



Initials: SW
 Date: 17/8/2011
 Calculation No: 125, 163, 181

A3 Scale 1:2500
 0 12.5 25 50 75 100 m

MARSHALL DAY
 Acoustics

ROAD TRANSPORT AGENCY
 Mackays to Peka Peka

MACKAYS TO PEKA PEKA EXPRESSWAY

Preferred Mitigation Options
 Sector 1 south

PREFERRED NOISE
 MITIGATION OPTIONS
 SHEET 1 OF 12

Document Set:
 M2PP-AEE-DWG

Drawing No.:
 EN-NV-001

Legend

- Cadastral bdy
- Traffic noise emis
- Road surface
- Bridge
- Bridge barrier
- Building
- Auxiliary building
- Bund crown
- Noise barrier



Noise level
dB LAeq(24h)

	<= 57 Category A
	57 < <= 64 Category B
	64 < Category C

Initials: SW
Date: 17/8/2011
Calculation No: 125, 163, 181



MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
Sector 1 north**

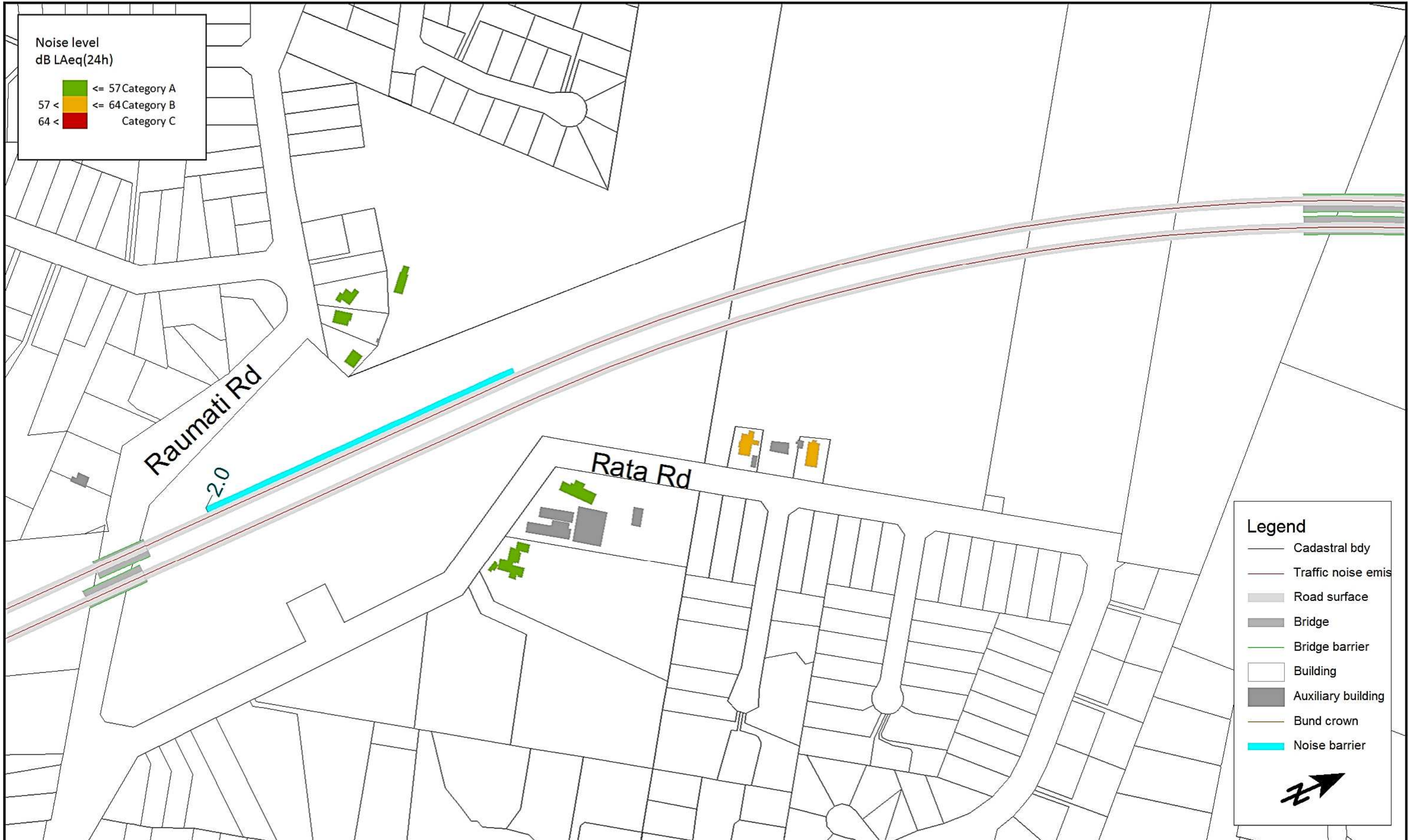
PREFERRED NOISE
MITIGATION OPTIONS
SHEET 2 OF 12

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-002

A3 Scale 1:2500
0 12.5 25 50 75 100 m





Noise level
dB LAeq(24h)

■	<= 57	Category A	
■	57 <	<= 64	Category B
■	64 <		Category C

Legend

- Cadastral bdy
- Traffic noise emis
- Road surface
- Bridge
- Bridge barrier
- Building
- Auxiliary building
- Bund crown
- Noise barrier

Initials: SW
Date: 17/8/2011
Calculation No: 203, 225, 249, 261, 282

A3 Scale 1:2500
0 12.5 25 50 75 100 m

MARSHALL DAY **Acoustics**

Mackays to Peka Peka

MACKAYS TO PEKA PEKA EXPRESSWAY

Preferred Mitigation Options
Sector 2 south

PREFERRED NOISE
MITIGATION OPTIONS
SHEET 3 OF 12

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-003



Initials: SW
 Date: 17/8/2011
 Calculation No: 203, 225, 249, 261, 282

MARSHALL DAY
 Acoustics

MACKAYS TO PEKA PEKA EXPRESSWAY

PREFERRED NOISE
 MITIGATION OPTIONS
 SHEET 4 OF 12

Document Set:
 M2PP-AEE-DWG
 Drawing No.:
 EN-NV-004

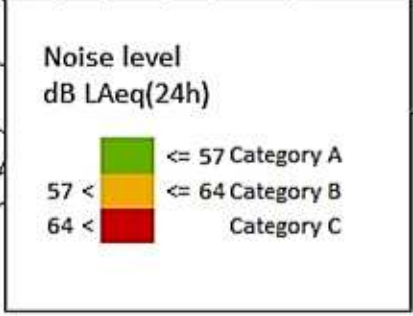
A3 Scale 1:2500
 0 12.5 25 50 75 100 m



**Preferred Mitigation Options
 Sector 2 Kapiti**

Legend

- Cadastral bdy
- Traffic noise emis
- Road surface
- Bridge
- Bridge barrier
- Building
- Auxiliary building
- Bund crown
- Noise barrier
- Bund



Initials: SW
Date: 17/8/2011
Calculation No: 203, 225, 249, 261, 282

A3 Scale 1:2500
0 12.5 25 50 75 100 m

MARSHALL DAY
Acoustics



MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
Sector 2 Kapiti Rd to Mazengarb Rd north**

PREFERRED NOISE
MITIGATION OPTIONS
SHEET 6 OF 12

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-006



Initials: SW
 Date: 17/8/2011
 Calculation No: 303, 324, 344, 361, 382, 402, 422, 441

MARSHALL DAY
 Acoustics












MACKAYS TO PEKA PEKA EXPRESSWAY

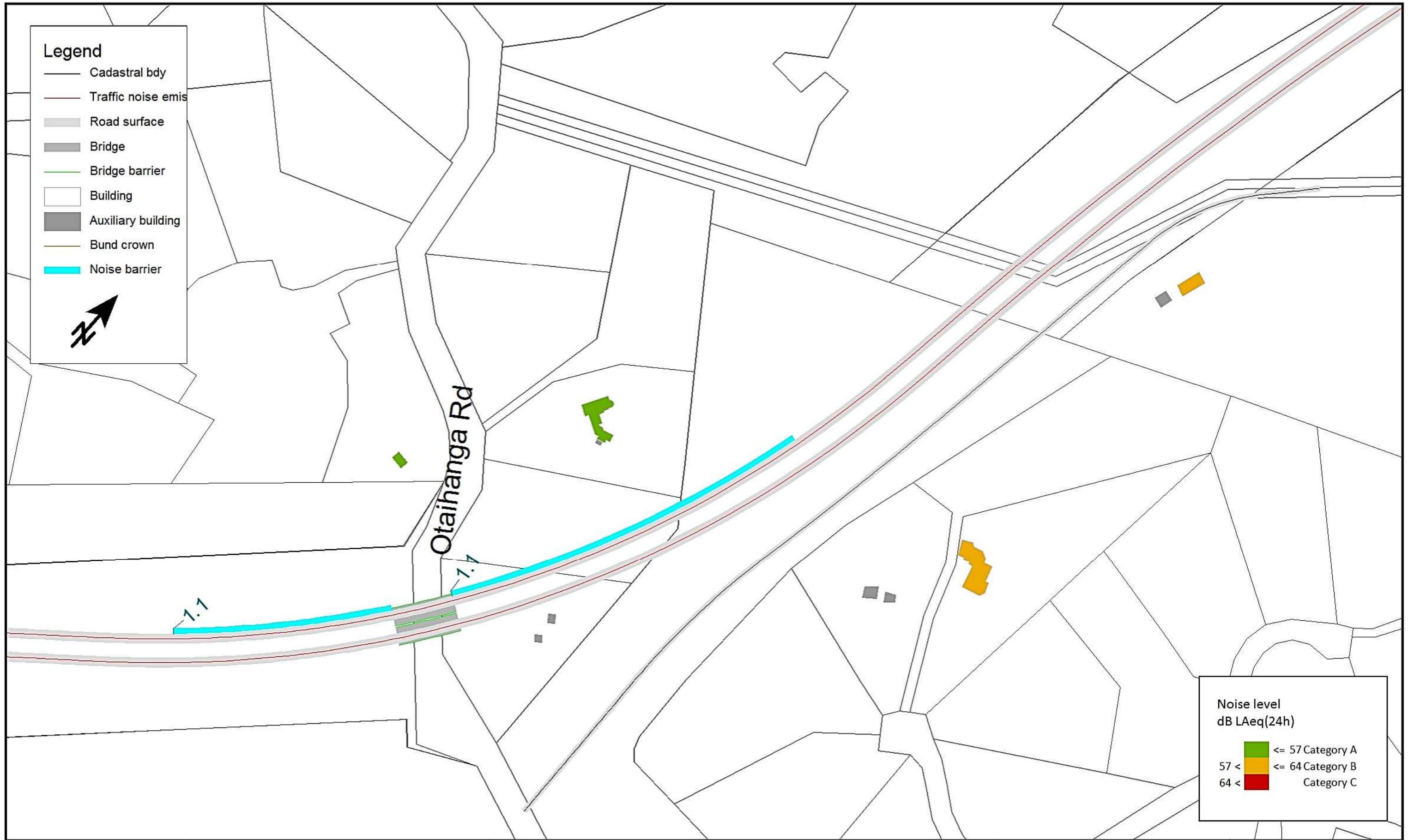
**Preferred Mitigation Options
 Sector 3 North of Mazengarb Rd**

PREFERRED NOISE
 MITIGATION OPTIONS
 SHEET 7 OF 12




Document Set:
 M2PP-AEE-DWG
 Drawing No.:
 EN-NV-007

Legend

-  Cadastral bdy
-  Traffic noise emis
-  Road surface
-  Bridge
-  Bridge barrier
-  Building
-  Auxiliary building
-  Bund crown
-  Noise barrier



**Noise level
dB LAeq(24h)**

	<= 57 Category A
	57 < <= 64 Category B
	64 < Category C

Initials: SW
Date: 17/8/2011
Calculation No: 303, 324, 344, 361, 382, 402, 422, 441

MARSHALL DAY
Acoustics

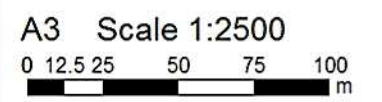
MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
Sector 3 Otaihanga Road**

PREFERRED NOISE
MITIGATION OPTIONS
SHEET 8 OF 12

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-008



Legend

- Cadastral bdy
- Traffic noise emis
- Road surface
- Bridge
- Bridge barrier
- Building
- Auxiliary building
- Bund crown
- Noise barrier



**Noise level
dB LAeq(24h)**

- ≤ 57 Category A
- 57 < ≤ 64 Category B
- 64 < Category C



Initials: SW
Date: 17/8/2011
Calculation No: 303, 324, 344, 381, 382, 402, 422, 441

A3 Scale 1:2500
0 12.5 25 50 75 100 m

MARSHALL DAY
Acoustics



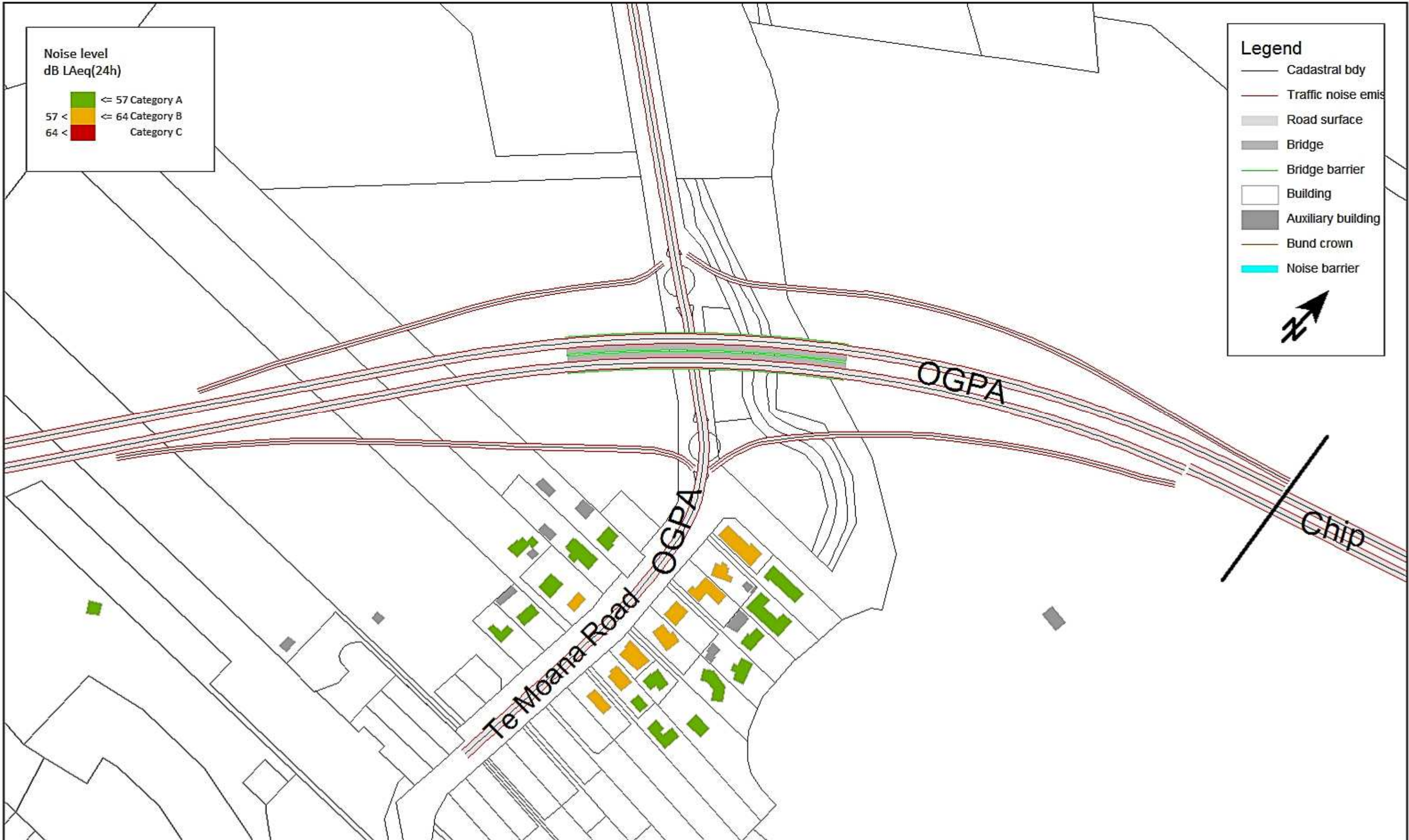
MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
Sector 3 El Rancho**

PREFERRED NOISE
MITIGATION OPTIONS
SHEET 9 OF 12

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-009



Initials: SW
 Date: 17/8/2011
 Calculation No: 303, 324, 344, 361, 382, 402, 422, 441
 A3 Scale 1:2500
 0 12.5 25 50 75 100 m

MARSHALL DAY
 Acoustics

NO TRANSPORT
 ACTIVITY
 Mackays to Peka Peka

MACKAYS TO PEKA PEKA EXPRESSWAY

Preferred Mitigation Options
 Sector 3 Te Moana

PREFERRED NOISE
 MITIGATION OPTIONS
 SHEET 10 OF 12

Document Set:
 M2PP-AEE-DWG
 Drawing No.:
 EN-NV-010



Initials: SW
 Date: 17/8/2011
 Calculation No: 462, 485, 503

A3 Scale 1:2500
 0 12.5 25 50 75 100 m

MARSHALL DAY
 Acoustics

NT TRANSPORT AGENCY
 Mackays to Peka Peka

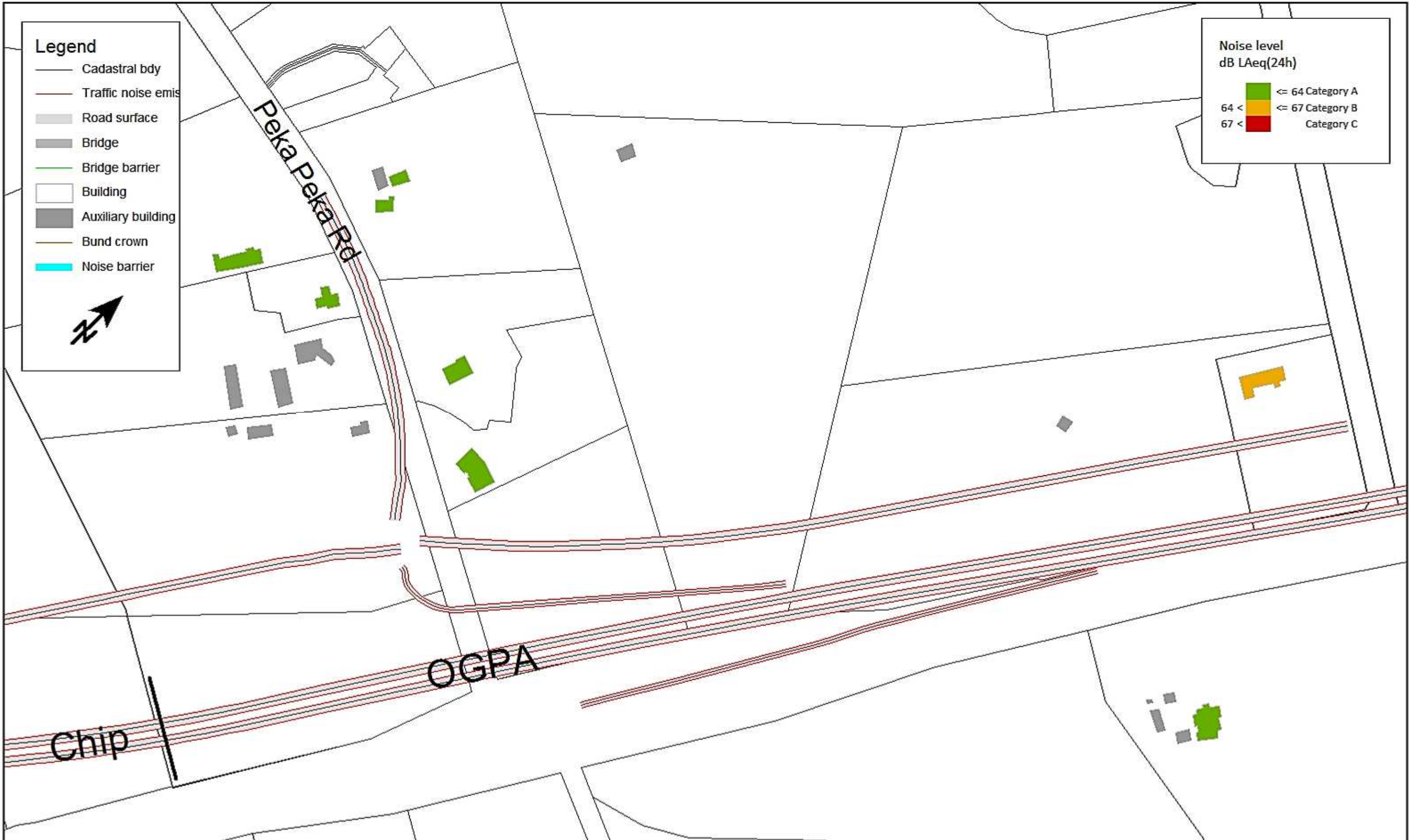
MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
 Sector 4 End Farm Road**

PREFERRED NOISE
 MITIGATION OPTIONS
 SHEET 11 OF 12

Document Set:
 M2PP-AEE-DWG

Drawing No.:
 EN-NV-011



Initials: SW
 Date: 17/8/2011
 Calculation No: 462, 485, 503

A3 Scale 1:2500
 0 12.5 25 50 75 100 m

MARSHALL DAY Acoustics

NEW ZEALAND TRANSPORT AGENCY
 Mackays to Peka Peka

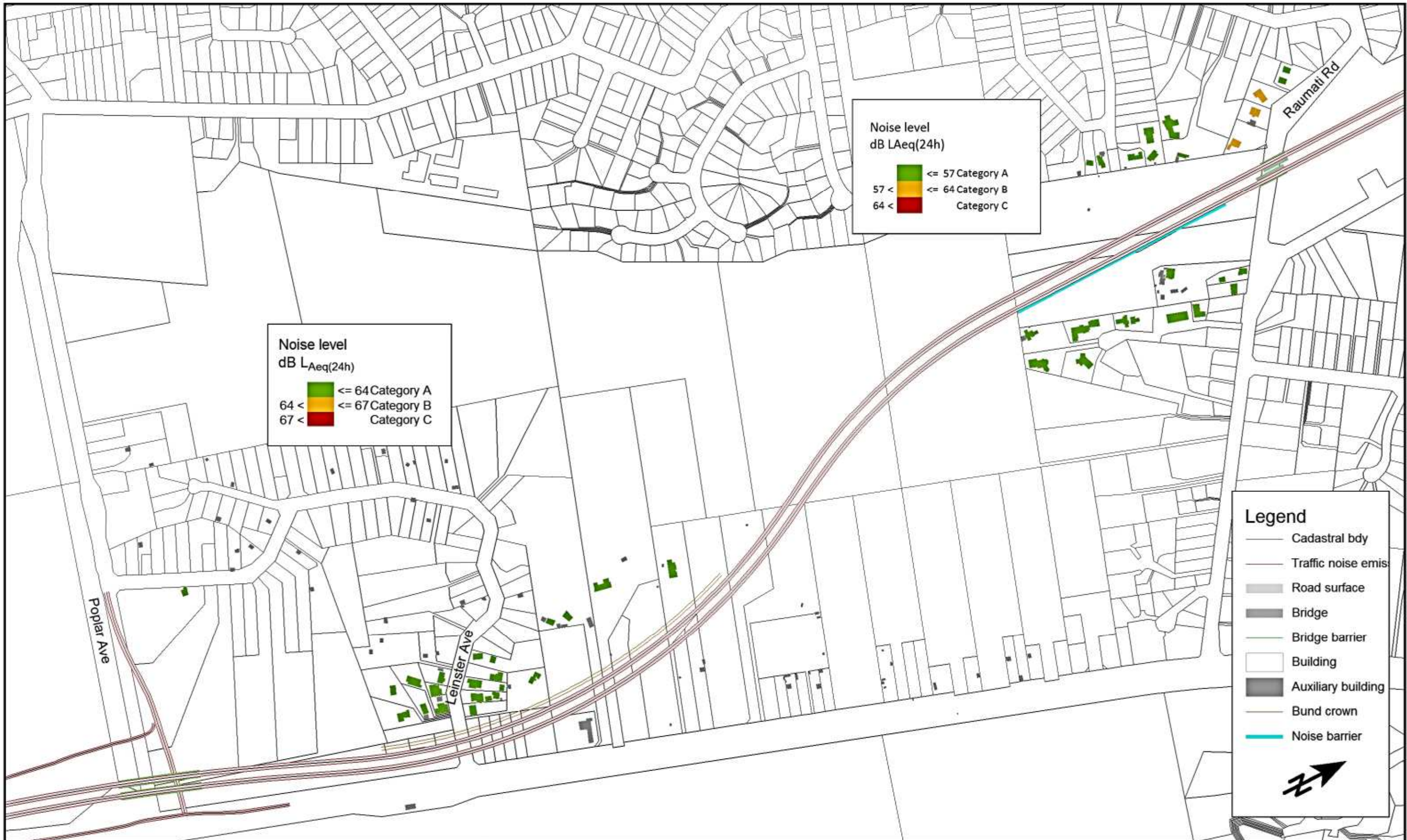
MACKAYS TO PEKA PEKA EXPRESSWAY

Preferred Mitigation Options
 Sector 4 North

PREFERRED NOISE MITIGATION OPTIONS
 SHEET 12 OF 12

Document Set:
 M2PP-AEE-DWG

Drawing No.:
 EN-NV-012



Initials: SW
Date: 17/8/2011
Calculation No: 125, 183, 181

A3 Scale 1:5000
0 25 50 100 150 200 m

MARSHALL DAY
Acoustics

NO TRANSPORT AGENCY
Mackays to Peka Peka

MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
Sector 1 - Overview**

SECTOR OVERVIEW
PREFERRED NOISE
MITIGATION OPTIONS
SHEET 1 OF 4

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-013



Noise level
dB LAeq(24h)

- <= 57 Category A
- 57 < <= 64 Category B
- 64 < Category C

Initials: SW
Date: 17/8/2011
Calculation No: 203, 225, 249, 261, 282

A3 Scale 1:7500
0 37.5 75 150 225 300 m

MARSHALL DAY
Acoustics



MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
Sector 2 - Overview**

SECTOR OVERVIEW
PREFERRED NOISE
MITIGATION OPTIONS
SHEET 2 OF 4

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-014



Noise level
dB LAeq(24h)

■	<= 57 Category A
■	57 < <= 64 Category B
■	64 < <= 64 Category C

Legend

- Cadastral bdy
- Traffic noise emis
- ▬ Road surface
- ▬ Bridge
- ▬ Bridge barrier
- Building
- ▬ Auxiliary building
- ▬ Bund crown
- ▬ Noise barrier

Initials: SW
Date: 17/8/2011
Calculation No: 303, 324, 344, 361, 382, 402, 422, 441



MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
Sector 3 - Overview**

SECTOR OVERVIEW
PREFERRED NOISE
MITIGATION OPTIONS
SHEET 3 OF 4

Document Set:
M2PP-AEE-DWG

Drawing No.:
EN-NV-015

A3 Scale 1:9000
0 45 90 180 270 360 m



Initials: SW
 Date: 17/8/2011
 Calculation No: 462, 485, 503

A3 Scale 1:9000
 0 45 90 180 270 360
 m

MARSHALL DAY 
 Acoustics

 **Mackays to Peka Peka**

MACKAYS TO PEKA PEKA EXPRESSWAY

**Preferred Mitigation Options
 Sector 4 - Overview**

SECTOR OVERVIEW
 PREFERRED NOISE
 MITIGATION OPTIONS
 SHEET 4 OF 4

Document Set:
 M2PP-AEE-DWG
 Drawing No.:
 EN-NV-016