

**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

Contours dB L<sub>Aeq</sub>(24h)

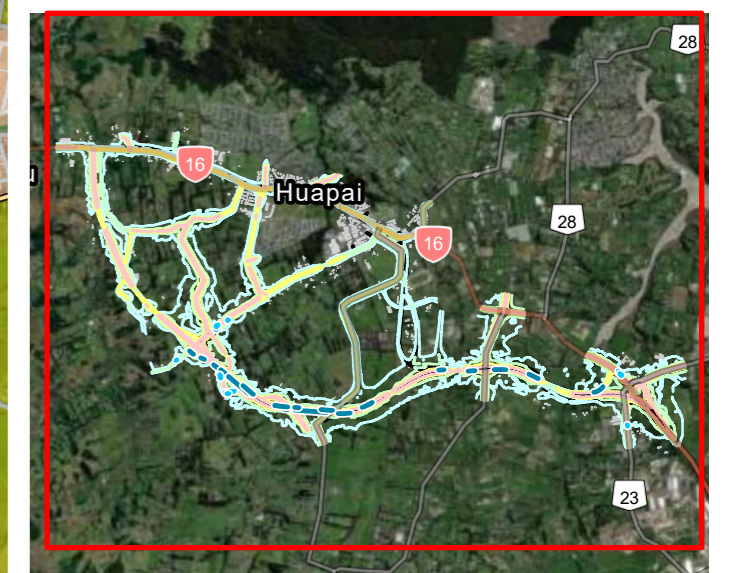
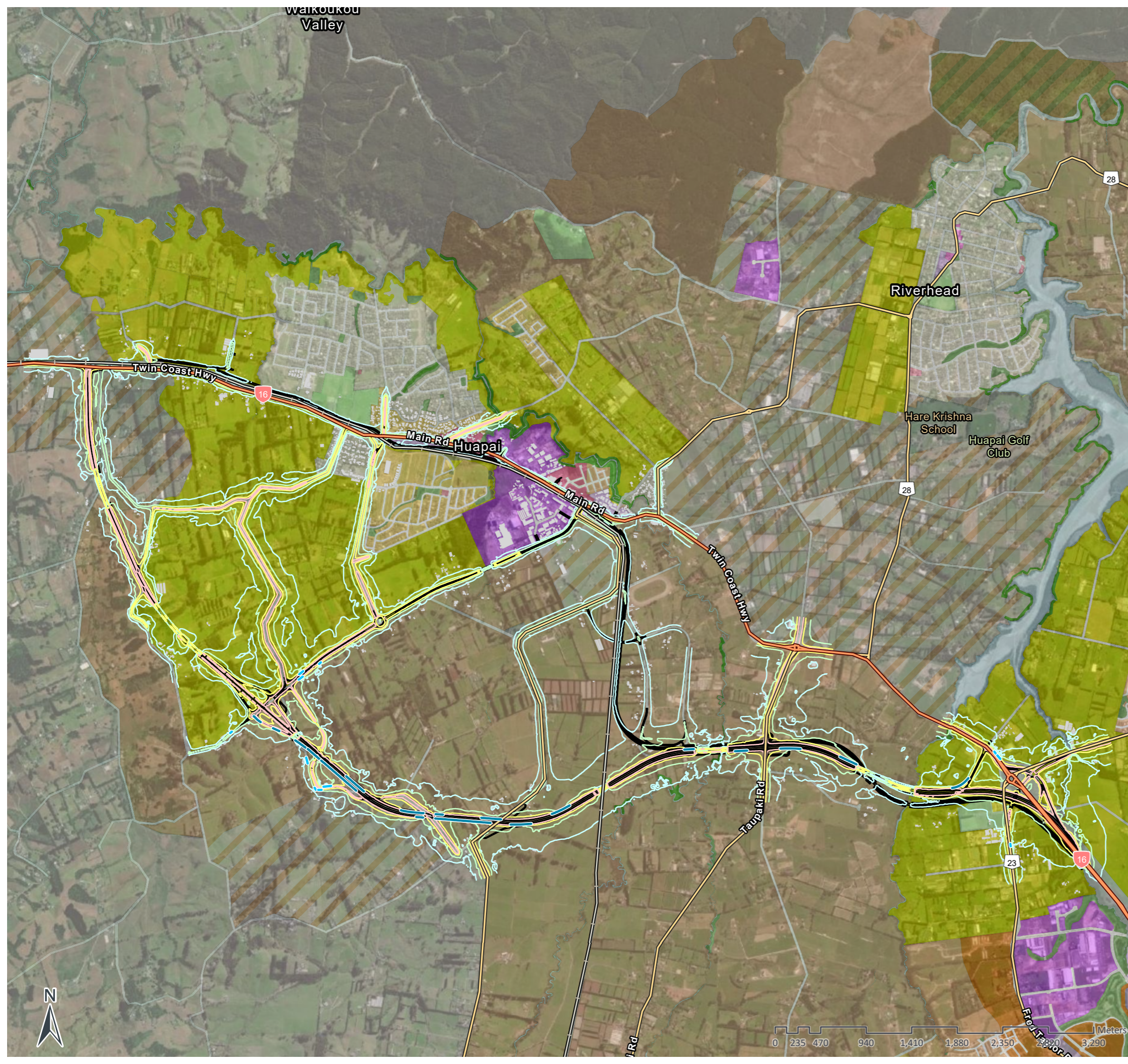
- 55
- 60
- 65
- 70

Noise wall

- At residence
- At ASH
- Project Road
- Building footprints

AUP Zones

- Business - General Business Zone
- Business - Light Industry Zone
- Business - Local Centre Zone
- Business - Metropolitan Centre Zone
- Business - Mixed Use Zone
- Business - Neighbourhood Centre Zone
- Business - Town Centre Zone
- Coastal - Coastal Transition Zone
- Coastal - General Coastal Marine Zone
- Future Urban Zone
- Green Infrastructure Corridor
- Open Space - Conservation Zone
- Open Space - Informal Recreation Zone
- Open Space - Sport and Active Recreation Zone
- Residential - Mixed Housing Suburban Zone
- Residential - Mixed Housing Urban Zone
- Residential - Single House Zone
- Residential - Terrace Housing and Apartment Building Zone
- Road
- Rural - Countryside Living Zone
- Rural - Mixed Rural Zone
- Rural - Rural Conservation Zone
- Rural - Rural Production Zone
- Special Purpose - Cemetery Zone
- Special Purpose - School Zone
- Strategic Transport Corridor Zone
- Water



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:37,000  
Projection: WGS 1984 Web Mercator Auxiliary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.



**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

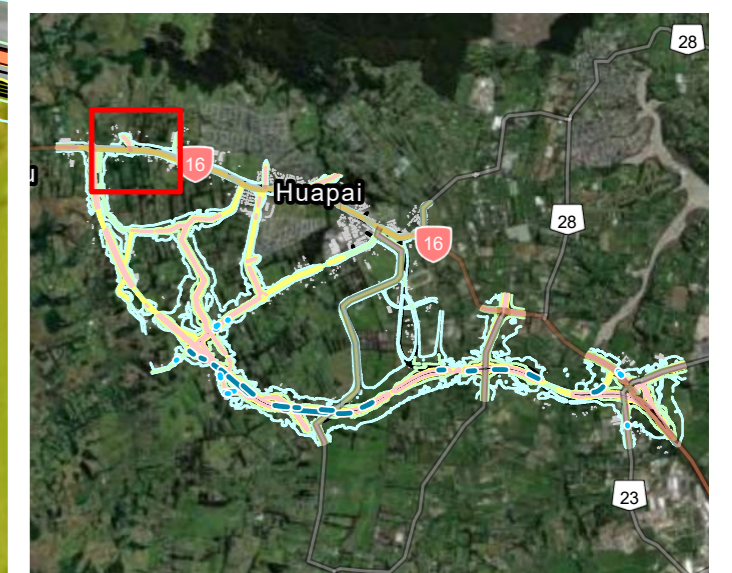
Contours dB  $L_{Aeq}(24h)$

- 55
- 60
- 65
- 70

- Project Road
- Building footprints

**AUP Zones**

- Future Urban Zone
- Road
- Rural - Mixed Rural Zone
- Rural - Rural Production Zone
- Strategic Transport Corridor Zone
- Water



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxiliary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.





**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

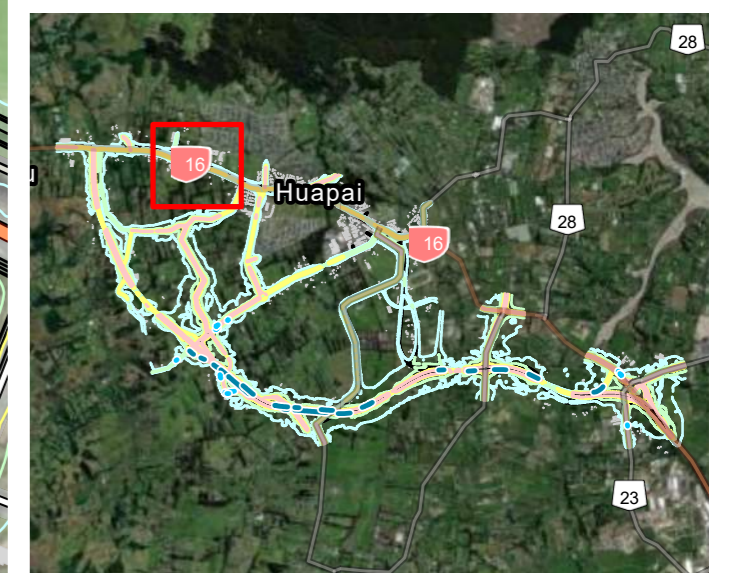
Contours dB  $L_{Aeq}(24h)$

- 55
- 60
- 65

Building footprints

**AUP Zones**

- Future Urban Zone
- Open Space - Informal Recreation Zone
- Open Space - Sport and Active Recreation Zone
- Residential - Single House Zone
- Road
- Rural - Mixed Rural Zone
- Strategic Transport Corridor Zone
- Water



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxiliary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.



**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

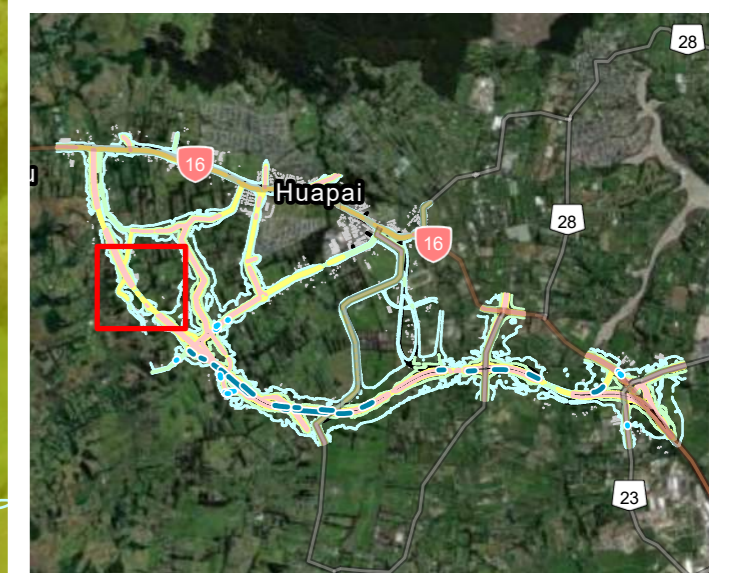
Contours dB L<sub>Aeq</sub>(24h)

- 55
- 60
- 65
- 70

- Project Road
- Building footprints

**AUP Zones**

- Future Urban Zone
- Road
- Rural - Countryside Living Zone
- Rural - Rural Production Zone



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxillary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.





**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

Contours dB  $L_{Aeq}(24h)$

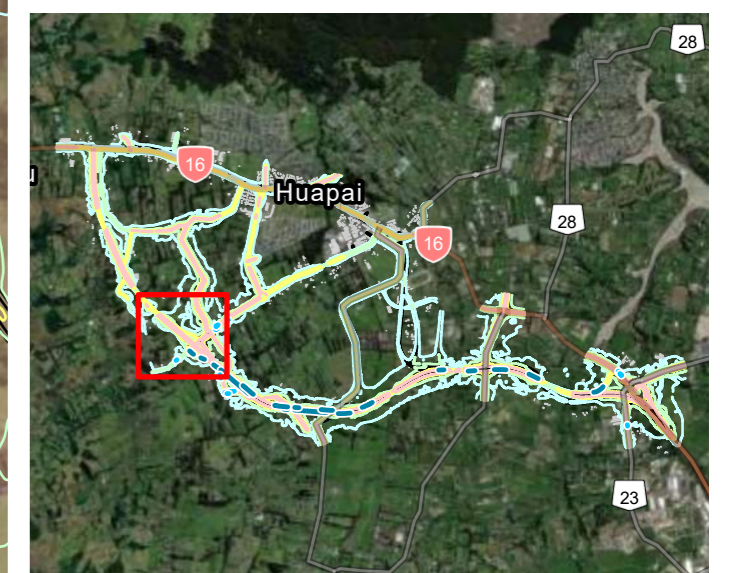
- 55
- 60
- 65
- 70

**Noise wall**

- At residence
- At ASH
- Project Road
- Building footprints

**AUP Zones**

- Future Urban Zone
- Road
- Rural - Countryside Living Zone



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxiliary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.





**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

Contours dB L<sub>Aeq</sub>(24h)

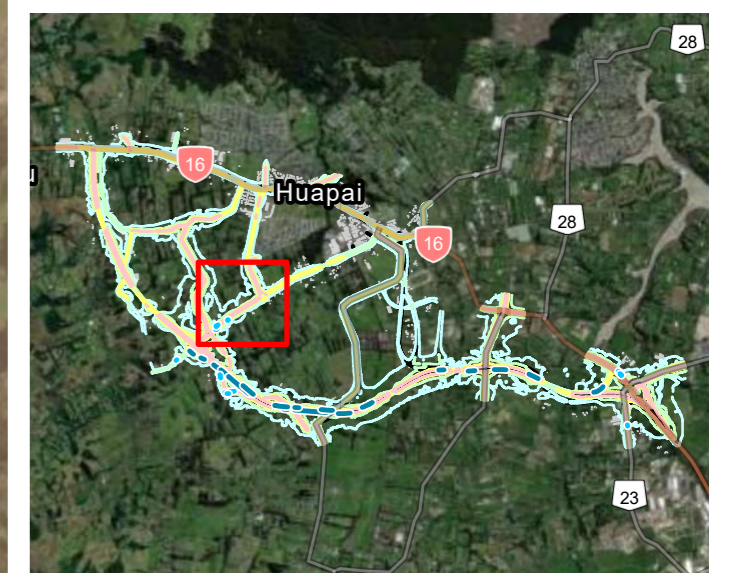
- 55
- 60
- 65
- 70

Noise wall

- At residence
- Project Road
- Building footprints

AUP Zones

- Future Urban Zone
- Road
- Rural - Countryside Living Zone



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxillary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.





**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

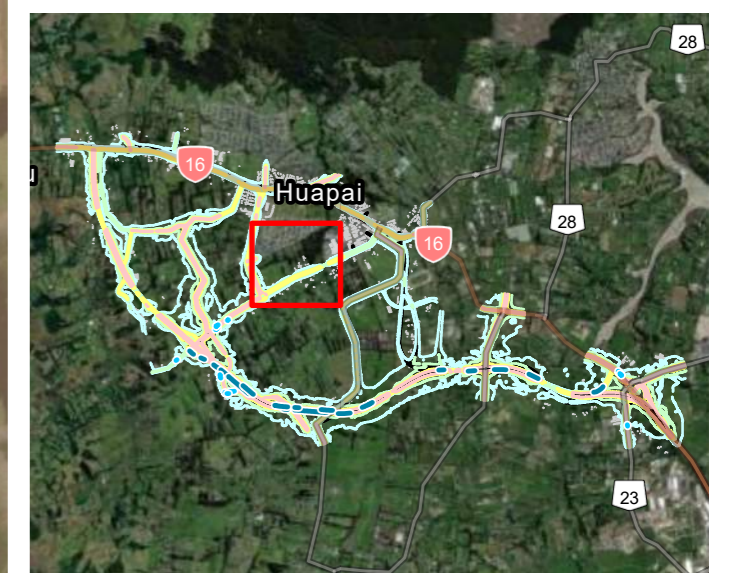
Contours dB  $L_{Aeq}(24h)$

- 55
- 60
- 65
- 70

Building footprints

**AUP Zones**

- Business - Light Industry Zone
- Business - Neighbourhood Centre Zone
- Future Urban Zone
- Green Infrastructure Corridor
- Open Space - Informal Recreation Zone
- Residential - Mixed Housing Suburban Zone
- Road
- Rural - Countryside Living Zone
- Special Purpose - Cemetery Zone
- Water



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxiliary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.





**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

Contours dB L<sub>Aeq</sub>(24h)

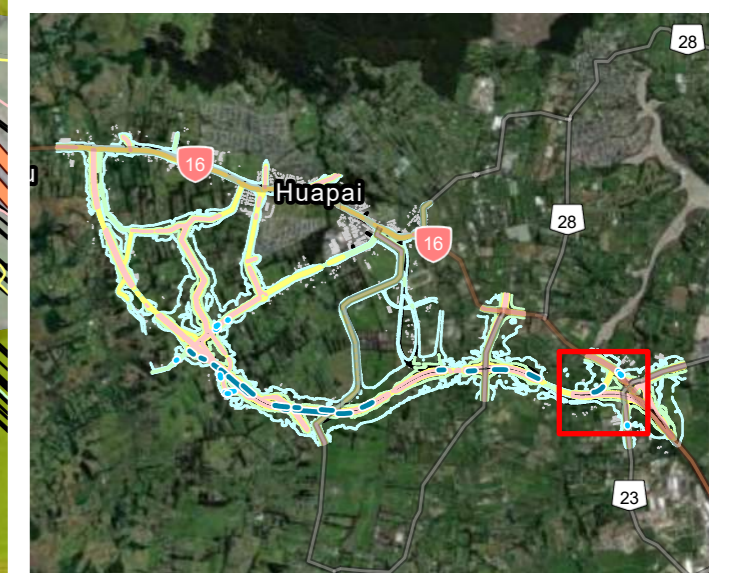
- 55
- 60
- 65
- 70

Noise wall

- At residence
- At ASH
- Project Road
- Building footprints

AUP Zones

- Coastal - Coastal Transition Zone
- Coastal - General Coastal Marine Zone
- Future Urban Zone
- Open Space - Conservation Zone
- Open Space - Sport and Active Recreation Zone
- Road
- Rural - Countryside Living Zone
- Rural - Mixed Rural Zone
- Strategic Transport Corridor Zone
- Water



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxiliary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.





**SUPPORTING GROWTH PROGRAMME  
NORTH WEST ROAD NOISE CONTOURS WITH  
AUP PLAN**

Contours dB  $L_{Aeq}(24h)$

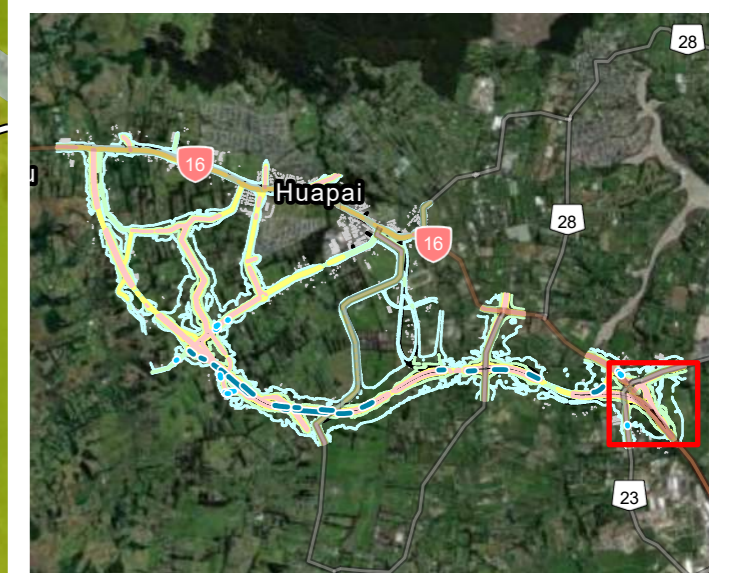
- 55
- 60
- 65
- 70

**Noise wall**

- At residence
- Project Road
- Building footprints

**AUP Zones**

- Coastal - Coastal Transition Zone
- Coastal - General Coastal Marine Zone
- Future Urban Zone
- Open Space - Conservation Zone
- Open Space - Sport and Active Recreation Zone
- Road
- Strategic Transport Corridor Zone
- Water



**Client:**  
SGA

**Authors:**  
Owen Li

**Date of Issue:**  
9/02/2023 4:53 pm

**Drawing Details:**  
Scale: 1:5,000  
Projection: WGS 1984 Web Mercator Auxiliary Sphere  
Map Rotation: 0°

**SoundPLAN Details:**  
Calculation Method: CoRTN 1988  
Result File Name: RRKL3010.res

**Map Notes / Comments:**  
This map is for graphical purposes only. While every effort has been made to ensure that the data are accurate and reliable, Marshall Day Acoustics cannot assume liability for errors or omissions in the data graphically represented. The noise contours were obtained by interpolations of calculated grid points (spacing typically 5-25m), with varying interpolation accuracy. Precise noise levels at specific locations, can be made available at request if not included in the projects point receiver calculations.