



PPFs New	PPFs Altered
dB $L_{Aeq(24h)}$	dB $L_{Aeq(24h)}$
■ < 57	■ < 64
■ 57 - 64	■ 64 - 67
■ > 64	■ > 67
Noise Level	Other Buildings
dB $L_{Aeq(24h)}$	Assessment Area
■ 55 - 60	— Road
■ 60 - 65	
■ 65 - 70	
■ > 70	

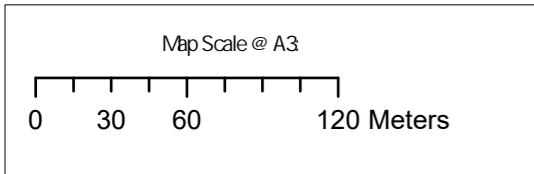
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Revision	Author	Verified	Approved	Date	Title
1	Author	DRAFT	DRAFT	dd/mm/yyyy	

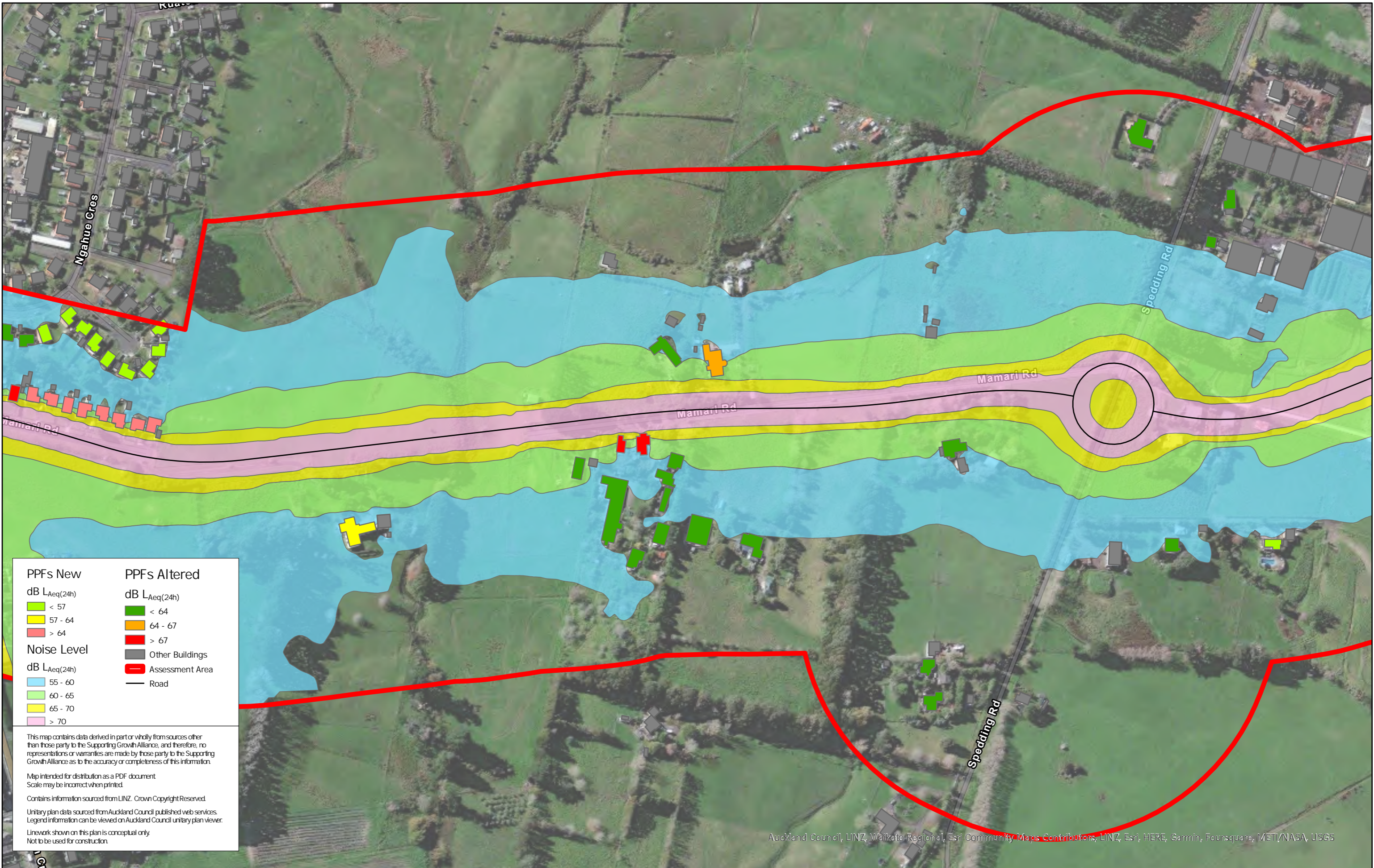
Supporting Growth
NoR W2 - Do Minimum Road Traffic Noise

Client	Supporting Growth
Project	North West Package



Discipline:	GIS
Drawing No:	SGA-NOR-W1-000

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PPFs New		PPFs Altered	
dB LAeq(24h)		dB LAeq(24h)	
■	< 57	■	< 64
■	57 - 64	■	64 - 67
■	> 64	■	> 67
Noise Level		Other Buildings	
dB LAeq(24h)		■	Other Buildings
■	55 - 60	▬	Assessment Area
■	60 - 65	▬	Road
■	65 - 70		
■	> 70		

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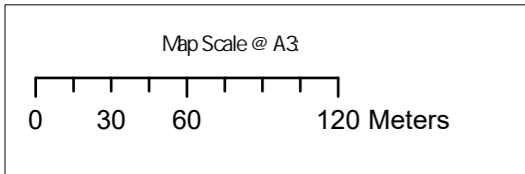
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1	Author	DRAFT	DRAFT	dd/mm/yyyy	Supporting Growth NoR W2 - Do Minimum Road Traffic Noise

Client: Supporting Growth

Project: North West Package

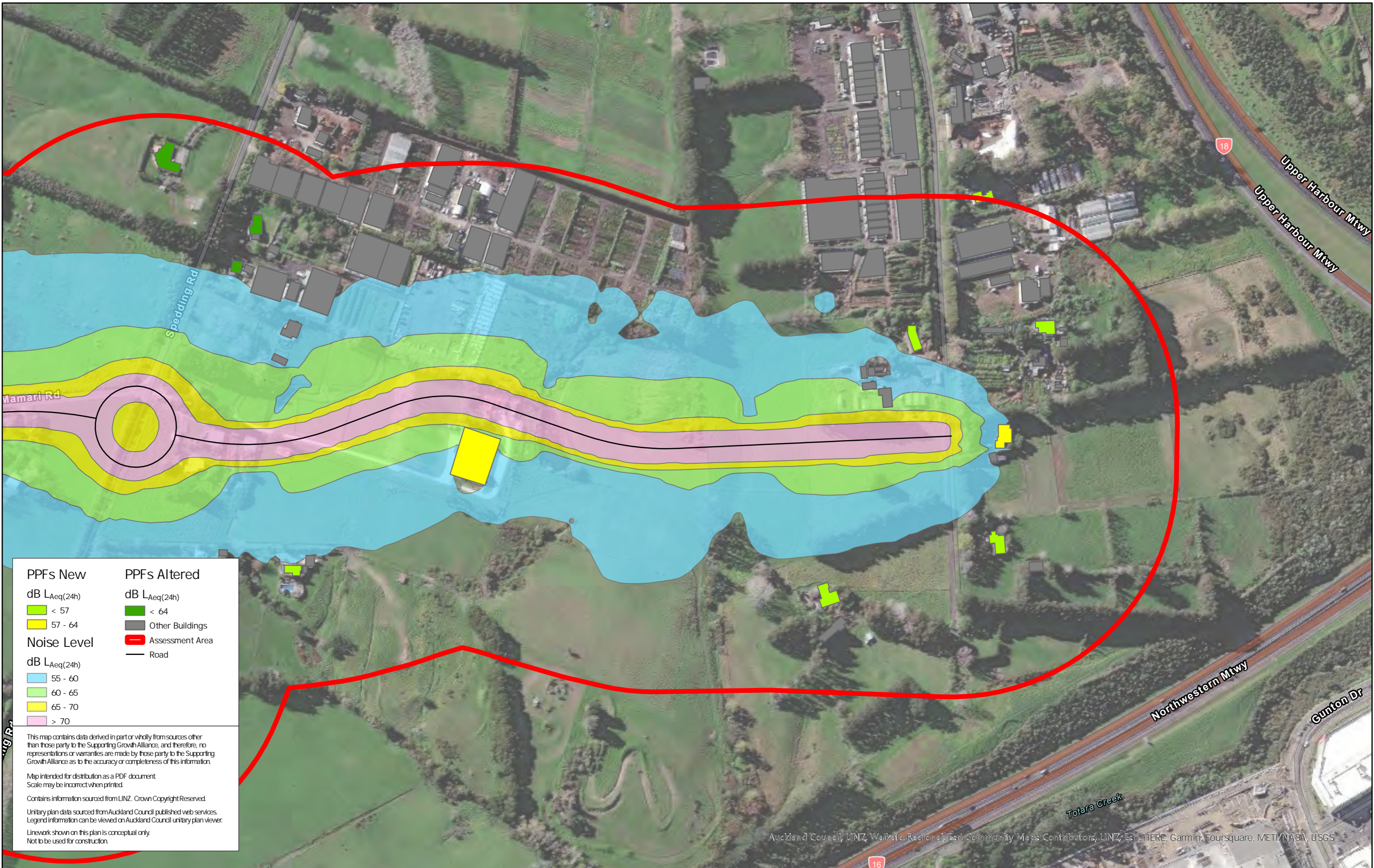
Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



PPFs New	PPFs Altered
dB LAeq(24h)	dB LAeq(24h)
 < 57	 < 64
 57 - 64	 Other Buildings
Noise Level	 Assessment Area
dB LAeq(24h)	 Road
 55 - 60	
 60 - 65	
 65 - 70	
 > 70	

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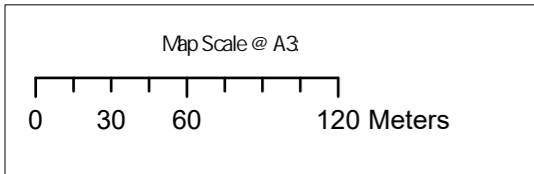
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Revision	Author	Verified	Approved	Date	Title:
1	Author	DRAFT	DRAFT	dd/mm/yyyy	Supporting Growth NoR W2 - Do Minimum Road Traffic Noise

Client: Supporting Growth

Project: North West Package

Discipline: GIS

Drawing No: SGA-NOR-W1-000





PPFs New		PPFs Altered	
dB LAeq(24h)	< 57	dB LAeq(24h)	< 64
	57 - 64		64 - 67
Noise Level			Other Buildings
dB LAeq(24h)	55 - 60		Assessment Area
	60 - 65		Road
	65 - 70		
	> 70		

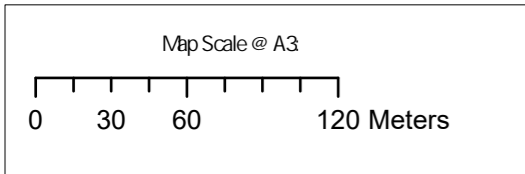
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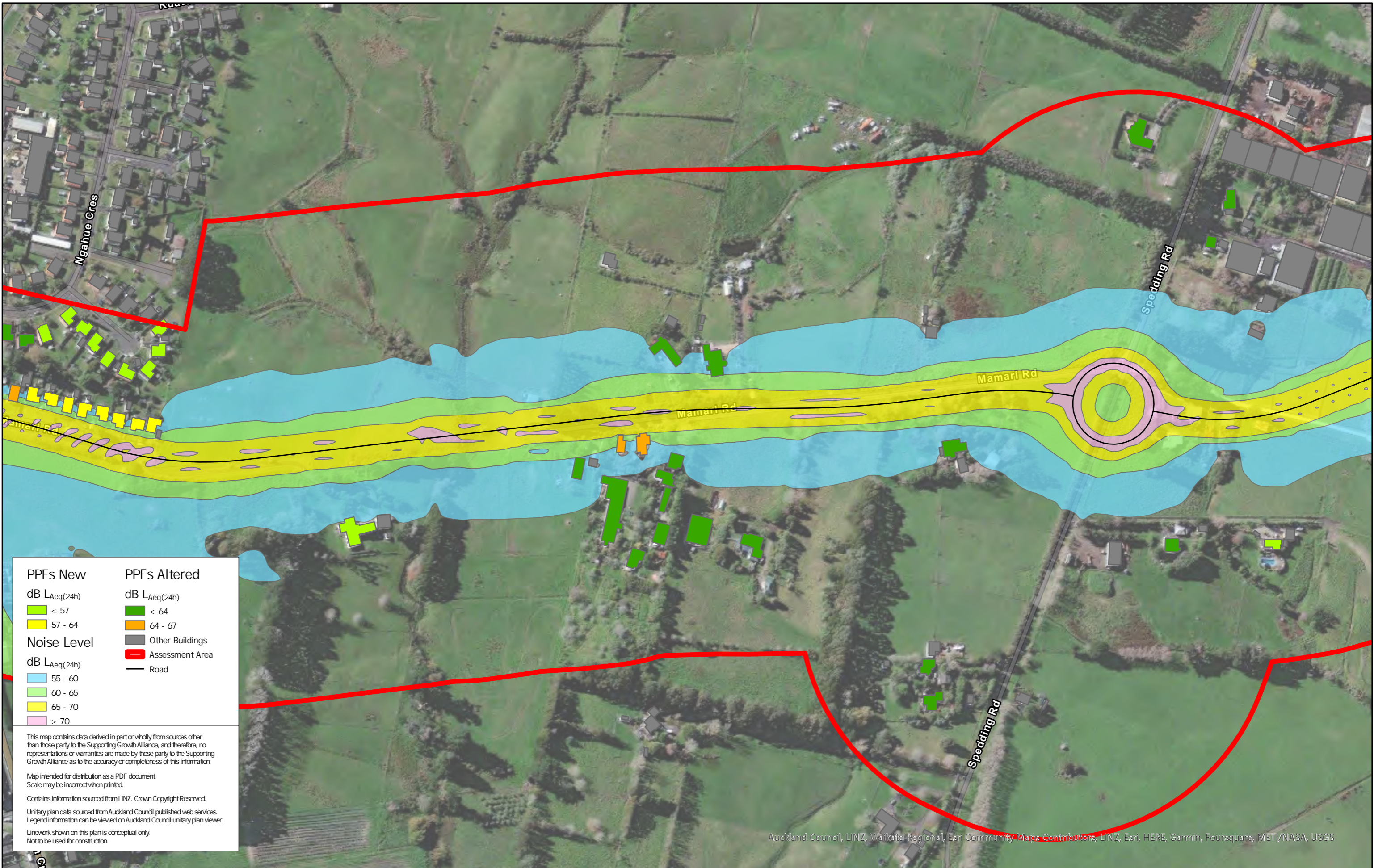
Title: Supporting Growth
NoR W2 - Mitigated Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000

Auckland Council, LINZ, Waikato Regional, Esri, Community Maps Contributors, LINZ, Esri, HERE, Garmin, Foursquare, METI/NASA, USGS



PPFs New		PPFs Altered	
dB LAeq(24h)		dB LAeq(24h)	
	< 57		< 64
	57 - 64		64 - 67
Noise Level			Other Buildings
dB LAeq(24h)			Assessment Area
	55 - 60		Road
	60 - 65		
	65 - 70		
	> 70		

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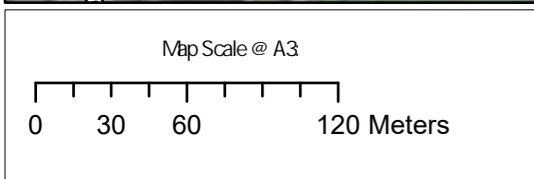
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Revision	Author	Verified	Approved	Date
1	Author	DRAFT	DRAFT	dd/mm/yyyy

Title: **Supporting Growth
NoR W2 - Mitigated Road Traffic Noise**

Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



PPFs New	PPFs Altered
dB LAeq(24h)	dB LAeq(24h)
 < 57	 < 64
 57 - 64	 Other Buildings
Noise Level	 Assessment Area
dB LAeq(24h)	 Road
 55 - 60	
 60 - 65	
 65 - 70	
 > 70	

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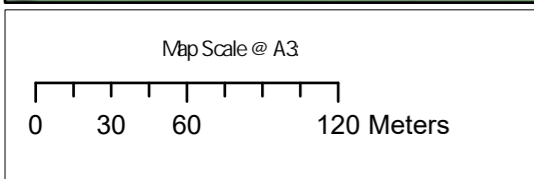
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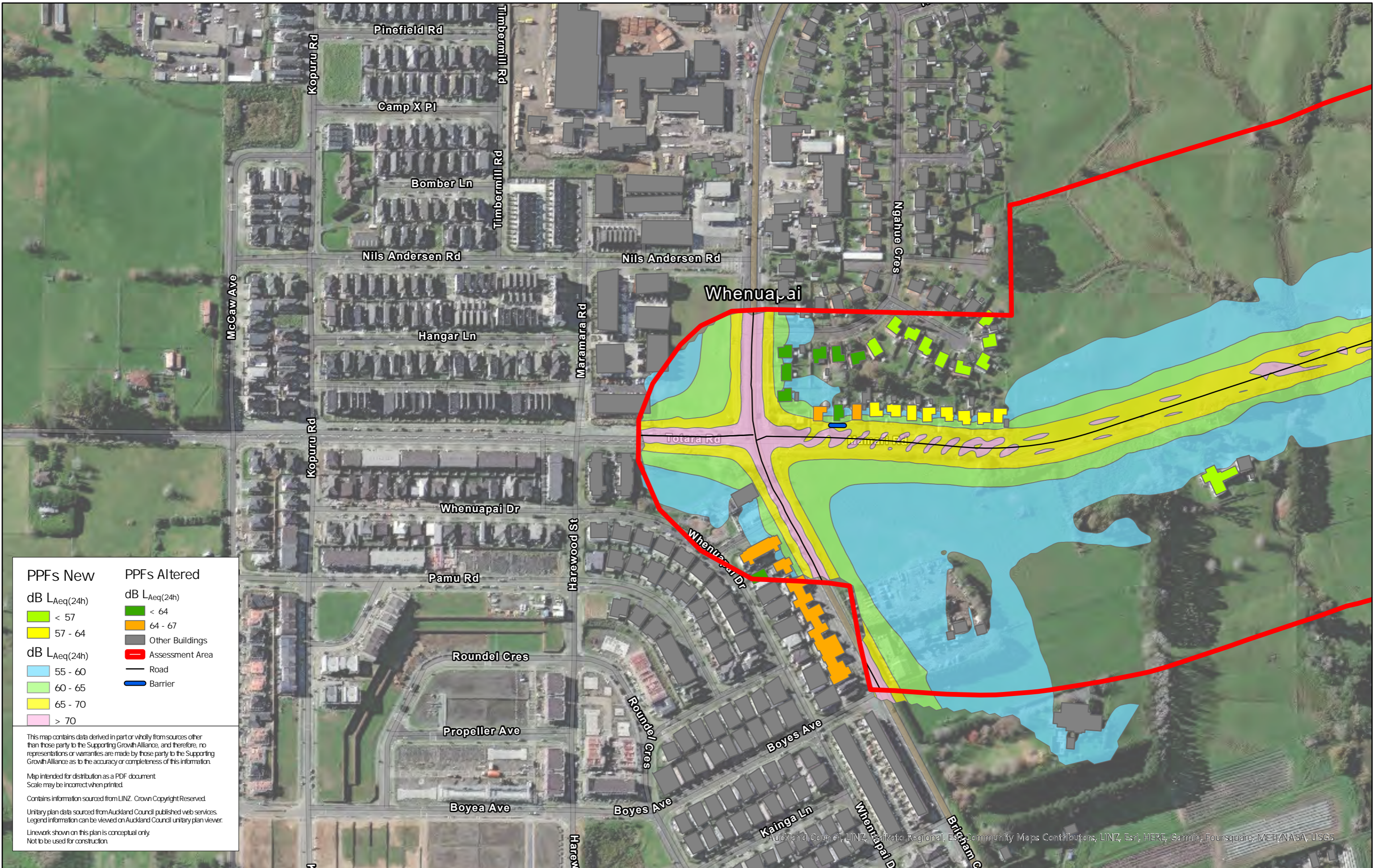


Revision	Author	Verified	Approved	Date	Title:
1	Author	DRAFT	DRAFT	dd/mm/yyyy	Supporting Growth NoR W2 - Mitigated Road Traffic Noise

Client	Supporting Growth
Project	North West Package

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Discipline:	GIS
Drawing No:	SGA-NOR-W1-000



PPFs New		PPFs Altered	
dB $L_{Aeq}(24h)$	dB $L_{Aeq}(24h)$	dB $L_{Aeq}(24h)$	dB $L_{Aeq}(24h)$
■ < 57	■ < 64	■ 57 - 64	■ 64 - 67
dB $L_{Aeq}(24h)$	■ Other Buildings	■ 55 - 60	▬ Assessment Area
■ 60 - 65	▬ Road	■ 65 - 70	▬ Barrier
■ > 70			

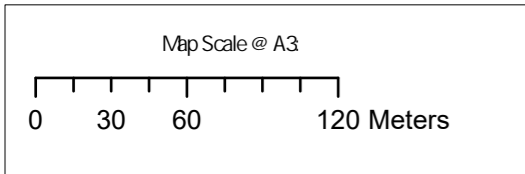
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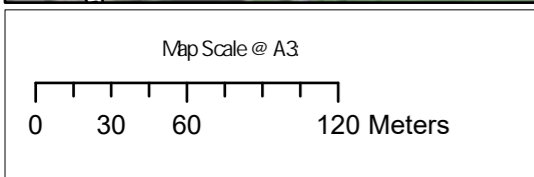
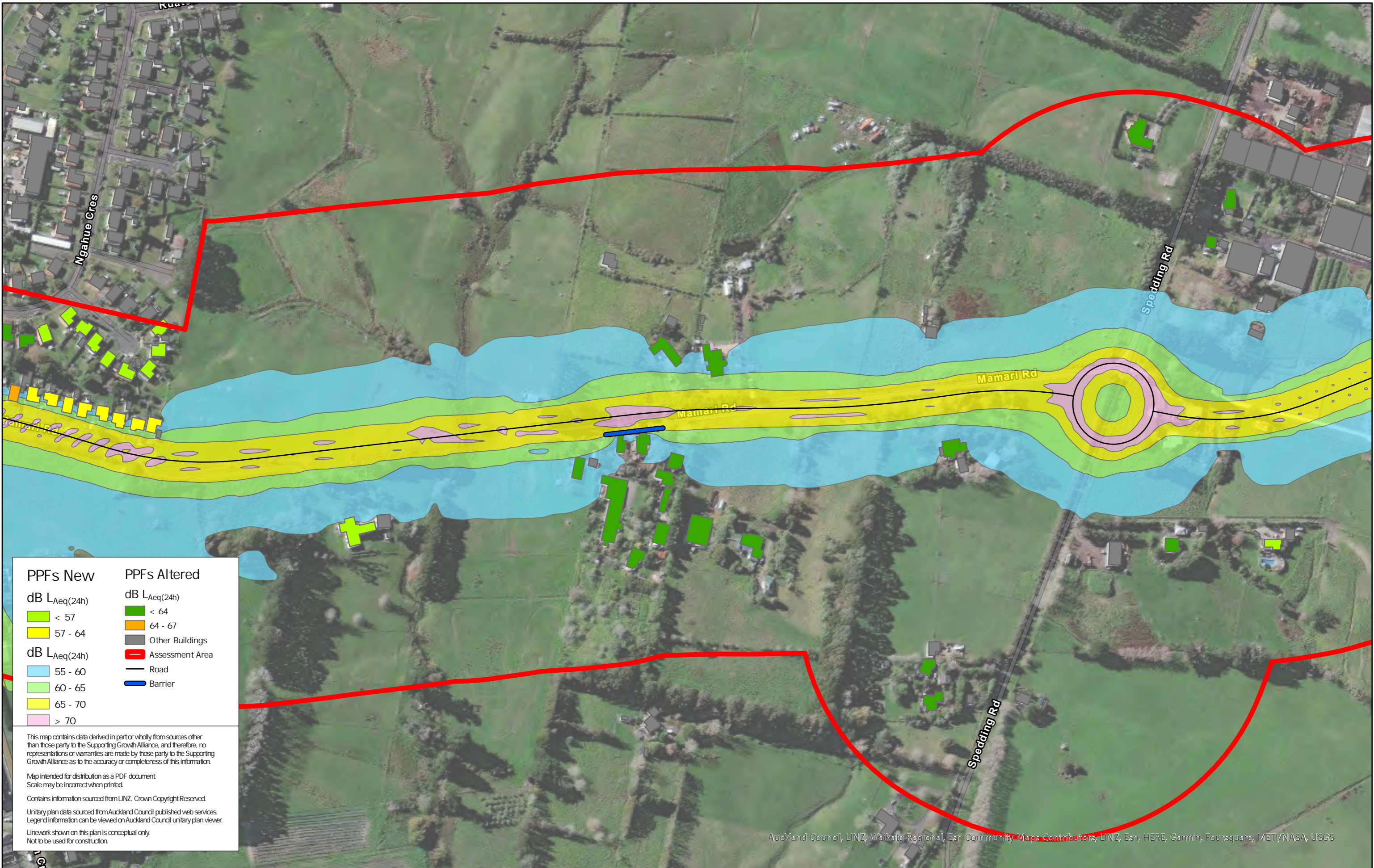
Supporting Growth
NoR W2 - Mitigated Road Traffic Noise 2

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000

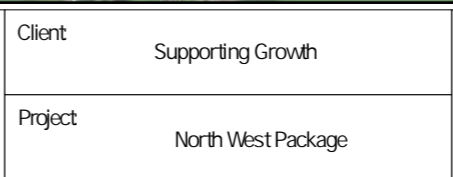
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Revision	Author	Verified	Approved	Date	Title:
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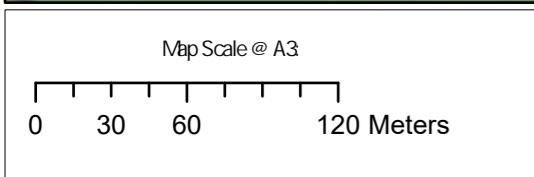
Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Revision	Author	Verified	Approved	Date
1	DK	DRAFT	DRAFT	dd/mm/yyyy

Title: **Supporting Growth**
NoR W2 - Mitigated Road Traffic Noise 2

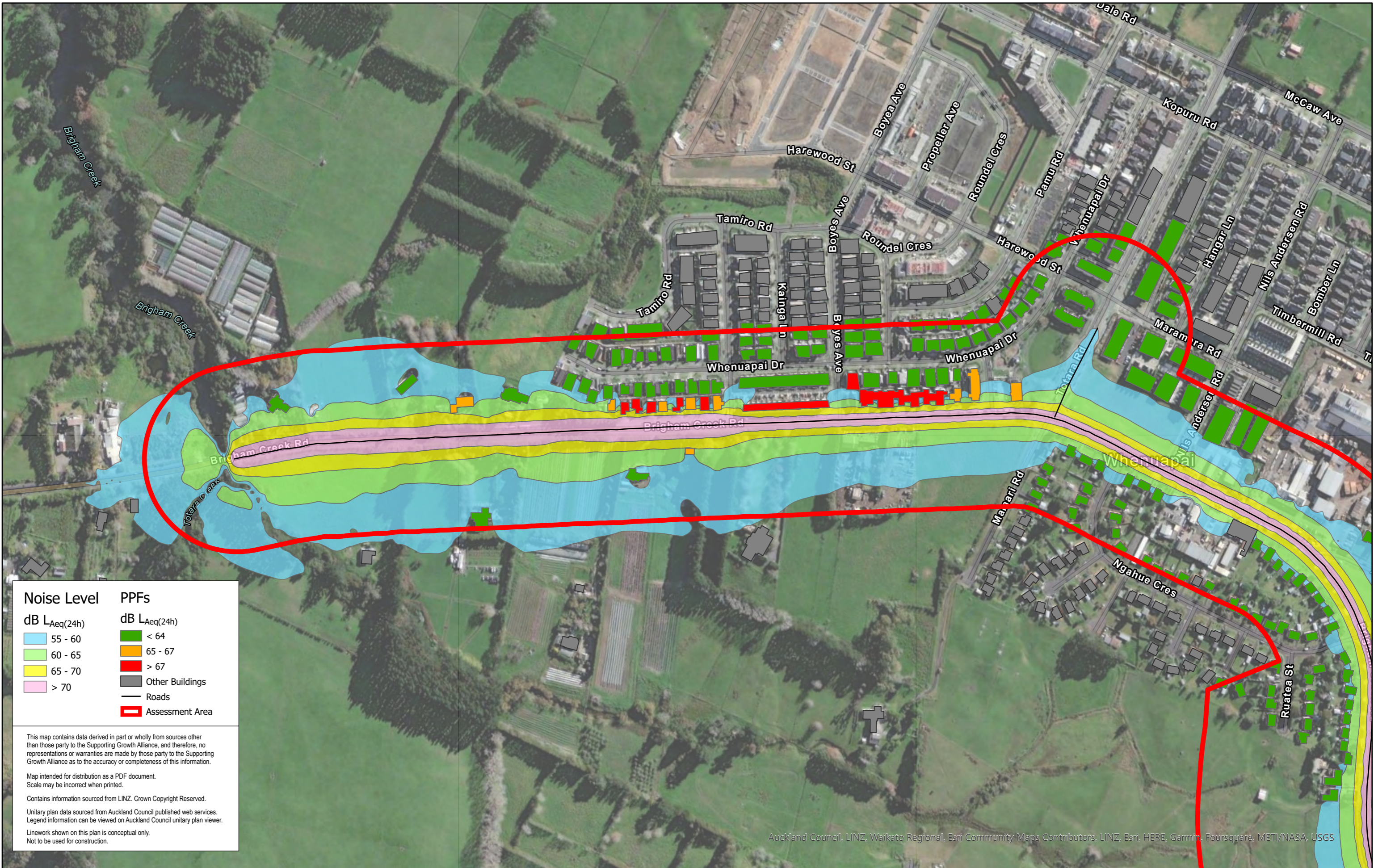
Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB LAeq(24h)	dB LAeq(24h)
55 - 60	< 64
60 - 65	65 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
	Assessment Area

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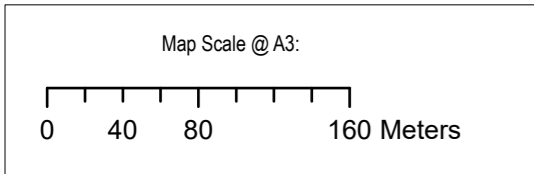
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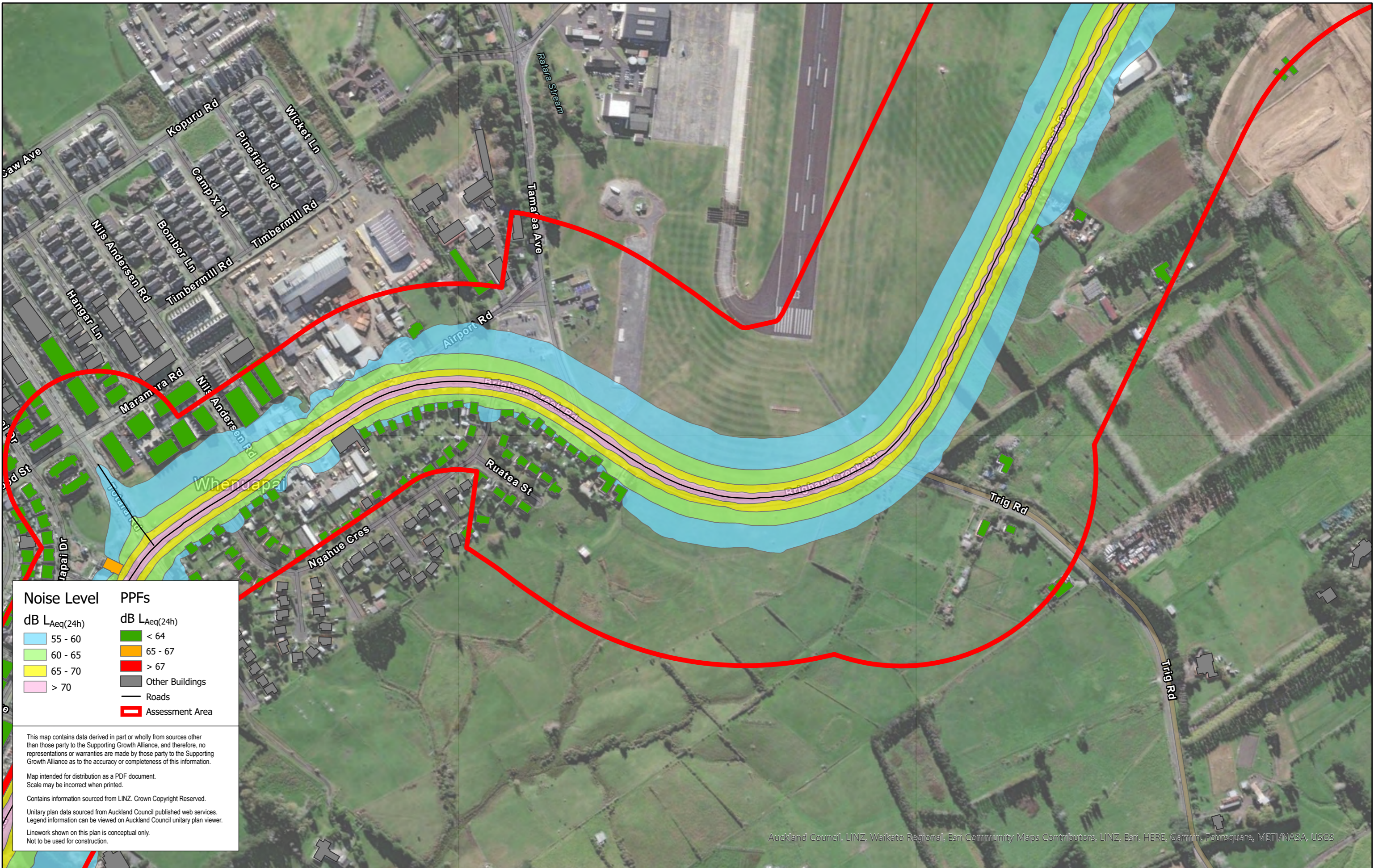
Revision	Author	Verified	Approved	Date
1	Author	DRAFT	DRAFT	dd/mm/yyyy

Supporting Growth
NoR W3 - Existing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	65 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
	Assessment Area

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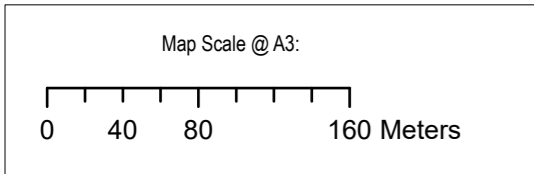
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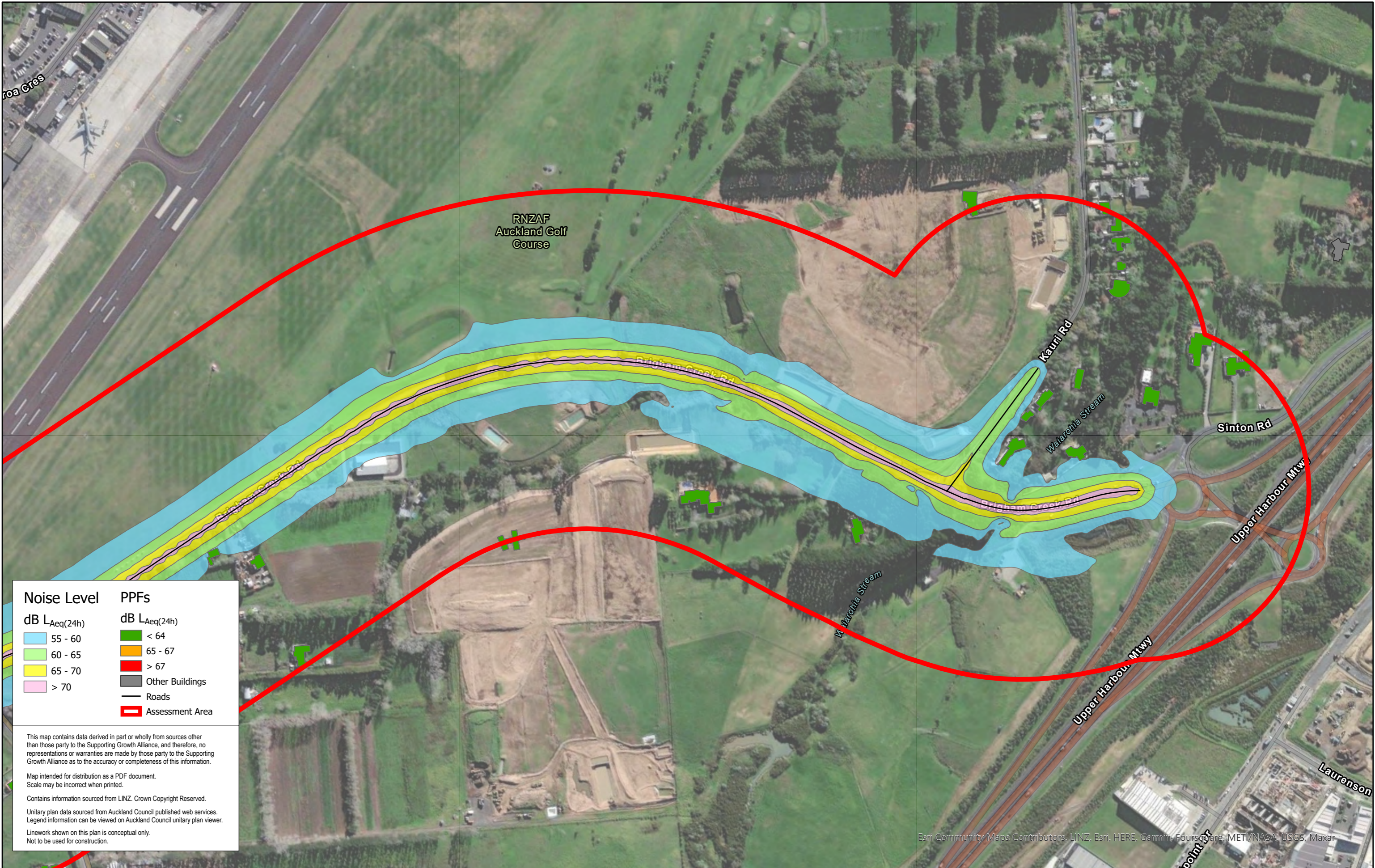
Revision	Author	Verified	Approved	Date	Title:
1	Author	DRAFT	DRAFT	dd/mm/yyyy	

Supporting Growth
NoR W3 - Existing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	65 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
	Assessment Area

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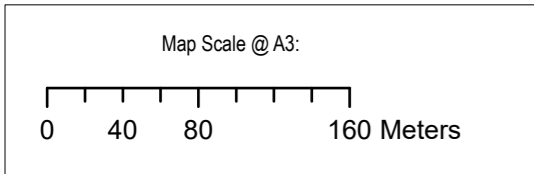
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Revision	Author	Verified	Approved	Date	Title:
1	Author	DRAFT	DRAFT	dd/mm/yyyy	Supporting Growth NoR W3 - Existing Road Traffic Noise

Supporting Growth
NoR W3 - Existing Road Traffic Noise

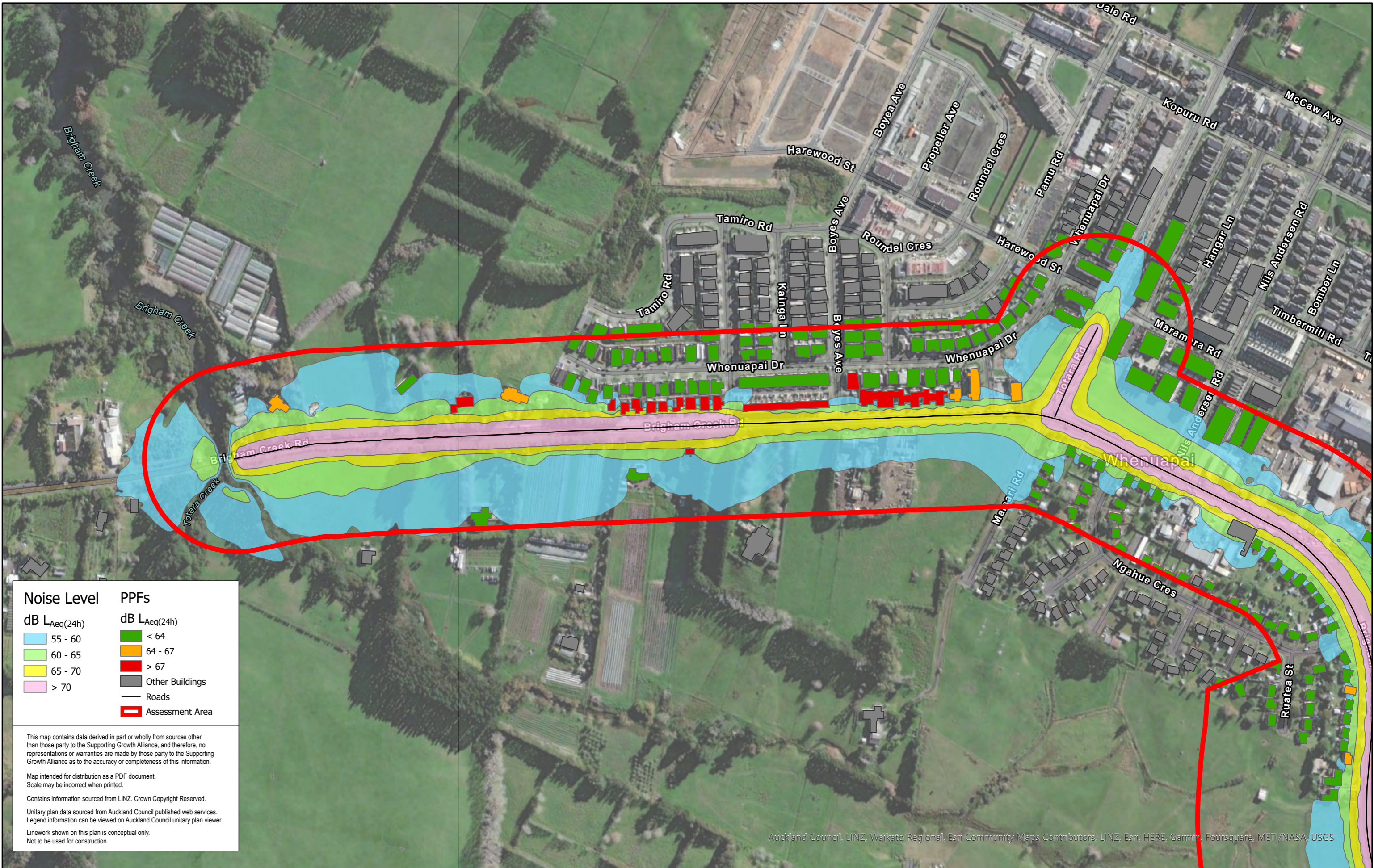
Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB LAeq(24h)	dB LAeq(24h)
55 - 60	< 64
60 - 65	64 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
	Assessment Area

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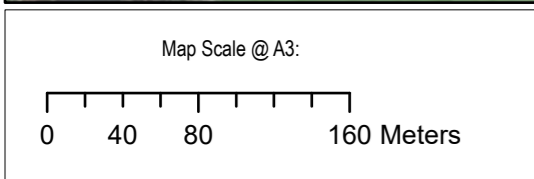
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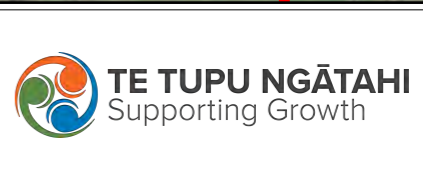
Auckland Council, LINZ, Waikato Regional, Esri Community Maps Contributors, LINZ, Esri, HERE, Garmin, Foursquare, METI/NASA, USGS



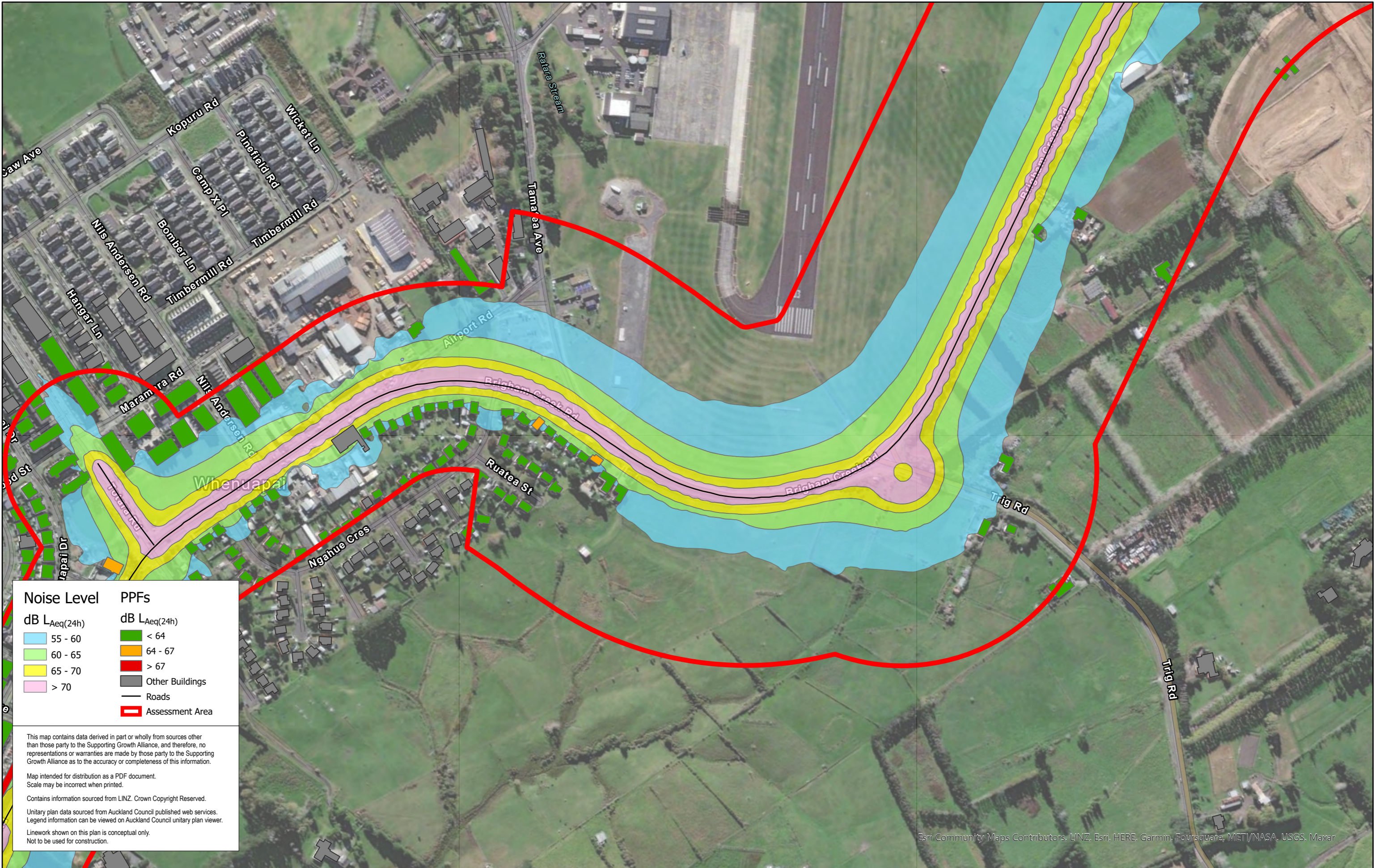
Revision	Author	Verified	Approved	Date
1	Author	DRAFT	DRAFT	dd/mm/yyyy

Supporting Growth
NoR W3 - Do Nothing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB LAeq(24h)	dB LAeq(24h)
55 - 60	< 64
60 - 65	64 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
	Assessment Area

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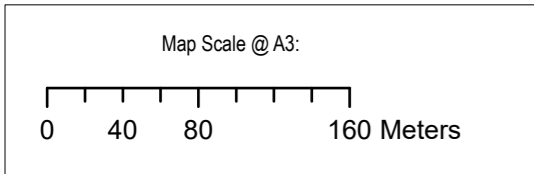
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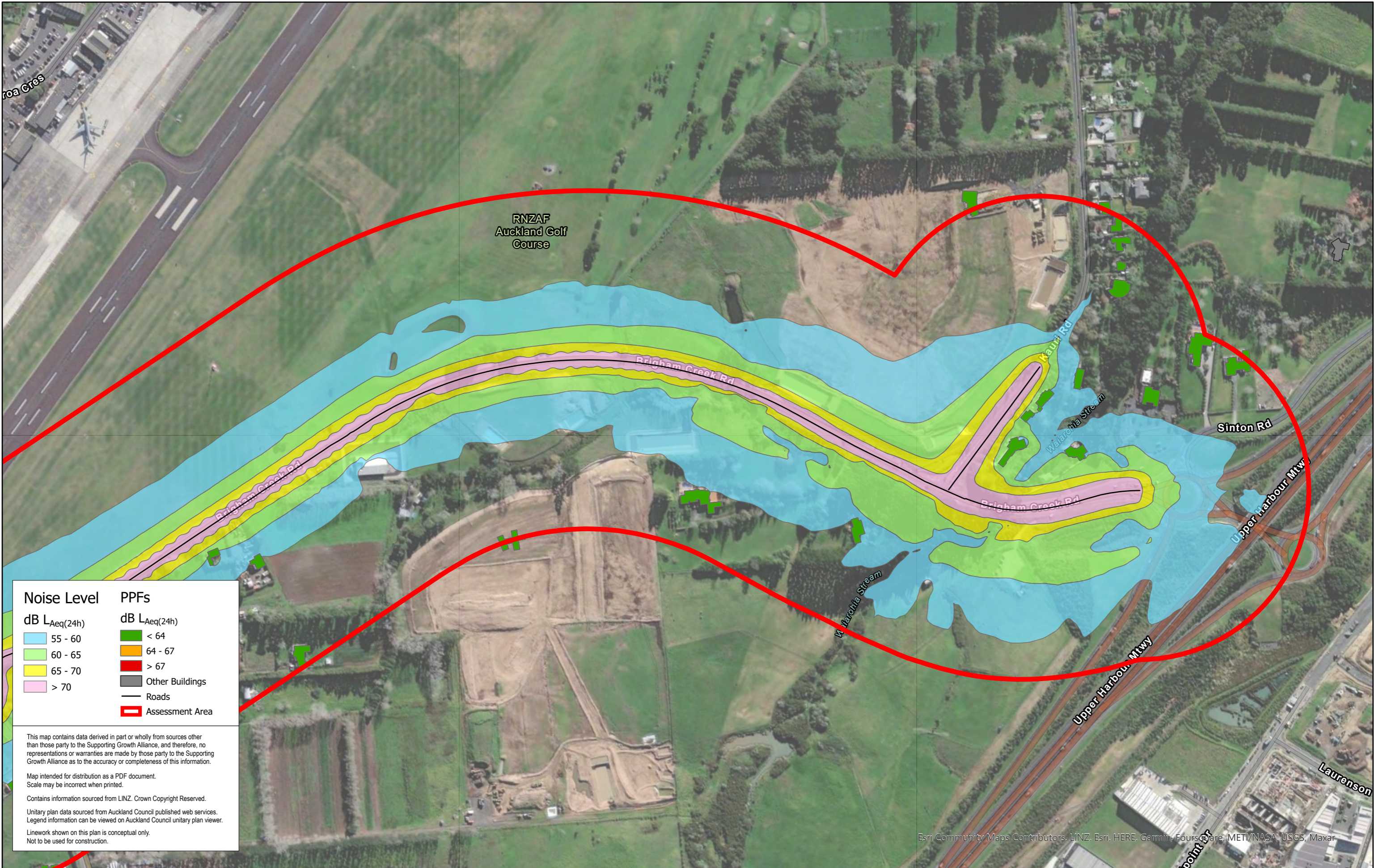
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1	Author	DRAFT	DRAFT	dd/mm/yyyy	

Supporting Growth
NoR W3 - Do Nothing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	64 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
	Assessment Area

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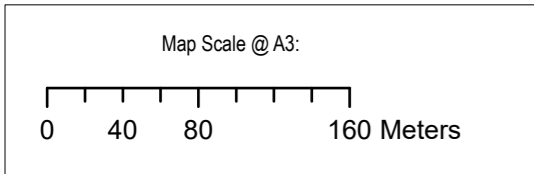
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Revision	Author	Verified	Approved	Date	Title:
1	Author	DRAFT	DRAFT	dd/mm/yyyy	Supporting Growth NoR W3 - Do Nothing Road Traffic Noise

Supporting Growth
NoR W3 - Do Nothing Road Traffic Noise

Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	64 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
	Assessment Area

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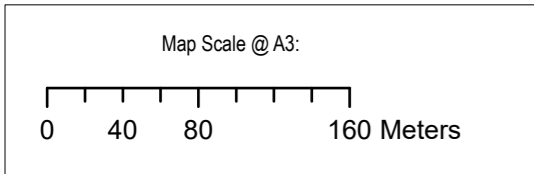
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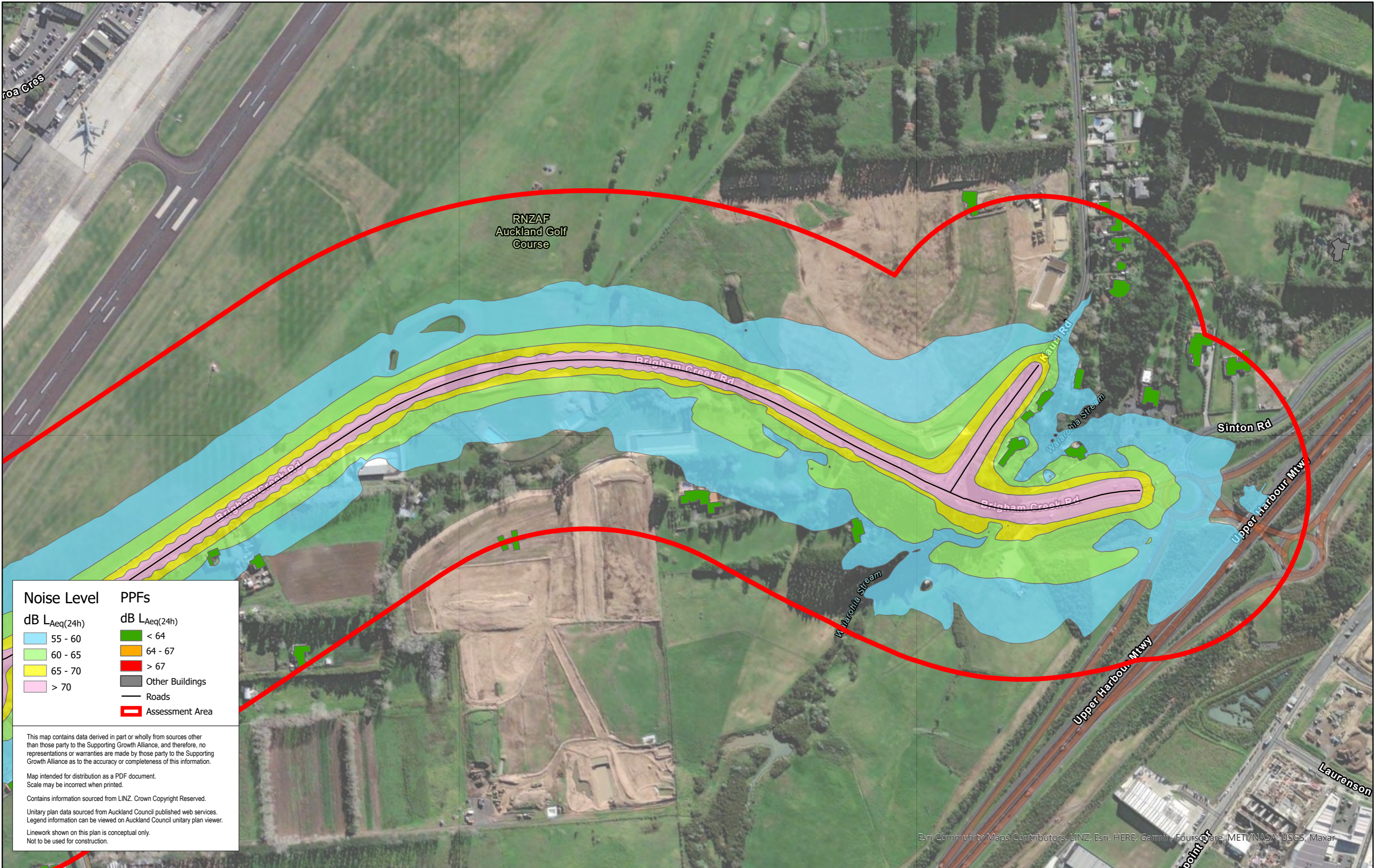
Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W3 - Do Minimum Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	64 - 67
65 - 70	> 67
> 70	Other Buildings
	Roads
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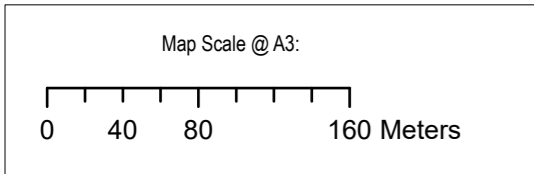
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Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	Supporting Growth NoR W3 - Do Minimum Road Traffic Noise

Supporting Growth
NoR W3 - Do Minimum Road Traffic Noise

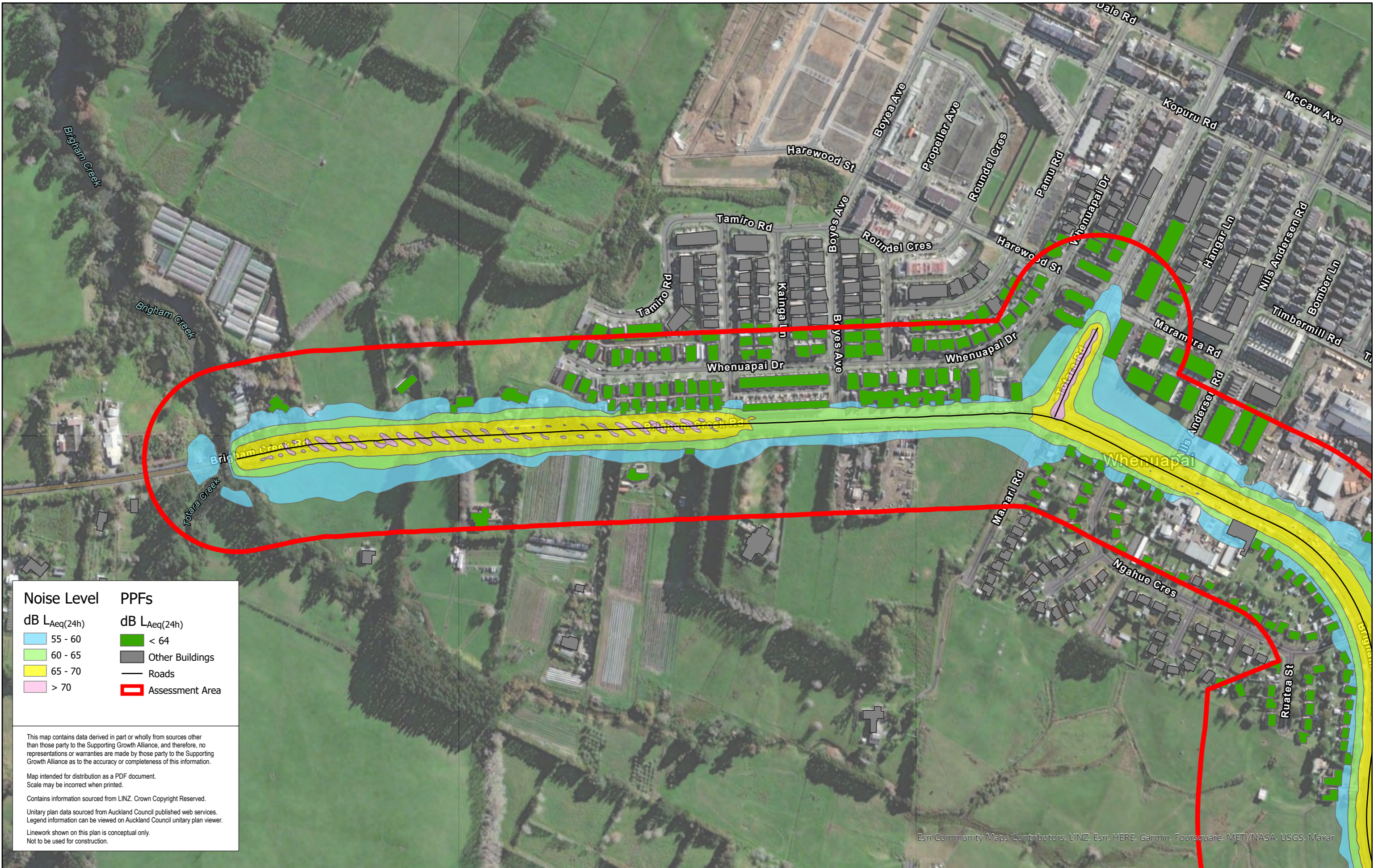
Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Noise Level		PPFs	
dB LAeq(24h)		dB LAeq(24h)	
	55 - 60		< 64
	60 - 65		Other Buildings
	65 - 70		Roads
	> 70		Assessment Area

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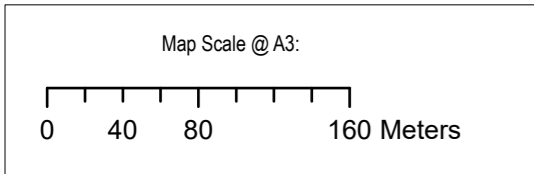
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Revision	Author	Verified	Approved	Date
1	DA	SJ	CD	23/11/22

Supporting Growth
NoR W3 - Mitigated Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level		PPFs	
dB LAeq(24h)		dB LAeq(24h)	
	55 - 60		< 64
	60 - 65		Other Buildings
	65 - 70		Roads
	> 70		Assessment Area

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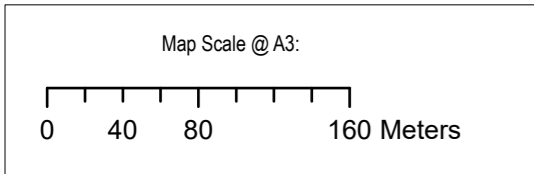
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Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	Supporting Growth NoR W3 - Mitigated Road Traffic Noise

Supporting Growth
NoR W3 - Mitigated Road Traffic Noise

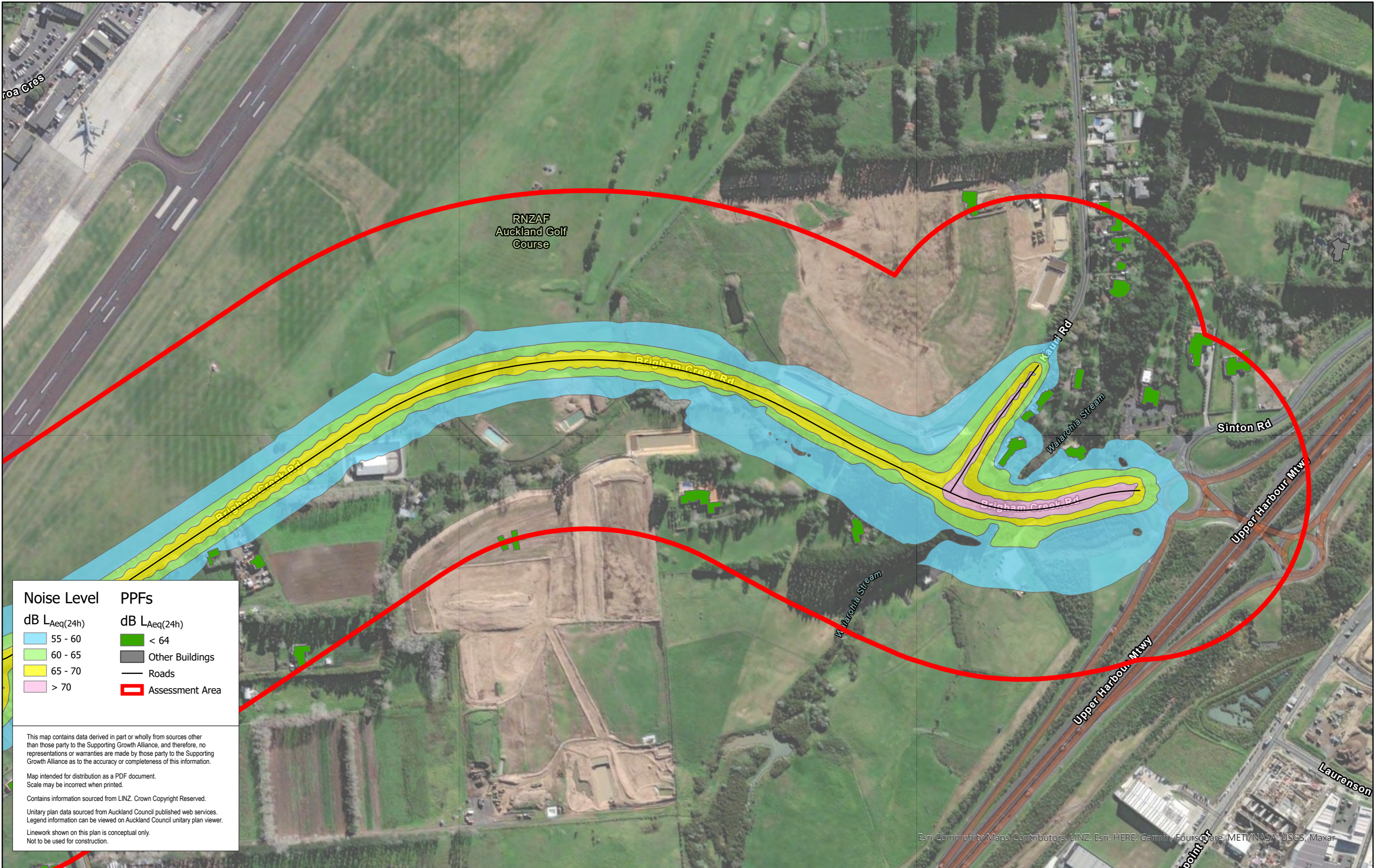
Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Noise Level	PPFs
dB LAeq(24h)	dB LAeq(24h)
55 - 60	< 64
60 - 65	Other Buildings
65 - 70	Roads
> 70	Assessment Area

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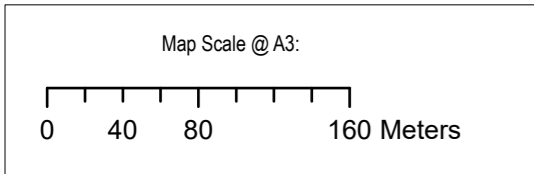
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Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	Supporting Growth NoR W3 - Mitigated Road Traffic Noise

Supporting Growth
NoR W3 - Mitigated Road Traffic Noise

Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Noise Level	PPFs Altered
dB $L_{Aeq}(24h)$	dB $L_{Aeq}(24h)$
55 - 60	< 64
60 - 65	Other Buildings
65 - 70	Road
> 70	Assessment Area

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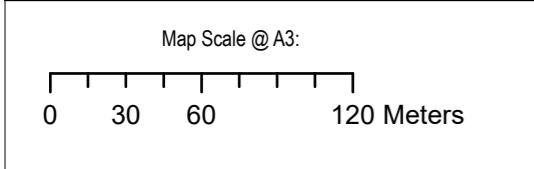
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Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W4 - Existing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level	PPFs Altered
dB $L_{Aeq}(24h)$	dB $L_{Aeq}(24h)$
55 - 60	< 64
60 - 65	Other Buildings
65 - 70	Road
> 70	Assessment Area

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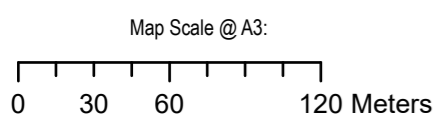
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Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W4 - Existing Road Traffic Noise

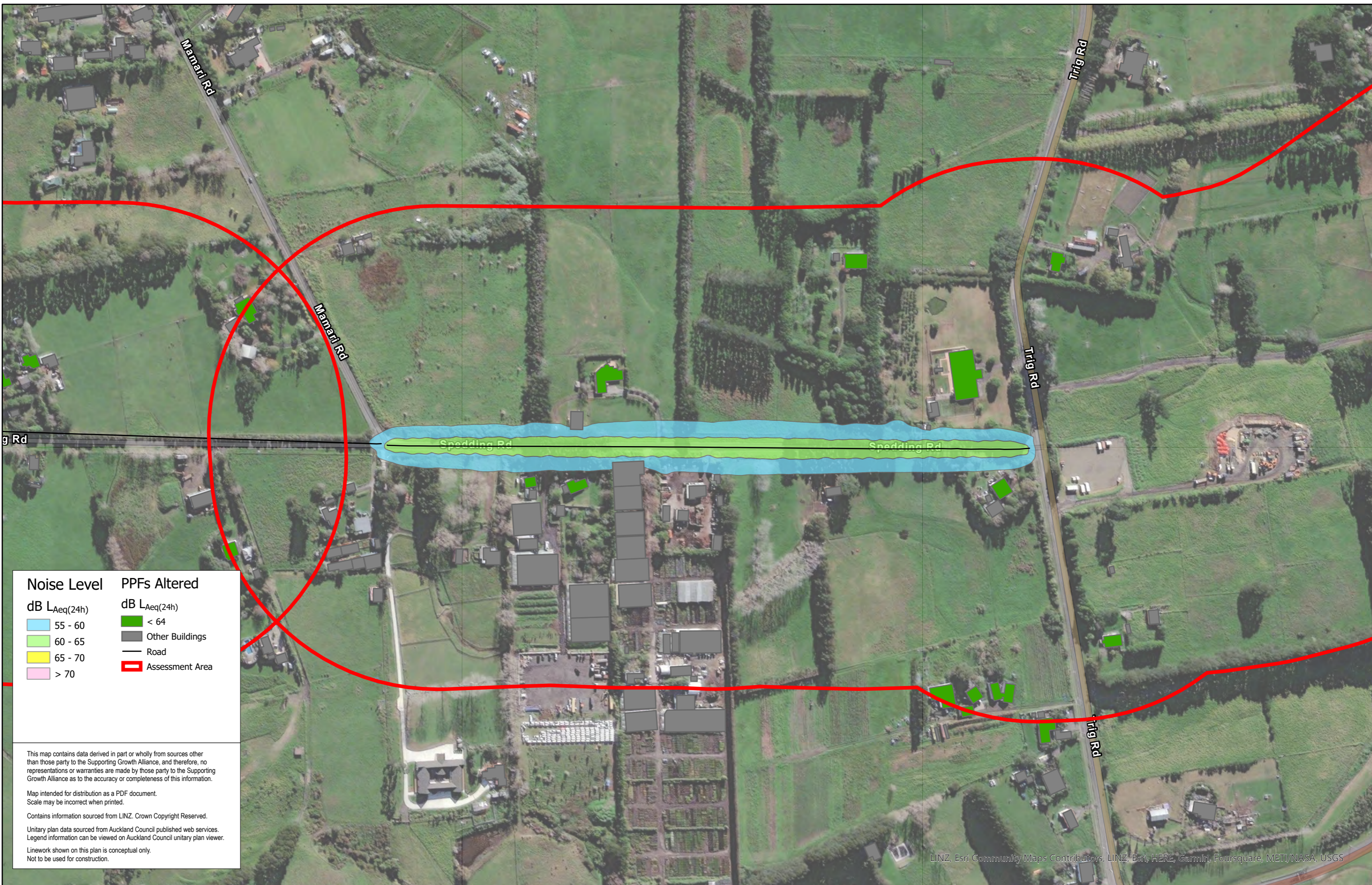
Client: Supporting Growth

Project: North West Package



Discipline: GIS

Drawing No: SGA-NOR-W1-000



Noise Level	PPFs Altered
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	Other Buildings
65 - 70	Road
> 70	Assessment Area

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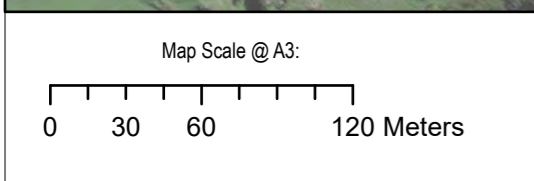
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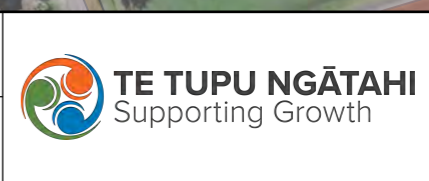
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Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W4 - Existing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



PPFs New		PPFs Altered	
dB $L_{Aeq}(24h)$	< 57	dB $L_{Aeq}(24h)$	< 64
	57 - 64		Other Buildings
Noise Level			Road
dB $L_{Aeq}(24h)$			Assessment Area
	55 - 60		
	60 - 65		
	65 - 70		
	> 70		

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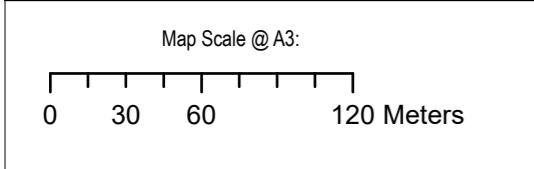
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Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W4 - Existing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



PPFs New	PPFs Altered
dB LAeq(24h)	dB LAeq(24h)
 < 57	 < 64
Noise Level	 Other Buildings
dB LAeq(24h)	 Road
 55 - 60	 Assessment Area
 60 - 65	
 65 - 70	
 > 70	

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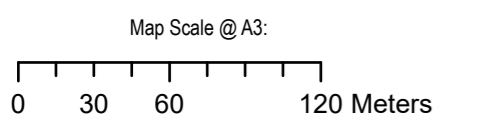
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1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W4 - Existing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level

dB LAeq(24h)

- 55 - 60
- 60 - 65
- 65 - 70
- > 70

PPFs Altered

dB LAeq(24h)

- < 64
- 64 - 67
- Other Buildings
- Road
- Assessment Area

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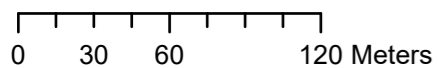
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Map Scale @ A3:



Revision	Author	Verified	Approved	Date
1	DA	SJ	CD	23/11/22

Title:

Supporting Growth
NoR W4 - Do Nothing Road Traffic Noise

Client:

Supporting Growth

Project:

North West Package



Discipline:

GIS

Drawing No:

SGA-NOR-W1-000



Noise Level	PPFs Altered
dB LAeq(24h)	dB LAeq(24h)
 55 - 60	 < 64
 60 - 65	 Other Buildings
 65 - 70	 Road
 > 70	 Assessment Area

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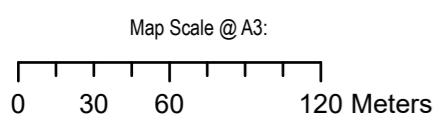
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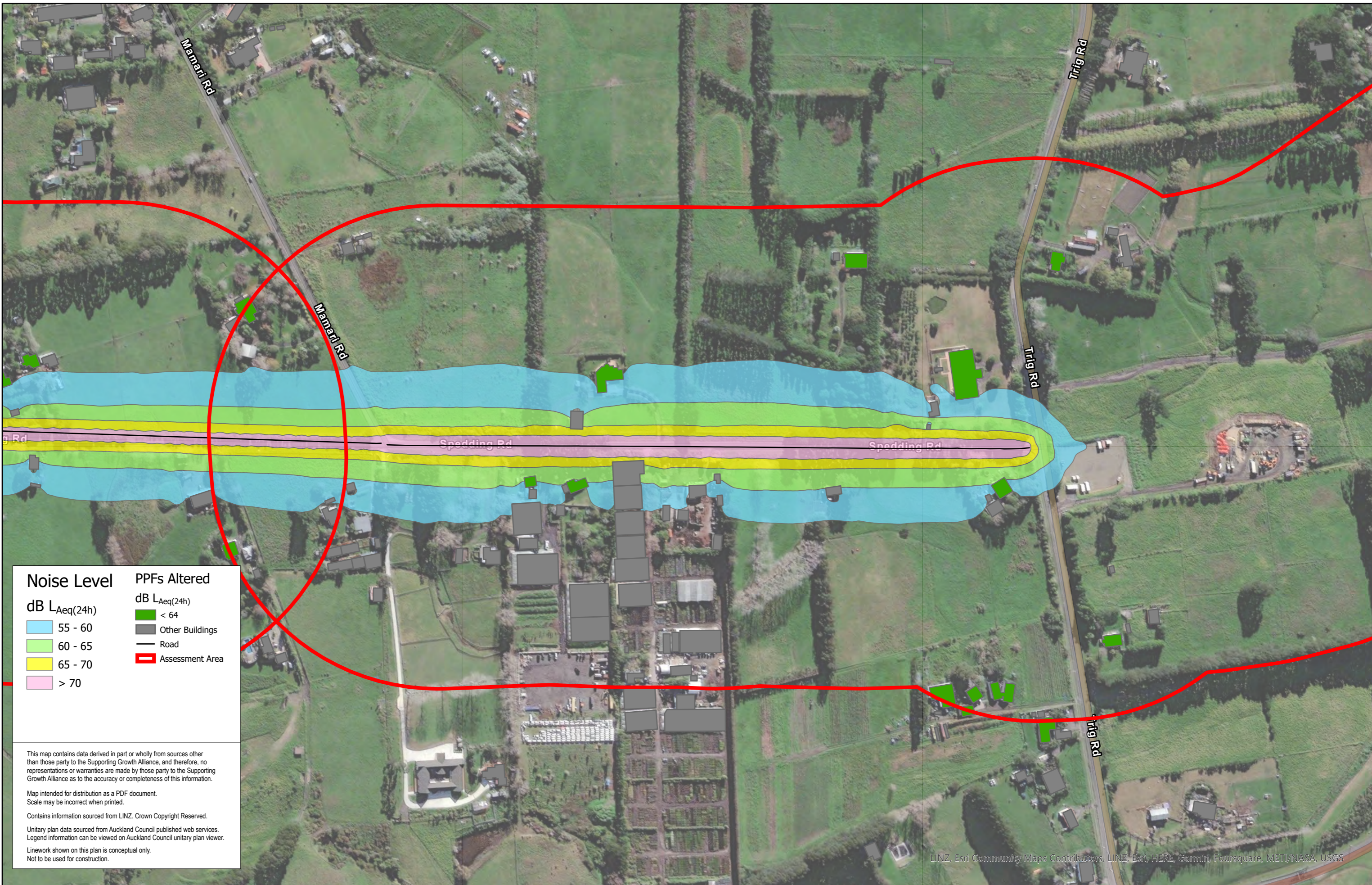


Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	Supporting Growth NoR W4 - Do Nothing Road Traffic Noise

Client:	Supporting Growth
Project:	North West Package



Discipline:	GIS
Drawing No:	SGA-NOR-W1-000



Noise Level dB LAeq(24h)	PPFs Altered dB LAeq(24h)
 55 - 60	 < 64
 60 - 65	 Other Buildings
 65 - 70	 Road
 > 70	 Assessment Area

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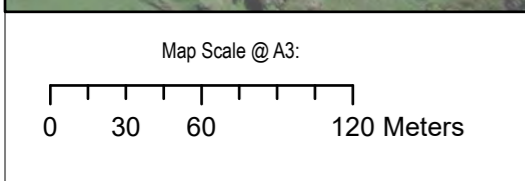
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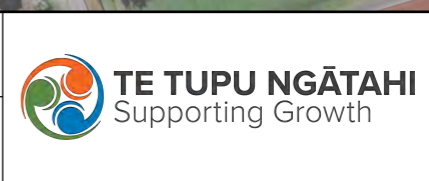


Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	Supporting Growth NoR W4 - Do Nothing Road Traffic Noise

Supporting Growth
NoR W4 - Do Nothing Road Traffic Noise

Client: **Supporting Growth**

Project: **North West Package**



Discipline: **GIS**

Drawing No: **SGA-NOR-W1-000**



PPFs New	PPFs Altered
dB LAeq(24h)	dB LAeq(24h)
 < 57	 < 64
 57 - 64	 Other Buildings
Noise Level	 Road
dB LAeq(24h)	 Assessment Area
 55 - 60	
 60 - 65	
 65 - 70	
 > 70	

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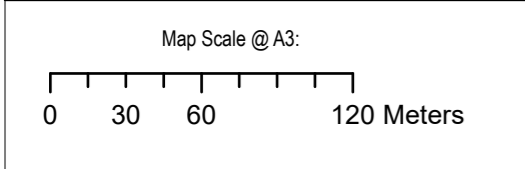
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Revision	Author	Verified	Approved	Date
1	DA	SJ	CD	23/11/22

Supporting Growth
NoR W4 - Do Nothing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



- | | |
|--|---|
| PPFs New | PPFs Altered |
| dB L _{Aeq(24h)} | dB L _{Aeq(24h)} |
| ■ < 57 | ■ < 64 |
| Noise Level | ■ Other Buildings |
| dB L _{Aeq(24h)} | — Road |
| ■ 55 - 60 | — Assessment Area |
| ■ 60 - 65 | |
| ■ 65 - 70 | |
| ■ > 70 | |

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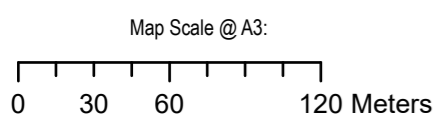
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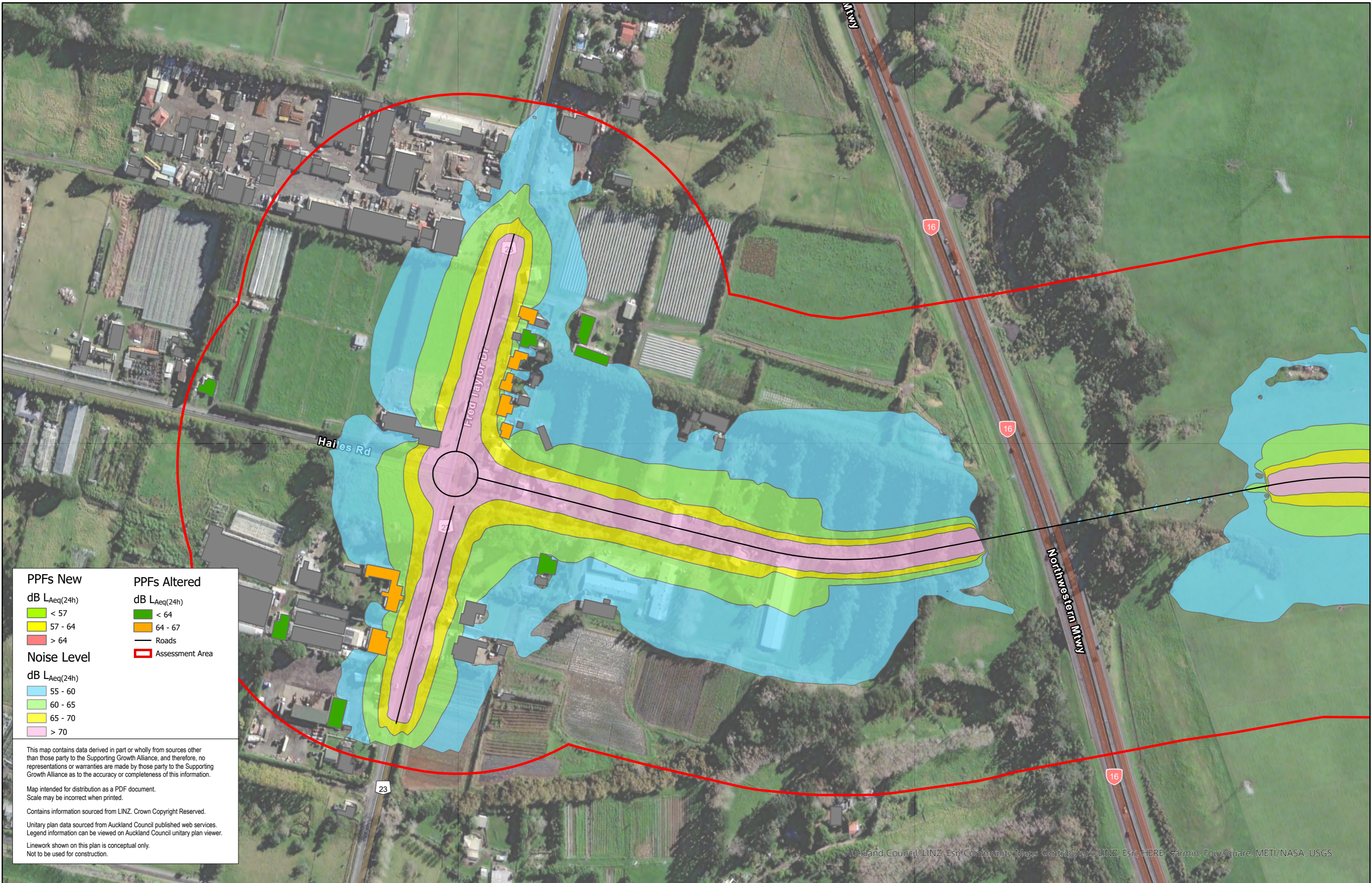
Revision	Author	Verified	Approved	Date
1	DA	SJ	CD	23/11/22

Supporting Growth
NoR W4 - Do Nothing Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



PPFs New		PPFs Altered	
dB LAeq(24h)		dB LAeq(24h)	
	< 57		< 64
	57 - 64		64 - 67
	> 64		Roads
Noise Level		Assessment Area	
dB LAeq(24h)			
	55 - 60		
	60 - 65		
	65 - 70		
	> 70		

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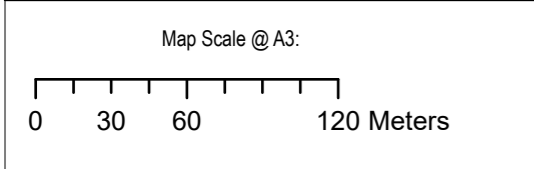
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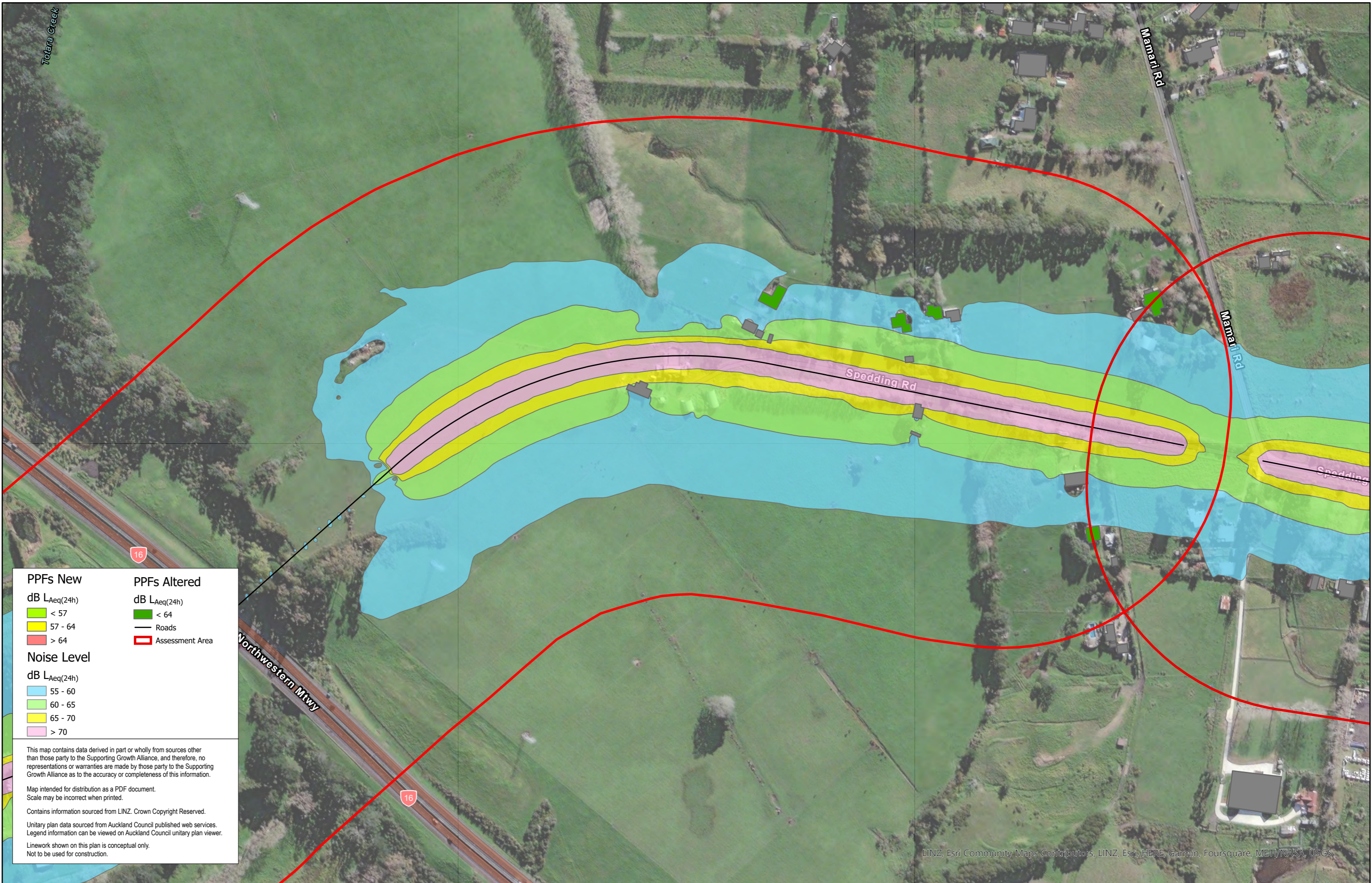
Revision	Author	Verified	Approved	Date
1	DA	SJ	CD	23/11/22



Supporting Growth
NoR W4 - Do Minimum Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



PPFs New		PPFs Altered	
dB LAeq(24h)		dB LAeq(24h)	
	< 57		< 64
	57 - 64		Roads
	> 64		Assessment Area

Noise Level	
dB LAeq(24h)	
	55 - 60
	60 - 65
	65 - 70
	> 70

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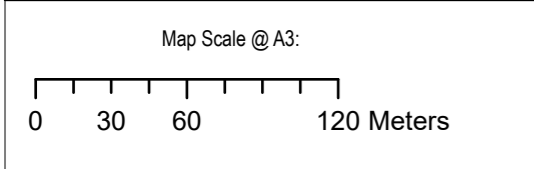
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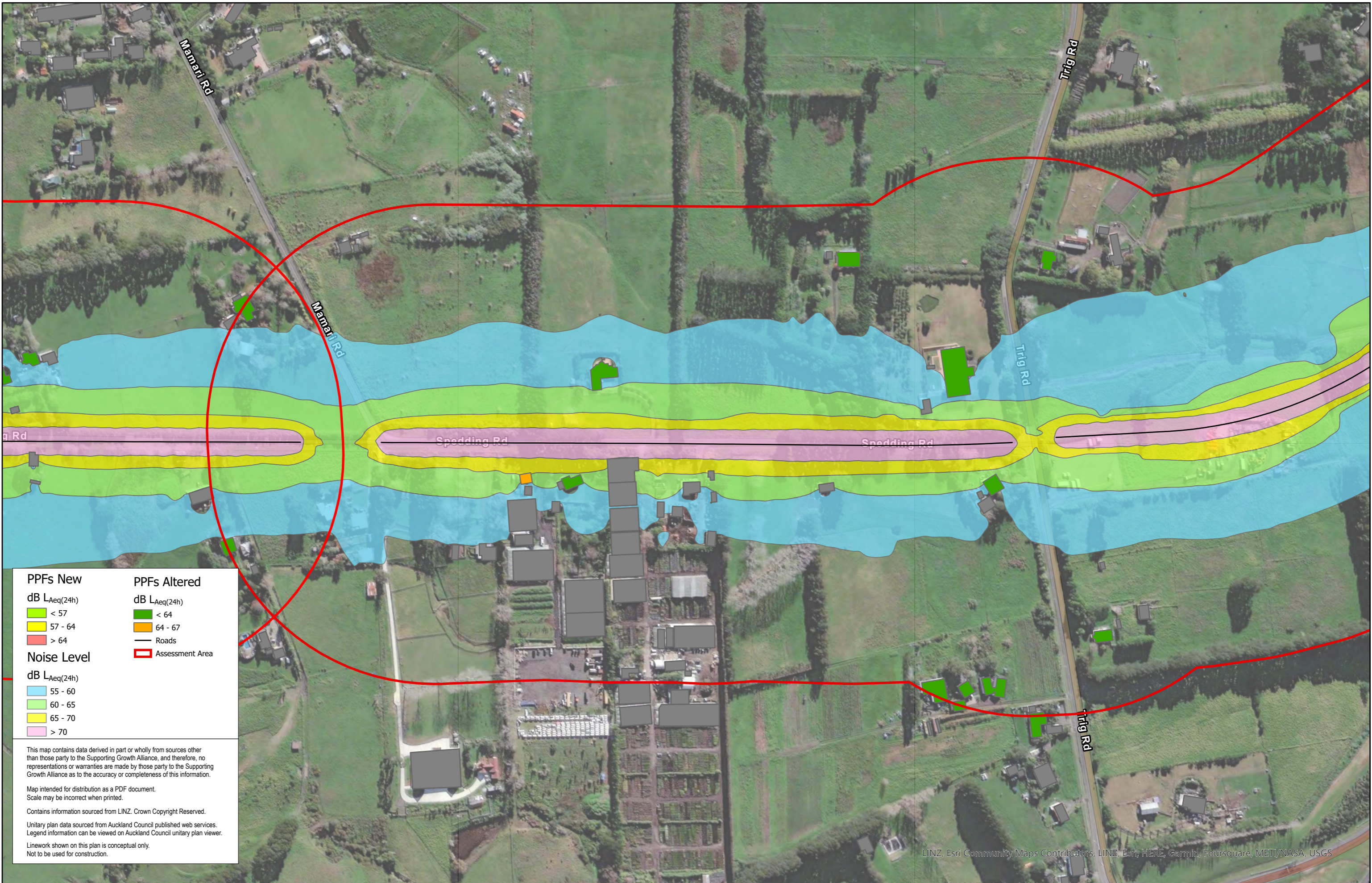
Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W4 - Do Minimum Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



PPFs New	PPFs Altered
dB LAeq(24h)	dB LAeq(24h)
 < 57	 < 64
 57 - 64	 64 - 67
 > 64	— Roads
Noise Level	 Assessment Area
dB LAeq(24h)	
 55 - 60	
 60 - 65	
 65 - 70	
 > 70	

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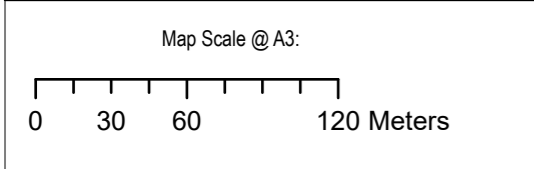
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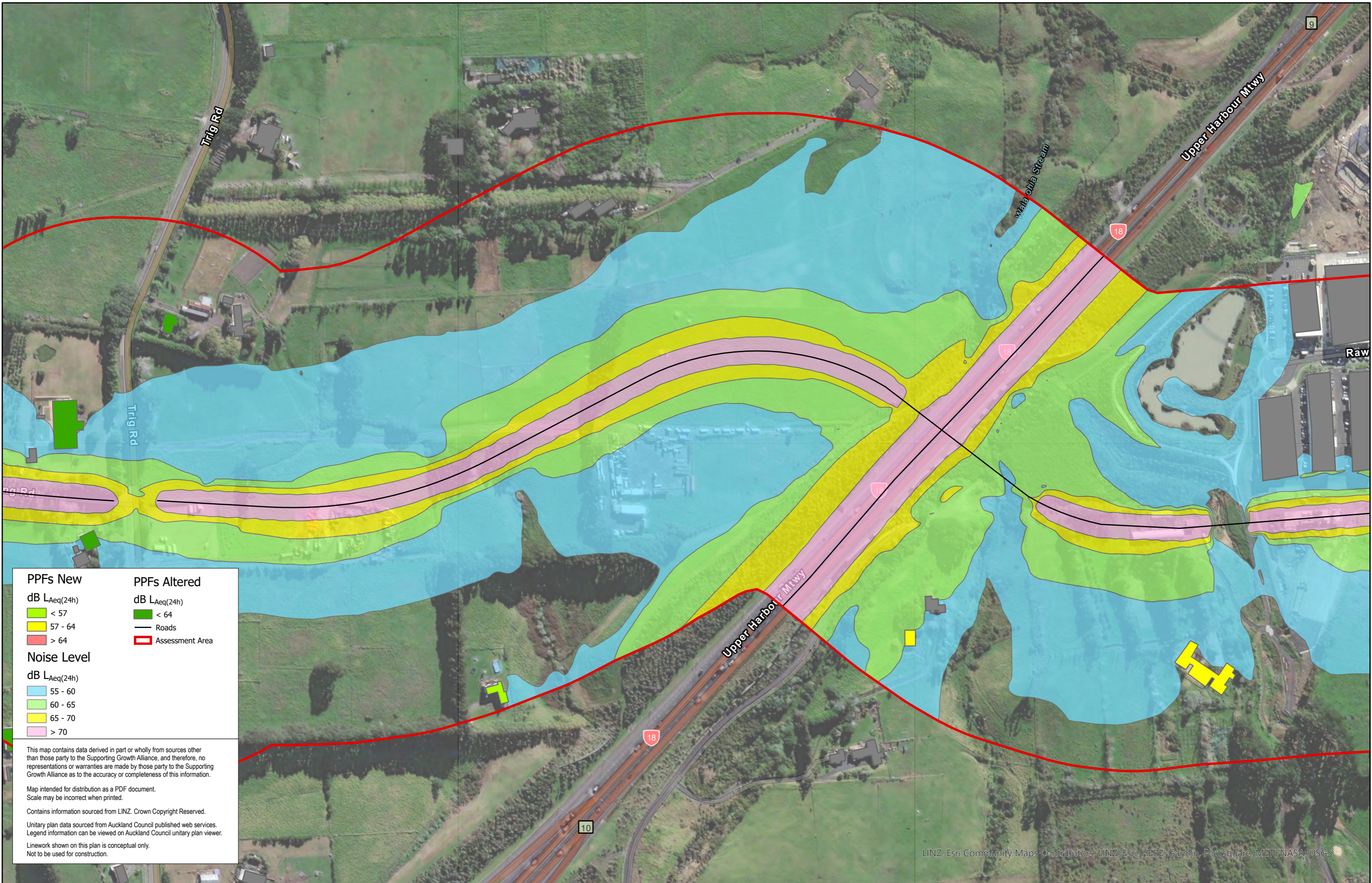
Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	



Supporting Growth
NoR W4 - Do Minimum Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



PPFs New		PPFs Altered	
dB LAeq(24h)		dB LAeq(24h)	
	< 57		< 64
	57 - 64		Roads
	> 64		Assessment Area
Noise Level			
dB LAeq(24h)			
	55 - 60		
	60 - 65		
	65 - 70		
	> 70		

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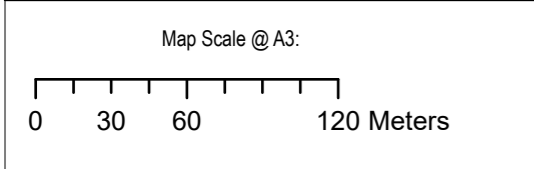
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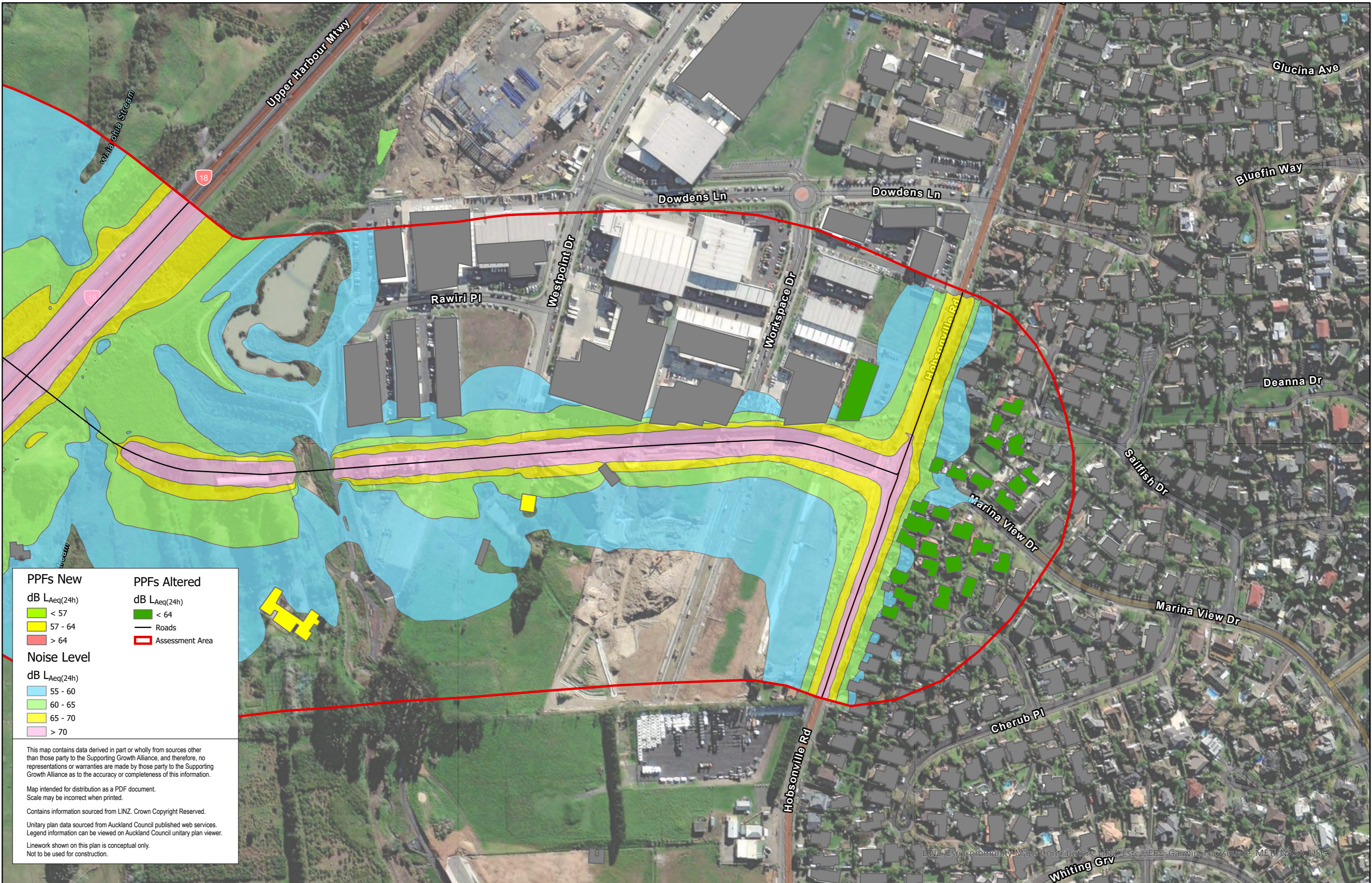
Revision	Author	Verified	Approved	Date	Title:
1	DA	SJ	CD	23/11/22	

Supporting Growth
NoR W4 - Do Minimum Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



PPFs New

dB LAeq(24h)

- < 57
- 57 - 64
- > 64

Noise Level

dB LAeq(24h)

- 55 - 60
- 60 - 65
- 65 - 70
- > 70

PPFs Altered

dB LAeq(24h)

- < 64

- Roads
- Assessment Area

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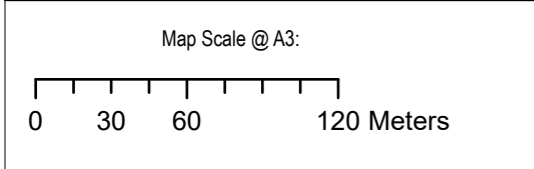
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Client: Supporting Growth

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Noise Level	PPFs Altered
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	Other Buildings
65 - 70	Roads
> 70	Assessment Area

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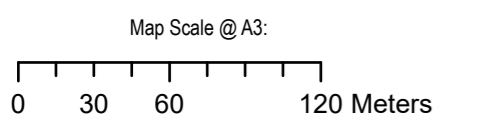
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Supporting Growth
NoR W4 - Mitigated Road Traffic Noise

Client: Supporting Growth
Project: North West Package



Discipline: GIS
Drawing No: SGA-NOR-W1-000



Noise Level	PPFs Altered
dB L _{Aeq} (24h)	dB L _{Aeq} (24h)
55 - 60	< 64
60 - 65	Other Buildings
65 - 70	Roads
> 70	Assessment Area

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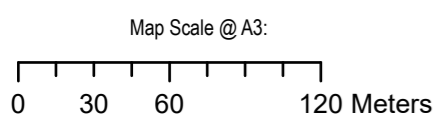
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Supporting Growth

NoR W4 - Mitigated Road Traffic Noise

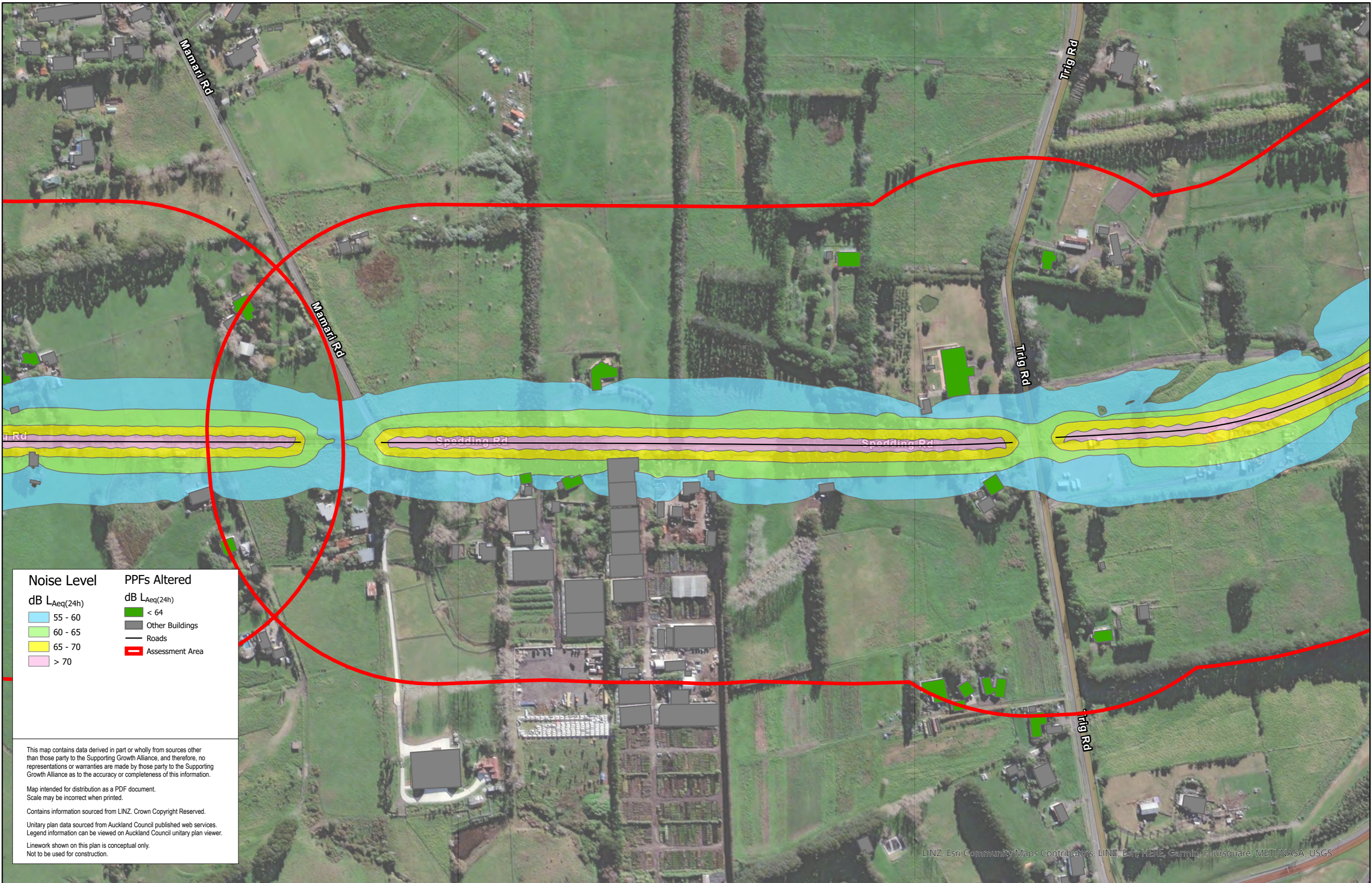
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Project: North West Package



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Noise Level		PPFs Altered	
dB L _{Aeq} (24h)		dB L _{Aeq} (24h)	
	55 - 60		< 64
	60 - 65		Other Buildings
	65 - 70		Roads
	> 70		Assessment Area

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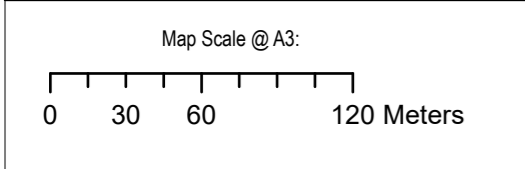
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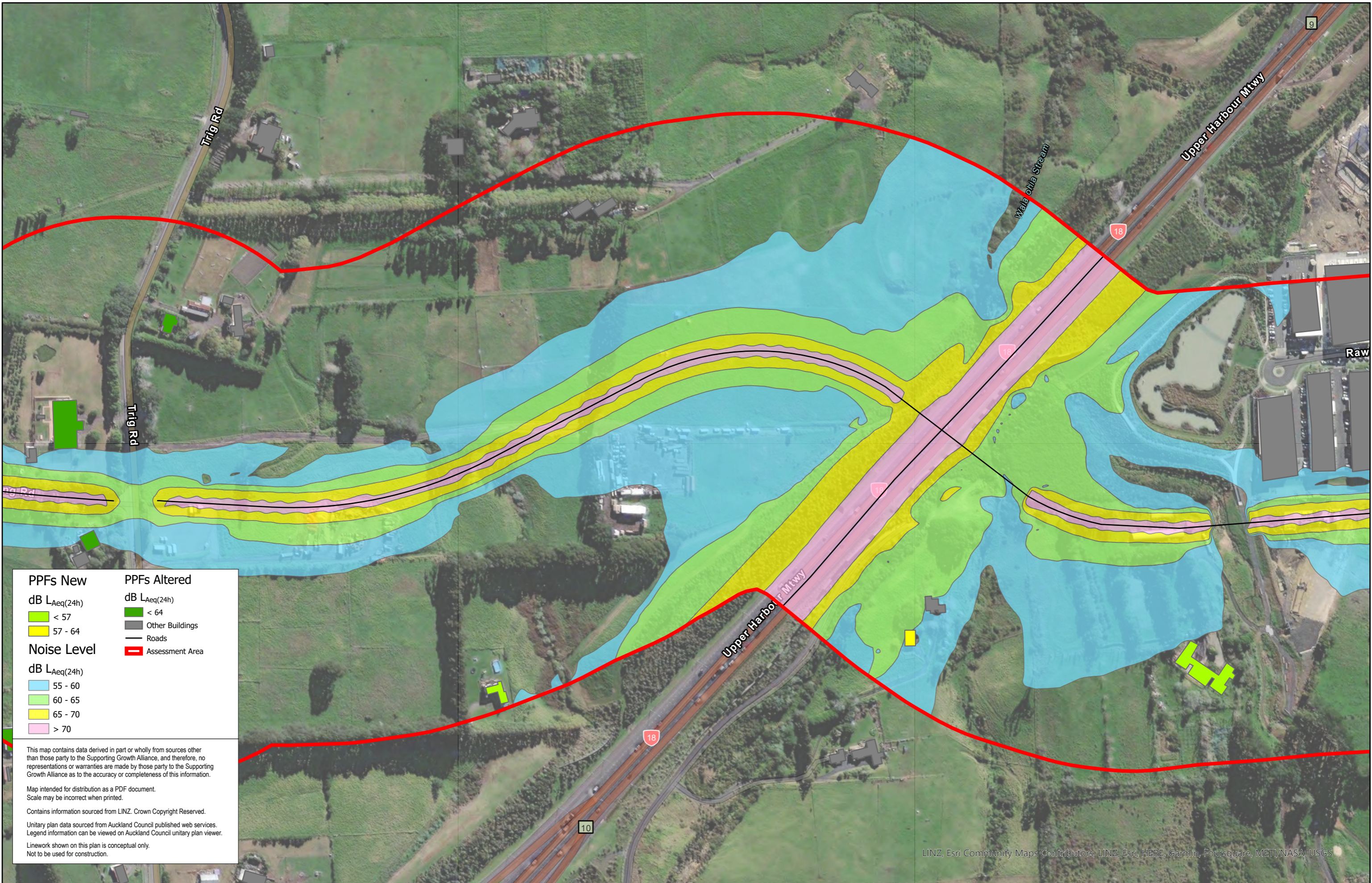
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PPFs New	PPFs Altered
dB $L_{Aeq}(24h)$	dB $L_{Aeq}(24h)$
 < 57	 < 64
 57 - 64	 Other Buildings
Noise Level	 Roads
dB $L_{Aeq}(24h)$	 Assessment Area
 55 - 60	
 60 - 65	
 65 - 70	
 > 70	

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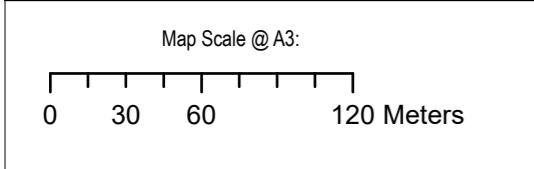
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PPFs New	PPFs Altered
dB LAeq(24h)	dB LAeq(24h)
 < 57	 < 64
 57 - 64	 Other Buildings
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dB LAeq(24h)	 Assessment Area
 55 - 60	
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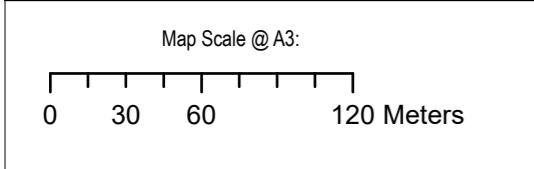
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