	44	35	42	46	47	45	46		
3 Warramunga Street	St Marys	Residential	47	42	42	41	52	38	41	39	41	40	42	42	43	41	42	41	42	33	38	40	42	39	41	41	42	35	39	42	43	<30	37		
6 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
12 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
14 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
16 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	34	38	<30	35	<30	35	<30	35	<30	35	35	38	36	39	36	39	30	36	<30	35	38	40		
18 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
20 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
22 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
24 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
26 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
28 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30		
30 Warrego Street	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	36	36	30	30	<30	<30	38	38		
1 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	36	36	37	37	38	38	39	39	39	39	39	39	31	31	<30	<30	<30	<30	38	38	32	32	<30	<30	41	41		
3 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	39	40	38	40	38	40	31	36	<30	35	37	39	38	40	32	37	39	40	40	41		
5 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	39	40	38	40	38	40	31	36	<30	35	37	39	38	40	32	37	39	40	40	41		
7 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	<30	35	38	40	38	40	30	36	<30	35	37	39	38	40	32	37	39	40	40	41		

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
9 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	36	36	<30	<30	<30	<30	39	39	39	39		
11 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	39	39		
13 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	36	36	30	30	<30	<30	39	39
15 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38
17 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38
18 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	39	40	39	40	39	40	31	36	35	38	37	39	38	40	32	37	41	42	41	42		
19 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38
20 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	36	36	30	30	<30	<30	38	38
21 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	
22 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	36	36	30	30	<30	<30	39	39
24 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38
26 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	35	35	36	36	30	30	<30	<30	38	38
28 Wattle Avenue	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	
1 Wilga Street	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	35	38	37	39	<30	35	<30	35	39	40	41	42		
2 Wilga Street	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	<30	35	<30	35	<30	35	<30	35	30	36	35	38	37	39	<30	35	<30	35	39	40	40	41		
3 Wilga Street	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	<30	35	<30	35	<30	35	31	36	<30	35	37	39	<30	35	<30	35	<30	35	41	42		
4 Wilga Street	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	<30	35	<30	35	<30	35	30	36	35	38	37	39	<30	35	<30	35	39	40	41	42		
5 Wilga Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	<30	35	<30	35	<30	35	31	36	<30	35	<30	35	<30	35	<30	35	<30	35	41	42		
6 Wilga Street	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	37	39	<30	35	<30	35	<30	35	30	36	35	38	<30	35	40	41	34	38	39	40	41	42		
7 Wilga Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	<30	35	<30	35	38	40	31	36	<30	35	<30	35	40	41	34	38	<30	35	42	43		
8 Wilga Street	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	38	40	<30	35	<30	35	<30	35	31	36	<30	35	<30	35	40	41	34	38	<30	35	41	42		
9 Wilga Street	North St Marys	Residential	48	43	43	43	53	36	39	37	39	38	40	<30	35	38	40	38	40	32	37	<30	35	<30	35	40	41	34	38	41	42	42	43		
10 Wilga Street	North St Marys	Residential	48	43	43	43	53	35	38	<30	35	38	40	<30	35	<30	35	38	40	31	36	<30	35	39	40	40	41	34	38	<30	35	42	43		
15 Willow Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	30	30	35	35	37	37	<30	<30	<30	<30	39	39	
17 Willow Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	37	39	<30	35	<30	35	<30	35	30	36	35	38	37	39	<30	35	<30	35	39	40	39	40		
19 Willow Road	North St Marys	Residential	48	43	43	43	53	<30	35	<30	35	37	39	<30	35	<30	35	<30	35	30	36	35	38	37	39	36	39	30	36	39	40	39	40		
22 Willow Road	North St Marys	Residential	48	43	43	43	53	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30		
24-40 Willow Road	North St Marys	Educational	55	55	55	55	0	<30	35	<30	35	35	38	<30	35	<30	35	<30	35	30	36	35	38	36	39	36	39	30	36	39	40	39	40		
24-40 Willow Road	North St Marys	Child Care	50	50	50	50	0	36	40	37	40	38	41	39	41	38	41	38	41	32	38	<30	37	37	40	38	41	32	38	41	42	41	42		
1 Yeramba Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
2 Yeramba Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30			
3 Yeramba Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30			
4 Yeramba Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	<30	<30	<30	<30	<30	<30			

Street Address	Suburb	Receiver Type	Noise Management Level					Predicted Noise Level																											
			Standard Hours	Out-of-Hours Works			Sleep Disturbance	w.002		w.003		w.004		w.005		w.006		w.007		w.008		w.009		w.010		w.011		w.012		w.013		w.014			
				D	D	E		N	N	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>	L <sub>eq</sub>	L <sub>max</sub>		
6 Yeramba Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	<30	<30	36	36	30	30	<30	<30	37	37	
9 Yeramba Street	St Marys	Residential	47	42	42	41	52	<30	<30	<30	<30	34	34	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	35	35	36	36	30	30	<30	<30	38	38		

