Appendix D5

Report 610.14718R1 Construction Noise Predictions Tunnelling/Excavation





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Project No.:	510.14718	
Date:	08/12/2015	
Drawn by:	MR	
Scale:	1:5,000	
Sheet Size:	@A4	
Protection:	GDA 1994 MGA Zone 56	

-- Receiver Area

Construction Area

Acquired Building

Worst-case Exceedance of NML

150 m 0 dB - 10 dB 10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Daytime





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Scale:	1;5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

--- Receiver Area



Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB 150 m



10 dB - 20 dB



Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Day OOH





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Scale:	1;5,000	
Sheet Size:	@A4	
Projection:	GDA 1994 MGA Zone 56	

--- Receiver Area



Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB 10 dB - 20 dB 150 m



> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Evening





2 LINCOLN STR LANE CO AUSTRA T: +61 2 9427 8 F: +61 2 0

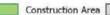
The content contained within this document may be base on third party data. SLR Consulting Australia Pty Ltd does not guarantee the accuracy of such information.

Project No.)	510.14718
Date:	08/12/2015
Drawn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56



--- Receiver Area

150 m



Acquired Building

Worst-case Exceedance of NML

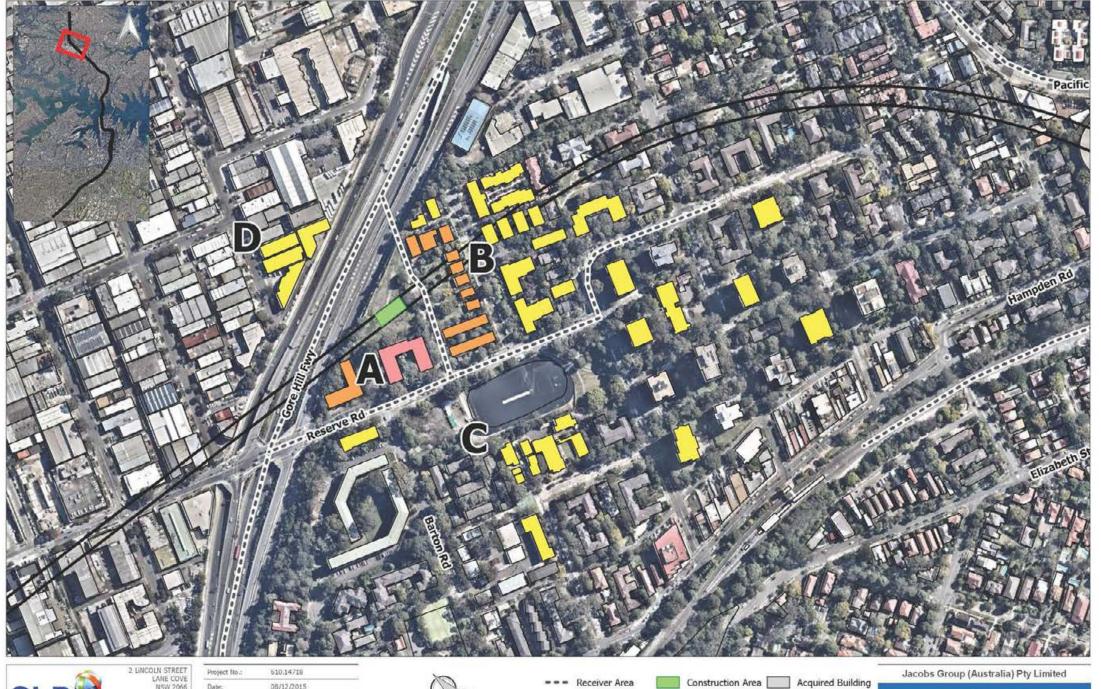


10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Night





accuracy of such information.

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LANE COVE
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Scale:	1:4,000
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Projection:	GDA 1994 MGA Zone 56



100 m

Worst-case Exceedance of NML



10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation – Daytime





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Project No.:	510.14718	
Date:	08/12/2015	
Drawn by:	MR	
Scale:	1:4,000	
Sheet Size:	et Size: @A4	
Projection:	GDA 1994 MGA Zone 56	

-- Receiver Area

Construction Area

Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m

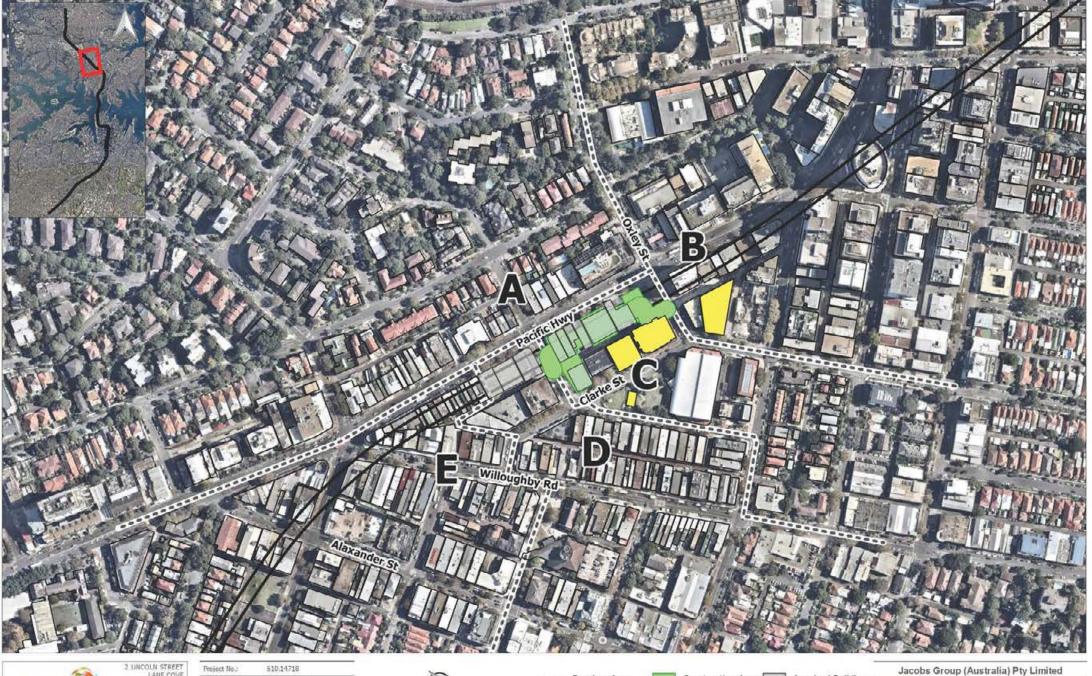
10 dB - 20 dB

> 20 dB

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime





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510.14718
08/12/2015
MR
1:4,000
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GDA 1994 MGA Zone 56

=== Receiver Area



Acquired Building

Worst-case Exceedance of NML

100 m

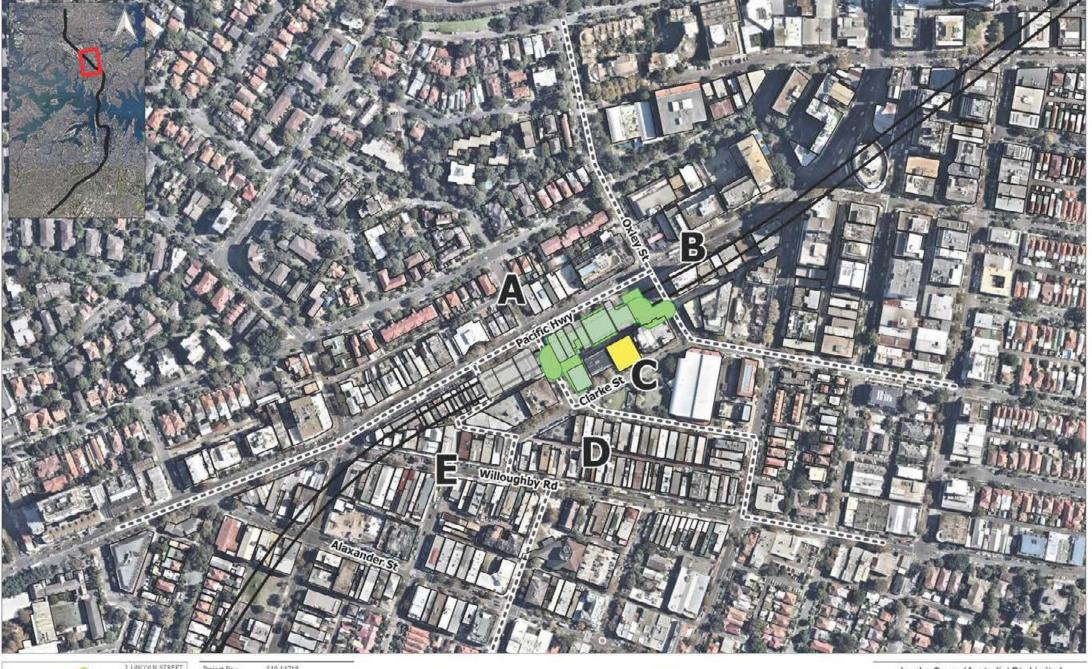
0 dB - 10 dB

10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Day OOH





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Project No.:	610.14718	
Date:	08/12/2015	
Drawn by:	MR	
Scale:	1;4,000	
Sheet Size:	@44	
Projection:	GDA 1994 MGA Zone 56	

--- Receiver Area



Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m

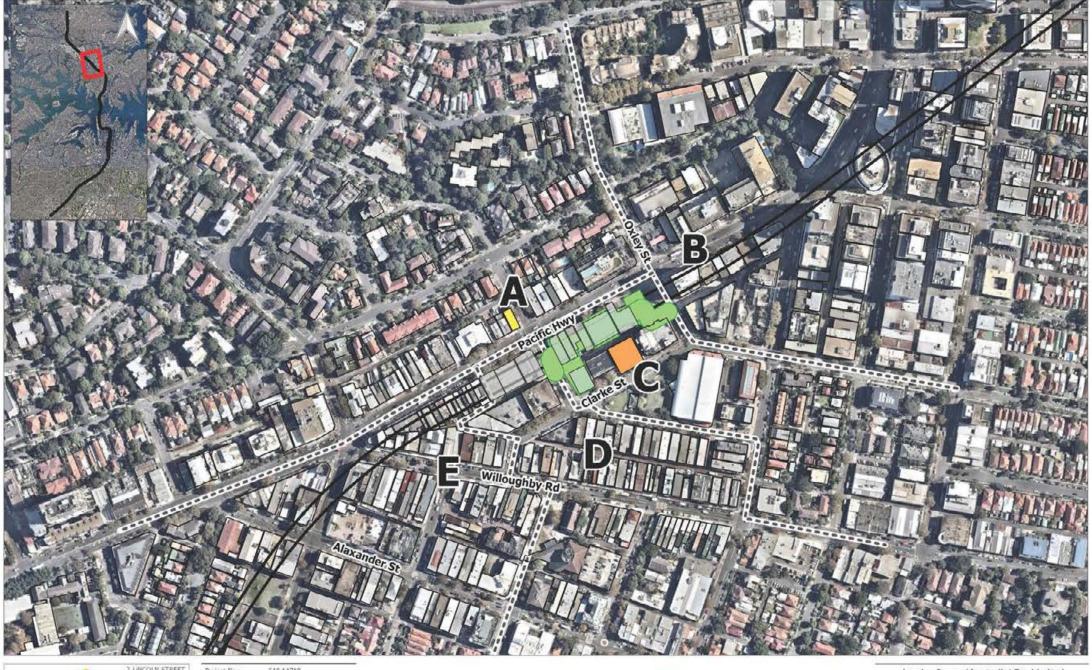
10 dB - 20 dB

> 20 dB

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening

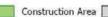




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Project No.:	610.14718	
Date:	08/12/2015	
Drawn by:	MR	
Scale:	1;4,000	
Sheet Size:	@44	
Projection:	GDA 1994 MGA Zone 56	

--- Receiver Area



Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m

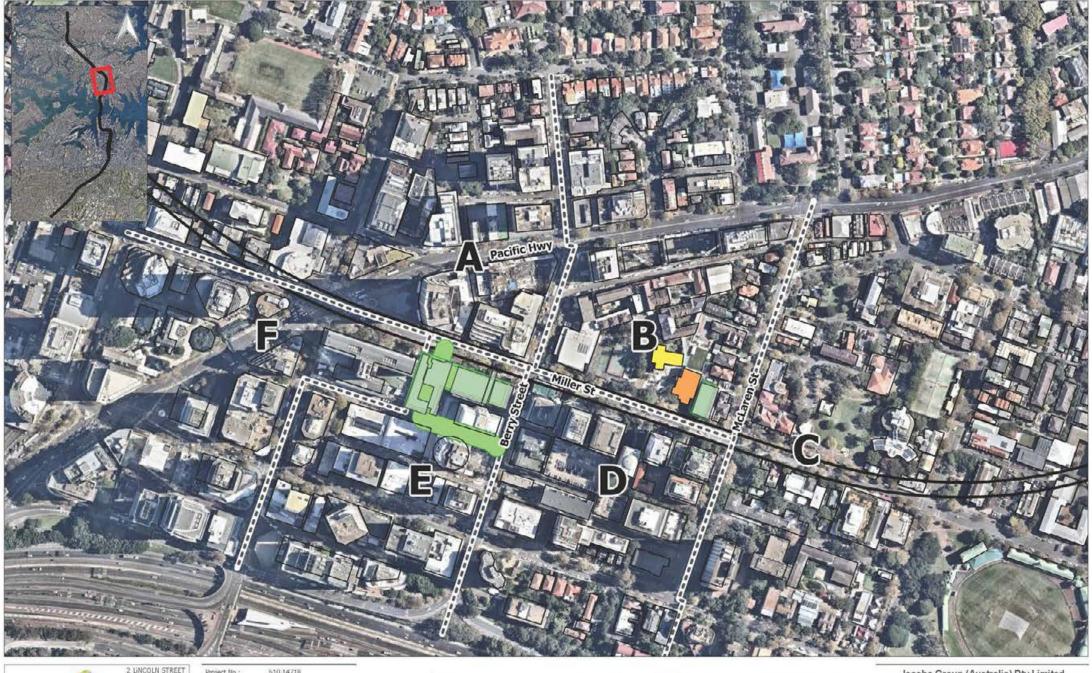
10 dB - 20 dB



Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Night





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Date:	08/12/2015	
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Scale:	1:4,000	
Sheet Size:	@A4	
Projection:	GDA 1994 MGA Zone 56	

100 m

-- Receiver Area

0 dB - 10 dB

Worst-case Exceedance of NML

Construction Area

Acquired Building

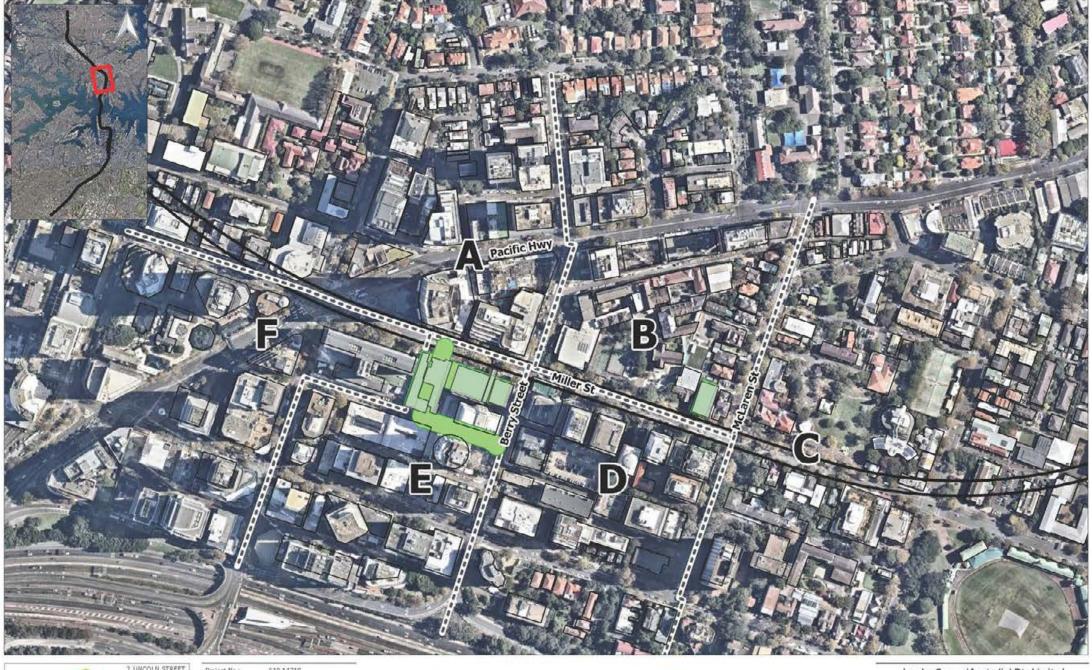
10 dB - 20 dB

> 20 dB

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime





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N STREET ANE COVE NSW 2066 USTRALIA 9427 8100 1 2 0801 ulting.com	Project No.:	510.14718
	Date:	08/12/2015
	Drewn by:	MR
	Scale:	1:4,000
be based	Sheet Size:	ØA4
ton the	Projection:	GDA 1994 MGA Zone 56

=== Receiver Area

Construction Area

Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m

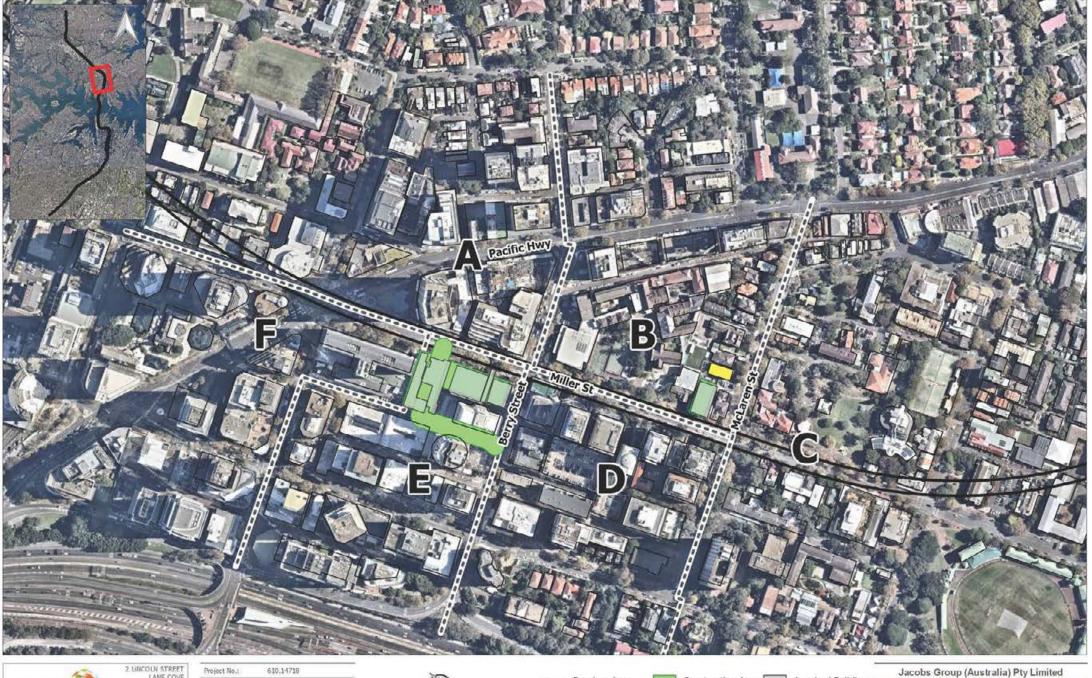
10 dB - 20 dB

> 20 dB

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Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Day OOH





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T PERSONAL RESIDENCES
610.14718
08/12/2015
MR
1:4,000
@A4
GDA 1994 MGA Zone 56

=== Receiver Area

Construction Area

Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m

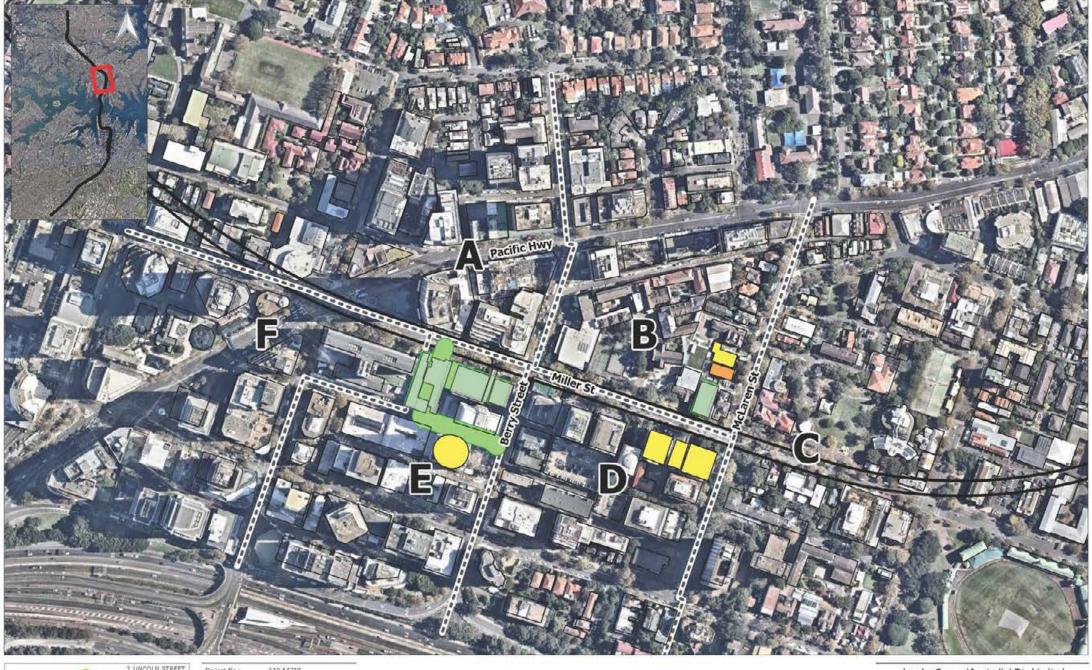


10 dB - 20 dB



Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening





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Date:	08/12/2015
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Scale:	1:4,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone Sb

=== Receiver Area



Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m



10 dB - 20 dB

> 20 dB

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Night





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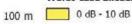
Project No.:	510.14718
Date:	08/12/2015
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Scale:	1:4,000
Sheet Size:	@A1
Projection:	GDA 1994 MGA Zone 56

--- Receiver Area

Construction Area

Acquired Building

Worst-case Exceedance of NML



10 dB - 20 dB

> 20 dB

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Daytime





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Scale:	1:4,000
Sheet Size:	@A1
Projection:	GDA 1994 MGA Zone 56

-- Receiver Area



Construction Area

Acquired Building

Worst-case Exceedance of NML

100 m

0 dB - 10 dB



10 dB - 20 dB



Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime





2 LINCOLN STREET LANE COVE NSW 2066 AUSTRALIA T: +61 2 9427 8100 F: +61 2 0801 moo.gntluenconle.vvvv

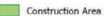
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Projection:	GDA 1994 MGA Zone 56

=== Receiver Area



Acquired Building

Worst-case Exceedance of NML



100 m

10 dB - 20 dB



Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime OOH





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Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

=== Receiver Area



Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m



> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening





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Scale:	1:4,000
Sheet Size:	@A1
Projection:	GDA 1994 MGA Zone 56

=== Receiver Area



Construction Area

Acquired Building

Worst-case Exceedance of NML

100 m

0 dB - 10 dB

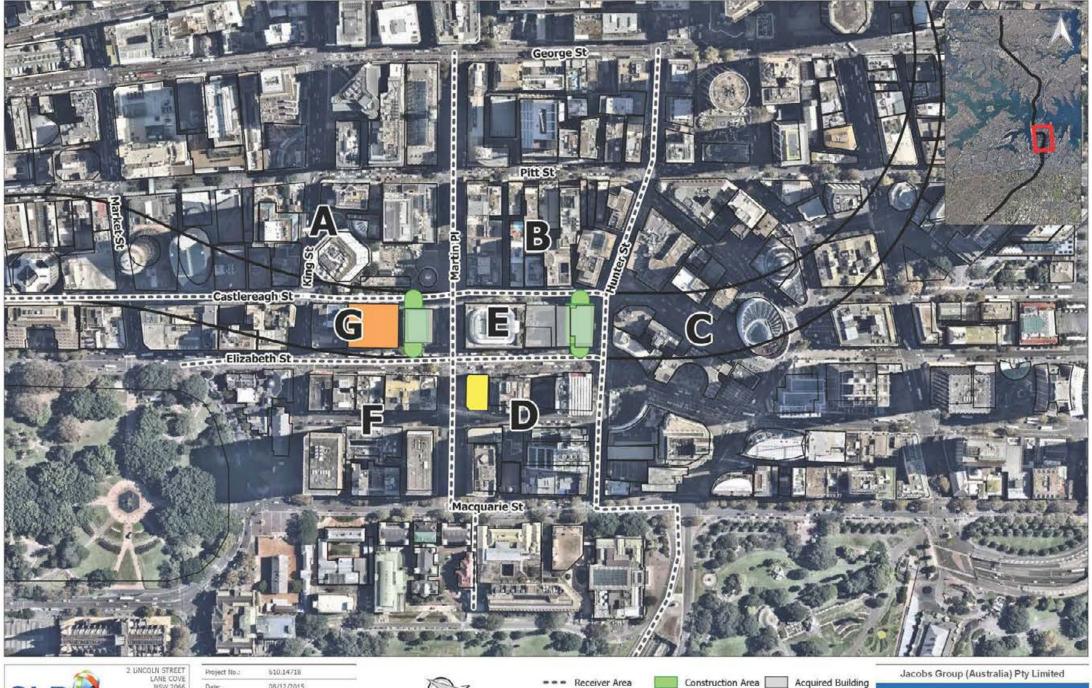
10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions

Worst-case NML Exceedance Excavation with Shed - Night





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Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56



-- Receiver Area

Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

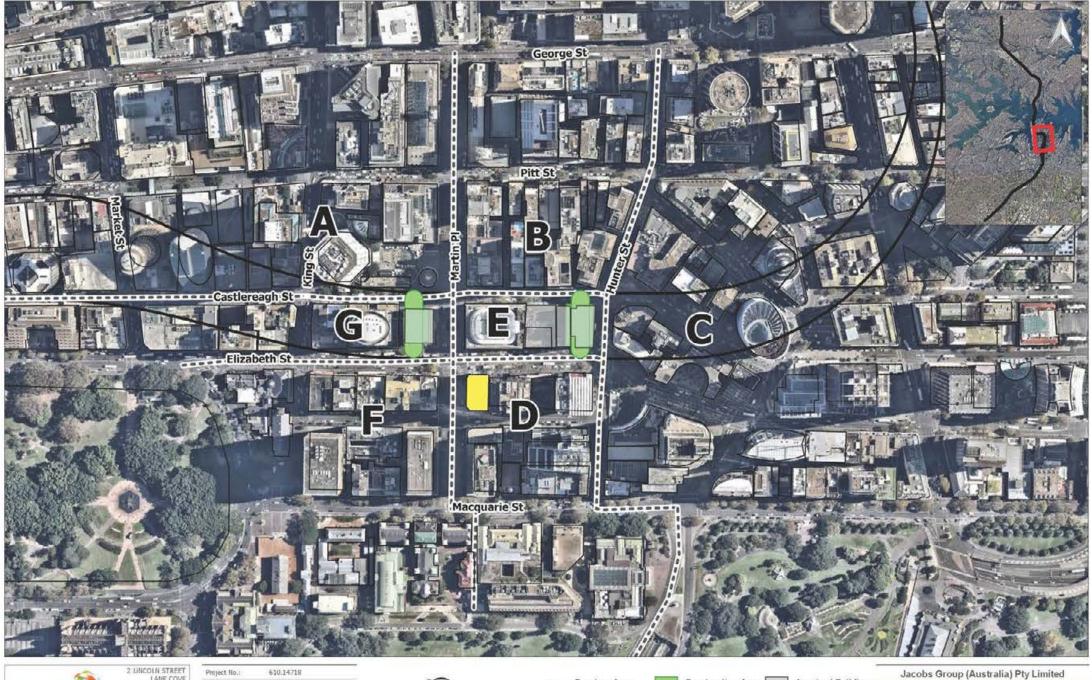
100 m

10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime





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Drawn by:	MR
Scale:	1:4,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56



= = = Receiver Area



Construction Area

Acquired Building

Worst-case Exceedance of NML

100 m

0 dB - 10 dB

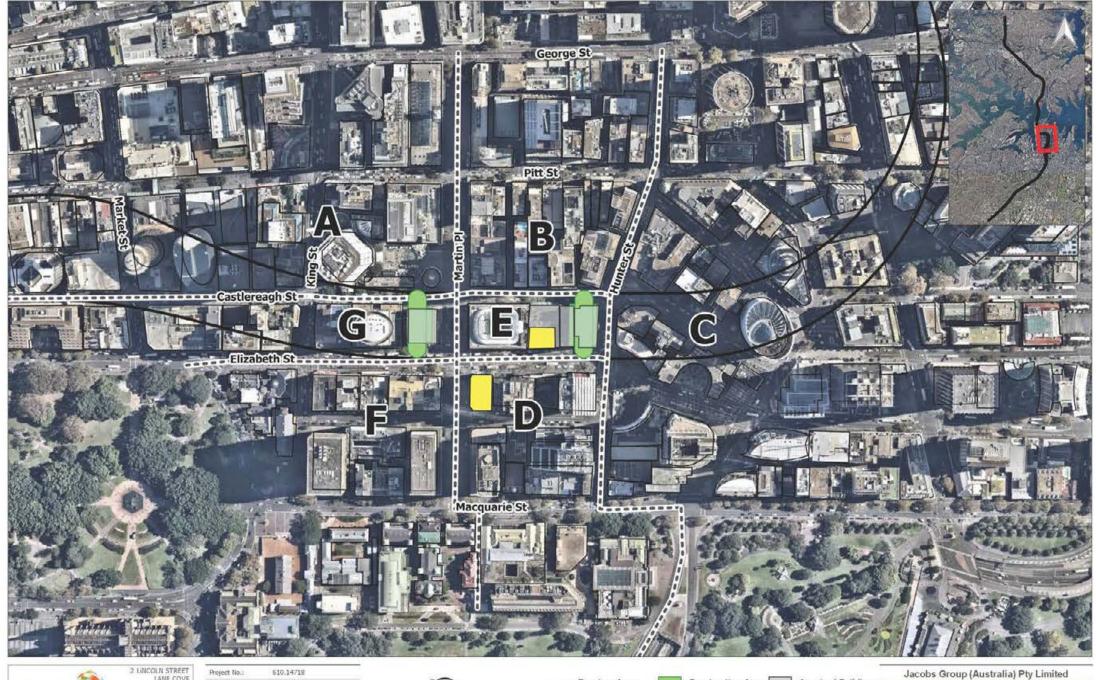


10 dB - 20 dB



Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Day OOH





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Scale:	1:4,000
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Projection:	GDA 1994 MGA Zone 56



--- Receiver Area

Construction Area

Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB

100 m

10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening





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Project No.:	510.14718
Diater:	08/12/2015
Drawn by:	MR
Scale:	1:4,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56



--- Receiver Area

Construction Area

> 20 dB

Acquired Building

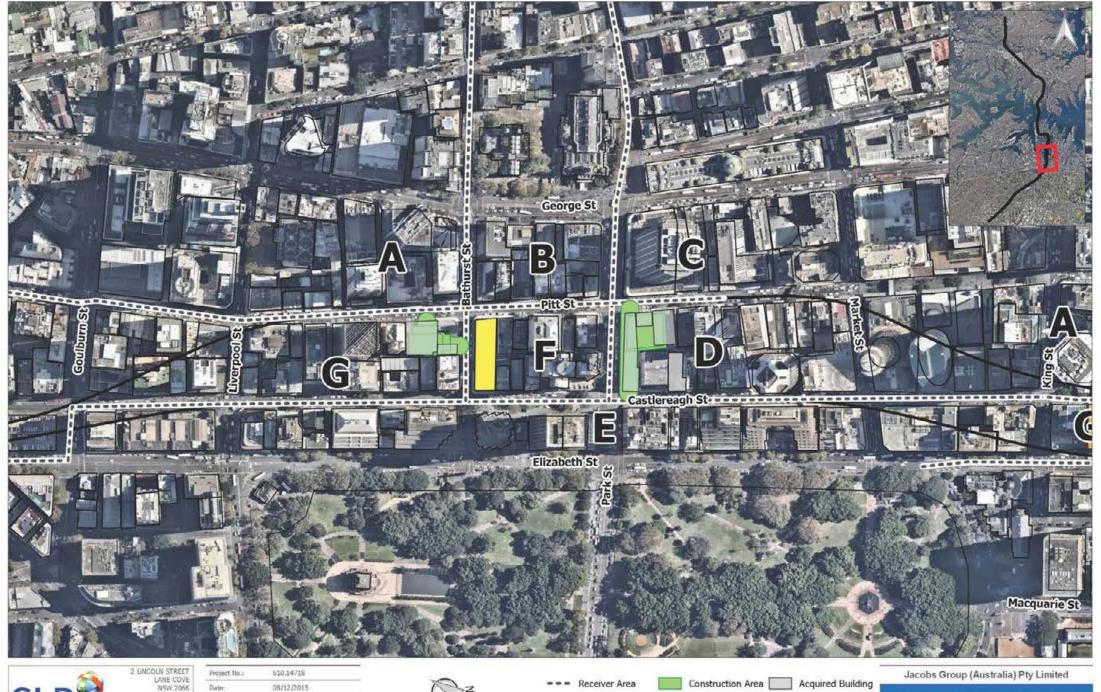
Worst-case Exceedance of NML

0 dB - 10 dB 100 m

10 dB - 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Night





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Date:	08/12/2015
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Scale:	1:4,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

Worst-case Exceedance of NML

100 m

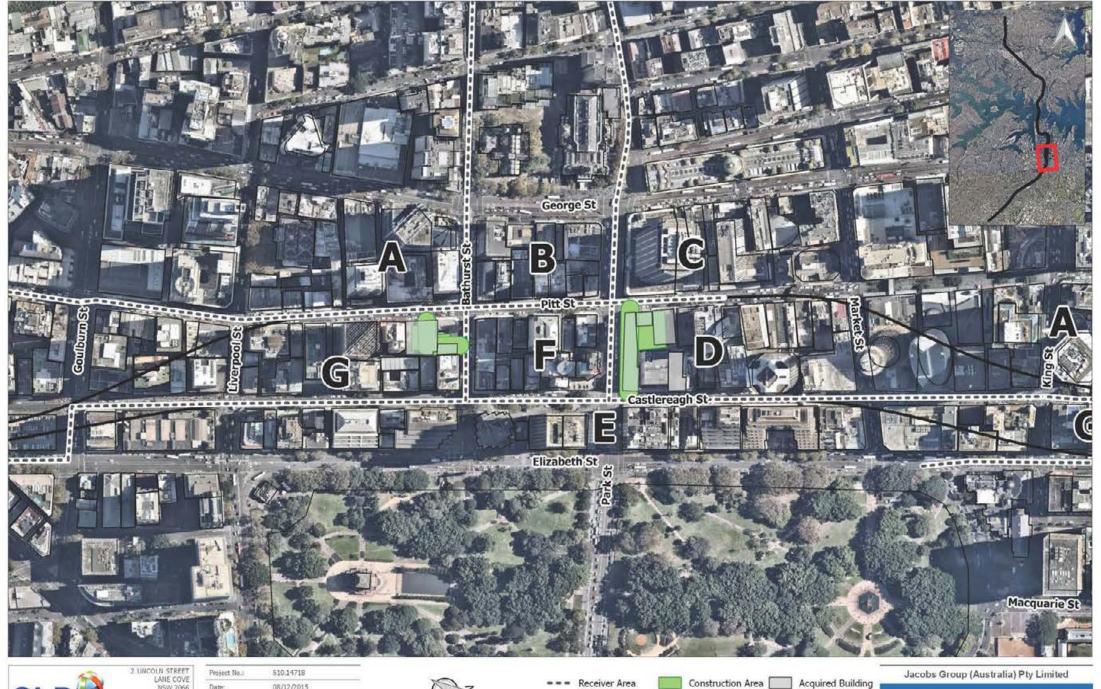
0 dB - 10 dB

10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime





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Project No.:	510.14718
Date:	08/12/2015
Drewn by:	MR
Scale:	1:4,000
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Worst-case Exceedance of NML

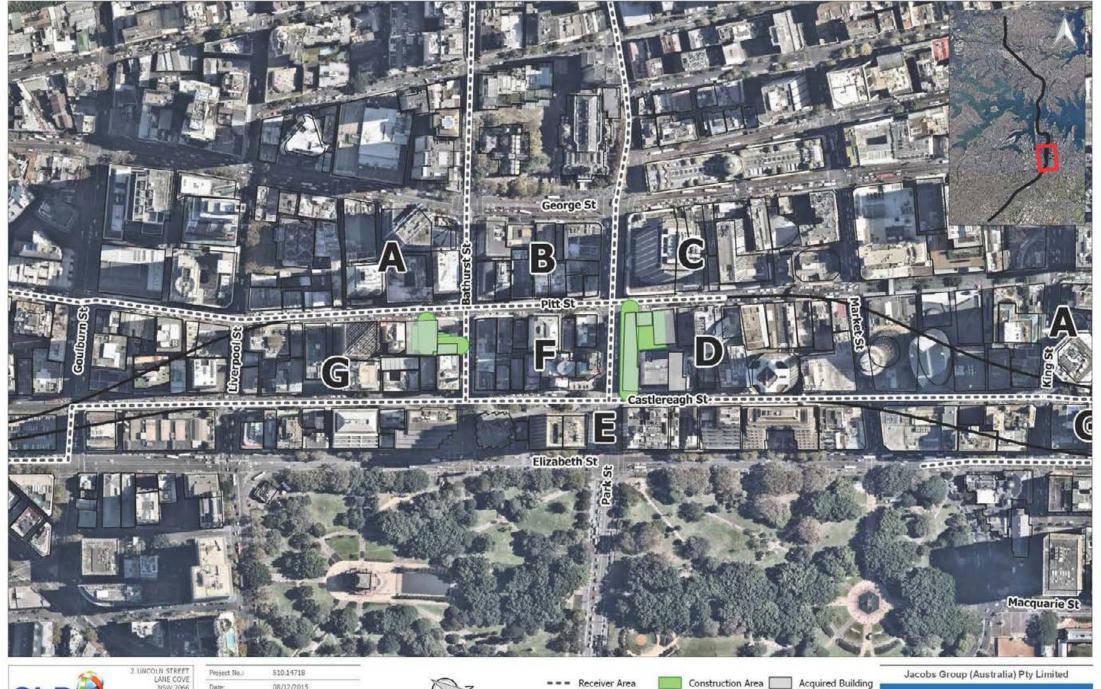
0 dB - 10 dB 100 m

10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Day OOH





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REET	Project No.:	510.14718
2066	Date:	08/12/2015
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	Projection:	GDA 1994 MGA Zone 56





Worst-case Exceedance of NML

0 dB - 10 dB

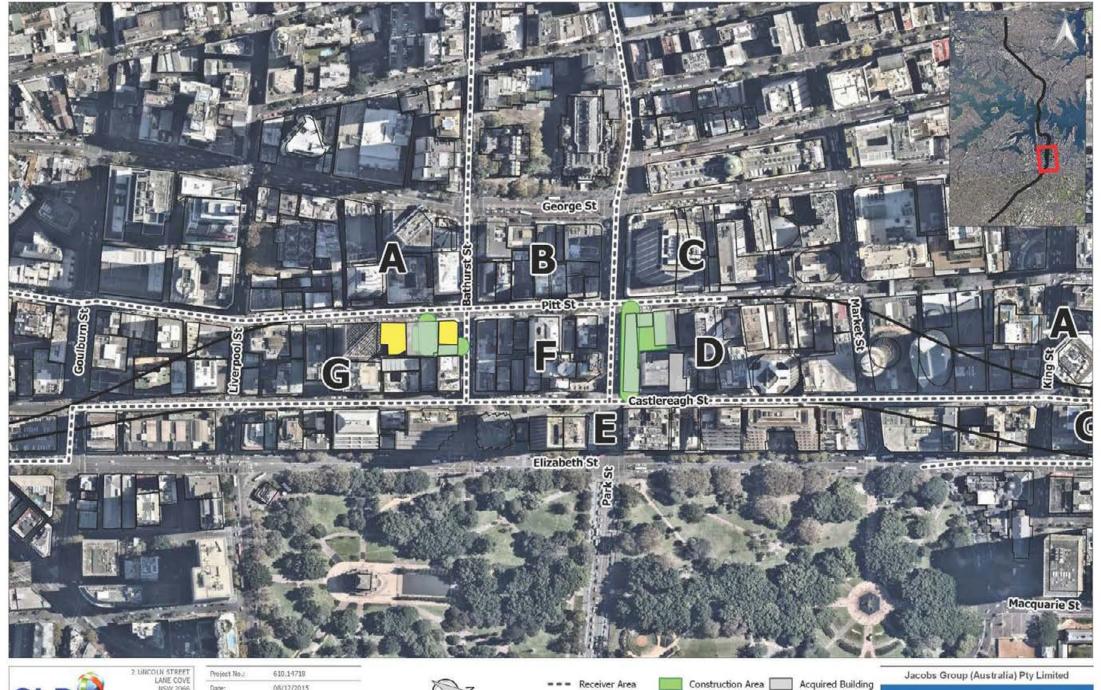
100 m

10 dB - 20 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening





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Project No.:	610.14718
Dane:	08/12/2015
Drawn by:	MR
Scale:	1:4,000
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Projection:	GDA 1994 MGA Zone 56



> 20 dB

Worst-case Exceedance of NML

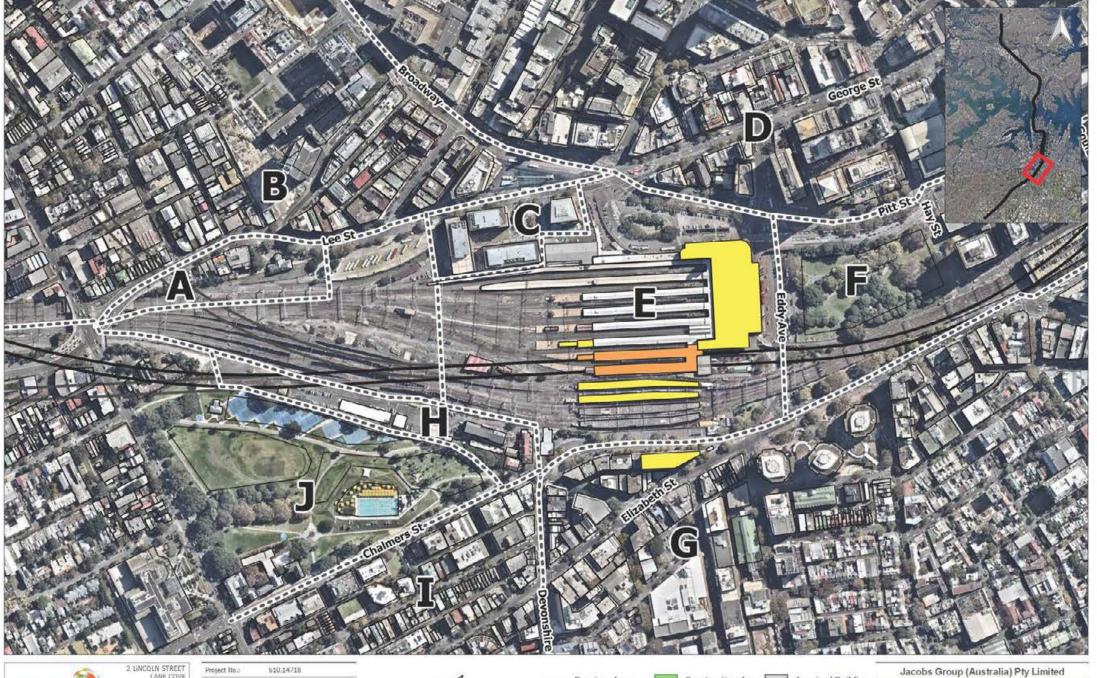
0 dB - 10 dB

100 m

10 dB - 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Night





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Project No.:	510.14718
Date:	08/12/2015
Drawn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

-- Receiver Area

Construction Area

> 20 dB

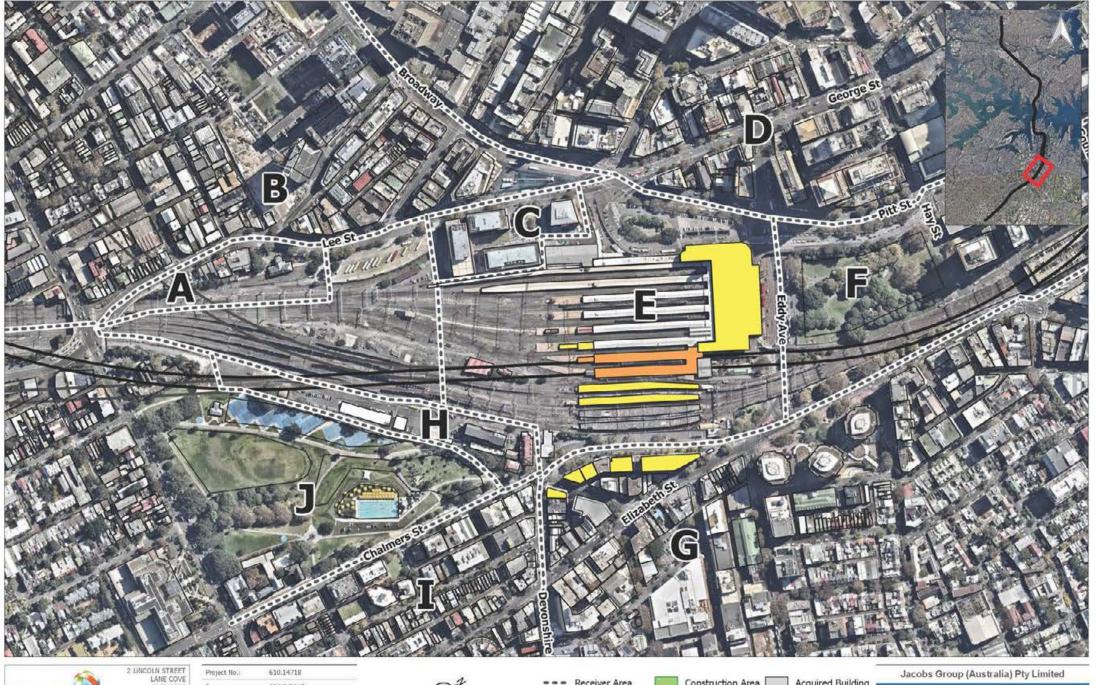
Acquired Building

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Daytime

Worst-case Exceedance of NML

150 m 0 dB - 10 dB 10 dB - 20 dB





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REET	Project No.:	610.14718
2066	Date	08/12/2015
RALIA 8100	Drawn by:	MR
0801 0,com	Scale:	1,5,000
ased	Sheet Size:	@A4
he	Projection:	GDA 1994 MGA Zone 56

= = = Receiver Area



Acquired Building

Worst-case Exceedance of NML 0 dB - 10 dB 10 dB - 20 dB 150 m

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Day OOH





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Project No.:	510.14718
Date:	08/12/2015
Drawn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

=== Receiver Area

Construction Area

Acquired Building

> 20 dB

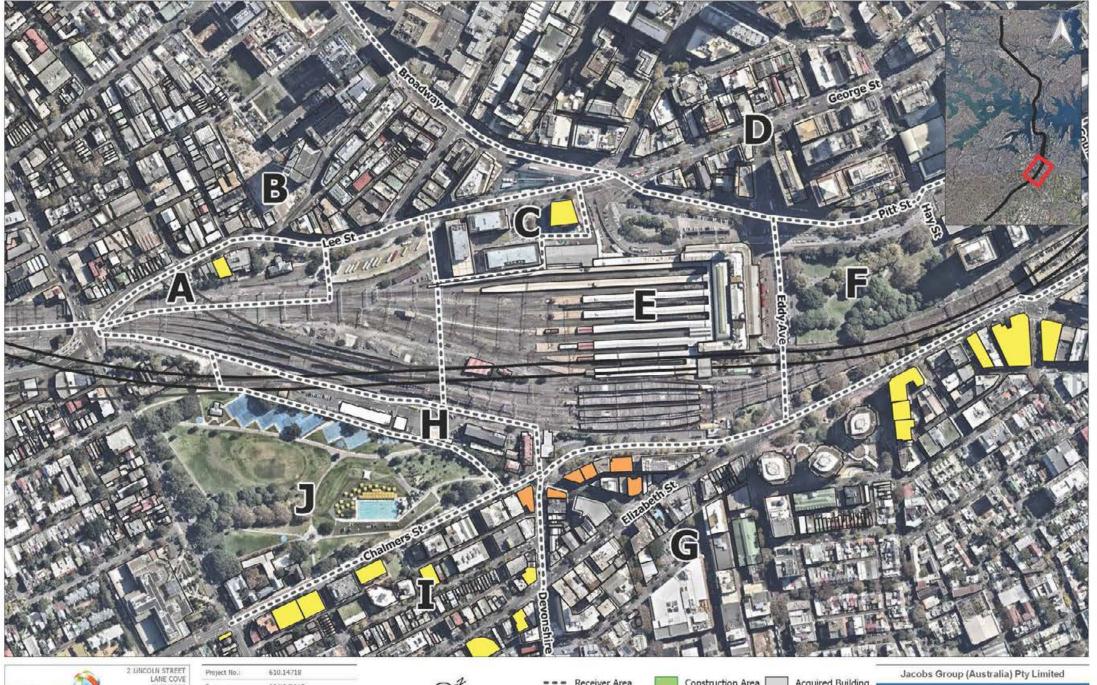
Worst-case Exceedance of NML

150 m 0 dB - 10 dB

10 dB - 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Evening





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STREET E COVE	Project No.:	610.14718
W 2066	Date	08/12/2015
TRALIA 27 8100	Drawn by:	MR
2 0801 brig.com	Scale:	1,5,000
e based	Sheet Size:	@A4
e the	Projection:	GDA 1994 MGA Zone 56

= = = Receiver Area

Construction Area

Acquired Building

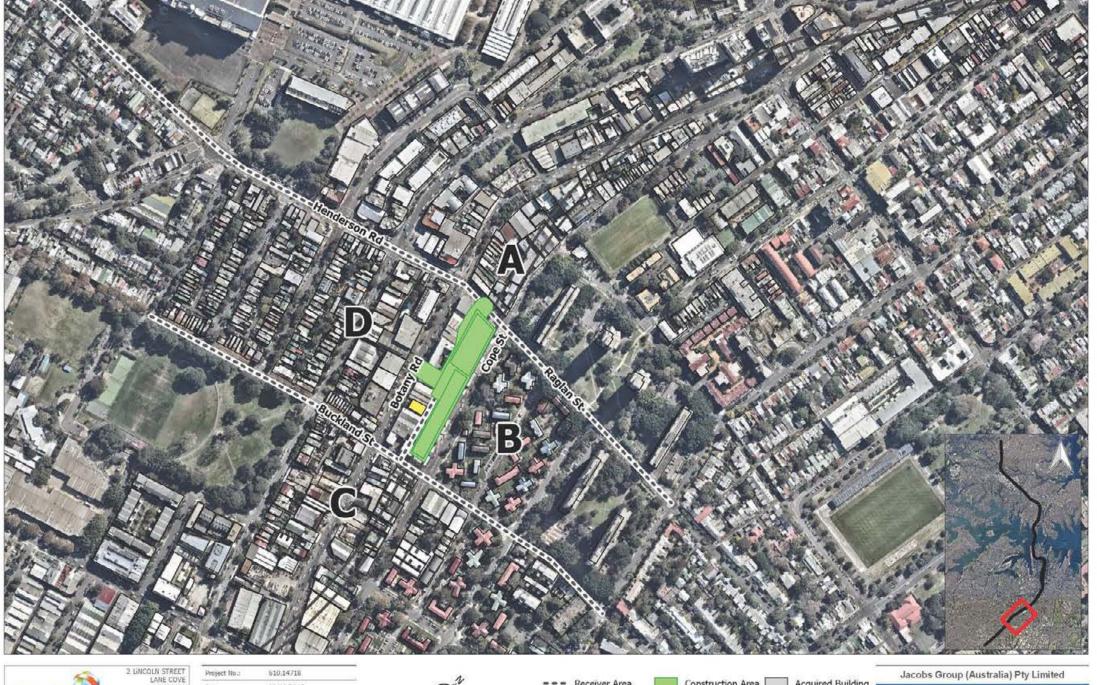
Worst-case Exceedance of NML

0 dB - 10 dB 10 dB - 20 dB 150 m

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation - Night





/ marches /	LANE COVE		
CID	NSW 2066	Date:	08/12/2015
SIR	AUSTRALIA T: +61 2 9427 8100	Drawn by:	MR
JLIX	F: +61 2 0801 www.simonsulting.com	Scale:	1:5,000
The content contained within this do	cument may be based	Sheet Size:	heet Size: @A4
on third party data. SLR Consulting Australia Pty Ltd doe	s not guarantee the	Projection:	GDA 1994 MGA Zone 56
accuracy of such information.			



150 m

--- Receiver Area

0 dB - 10 dB

Worst-case Exceedance of NML

Construction Area

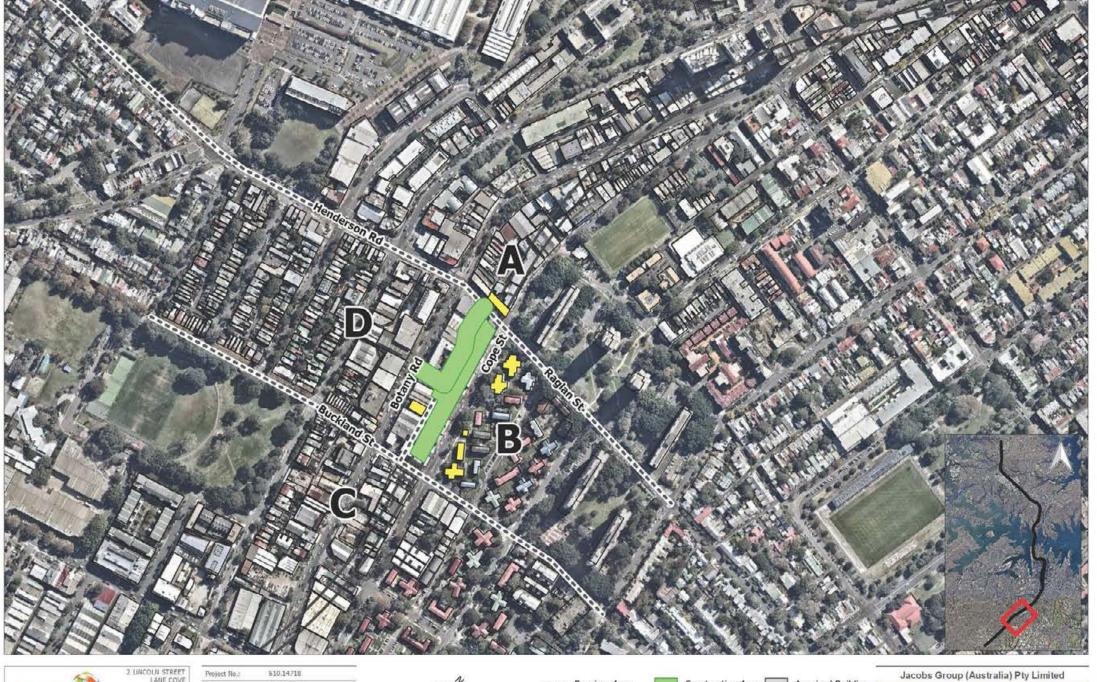
10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Daytime





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Project No.:	510.14718
Date:	08/12/2015
Drewn by:	MR
Scale:	1:5,000
Sheet Size:	ØA4
Projection:	GDA 1994 MGA Zone St

=== Receiver Area

0 dB - 10 dB

150 m

Worst-case Exceedance of NML

Construction Area

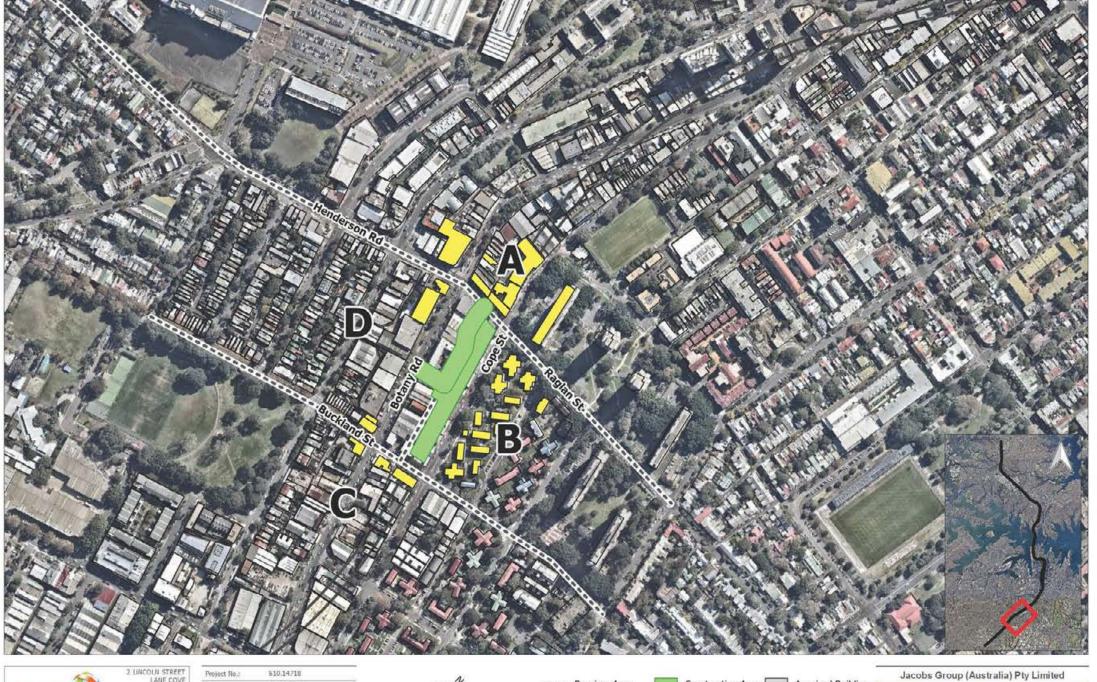
10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Day OOH





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Project No.:	510.14718
Date:	08/12/2015
Drewn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone Sb



=== Receiver Area

Construction Area

Acquired Building

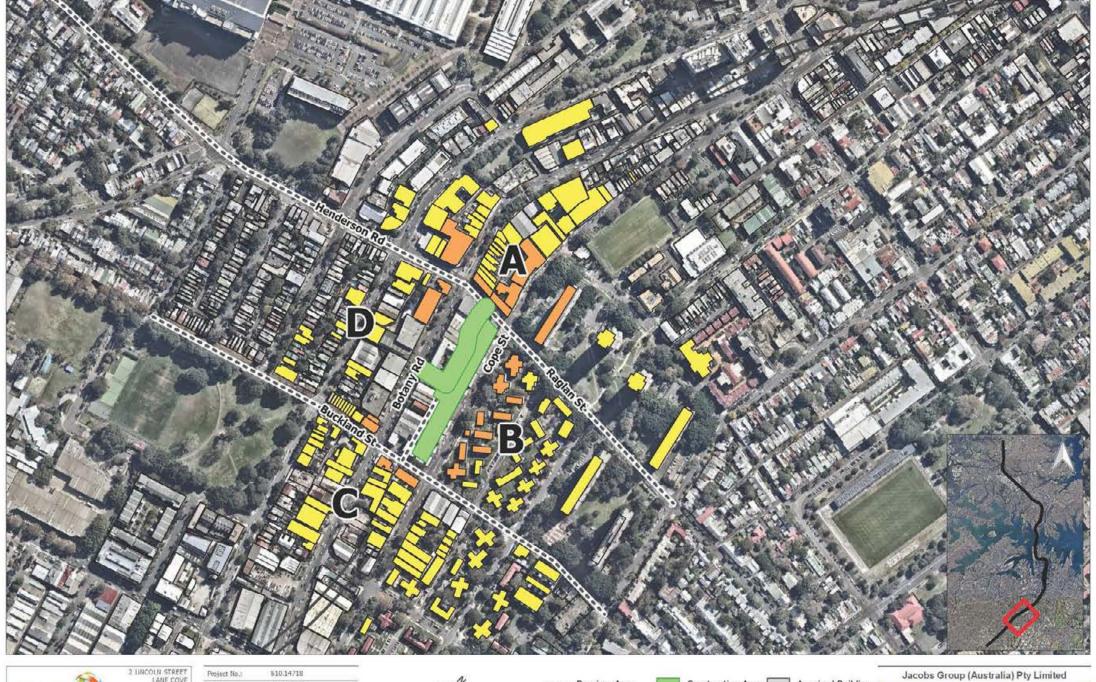
Worst-case Exceedance of NML

0 dB - 10 dB 10 dB - 20 dB 150 m

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Evening





The content contained within this document may be based

on third party data.

SLR Consulting Australia Pty Ltd does not guarantee the accuracy of such information.

Project No.:	510.14718
Date:	08/12/2015
Drewn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone St



=== Receiver Area

Construction Area

Acquired Building

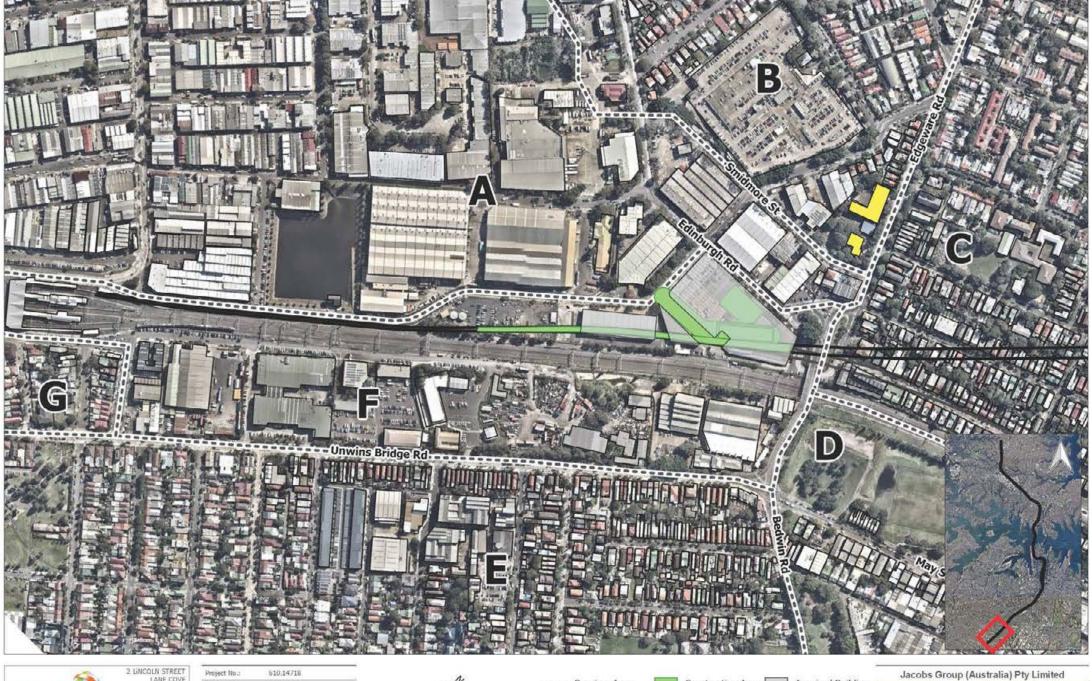
Worst-case Exceedance of NML

0 dB - 10 dB 10 dB - 20 dB 150 m

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Excavation with Shed - Night





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Project No.:	510.14718
Date:	08/12/2015
Drawn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56



--- Receiver Area

150 m

0 dB - 10 dB

Worst-case Exceedance of NML

Construction Area

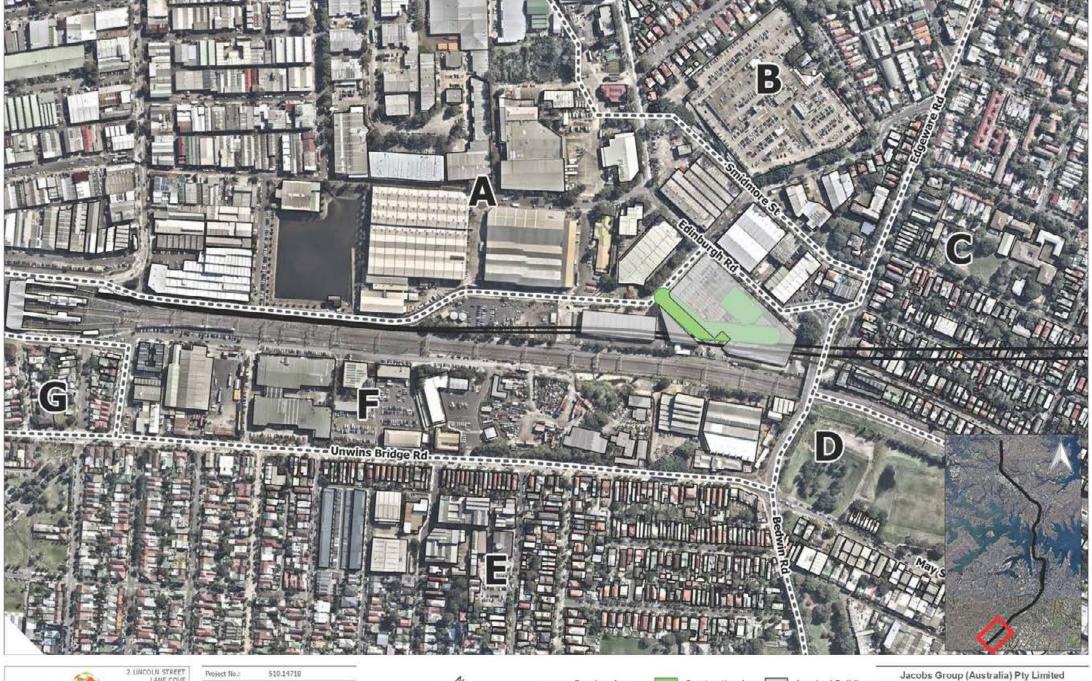
10 dB - 20 dB

Acquired Building

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Daytime





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Project No.:	510.14718
Esate:	08/12/2015
Drewn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Protection:	GDA 1994 MGA Zone St



=== Receiver Area

150 m

Construction Area

10 dB - 20 dB

Acquired Building

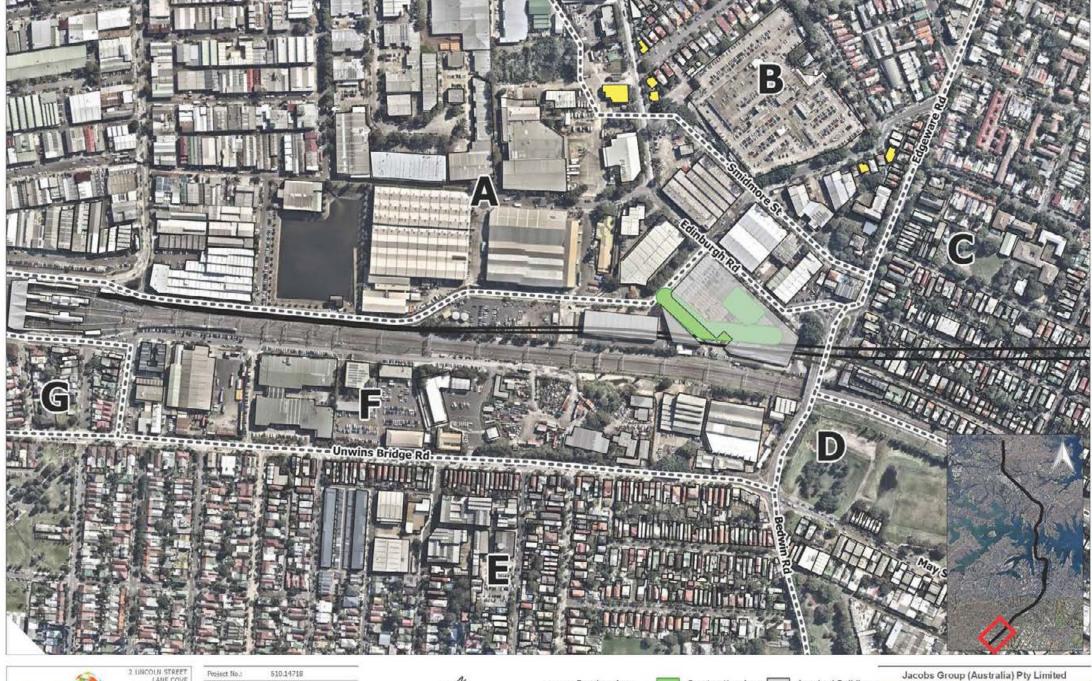
Worst-case Exceedance of NML

0 dB - 10 dB

> 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Day OOH





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Project No.:	510.14718
Exate:	08/12/2015
Drewn by:	MR
Scale:	1:5,000
Sheet Size:	@A4
Projection:	GDA 1994 MGA Zone 56

=== Receiver Area

150 m

0 dB - 10 dB

Worst-case Exceedance of NML

Construction Area

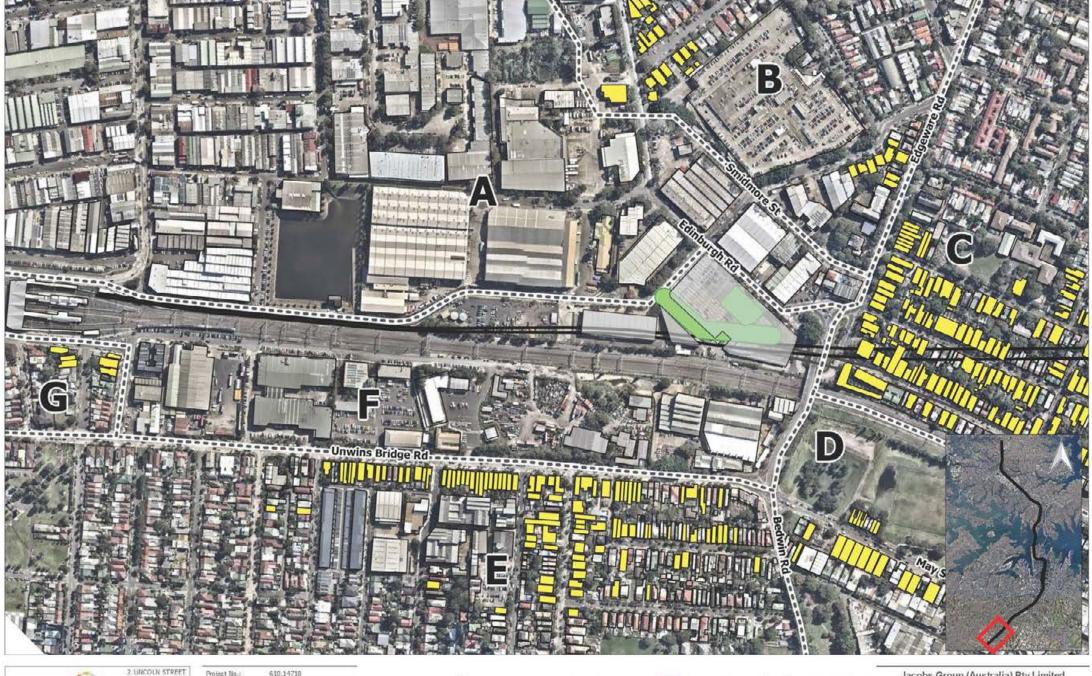
> 20 dB

Acquired Building

10 dB - 20 dB

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Evening





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Project No.:	610.14718
Date:	08/12/2015
Drawn by:	MR
Scale:	1;5,000
Sheet Size:	@44
Projection:	GDA 1994 MGA Zone 56

=== Receiver Area

Construction Area

Acquired Building

Worst-case Exceedance of NML

0 dB - 10 dB 10 dB - 20 dB 150 m

> 20 dB

Jacobs Group (Australia) Pty Limited

Sydney Metro Chatswood to Sydenham

Construction Noise Predictions Worst-case NML Exceedance Tunnelling with Shed - Night