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Our Ref: J000592

6 October 2026

Chief Executive Officer
City of Melville
Locked Bag 1
BOORAGOON WA 6954

Dear Sir/Madam

21 (LOT 2) HISLOP ROAD, ATTADALE – CHANGE OF USE TO RESIDENTIAL AGED CARE (UNLISTED USE)

is pleased to submit this application to change the use of the building at 21 Hislop Road, Attadale from a Hospital to a Residential Aged Care facility (Unlisted Use). This application is only for a change of use with the works component internal to the building and therefore exempt from requiring approval.

In accordance with the City of Melville's requirements, please find enclosed:

- A completed and signed City of Melville Application for Development Approval.
- The Certificate of Title.
- The location, site and floor plans.
- Acoustic Report.

Subject Site

The subject site is 21 Hislop Road, Attadale, being Lot 2 on Certificate of Title Volume 1345 Folio 668 and Diagram 44200. The Lot is 5262m^2 in area and has a frontage to Hislop Road.

The lot is subject to easement burdens to the City of Melville as follows:

- Easement located in south-east corner of site for a depth of 1.85 metres for a length of 30.6 metres
- Easement located along western boundary for a width of 2 metres for the full length of the boundary (35.51 metres)

The site is not located within a bushfire prone area.

The subject site is not European heritage listed by the HCWA or the City of Melville.

The subject site is not identified as an Aboriginal Heritage Registered Site.

The site is not identified as a contaminated site on the Contaminated Sites Database.

The site currently accommodates the Attadale Rehabilitation Hospital.

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Metropolitan Region Scheme (MRS)

The site is zoned 'Urban' under the Metropolitan Region Scheme (MRS). There are no reservations impacting the site.

State Planning Policy 5.4 Road and Rail Noise

The site is located within the trigger distance of Canning Highway. An acoustic assessment has been prepared and is enclosed.

City of Melville Local Planning Scheme No. 6

The site is zoned Private Clubs, Institutions and Place of Worship. The intent of the zone is to:

- To provide sites for privately owned and operated recreation, institutions and places of worship.
- To integrate private recreation areas with public recreation areas wherever possible.
- To provide for a range of privately owned community facilities and uses that are incidental and ancillary to the provision of those facilities, which are compatible with surrounding development.

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- To ensure that the standard of development is in keeping with surrounding development and protects the amenity of the area.

Proposed Change of Use

The proposed development involves a change of use from Hospital to Residential Aged Care (RAC). The only works component are internal works which are exempt from the requirement to obtain planning approval.

The RAC maintains the same number rooms (39) as the hospital. The majority of the RAC rooms will be used by long term residents, however, some rooms will be provided for short stay services, which is similar to the nature of the existing hospital.

The RAC will provide 39 rooms for 39 residents and will be staffed by 10-15 persons on site at any one time. Similar to the hospital, staff work on a shift rotation.

The internal works address the change from hospital to RAC such as the gymnasium changing to a dining room etc.

Planning Assessment

Land Use

Residential Aged Care is a use not listed. The proposed use is similar to a hospital, which is existing on the site, and is consistent with the Zone objectives in that the site will provide for a privately owned and operated institution.

Given the similarity to the existing use and consistent with the zone objectives, the provision of an RAC is considered appropriate on the site.

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Built Form

There is no change to the external built form.

Car Parking

There is no change to the car parking on site. Local Planning Policy 1.6 does not have a requirement for a Residential Aged Care, however, does provide a rate for a hospital being 1 bay per 3 beds and 0.5 bays per staff member.

The proposed RAC retains the same number of beds as the hospital with the RAC staff levels less that a hospital, being approximately 10-15 staff on site at any one time. The site provides approximately 35 bays, which provides 13 bays for the rooms (based on 1 per 3 beds) and 22 bays for staff (10-15 staff on site at any one time).

The proposed car parking is appropriate for the change of use.

Conclusion

The proposed change of use is appropriate for the site given that it currently operates as a hospital which is a similar type of use to that of an RAC.

We look forward to your favourable consideration of this application.

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1 / - EXISTING SITE PLAN
1 : 200

T1	INTERIM ISSUE FOR PRICING			04.09.2026
revision/ issue	description	drawn by	check by	date

project
ATTADALE HOSPITAL REDEVELOPMENT
location
21 HISLOP RD, ATTADALE, PERTH

drawn: SD
checked: NP
description: EXISTING SITE PLAN

Hodge Collard Preston ARCHITECTS
Third Floor, 38 Richardson Street, West Perth, WA 6005
PO Box 743, West Perth, WA 6872
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scale: 1 : 200
date: 04.09.2026
project no: 32.26
dwg no: A002
rev: T1

Document Set ID: 7538889
Version: 2, Version Date: 08/10/2026



1 - GROUND FLOOR_
1 : 200 @ A1

ROOM SCHEDULE
MEASURED TO INSIDE FACE OF WALLS

	BEDROOMS	684m²
	CIRCULATION	472m²
	TREATMENT / CONSULT	146m²
	ALLIED HEALTH	102m²
	RECEPTION / ADMIN / OFFICES	375m²
	GYM	113m²
	LOUNGE	71m²
	KITCHEN/PANTRY	67m²
	BOH / PLANT/ STORE	194m²
	COMMON AMENITIES	44m²
	STAFF	39m²
NEW LETTABLE AREA - NO EXTERNAL WALLS		2434m²
GBA MEASURED TO OUTSIDE FACE OF WALLS		2555m²

AREAS FOR GENERAL INFORMATION ONLY
AREAS TO BE CONFIRMED BY SURVEY.

INTERIM ISSUE ONLY
DATE: 24-05-2026

N

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GROUND SITE FLOOR PLAN - EXISTING

SK02

ATTADALE HOSPITAL REDEVELOPMENT
21 HISLOP RD, ATTADALE, PERTH
REVISION H PROJECT NO. 32.26 DATE 25-05-2026

Hodge Collard Preston ARCHITECTS

Document Set ID: 7518893
Version: 2, Version Date: 08/10/2026



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1 GROUND FLOOR PLAN - MAIN AREAS

1 : 200

MAIN AREAS (REFER TO A800 SERIES)	
RECEPTION / FOYER	
NEW RESIDENT DINING ROOM	
LAUNDRY/ CLEANING STORE	
KITCHEN/ COOLROOM / PANTRY / STORE / SERVERY	
BEDROOM / ENSUITE TYPE	

TYPE	NUMBER	QUANTITY	
TYPE A	BED 11, 13, 15	3 ROOMS	
TYPE B	BED 1, 12, 14, 16, 18, 20, 22, 24, 26 28, 30, 32, 34, 36	14 ROOMS	
TYPE C	BED 2, 19, 21, 23, 25, 27, 29, 31, 33, 35	10 ROOMS	
TYPE D	BED 37, 38, 39	3 ROOMS	
TYPE E	BED 3, 4, 5, 6, 7, 8, 9, 10, 17	9 ROOMS	
	TOTAL ROOM NUMBER	39 ROOMS	

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. DO NOT SCALE FROM THE DRAWINGS.
3. LARGE SCALE (e.g., 1:5, 1:10, etc) DRAWINGS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS (e.g., 1:500, 1:1000, etc).
4. THE CONTRACTOR SHALL CARRY OUT THE WORK IN ACCORDANCE WITH THE SCHEDULES, THE NCC 2025, ALL RELEVANT AUSTRALIAN STANDARDS AND THE LOCAL AUTHORITY REQUIREMENTS.
5. THE CONTRACTOR AND SUBCONTRACTORS SHALL CHECK & VERIFY ALL DIMENSIONS ON THE SITE, NOTE ALL VISIBLE SITE CONDITIONS & ACCESS REQUIREMENTS PRIOR TO THE COMMENCEMENT OF ANY BUILDING WORK.
6. ALL INTERNAL AREAS SHOWN ON PLANS MEASURED TO INSIDE FACE OF WALLS.
7. CONTRACTOR SHALL SEEK CLARIFICATIONS FROM ARCHITECTS SHOULD THERE BE DISCREPANCIES WITHIN OR BETWEEN ARCHITECTURAL DRAWINGS AND SITE, PRIOR TO COMMENCING WORKS.
8. DRAWINGS TO BE READ IN CONJUNCTION WILL ALL CONSULTANTS' AND SUBCONTRACTORS' DOCUMENTATION.
9. ALL FIXTURES AND FITTING TO COMPLY WITH THE AS 1428.1
10. ALL MATERIALS SHALL BE NEW & CONFORM TO WHAT IS SHOWN ON THE SCHEDULES AND DRAWINGS.
11. ALERT ALL TRADES & SUBCONTRACTORS TO PRESENCE OF ASBESTOS ON SITE. ALLOW TO TAKE ALL NECESSARY PRECAUTIONS & IMMEDIATE REPORT ANY ASBESTOS FOUND ON SITE TO SUPERINTENDENT IN ACCORDANCE WITH WORKSAFE REQUIREMENTS.

AS 1428 NON-COMPLIANCE ITEMS - RESIDENTS' BEDROOMS AND BATHROOMS:

THE FOLLOWING ITEMS HAVE BEEN IDENTIFIED AS NOT COMPLYING WITH THE RELEVANT ACCESSIBILITY REQUIREMENTS OF AS 1428:

- **DOOR CLEARANCES**: MULTIPLE BATHROOM DOORS AND SOME BEDROOM DOORS DO NOT PROVIDE THE MINIMUM 850 MM CLEAR OPENING.
- **BATHROOM CIRCULATION:** BATHROOMS DO NOT PROVIDE ADEQUATE CIRCULATION SPACE FOR WHEELCHAIR TURNING AND FOR SAFE WHEELCHAIR TRANSFERS TO/FROM SANITARY FIXTURES.
- **BEDROOM CIRCULATION:** BEDROOM TYPES A, B, C AND E DO NOT PROVIDE THE REQUIRED WHEELCHAIR TURNING SPACES OF 1500 × 1500 MM FOR A 90° TURN OR 2070 × 1540 MM FOR A 180° TURN. A MINIMUM 1000 MM CLEAR PATH AND BEDSIDE CLEARANCE IS CURRENTLY PROVIDED.
- **COURTYARD ACCESS**: ACCESS PATHS TO THE COURTYARDS ARE NON-COMPLIANT. DOORWAYS ARE REQUIRED TO PROVIDE A MINIMUM 850 MM CLEAR OPENING. SOME OF THE DOORS DO NOT PROVIDE A FLUSH THRESHOLD
- **TELEVISION HEIGHT:** THE MOUNTING HEIGHT OF TELEVISIONS DOES NOT COMPLY WITH THE RELEVANT ACCESSIBILITY REQUIREMENTS.
- **DOOR HARDWARE:** DOOR HARDWARE HEIGHTS DO NOT FULLY COMPLY WITH THE RELEVANT ACCESSIBILITY REQUIREMENTS OF AS 1428.
- **WAYFINDING AND SIGNAGE**: EXISTING WAYFINDING AND SIGNAGE DO NOT ADEQUATELY SUPPORT RESIDENTS WITH VISION IMPAIRMENT AND REQUIRE REVIEW FOR COMPLIANCE WITH THE RELEVANT ACCESSIBILITY REQUIREMENTS.

revision/ issue	description	drawn by	check by	date
T1	INTERIM ISSUE FOR PRICING			04.09.2026

project: ATTADALE HOSPITAL REDEVELOPMENT
location: 21 HISLOP RD, ATTADALE, PERTH
drawn: Author
checked: Checker
description: GROUND FLOOR PLAN - MAIN AREAS
scale: As indicated
date: 04.09.2026
project no: 32.26
dwg no: A100
rev: T1

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1 / - GROUND FLOOR PLAN - SECONDARY AREAS
1 : 200

FINISHES LEGEND - SECONDARY AREAS

CODE	IMAGE	CATEGORY	SPECIFICATION	FINISH	LOCATION
PAINT					
PA01		GENERAL PAINT	DULUX AQUA ENAMEL/ STERIGUARD ENAMEL SEMI GLOSS	COLOUR: GRAND PIANO QUARTER CODE:S15C1Q	
PA02		SPECIFIC DETAIL PAINT AND OPERATIONAL DOORS (SKIRTING, DADO, TRIMS & CORNICE)	DULUX AQUA ENAMEL/ STERIGUARD ENAMEL SEMI GLOSS	COLOUR: PEPLUM QUARTER CODE:PN2C1	
PA21		CEILING PAINT	DULUX ENVIR02 CEILING FLAT	COLOUR: VIVID WHITE CODE:SW1G1	
RESILIENT FINISH - FLOOR					
RF07		FLOOR VINYL	FORBO VINYL SHEET RANGE: SURESTEP STAR	COLOUR: MORTAR CODE: 176312	HEALTH RECORDS, NURSES OFFICE AND CORRIDOR
SK01		SKIRTING - MOULDED	DENSITY FIBREBOARD (MDF) MOISTURE RESISTANCE (MR) PROFILE S10 (PRIMED) 170mmH x 18mm	PRE-PRIMED AND PAINTED IN PA02	

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5. THE CONTRACTOR AND SUBCONTRACTORS SHALL CHECK & VERIFY ALL DIMENSIONS ON THE SITE, NOTE ALL VISIBLE SITE CONDITIONS & ACCESS REQUIREMENTS PRIOR TO THE COMMENCEMENT OF ANY BUILDING WORK.

6. ALL INTERNAL AREAS SHOWN ON PLANS MEASURED TO INSIDE FACE OF WALLS.

7.CONTRACTOR SHALL SEEK CLARIFICATIONS FROM ARCHITECTS SHOULD THERE BE DISCREPANCIES WITHIN OR BETWEEN ARCHITECTURAL DRAWINGS AND SITE, PRIOR TO COMMENCING WORKS.

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9. ALL FIXTURES AND FITTING TO COMPLY WITH THE AS 1428.1

10. ALL MATERIALS SHALL BE NEW & CONFORM TO WHAT IS SHOWN ON THE SCHEDULES AND DRAWINGS.

11. ALERT ALL TRADES & SUBCONTRACTORS TO PRESENCE OF ASBESTOS ON SITE. ALLOW TO TAKE ALL NECESSARY PRECAUTIONS & IMMEDIATE REPORT ANY ASBESTOS FOUND ON SITE TO SUPERINTENDENT IN ACCORDANCE WITH WORKSAFE REQUIREMENTS.

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- **TELEVISION HEIGHT:** THE MOUNTING HEIGHT OF TELEVISIONS DOES NOT COMPLY WITH THE RELEVANT ACCESSIBILITY REQUIREMENTS.
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- **WAYFINDING AND SIGNAGE**: EXISTING WAYFINDING AND SIGNAGE DO NOT ADEQUATELY SUPPORT RESIDENTS WITH VISION IMPAIRMENT AND REQUIRE REVIEW FOR COMPLIANCE WITH THE RELEVANT ACCESSIBILITY REQUIREMENTS.

GENERAL DEMOLITION NOTES:

- FOR ALL SURFACES SCHEDULED OR INDICATED TO REMAIN, MAKE GOOD. PATCH AND REPAIR WHERE AFFECTED BY DEMOLITION WORKS. REMEDIAL AND MAKING-GOOD WORKS TO EXISTING WALLS, CONCRETE SLABS, FINISHES, AND ALL ASSOCIATED INTERFACES SHALL BE UNDERTAKEN AS REQUIRED FOLLOWING DEMOLITION AND ALTERATION WORKS. ALL AFFECTED AREAS SHALL BE PROPERLY REPAIRED, PREPARED, ALIGNED, AND MADE GOOD TO ACHIEVE A SOUND, DURABLE, AND CONSISTENT FINISH WITH ADJOINING EXISTING AND NEW WORKS.
- ALL DEMOLITION WORKS SHALL BE CARRIED OUT IN A SAFE AND ACCEPTABLE MANNER. THOROUGHLY CLEAN ALL ADJACENT AREAS OF DUST AND DEBRIS CAUSED BY THE DEMOLITION WORKS.
- PROVIDE TEMPORARY HOARDING/PARTITIONING AND DUST PROTECTION TO THE STAGING OF THE WORKS, LOCATIONS TO BE REVIEWED.
- PRIOR TO ANY DEMOLITION WORKS IT SHALL BE THE BUILDERS / CONTRACTORS RESPONSIBILITY TO COORDINATE AND PROVIDE WHERE NECESSARY BRACING / PROPPING AND THE LIKE TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE BUILDING. PROVIDE ALL TEMPORARY SHORING, SCAFFOLDING ETC. WHICH MAY BE REQUIRED AS NECESSARY TO PREVENT COLLAPSE, SUBSIDENCE, DEFLECTION OR ANY OTHER DAMAGE.
- THE DEMOLITION PLAN IS TO BE READ IN CONJUNCTION WITH THE PROPOSED LAYOUT PLAN.
- ALL DEMOLISHED BUILDING MATERIAL, REDUNDANT FIXTURES, FITTINGS, ETC NOT INDICATED TO BE REUSED, MODIFIED OR SALVAGED SHALL BE REMOVED AND LEGALLY DISPOSED OFFSITE.
- DEMOLISHED MATERIAL SHALL NOT ACCUMULATE ON SITE AND SHALL BE REMOVED AND TRANSPORTED IN A MANNER THAT WILL PREVENT SPILLAGE ADJACENT SURFACES AND AREAS.
- COORDINATE ALL DEMOLITION WORKS WITH SERVICES CONTRACTORS.
- WHERE EXISTING FASTENINGS, ANCHORS ETC ARE LEFT EXPOSED BY THE REMOVAL/DEMOLITION WORKS, FIXTURES, FITTINGS, ETC. THEY SHALL BE CUT/REMOVED TO A DEPTH SUFFICIENT TO ALLOW FOR CONCEALMENT BY THE NEW CONSTRUCTION WORKS AND ALLOWANCES MADE FOR PROPER PATCHING OF THE EXISTING ADJACENT CONSTRUCTION MATERIAL.
- ALL EXISTING AREAS SCHEDULED FOR NEW FLOOR FINISHES: THE EXISTING CONCRETE FLOOR SLAB SURFACES SHALL BE FILLED, PATCHED AND LEVEL. ALL HOLES, BLEMISHES, DEPRESSIONS, SLOPES TO REDUNDANT DRAINS, ABANDON PENETRATIONS ETC. (WHERE EXISTING OR RESULTING FROM DEMOLITION) AS REQUIRED TO ESTABLISH A SMOOTH, UNIFORM LEVEL SURFACE FLUSH WITH THE ADJACENT EXISTING CONCRETE SURFACE AND APPROPRIATE TO RECEIVE THE SCHEDULED NEW FLOOR FINISH MATERIAL.
- ALL SERVICES MADE REDUNDANT BY DEMOLITION WORKS AND/OR REMOVAL OF FIXTURES/FITTINGS. SHALL BE SAFELY CUT, TERMINATED, SEALED AND REMOVED.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SERVICES ENGINEERS DRAWINGS AND FOR SERVICES THAT REQUIRE MODIFYING TO SUIT THE PROPOSED WORKS.
- ALL DEMOLITION WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT LOCAL STATE GOVERNMENT AND AUTHORITY REGULATIONS AND IN ACCORDANCE WITH "WORK SAFE AUSTRALIA" CODE OF PRACTICE.

!!!!CONTAMINATION / ASBESTOS WORKS:

KNOWN ACM: ASBESTOS-CONTAINING MATERIAL (ACM) IS KNOWN TO BE PRESENT WITHIN THE EXTERNAL WALLS AT THE NORTH-WEST CORNER OF THE BUILDING ENVELOPE (KITCHEN).
BUILDER/CONTRACTOR TO ENGAGE A SUITABLY QUALIFIED HAZARDOUS MATERIALS CONSULTANT TO ASSESS THE AFFECTED AREA PRIOR TO COMMENCEMENT OF WORKS.

ACM SHALL ONLY BE DISTURBED, REMOVED, TRANSPORTED OR DISPOSED OF BY APPROPRIATELY LICENSED AND COMPETENT CONTRACTORS IN ACCORDANCE WITH APPLICABLE REQUIREMENTS.

IF PREVIOUSLY UNIDENTIFIED OR SUSPECTED ACM IS ENCOUNTERED, STOP WORKS, ISOLATE THE AREA AND NOTIFY THE BUILDER, SUPERINTENDENT AND HAZARDOUS MATERIALS CONSULTANT. DO NOT DISTURB OR REMOVE THE MATERIAL UNTIL APPROPRIATELY ASSESSED AND CONTROLLED.

COMPLIANCE: ALL ASBESTOS-RELATED WORKS SHALL COMPLY WITH THE CURRENT APPLICABLE WESTERN AUSTRALIAN WORK HEALTH AND SAFETY LEGISLATION AND REGULATIONS, INCLUDING THE CODE OF PRACTICE: HOW TO MANAGE AND CONTROL ASBESTOS IN THE WORKPLACE AND CODE OF PRACTICE: HOW TO SAFELY REMOVE ASBESTOS, AND APPLICABLE ENVIRONMENTAL AND CONTROLLED-WASTE REQUIREMENTS.

SCOPE OF WORKS - SECONDARY AREAS

DESCRIPTION

STAFF AND SECURITY ROOM
- REMOVE THE EXISTING SHELVING.
- REMOVE THE EXISTING INTERNAL BLIND.
- INSTALL THE NEW GLAZED WALL.
- RELOCATE THE DOOR CLEAR OF THE FIRE HOSE REEL AND DISTRIBUTION BOARD.
- INSTALL A NEW DOOR, DOOR HARDWARE AND ACCESS CONTROL.
- RETAIN AND PROTECT THE EXISTING FLOORING.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- MAKE GOOD ALL SURFACES AFFECTED BY THE ALTERATION WORKS.

NURSES' STATIONS / CLEAN UTILITY / DIRTY UTILITY / CLEANERS
- RETAIN AND PROTECT THE EXISTING NURSES ' STATIONS.
- RETAIN THE EXISTING FLOORING AND JOINERY.
- PATCH AND PAINT THE WALLS.
- MAKE GOOD CEILINGS AFFECTED BY SERVICE WORKS.
- RETAIN THE EXISTING ELECTRICAL, DATA AND NURSE-CALL SERVICES.
- REINSTATE ALL FINISHES AFFECTED BY ADJOINING WORKS.

DRUG ROOM
- RETAIN THE EXISTING ROOM LAYOUT, SECURE JOINERY AND FLOORING.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- INSTALL NEW DOOR HARDWARE AND ACCESS CONTROL.
- MAKE GOOD ALL SERVICE PENETRATIONS.
- RETAIN ALL EXISTING WALL VINYL AND INSTALL NEW FIXTURES TO SUIT EXISTING HOLES WHERE PRACTICABLE.

RESIDENTS LOUNGE
- RETAIN AND PROTECT THE EXISTING FLOORING.
- RETAIN THE EXISTING FURNITURE AND JOINERY.
- RETAIN SERVICEABLE WINDOW TREATMENTS.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- MAKE GOOD ALL AREAS AFFECTED BY ADJOINING DEMOLITION AND SERVICE WORKS.
- INCORPORATE THE FORMER HAIRDRESSING ROOM INTO THE ADJOINING LOUNGE.

OCCUPATIONAL THERAPY ROOM
- RETAIN THE OCCUPATIONAL THERAPY ROOM IN ITS CURRENT LOCATION.
- RETAIN AND PROTECT THE EXISTING FLOORING AND JOINERY.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- REMOVE REDUNDANT FIXTURES AND SERVICES.
- PROVIDE GENERAL POWER AND DATA.
- EXCLUDE PHYSIOTHERAPY EQUIPMENT FROM THIS ROOM.

EDUCATION & TRAINING
- ESTABLISH THE PHYSIOTHERAPY ROOM WITHIN THE NOMINATED EXISTING ROOM.
- REMOVE REDUNDANT FIXTURES AND STORED ITEMS.
- RETAIN AND PROTECT THE EXISTING FLOORING.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- PROVIDE GENERAL POWER AND DATA.
- RETAIN SUITABLE EXISTING JOINERY.
- EXCLUDE PHYSIOTHERAPY EQUIPMENT PROCUREMENT FROM THE CONSTRUCTION SCOPE.

TREATMENT AND CONSULTATION ROOMS
- RETAIN THE EXISTING ROOM LAYOUTS, FLOORING, JOINERY AND FIXTURES.
- RETAIN SERVICEABLE WINDOW TREATMENTS.
- PATCH AND PAINT DAMAGED WALL SURFACES.
- MAKE GOOD CEILINGS AFFECTED BY SERVICE WORKS.
- REMOVE REDUNDANT FIXTURES AND SERVICES.
- REINSTATE ALL FINISHES AFFECTED BY THE WORKS.

OFFICES, MEETING AND TRAINING ROOMS
- RETAIN THE EXISTING ROOM LAYOUTS.
- RETAIN AND PROTECT THE EXISTING FLOORING AND JOINERY.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- RETAIN SERVICEABLE WINDOW TREATMENTS.
- PROVIDE THE NOMINATED POWER AND DATA MODIFICATIONS.
- MAKE GOOD ALL SERVICE PENETRATIONS.
- CONFIGURE THE MEETING ROOM FOR MULTIPURPOSE USE.

HEALTH RECORDS ROOM / NURSES' OFFICE
- REMOVE THE EXISTING FLOORING.
- INSTALL NEW SHEET VINYL FLOORING AND SKIRTING.
- RETAIN AND PROTECT THE EXISTING SHELVING.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- INSTALL NEW DOOR HARDWARE AND ACCESS CONTROL.
- MAKE GOOD ALL SURFACES AFFECTED BY THE WORKS.

STAFF DINING AND END-OF-TRIP FACILITIES
- RETAIN THE EXISTING ROOM LAYOUTS, FLOORING, FIXTURES AND JOINERY.
- PATCH AND PAINT DAMAGED SURFACES.
- MAKE GOOD ALL AREAS AFFECTED BY SERVICE WORKS.
- RETAIN SERVICEABLE WINDOW TREATMENTS.
- RETAIN EXISTING LOCKERS.

STAFF UNISEX BATHROOM / WC
- RETAIN THE EXISTING ROOM LAYOUT.
- RETAIN THE EXISTING COMPLIANT SANITARY FIXTURES.
- REMOVE AND REPLACE DAMAGED SEALANTS.
- PATCH DAMAGED WALL AND FLOOR FINISHES.
- PATCH AND PAINT THE CEILING.
- INSTALL NEW DOOR HARDWARE.
- MAKE GOOD ALL SERVICE PENETRATIONS.

CORRIDORS
- RETAIN AND PROTECT THE EXISTING CARPET AND VINYL FLOORING.
- RETAIN THE EXISTING HANDRAILS.
- RETAIN THE EXISTING WALL VINYL.
- PATCH AND REPAIR DAMAGED WALL VINYL.
- REUSE EXISTING WALL-VINYL PENETRATIONS.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- REPAIR EXISTING CEILING CRACKS.
- RETAIN AND REPAINT THE EXISTING BULKHEADS.
- REINSTATE CEILINGS AFFECTED BY WET-FIRE AND SERVICE WORKS.
- REPLACE DAMAGED CEILING TILES.
- REPLACE VINYL FLOORING ONLY TO THE AREA LEFT OFF THE MAIN ENTRANCE (PINK FLOORING).
- REPLACE THE GLASS FILM ON THE WINDOWS OF THE SOUTHERN CORRIDORS.

LOUNGE
- REMOVE THE EXISTING CARPET
- DEMOLISH INTERNAL WALLS.
- INSTALL NEW VINYL PLANK FLOORING
- PATCH AND REPAIR DAMAGED WALL VINYL.
- PATCH AND PAINT ALL WALLS AND CEILINGS.
- REPAIR EXISTING CEILING.
- REINSTATE CEILINGS AFFECTED BY WET-FIRE AND SERVICE WORKS.

revision/ issue	description	drawn by	check by	date
T1	INTERIM ISSUE FOR PRICING			04.09.2026

project: ATTADALE HOSPITAL REDEVELOPMENT
location: 21 HISLOP RD, ATTADALE, PERTH
drawn: Author
checked: Checker
description: GROUND FLOOR PLAN - SECONDARY AREAS

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scale: As indicated
date: 04.09.2026
project no: 32.26
dwg no: A101
rev: T1

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Attadale Hospital Redevelopment

21 Hislop Rd, Attadale WA 6156

Acoustic Report – Development Application

Project No.	P04322
Revision	01
Issued	14 September 2026

Document Set ID: 7528749
Version: 1, Version Date: 06/10/2026

Issue and Revision Record

Revision	Date	Comments	Engineer	Reviewer
01	14.09.2026	Development Application	IK	TDN
02				
03				
04				

Information has been based on our understanding of the documented project within the information provided.

The project design and construction team are required to review and consider the implications of these recommendations on their design for the project. The design team shall coordinate with any specific condensation, acoustic, wind, structural, safety, constructability, maintenance or architectural design requirement for this particular project.

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Engineering Lab NSW Pty Ltd

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Imran Khan | National Technical Director



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We recognise the Traditional Custodians of the land on which the proposed development will be constructed. We respect their enduring cultural and spiritual connections to the land and waters, and celebrate their knowledge, kinship, and values. We acknowledge that these connections to the land and waters have existed for millennia and will continue into the future. We respect the Elders who have gone before, together with those of today for their guidance on our shared journey. We recognise that we are, and always will be, on Aboriginal land.

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1. Introduction

1.1 Documents Purpose

has been commissioned by to undertake an acoustic assessment for the proposed redevelopment of Attadale Hospital, located at 21 Hislop Road, Attadale WA. The redevelopment of the site is planned to involve converting the existing building into a care facility.

This report has been prepared to support the Development Application for the project to City of Melville. The following acoustic assessments were undertaken, and initial recommendations are made to maintain compliance:

- Noise emissions from the development impacting noise sensitive receivers in accordance with WA Environmental Protection (Noise) Regulations 1997
- Road & Rail Traffic Noise impact assessment in accordance with State Planning Policy5.4.

1.2 Relevant Documents

The following standards, guidelines have been used to establish the project specific acoustic design requirements for the project.

- Australian Standard AS2107:2016 – Acoustics – Recommended Design sound levels and reverberation times for building interiors.
- WA Environmental Protection (Noise) Regulations 1997
- WA Health Facility Guidelines for Engineering Services 2025
- State Planning Policy 5.4 - Road and rail noise
- Architectural Drawings by Hodge Collard Preston Architects dated 25 May 2026

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1.3 Project Location

The project site is the existing Attadale Rehabilitation Hospital, located at 21 Hislop Rd, Attadale WA 6156. The area surrounding the site is primarily residential except for a nature reserve to the South and Alfred Cove to the East. Further south lie commercial establishments along canning highway, a major traffic corridor.

The Site is bordered by Hislop Road to the north, residential development to the east and west and Mick Jahn reserve to the South.

The project location is within trigger distance of State Planning Policy 5.4 – Road and Rail Noise due to its proximity to Canning Highway. Figure 1 shows the project location and the nearest noise sensitive receivers



Figure 1: Land Uses surrounding the project (Source: *City of Melville Intramaps*)

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2. Acoustic Design Criteria

This section outlines the regulatory requirements and acoustic design criteria applicable to the proposed development.

2.1 Internal Noise Levels

The design criteria have been developed to enable a suitable acoustic environment within the spaces in the hospital.

The recommended internal noise levels is a combination of internal noise levels from building services and external sources. The internal noise levels are typically dominated by noise from external sources such as traffic noise (road & rail), and mechanical services noise such as air conditioning.

2.1.1 Continuous Noise Sources

Recommended internal noise levels for the project are outlined by AS2107:2016 Acoustics - Recommended design sound levels and reverberation times for building interiors (AS2107:2016). The recommended internal noise levels stated in AS 2107:2016 apply to the combined internal noise levels from building services and external sources. The internal noise level criteria in AS2107 recommend continuous equivalent (L_{Aeq}) levels for background noise / steady state noise.

A summary of the AS2107 criteria is presented in Table 1. Areas not listed in the table, reference shall be made to spaces of similar usage with AS2107:2016.

Table 1: Project internal noise targets

Room Type	Recommended Design Sound Level, L_{Aeq}, dB(A)
bedrooms—Single Bed	35-40
Waiting rooms, reception areas	40-50
Control rooms	40 to 50
Corridors and lobby spaces	< 50
Consulting rooms	40 to 45
Kitchens, sterilizing and service areas	< 55
Nurseries	35 to 45
Nurses' stations	40 to 45
Office areas	35 to 45
Patient lounge	40 to 45
Pharmacies	45 to 50
Staff rooms	40 to 45
Utility rooms	50 to 60

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2.1.2 Rain Noise

There is no mandatory guidance in relation to internal noise limits due to rain noise. However, it is recommended that the internal noise levels are designed not to exceed the levels stated in Table 2, for a rainfall of 10mm/hr.

Table 2: Rain noise criteria

Type of Occupancy / Activity	Recommended design sound level, l_{Aeq}, dB(A)
Noise sensitive areas ▪ Wards ▪ Meeting rooms, Consultation room, Interview room ▪ Workplace General office areas ▪ Quiet room	Intermittent noise from rainfall may be up to 5dB(A) above the maximum recommended levels in AS 2107:2016
Non-sensitive areas ▪ Amenities Area ▪ Toilets ▪ Public Circulation area ▪ Storeroom	Noise level not to exceed by more than 10 dB(A) above the maximum design sound levels in AS 2107:2016

2.2 State Planning Policy 5.4

SPP 5.4 outlines the indoor and outdoor noise criteria applicable to noise-sensitive land uses in relation to major road and rail transport corridors.

As shown in Figure 2, the project location is situated within the trigger distance of a major road (Canning Highway). Applicable noise level criteria are presented in Table 3 in accordance with SPP5.4.

Table 3: State Planning Policy 5.4 Criteria

Proposal	New / Upgrade	Noise Target - Outdoor		Noise Target - Indoor
		Day 6am – 10pm L_{Aeq},(Day) dB	Night 10pm – 6am L_{Aeq},(Night) dB	
Noise-Sensitive land-use and/or development	New noise-sensitive land-use and/or development within the trigger distance of an existing/proposed transport corridor	55	50	DAY – L_{Aeq} 40 (Living & Work Areas) NIGHT – L_{Aeq} 35 (Bedrooms)

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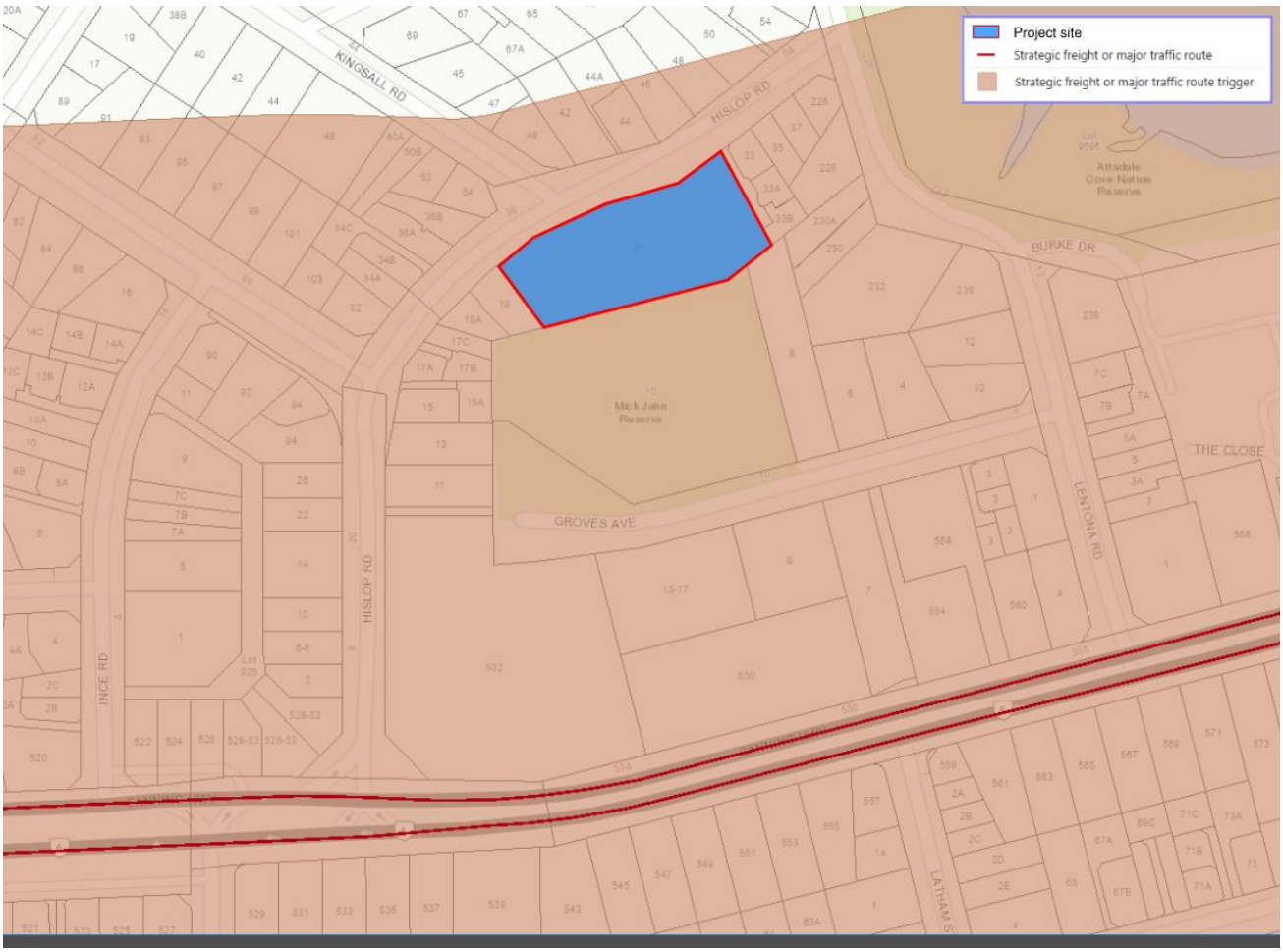

Figure 2: Project Location and SPP 5.4 trigger zone (Source: Department of Planning, Lands and Heritage)

2.3 Noise Emissions-WA Environmental Protection (Noise) Regulations 1997

Environmental noise emissions resulting from the development are addressed through the Environmental Protection Act 1986 with the prescribed standards detailed in the Environmental Protection (Noise) Regulations 1997 (WA EPNR). The regulations are based on maximum allowable noise levels termed the 'assigned noise level".

According to the EPNR, noise emissions from any premises are deemed not to significantly impact the receiver if the emissions are 5 dB or less below the assigned levels. In summary, assigned noise levels are set by evaluating the presence of commercial and industrial zones, major transport routes, and sporting venues around noise-sensitive premises.

The assigned levels apply at premises receiving the noise (noise sensitive receiver) and not to areas within the project site or lot. In addition, the Environmental Protection (Noise) Regulations 1997 identify the following in Schedule 3, clause 2A.

- "If the land within either of the circles is categorised on the land use map as land in respect of which mixed uses are permitted, the use of that land that results in the highest influencing factor is to be used in the determination of the influencing factor."

City of Melville's online mapping system (Local Planning Scheme 6 – LPS6) has been used to ascertain land use. Based on these maps, the influencing factor at the nearest noise sensitive receivers has been calculated. The nearest noise sensitive receiver has been identified as detailed below and shown in Figure 1.

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- Catchment 1:
  - 19 Hislop Rd, Attadale WA 6156
  - 54 Kingsall Rd, Attadale WA 6156
  - 36 Hislop Rd, Attadale WA 6156
- Catchment 2:
  - 3/8 Groves Avenue ATTADALE WA 6156
  - 33 Hislop Rd, Attadale WA 6156
  - 42-48 Hislop Rd, Attadale WA 6156

2.3.1 Influencing Factor

The influencing factor for results from identifying major roads, commercial and industrial areas for the nearest noise sensitive receivers is detailed in Table 5. The zoning maps used for the calculation of influencing factor showing the land use types has been presented in Figure 3.

Traffic data for roads surrounding the nearest noise sensitive receiver were obtained from Main Roads Western Australia (MRWA). Table 4 presents the traffic data of the nearby roads.

Table 4: Traffic Data (Main Roads WA)

Road	WA EPNR Classification	Annual Average Daily Traffic Volumes / Year
Canning Highway (West of North Lake Rd)	Major Road (450m circle)	38,505 (2024 -25)

Table 5: Influencing factor (IF) noise sensitive receiver

NOISE SENSITIVE RECIEVERS	COMMERCIAL	INDUSTRIAL	ROAD	INFLUENCING FACTOR
Catchment 1	6% within 100m radius 7 % within 450m radius	0 % within 100m radius 0 % within 450m radius	Canning Highway with 450m radius	3 dB
Catchment 2	0 % within 100m radius 8 % within 450m radius	0 % within 100m radius 0 % within 450m radius	Canning Highway with 450m radius	2 dB

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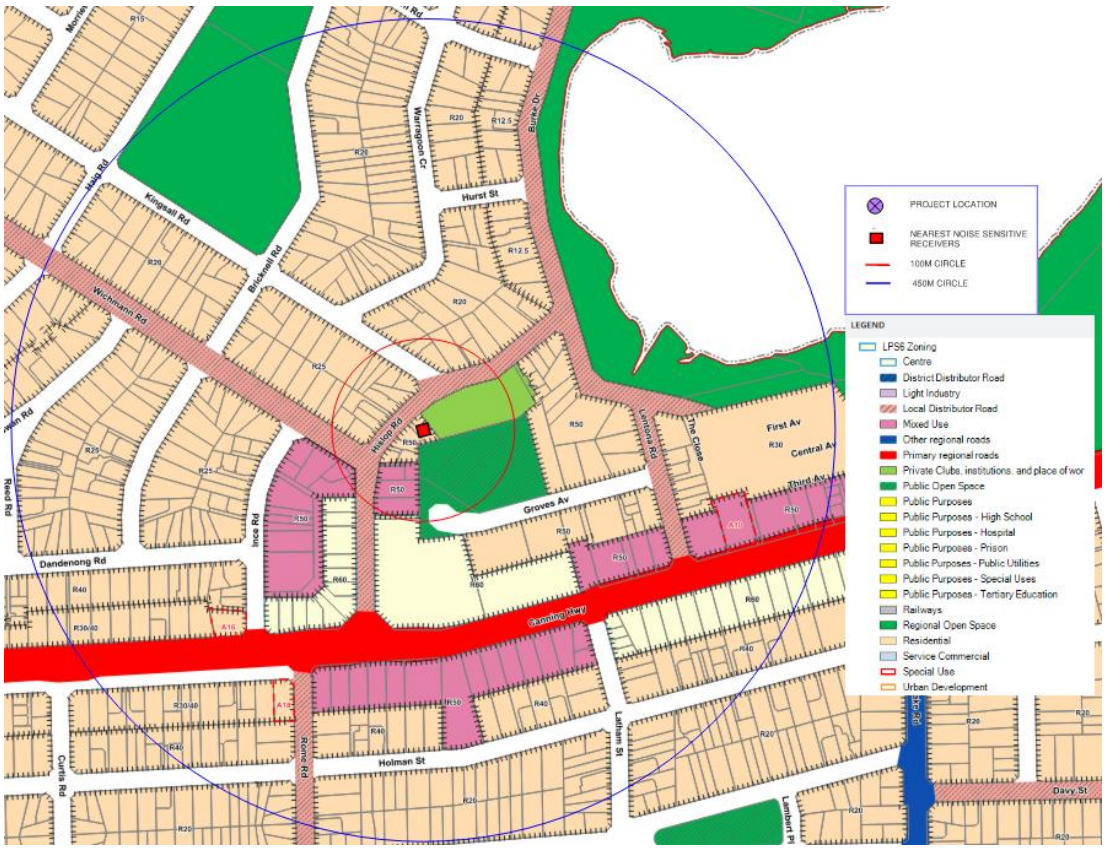

Figure 3: Zoning maps for the project and surrounding areas – Catchment 1 (Source: *City of Melville Intramaps)*

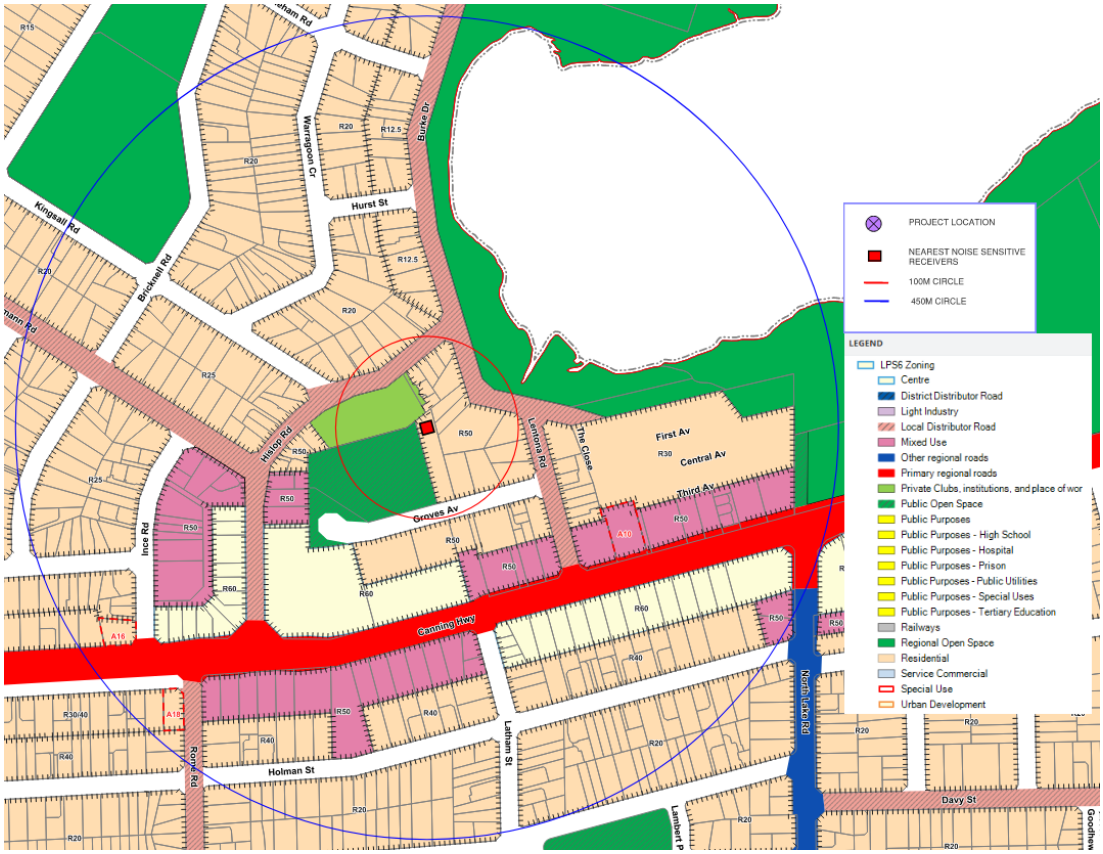

Figure 4: Zoning maps for the project and surrounding areas – Catchment 2 (Source: *City of Melville Intramaps)*

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2.3.2 Assigned Noise Levels-Noise Sensitive Receivers

Table 6 to Table 8 summarises the assigned levels at the nearest noise sensitive receivers. All noise emissions from the development are below the assigned level criteria for all defined periods of the day and at the lot boundary of the receiver or 15m from any associated building.

Table 6: Assigned Levels – Catchment 1

Type Of Premises Receiving Noise	Time Of Day	Assigned Level (dB)		
		L_{A10}	L_{A1}	L_{Amax}
Noise sensitive premises: Highly sensitive area	0700 to 1900 hours Monday to Saturday	48	58	68
	0900 to 1900 hours Sunday & public holidays	43	53	68
	1900 to 2200 hours all days	43	53	58
	2200 hours on any day to 0700 hours Monday to Saturday, and 0900 hours Sunday & public holidays	38	48	58

Table 7: Assigned Levels – Catchment 2

Type Of Premises Receiving Noise	Time Of Day	Assigned Level (dB)		
		L_{A10}	L_{A1}	L_{Amax}
Noise sensitive premises: Highly sensitive area	0700 to 1900 hours Monday to Saturday	48	58	68
	0900 to 1900 hours Sunday & public holidays	43	53	68
	1900 to 2200 hours all days	43	53	58
	2200 hours on any day to 0700 hours Monday to Saturday, and 0900 hours Sunday & public holidays	38	48	58

Table 8: Assigned Levels – areas other than highly sensitive areas

Type Of Premises Receiving Noise	Time Of Day	Assigned Level (dB)		
		L_{A10}	L_{A1}	L_{Amax}
Noise sensitive premises: Any area other than highly sensitive area	All Hours	60	75	80
Commercial premises	All Hours	60	75	80

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Type Of Premises Receiving Noise	Time Of Day	Assigned Level (dB)		
		L_{A10}	L_{A1}	L_{Amax}
Industrial and utility premises	All Hours	65	80	90

2.3.3 Noise Character Adjustments

Regulation 7 states that the noise character must be “free” of annoying characteristics, namely —

- Tonality, e.g. whining, droning;
- Modulation, e.g. like a siren; and
- Impulsiveness, e.g. banging, thumping.

Regulation 9 (1) establishes the methodology for determining noise characteristics. If these characteristics cannot be reasonably and practicably removed, a series of adjustments to the measured levels are required, indicated in Table 9.

Table 9: Noise Character adjustment

Adjustment where noise emission is not music these adjustments are cumulative to a maximum of 15 dB			Adjustment where noise emission is music	
Where tonality is present	Where modulation is present	Where impulsiveness is present	Where impulsiveness is not present	Where impulsiveness is present
+ 5 dB	+ 5 dB	+ 10 dB	+ 10 dB	+ 15 dB

2.3.4 Mechanical Services Noise Emissions

Mechanical equipment serving the project is required to meet the assigned levels of the EPNR at the nearest sensitive receivers. It is important that noise emissions from the site do not present any form of tonality, modulation or impulsiveness (as defined by the EPNR).

2.3.5 Emergency Plant- Noise Emissions – Generators / Fire Pumps

If a non-compliant noise emission from a premises is occurring or about to occur for the purposes of meeting a temporary emergency (a period of less than 14 days), the CEO of the Department of Environment and Conservation (DEC) is able to grant an exemption (orally or in writing) of the EPNR for up to 14 days under Section 75 of the Environmental Protection Act 1986 (EPA).

Where a non-compliant noise emission from a premises is occurring or about to occur to meet the requirements of a temporary emergency the incident should reported via the Pollution Incident line on 1300 784 782.

The definition of emergency is not defined in the EPA or in the Interpretation Act 1984, however it is taken to mean periods where mains power is disrupted to the site in situations such as cyclonic conditions.

The generators / fire pumps when tested periodically is required to comply with the assigned levels at the nearest noise sensitive receivers. It is recommended the periodic testing is done during daytime 0700 to 1900 hours Monday to Saturday.

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3. Noise Survey

3.1 Baseline Noise Surveys

Un-attended long-term noise logging was carried out on site to ascertain the noise levels at project site and to determine the ambient noise levels to assist with design of the external façade of the building. Noise logging was carried out between 19th – 25th August 2026. The Location of the logger is shown in Figure 1.

3.1.1 Instrumentation

The following instrumentation has been used to conduct the noise survey shown in the subsequent sections:

- NTi XL3 Class 1 Sound Level Meter, S/N: A3A-00650-D1
- NSRT mk3 Sentry Noise Logger
- Larson Davis Sound Calibrator, S/N: 22031

Logger was calibrated before and after the measurements and no significant drift was found. All equipment carry current traceable calibration certificates that can be provided upon request.

Sound level meter was calibrated before and after the measurements and no significant drift was found. Test measurements were performed using instrumentation equivalent to an integrating sound level meter which met the accuracy requirements of a Class 1 instrument as defined by IEC 60651 and IEC 60804. The sound level meter complied with the requirements documented in AS IEC 61672.1.

The sound level meter is calibrated by an authorised NATA (National Association of Testing Authorities) laboratory less than 2 years prior to assessment and has successfully passed all AS 1259 and AS/NZS 4476 standards and specifications.

The sound level meter was calibrated before and after the measurement session, using a Class 1 acoustic calibrator, also calibrated less than 2 years ago, and in compliance with AS IEC 60942-2004. The filters complied with the requirements defined in IEC 61260.

3.1.2 Measurement Summary

Noise data recorded by the unattended logger is graphically presented in Figure 5, illustrating the variation in noise levels over the monitoring period.

The average daily L_{Aeq} noise levels are summarised below

- Day time (6 am – 10 pm) 55 dB(A)
- Nighttime (10 pm – 6am) 44 dB(A)

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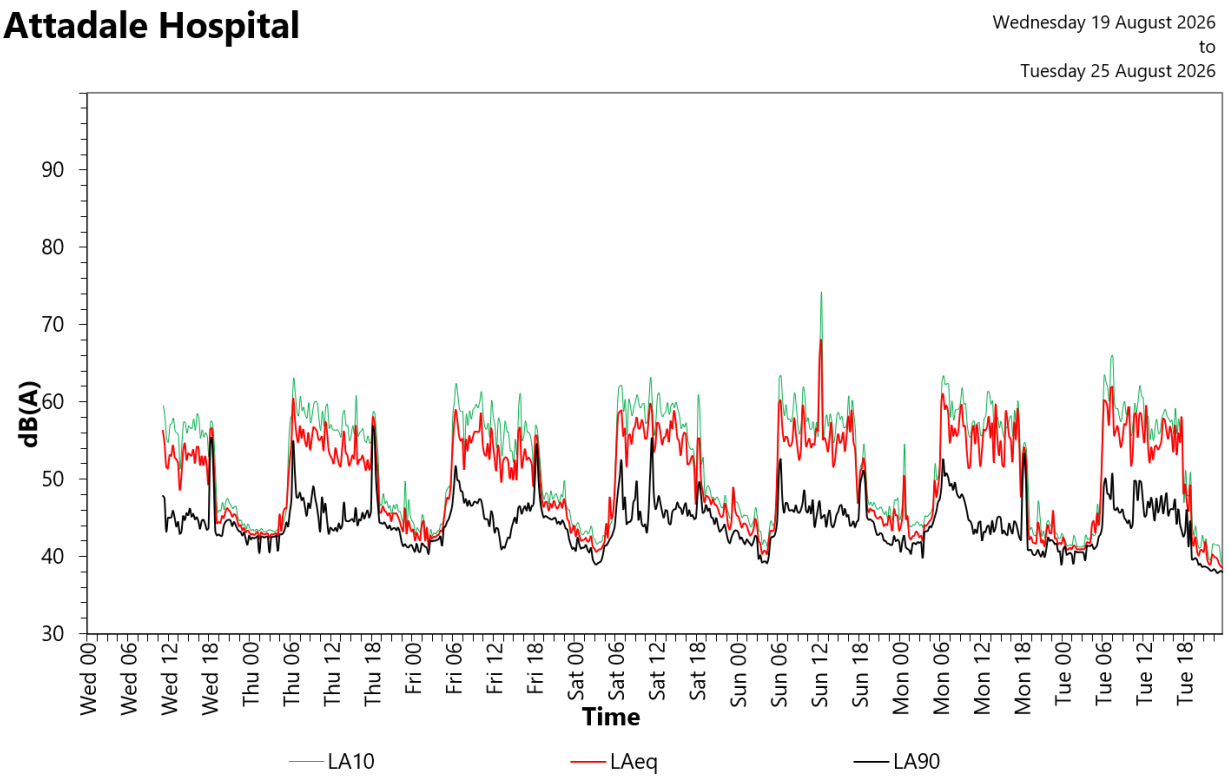

Figure 5: Unattended noise logging

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4. Noise Intrusion Assessment

Noise intrusion calculations were conducted using the approach outlined in British Standard BS EN 12354:2000. The calculations were based on the highest on-site measured noise levels and the predicted levels due to the use of helipad on the project site to select appropriate glazing for achieving the desired internal noise levels. Adjustments were made to the linear spectral noise levels to account for potential losses from flanking paths and façade corrections.

4.1 SPP 5.4 - Modelling Inputs

An evaluation of road and rail traffic noise impacts on the site was conducted in line with SPP 5.4. The methodology and assessment criteria are outlined in the SPP 5.4 Guidelines (hereafter referred to as the Guidelines). Sound PLAN v9.0, a 3D noise modelling software, was used to simulate noise emissions from major roads and to assess the resulting noise levels at the building façades of the development.

The noise assessment accounts for both current and future traffic volumes that will impact the proposed development. The findings from this assessment were used to evaluate the level of noise intrusion into the apartments.

Noise levels were modelled 1 meter from the building façade. The predicted receiver noise levels at the façade also include a +2.5 dB façade correction, in accordance with SPP 5.4 requirements. Compliance with the relevant sections of the SPP 5.4 Noise Modelling Checklist is documented in Appendix A.

4.1.1 Topography & Ground Absorption

Topographical data for areas surrounding the site (1m elevation contours) were sourced from Geoscience Australia Digital Elevation Model (DEM) 5 Metre Grid of Australia derived from LiDAR.

A ground condition of 0.6 has been used in the model, which is in between a soft ground condition (1) and a reflective ground condition (0).

A reflection order of 3 has been considered in all assessments.

4.1.2 Road Traffic

The road traffic noise assessment has been conducted based on the methodology described by the Calculation of Road Traffic Noise algorithm (CoRTN, UK Transport Agency).

The CoRTN algorithm has been developed to calculate $L_{A10,18hr}$ noise levels. However, SPP 5.4 requires road noise assessments to be based upon the energy averaged $L_{Aeq,16hr}$ and $L_{Aeq,8hr}$ noise descriptors for the daytime and night-time respectively. Conversions are applied using the method outlined in the DEFRA publication, *"Method for Converting the UK Road Traffic Noise Index $L_{A10,18hour}$ to the EU Noise Indices for Road Noise Mapping."*

This algorithm considers the following parameters:

- Noise levels measured on site for calibration of the model
- Traffic volume during each period of the day, and for current and future scenarios
- Traffic speeds
- Percentage of heavy vehicles; and
- Gradient and surface of road

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The noise model included the heights of road traffic noise sources as specified by the Guidelines. Below are the modelled heights of the vehicle "strings":

- Passenger vehicles: + 0.5 m
- Heavy vehicles — Engine noise: + 1.5 m
- Heavy vehicles — Exhaust: + 3.6 m

The modelled and observed average daily traffic volumes for 2026 and 2046 were sourced from Main Roads Western Australia (MRWA), Reference No.43823. This data pertains to traffic on Canning Highway.

SPP 5.4 requires that all noise assessments account for changes in traffic volumes anticipated over the next 20 years. The traffic volume projections provided by MRWA were utilized for this purpose. Table 10 summarises the current and projected future traffic volumes used in the assessment.

Table 10: Traffic Volumes - Current and Future

Road	Year	Daily Vehicle Count	Daytime Vehicle Volume / hr	Nighttime Vehicle Volume / hr	Percentage of Heavy Vehicle	Speed (km / hr)
Canning Highway	2026	35,648	2,113	171	Day – 7% Night – 9%	60
	2046	52,416	3,107	252	Day – 7% Night – 9%	60

4.1.3 Model Calibration

The noise model for the current year was calibrated using data obtained from the noise logging. A correction factor of +4 dB was applied to the Road to eliminate the discrepancy between the actual noise logger data and model predictions.

4.2 Noise Modelling Results

Road traffic noise impact for the future year (2046) predicted the highest external noise levels for the day and night-time periods:

- Day-time scenario 58 dB(A)
- Night-time scenario 48 dB(A)

Predicted noise levels on the facades (façade noise maps) are provided in Appendix B.

4.3 External Façade – Preliminary Recommendations

4.3.1 Solid Façade

The existing façade of the Attadale Hospital is brick masonry construction; this is generally adequate to meet the performance requirements. Any solid façade elements that are being replaced shall be replaced to meet minimum R_W45 rating.

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4.3.2 Glazing

Façade ingress recommendations provide a base glazing performance to mitigate the noise ingress from predicted noise impacting the façade. Glazing will require to achieve the minimum performance detailed below:

- Minimum 6mm glass – R_w32 /R_w+C_{tr} 29

Where existing glass is to be retained it shall ensure the windows have adequate seals and glass of minimum 6mm thickness.

5. Noise Emissions

Noise emissions from mechanical services will be expected to comply with the respective WA EPNR criteria at the nearest noise sensitive receivers for all periods of the day. At this stage no information is available regarding mechanical service equipment selection.

Typically, this data is not available at the development application phase and review of mechanical equipment is conducted during the design phase.

Mitigation measures for the mechanical plant shall be considered during the design development stage to ensure compliance with the outlined criteria at the nearest sensitive receivers. These mitigation measures could include but not limited to the following:

- Positioning mechanical plant away from nearby receivers
- Screening around mechanical plant
- Acoustic insulation within duct work

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6. Conclusion

were commissioned by to undertake an acoustic assessment for the proposed redevelopment of Attadale Hospital, located at 21 Hislop Road, Attadale WA.

This Acoustic report has been prepared as part of Development Application for the proposed development or submission to City of Melville. The acoustic design criteria presented in this design report are based on the relevant regulations and applicable standards. The key acoustic considerations that form the basis for the project's acoustic design:

- Noise emissions from the development impacting noise sensitive receivers in accordance with WA Environmental Protection (Noise) Regulations 1997
- Road & Rail Traffic Noise impact assessment in accordance with State Planning Policy 5.4.

The following standards, guidelines have been used to establish the project specific acoustic design requirements for the project.

- Australian Standard AS2107:2016 – Acoustics – Recommended Design sound levels and reverberation times for building interiors.
- WA Environmental Protection (Noise) Regulations 1997
- State Planning Policy 5.4 - Road and rail noise

Road traffic noise assessment has been conducted, and the minimum recommended external façade construction has been specified to comply with internal noise level criteria. Noise intrusion calculations were conducted to establish the performance requirement of the façade.

With regards to noise emissions, once the full mechanical equipment schedule is provided, a detailed noise assessment shall be conducted before the issuance of the Building Permit. Specific acoustic treatments shall be implemented to ensure compliance with the relevant assigned noise levels at the nearest noise-sensitive receivers.

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Appendix A Noise Modelling Checklist

Checklist Item		Action
Road Traffic Input Data - Current		
Road Name	**Canning Highway 2026**	
	16-hr daytime road traffic volume	32,978
	Percentage of heavy vehicles (daytime)	7
	8-hr night-time road traffic volume	2,671
	Percentage of heavy vehicles (night-time)	9
Road Pavement	Dense Graded Asphalt	
Road traffic heights	**Have the road emissions sources been modelled at the following heights?**	
	Light and heavy vehicle tyre-road height at +0.5 m	Y
	Heavy vehicle engine height at +1.5 m	Y
	Heavy vehicle exhaust height at +3.6 m	Y
Traffic Speed	What is the modelled road posted (signal) traffic speed?	60 km / hr

Checklist Item		Action
Road Traffic Input Data - Future		
Road Name	**Canning Highway 2046**	
	16-hr daytime road traffic volume	48,489
	Percentage of heavy vehicles (daytime)	7
	8-hr night-time road traffic volume	3,927
	Percentage of heavy vehicles (night-time	9
Road Pavement	Dense Graded Asphalt	
Road traffic heights	**Have the road emissions sources been modelled at the following heights?**	
	Light and heavy vehicle tyre-road height at +0.5 m	Y
	Heavy vehicle engine height at +1.5 m	Y
	Heavy vehicle exhaust height at +3.6 m	Y
Traffic Speed	What is the modelled road posted (signal) traffic speed?	60 km / hr

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Appendix B Façade Noise Maps

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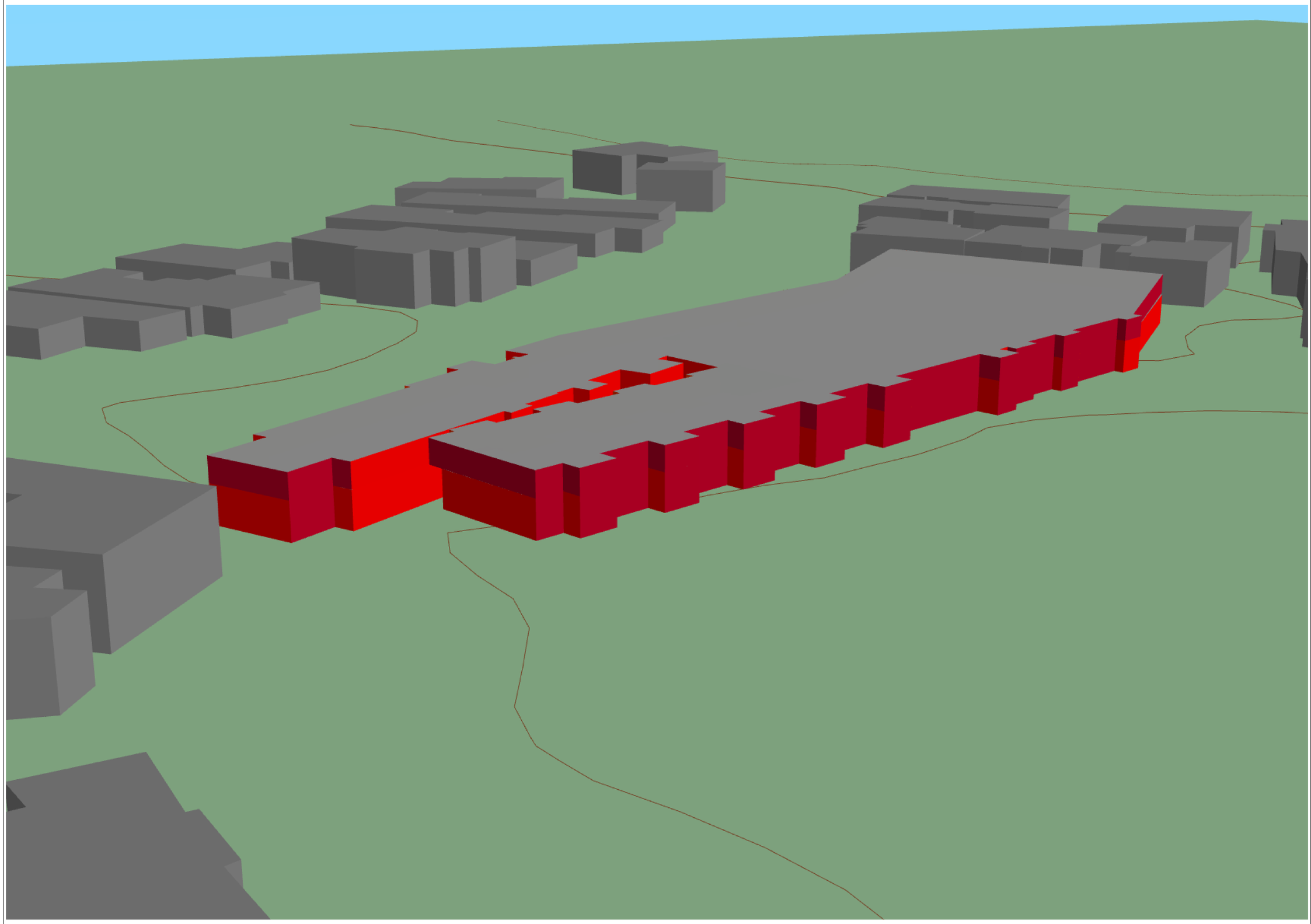

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E-L\B

ISSUE	DATE	STATUS
1	10-09-2026	ISSUE FOR INFORMATION

LEGEND

Facade Noise Level - $L_{eq,9hTotal}$ dB(A)

- <= 30
- 30 - 33
- 34 - 36
- 37- 39
- 43 - 42
- 47 - 45
- 51 - 48
- 55 - 51
- 55 - 54
- 55 - 57
- 55 - 60
- > 60

NOTES

PROJECT
Attadale Hospital Redevelopment

PROJECT NO.
P04322

ARCHITECT

CLIENT
Adras Pty Ltd

SCALE
NTS

STATUS
ISSUE FOR INFORMATION

DRAWING
2046 FACADE NOISE LEVELS - DAYTIME

VIEW 1

DISCIPLINE
ACOUSTICS

DRAWING NUMBER
AC-DWG-100-01-01

REVISION
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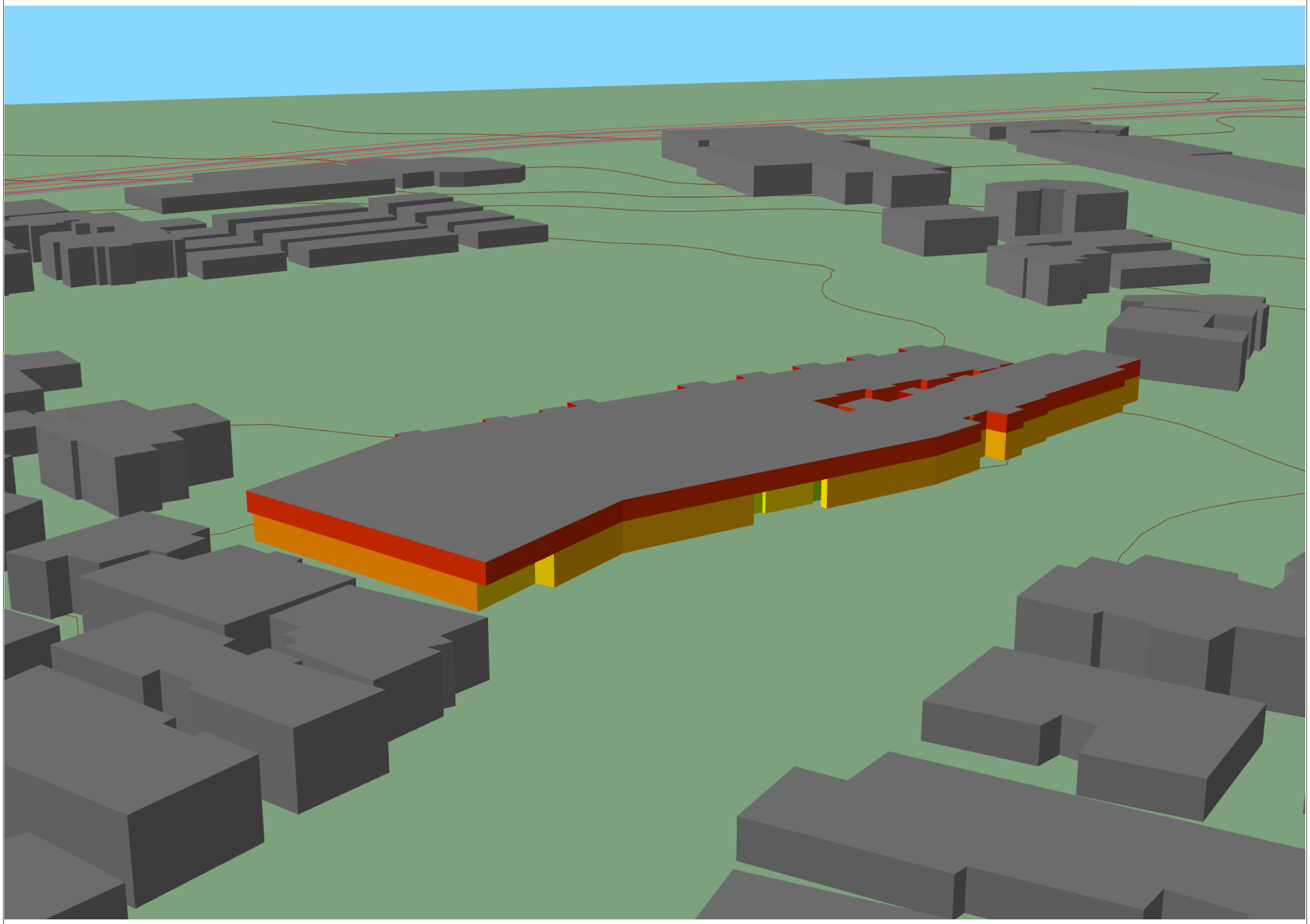

E-L\B

ISSUE	DATE	STATUS
1	10-09-2026	ISSUE FOR INFORMATION

LEGEND

Facade Noise Level - $L_{eq,9:15hr}$ dB(A)

- <= 30
- 30 - 33
- 34 - 36
- 37- 39
- 43 - 42
- 47 - 45
- 51 - 48
- 55 - 51
- 55 - 54
- 55 - 57
- 55 - 60
- > 60

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2046 FACADE NOISE LEVELS - DAYTIME

VIEW 2

DISCIPLINE
ACOUSTICS

DRAWING NUMBER
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REVISION
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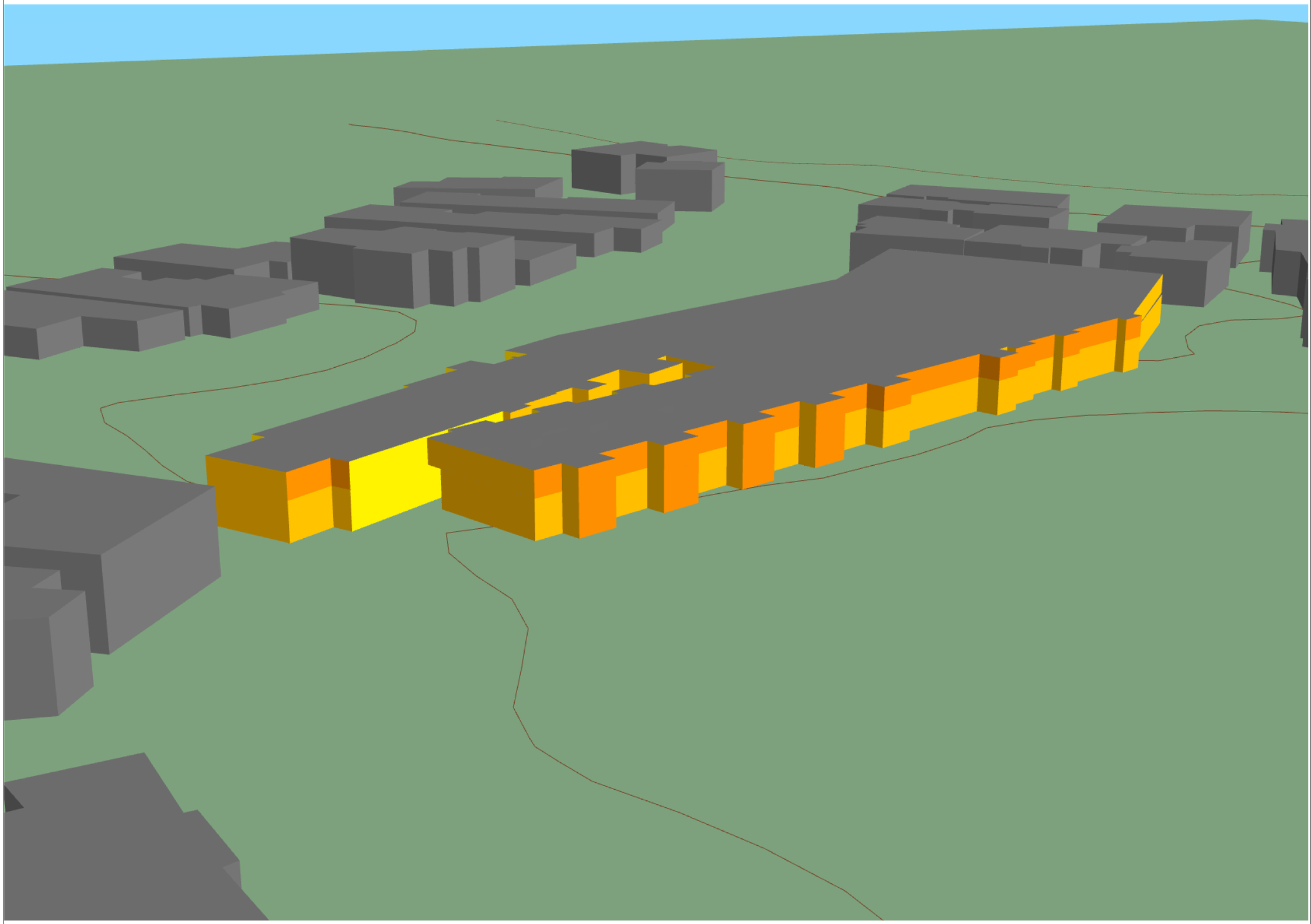

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ISSUE	DATE	STATUS
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LEGEND

Facade Noise Level - $L_{eq,9 hrs}$ dB(A)

- <= 30
- 30 - 33
- 34 - 36
- 37- 39
- 43 - 42
- 47 - 45
- 51 - 48
- 55 - 51
- 55 - 54
- 55 - 57
- 55 - 60
- > 60

NOTES

PROJECT
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PROJECT NO.
P04322

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DRAWING
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VIEW 1

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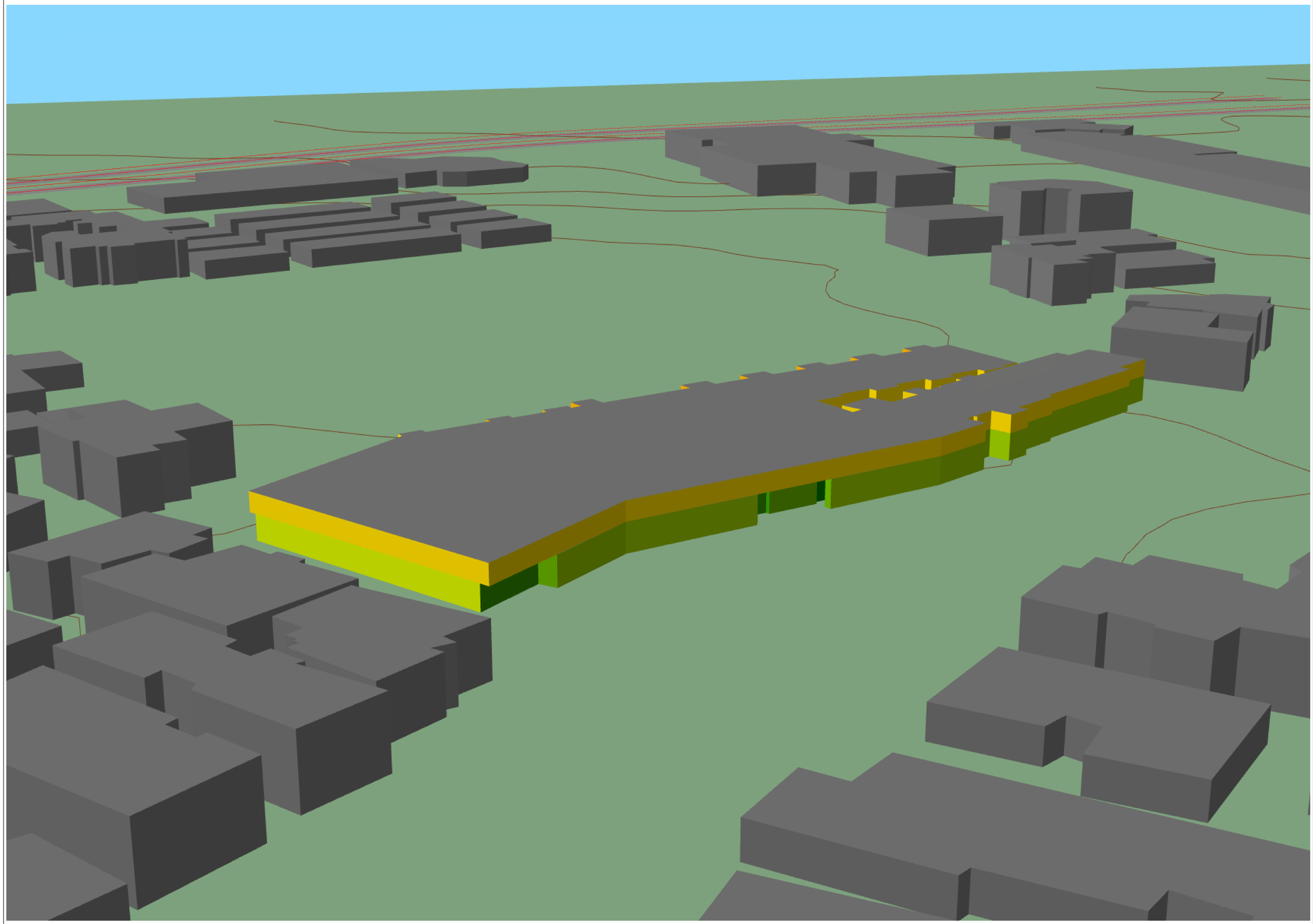

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ISSUE	DATE	STATUS
1	10-09-2026	ISSUE FOR INFORMATION

LEGEND

Facade Noise Level - $L_{eq,9 hrs}$ dB(A)

- <= 30
- 30 - 33
- 34 - 36
- 37- 39
- 43 - 42
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- 51 - 48
- 55 - 51
- 55 - 54
- 55 - 57
- 55 - 60
- > 60

NOTES

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DRAWING
2046 FACADE NOISE LEVELS - NIGHTTIME

VIEW 2

DISCIPLINE
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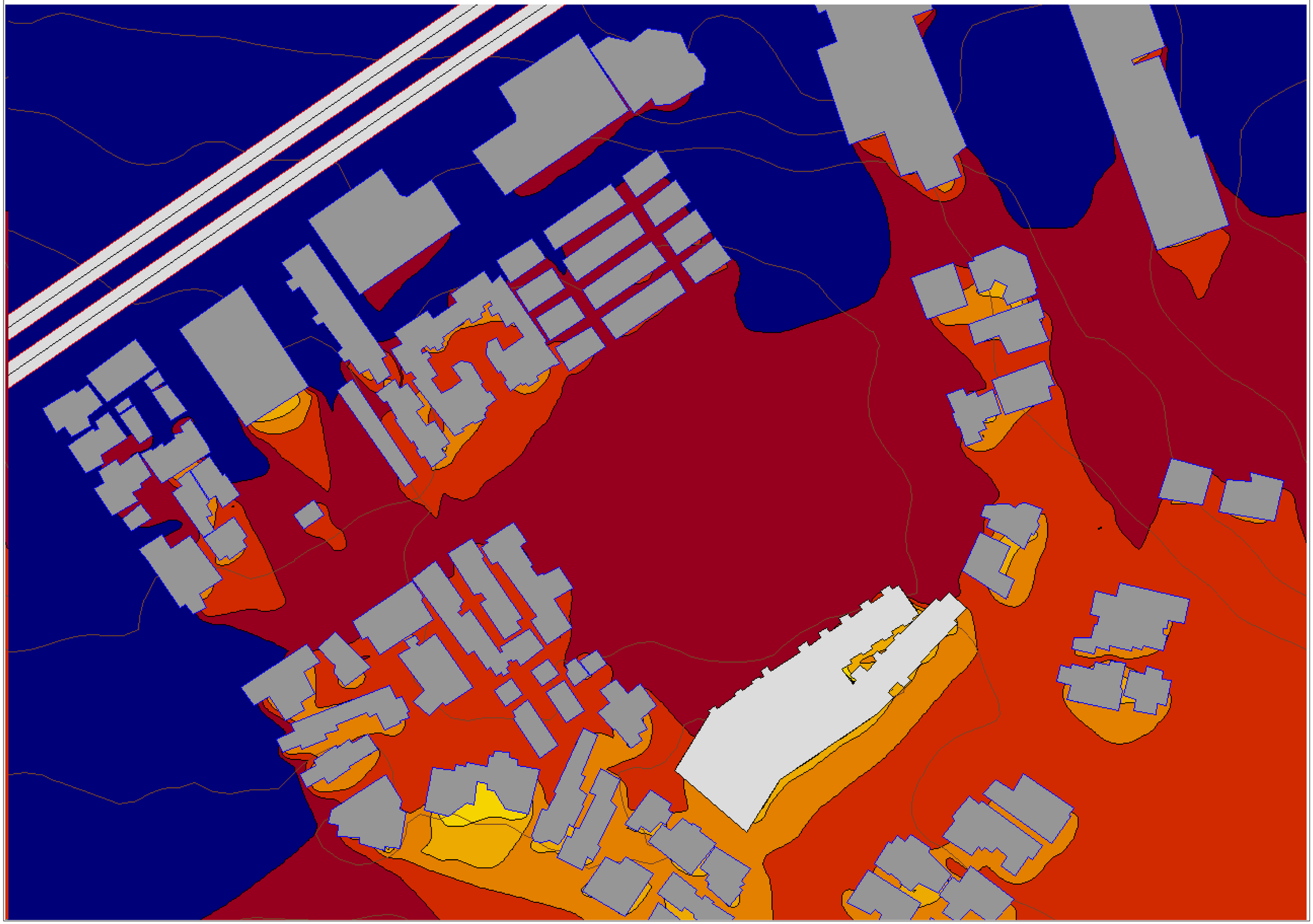

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ISSUE	DATE	STATUS
1	10-09-2026	ISSUE FOR INFORMATION

LEGEND

Facade Noise Level - $L_{eq,9Hour}$ dB(A)

- <= 30
- 30 - 33
- 34 - 36
- 37- 39
- 43 - 42
- 47 - 45
- 51 - 48
- 55 - 51
- 55 - 54
- 55 - 57
- 55 - 60
- > 60

NOTES

Signs and symbols

- Road
- Road axis
- Emission line
- Main building
- Auxiliary building

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DRAWING
2046 GRID NOISE MAP - DAYTIME

1.5M HEIGHT

DISCIPLINE
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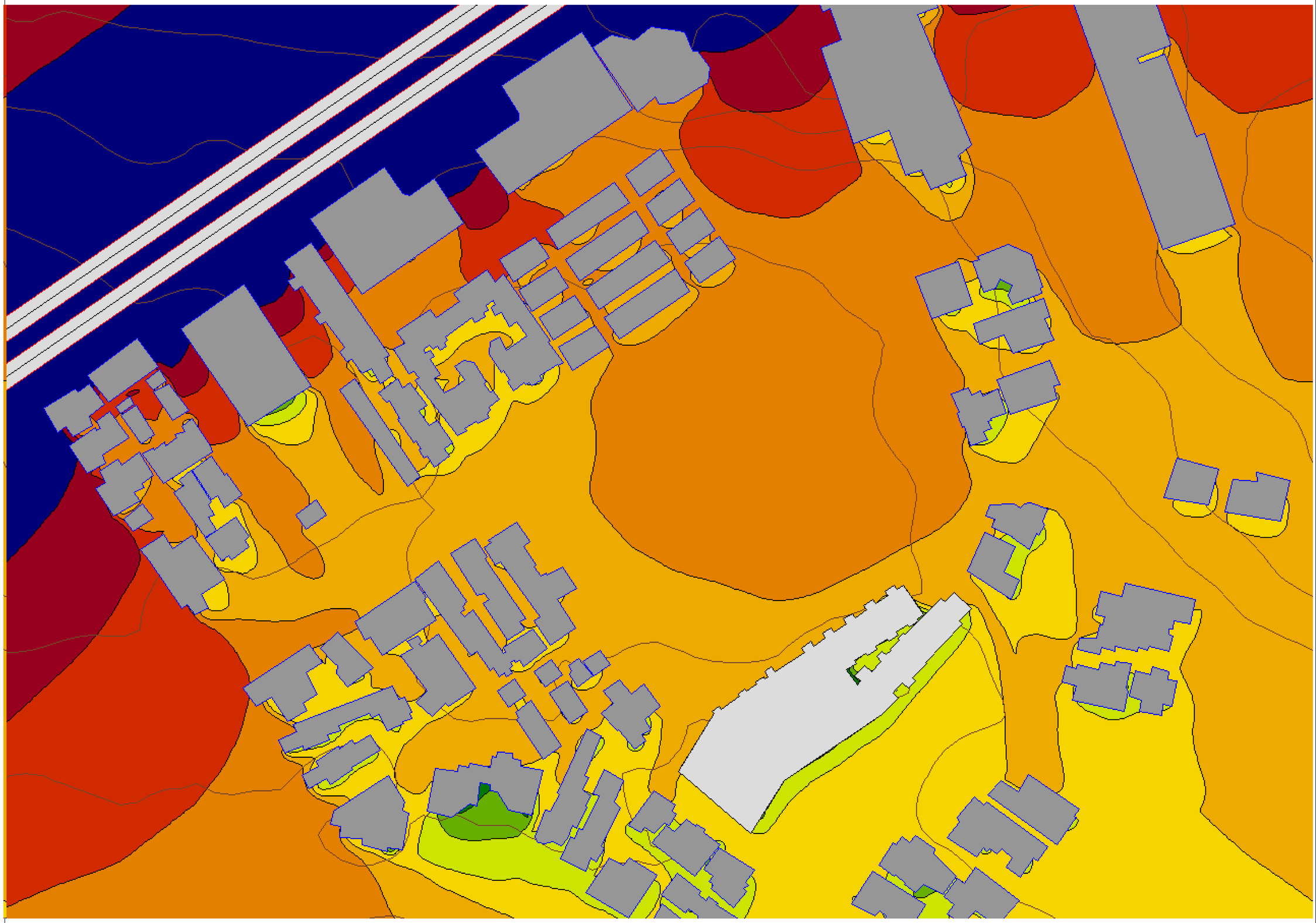

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ISSUE	DATE	STATUS
1	10-09-2026	ISSUE FOR INFORMATION

LEGEND

Facade Noise Level - $L_{eq,9 hr}$ dB(A)

- <= 30
- 30 - 34
- 35 - 38
- 39- 42
- 43 - 46
- 47 - 50
- 51 - 54
- 55 - 58
- > 58

NOTES

Signs and symbols

- Road
- Road axis
- Emission line
- Main building
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1.5M HEIGHT

DISCIPLINE
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