

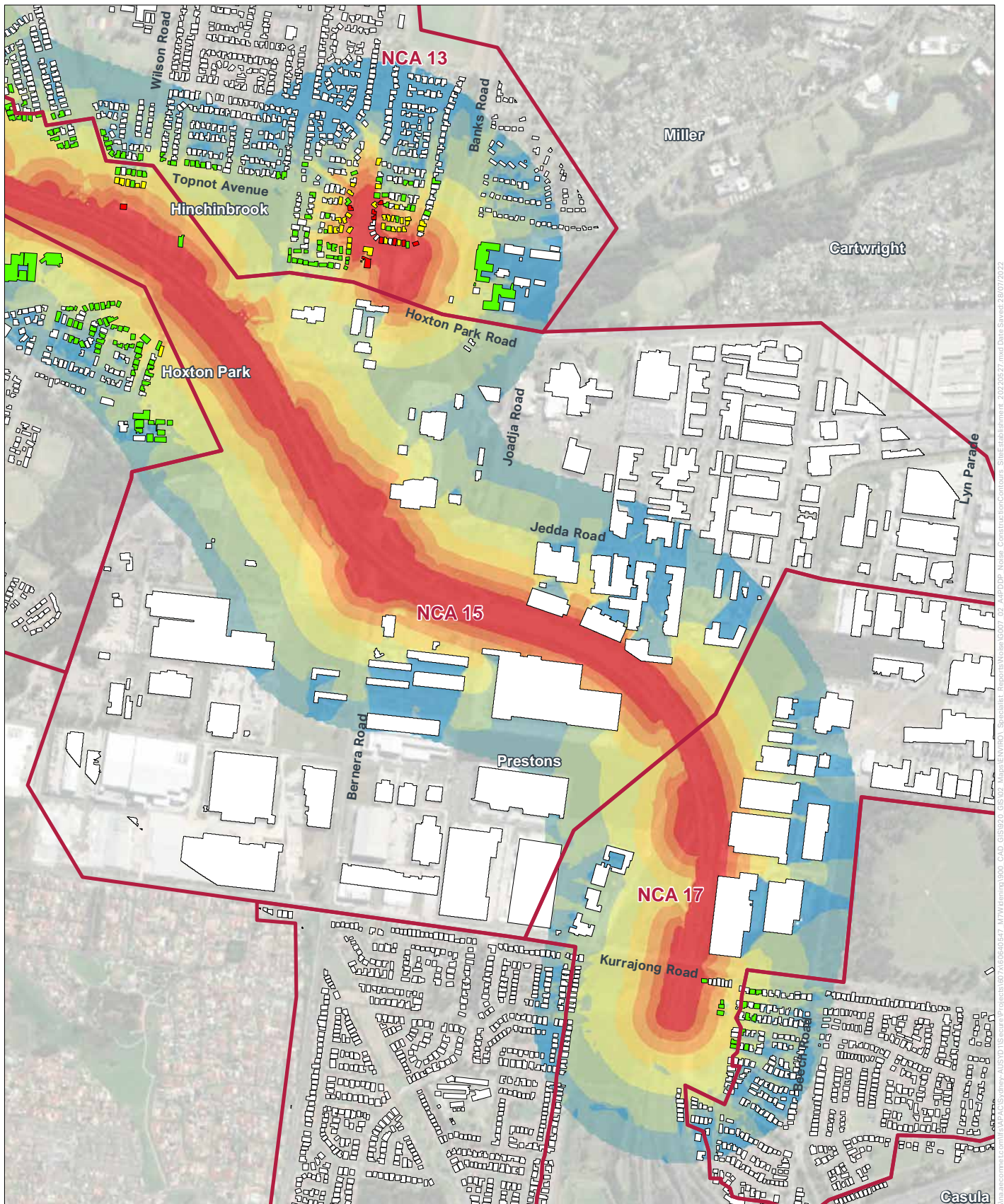


Appendix E - Part 2

Noise and vibration technical report

Appendix C

Construction airborne
 L_{Aeq} contour maps

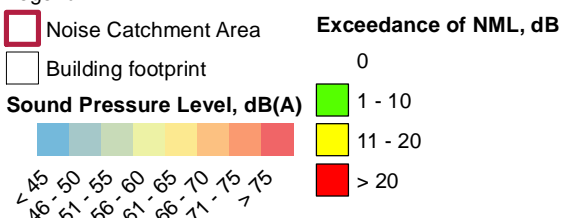


M7 WIDENING CONSTRUCTION NOISE CONTOURS - SITE ESTABLISHMENT



AECOM

Legend

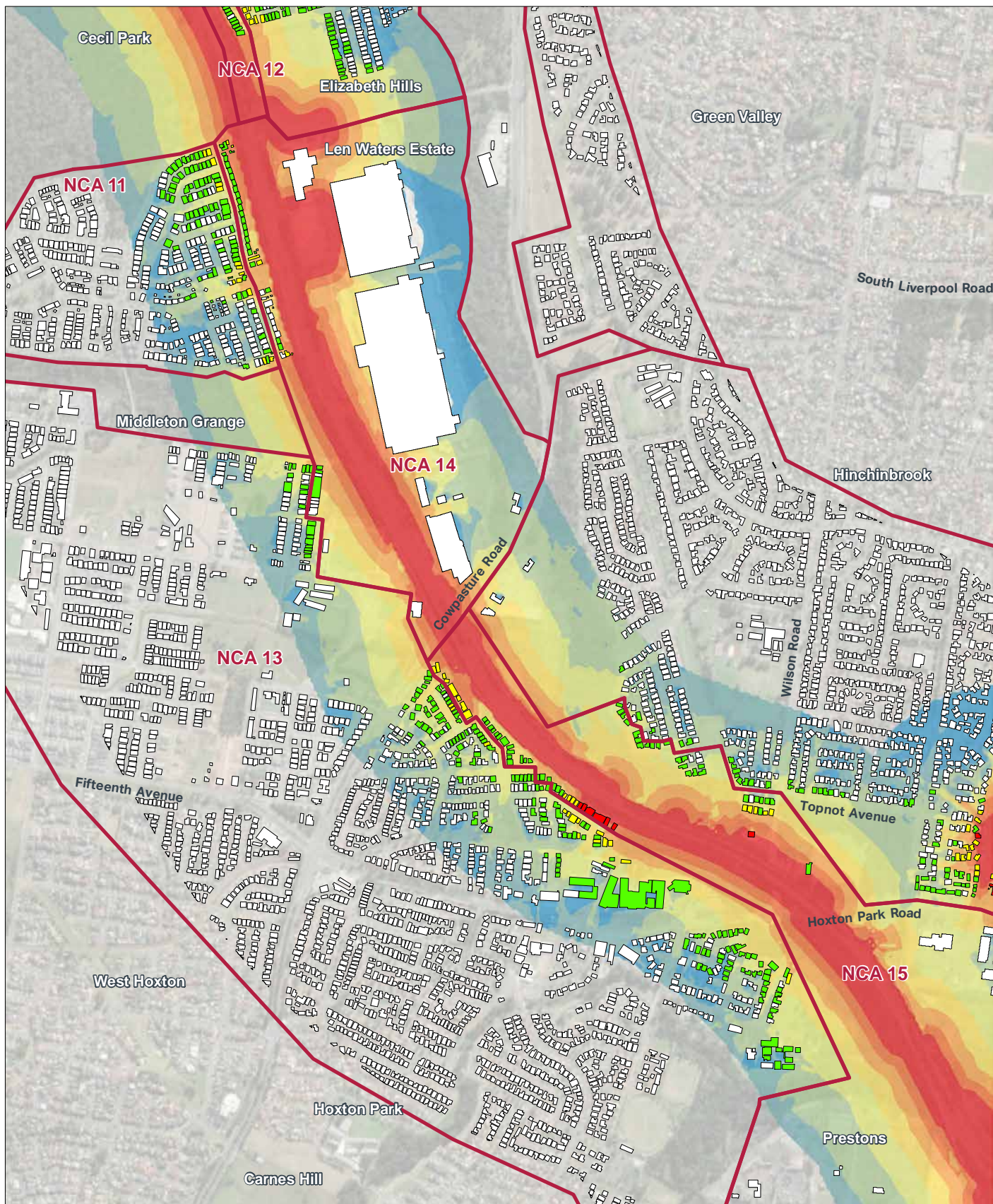


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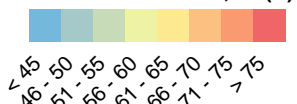


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

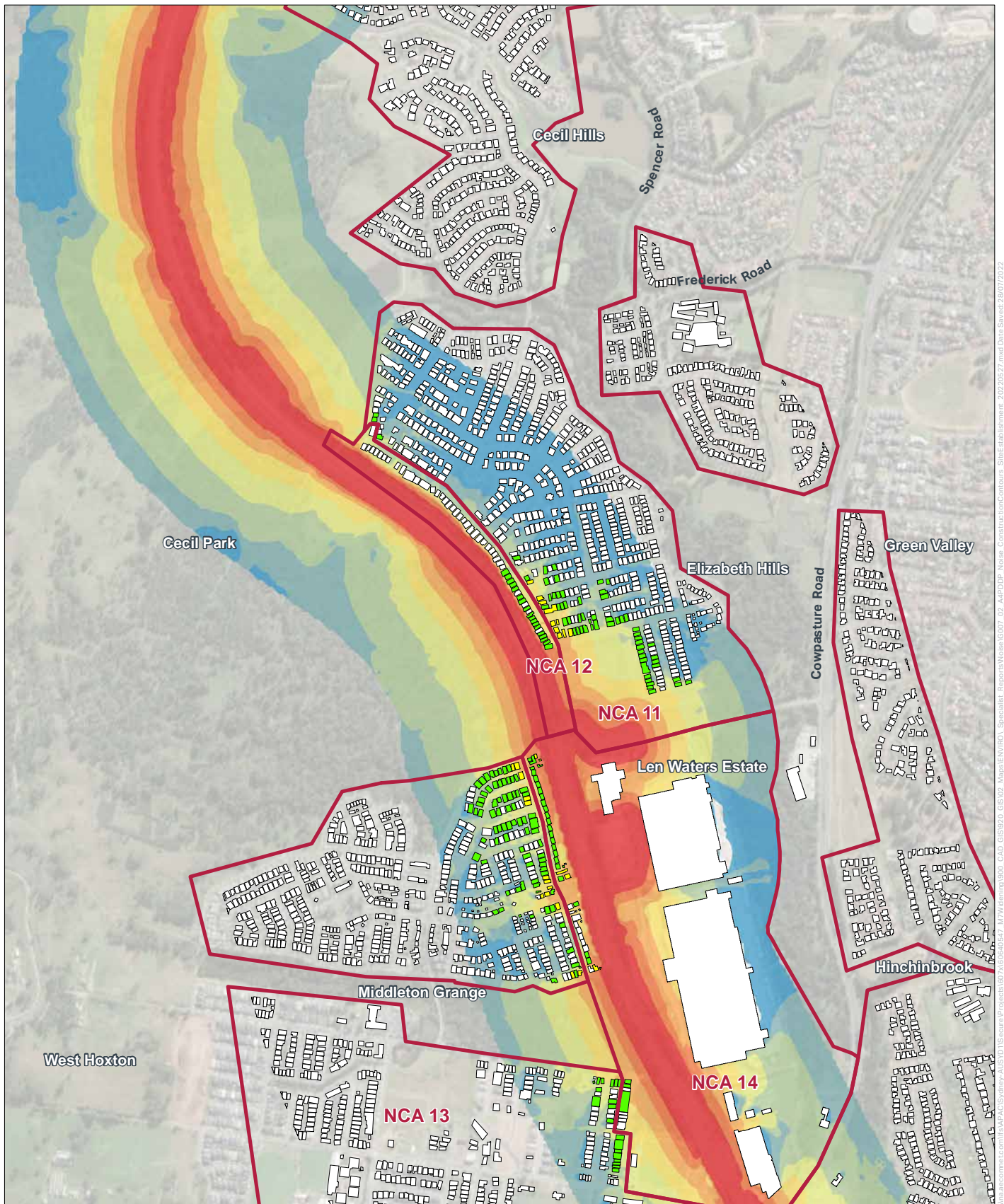
- 0
- 1 - 10
- 11 - 20
- > 20

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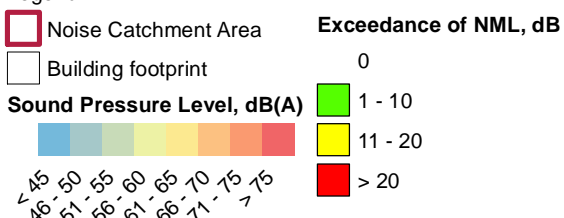


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AECOM

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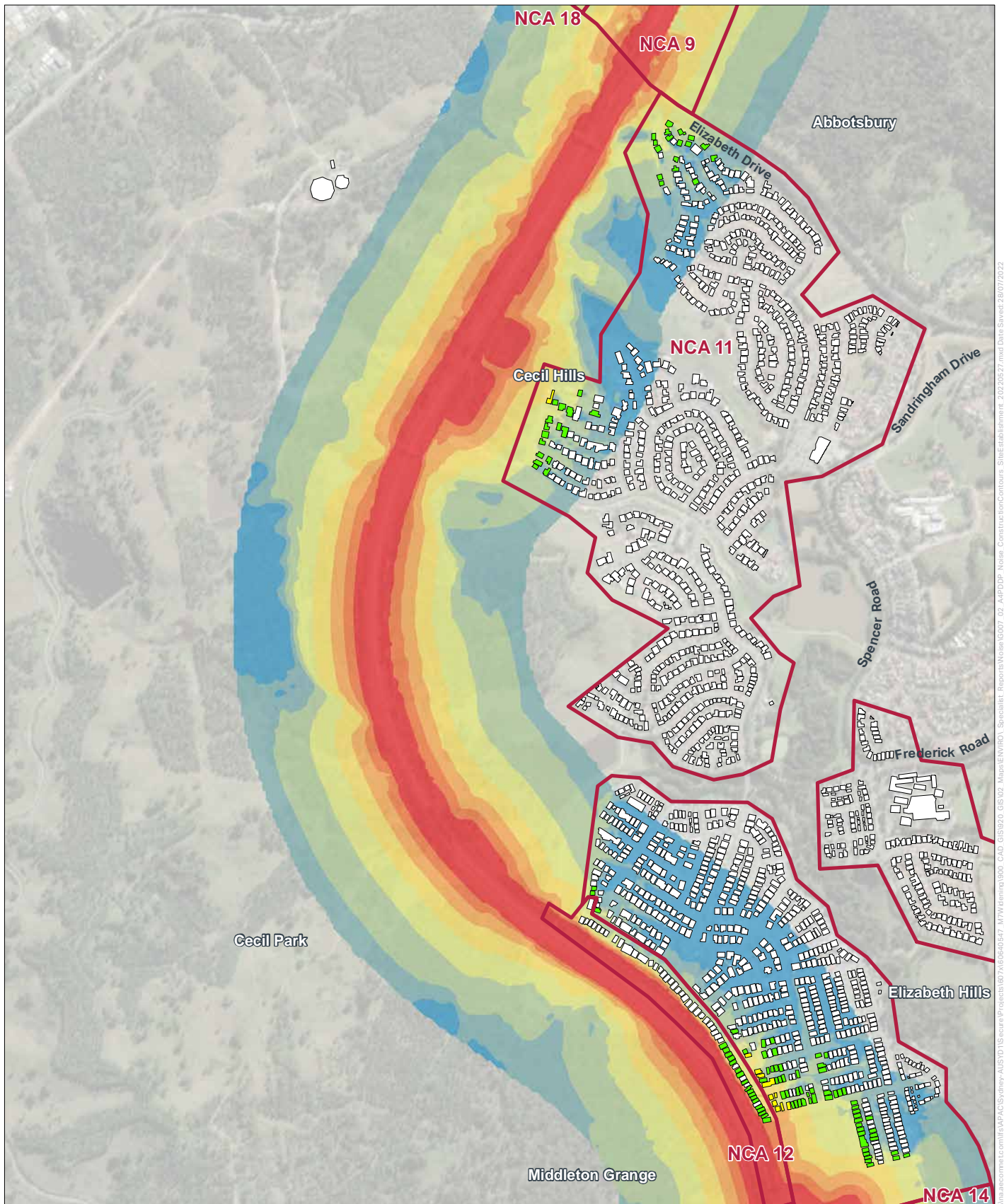


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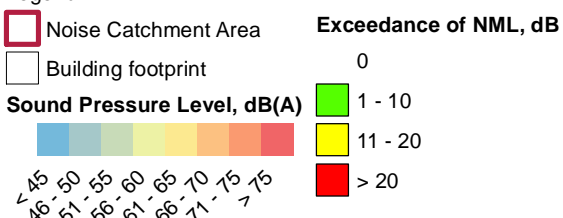


M7 WIDENING CONSTRUCTION NOISE CONTOURS - SITE ESTABLISHMENT



AECOM

Legend



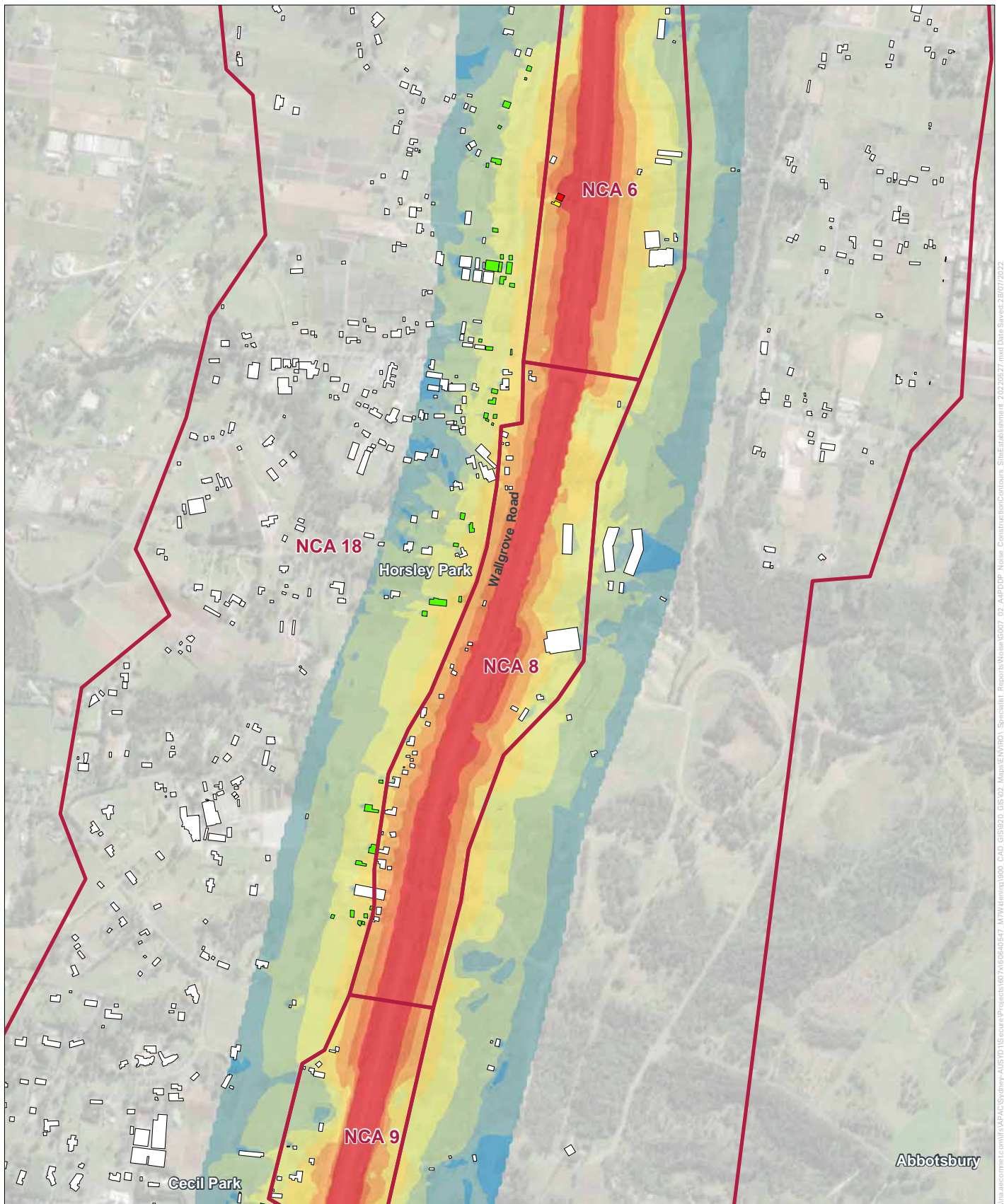
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via aecommet.com/feafapacs/sydney-AUS/015/secure/Projects/187/AB6666647_M7Widening/000_CAD_GIS/020_GIS/02_Specialist_Reports/Noise/NG007_02_AAPDDP_Noise_ConstructionContours_SiteEstablishment_20220527.mxd Date Saved: 2/8/07/2022

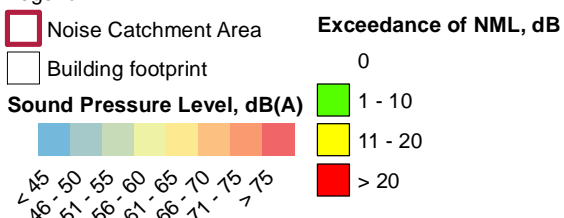


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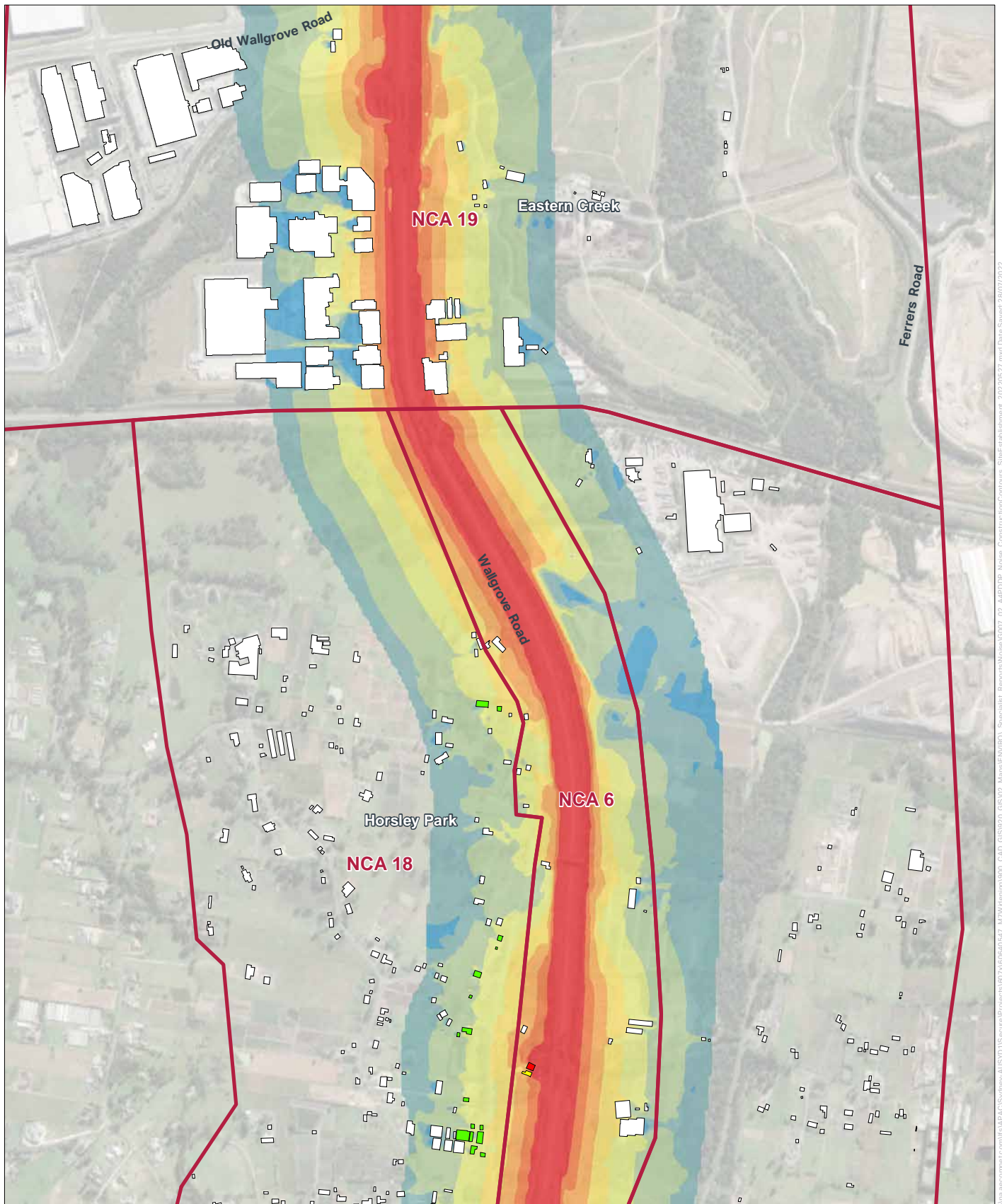


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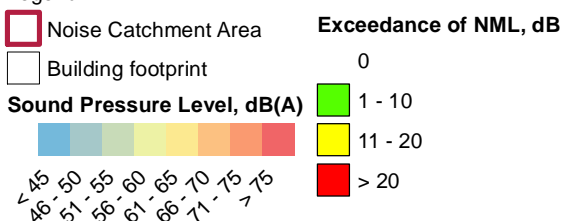


M7 WIDENING CONSTRUCTION NOISE CONTOURS - SITE ESTABLISHMENT



AECOM

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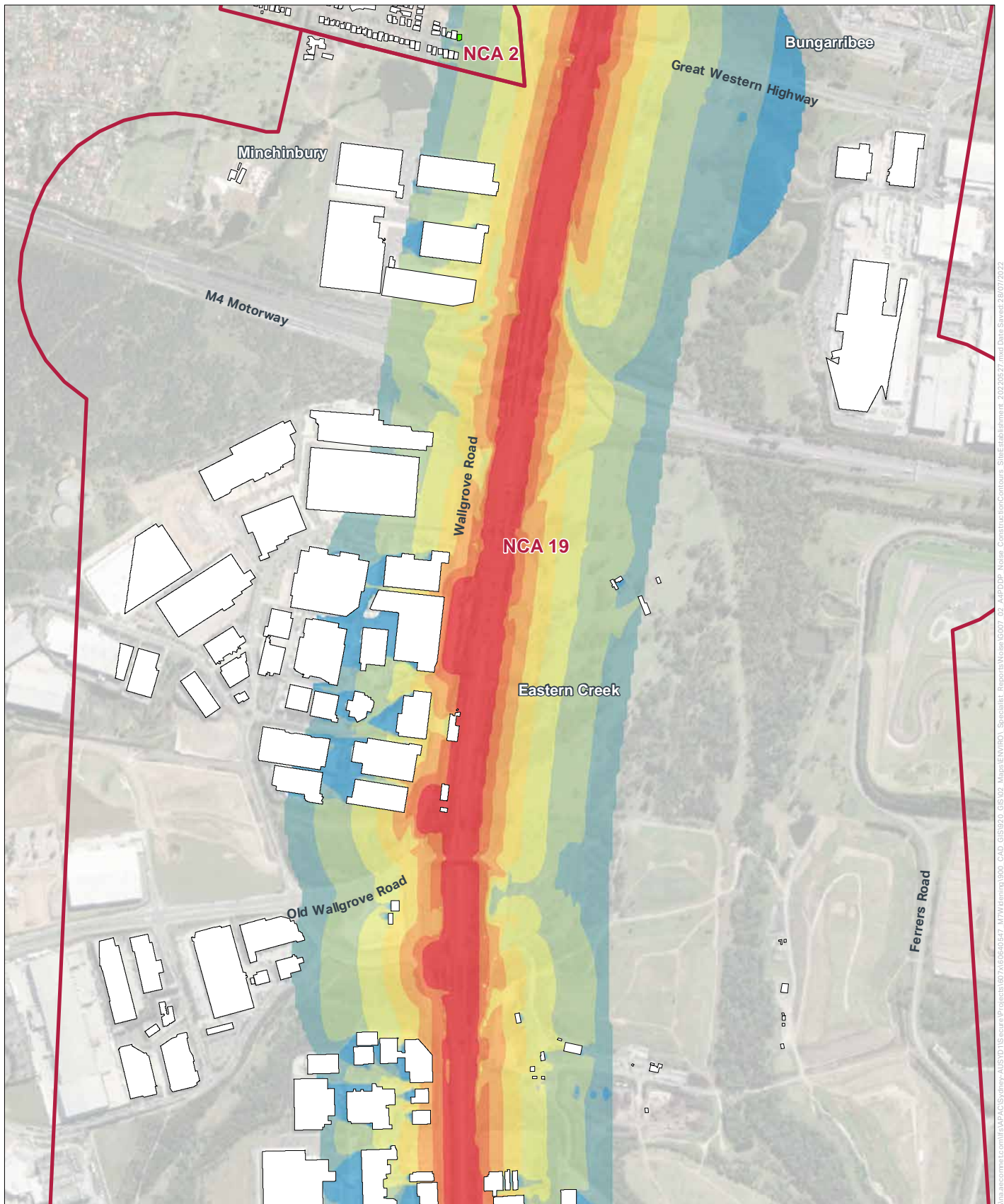


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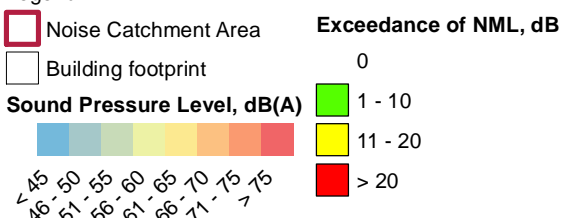


M7 WIDENING CONSTRUCTION NOISE CONTOURS - SITE ESTABLISHMENT



AECOM

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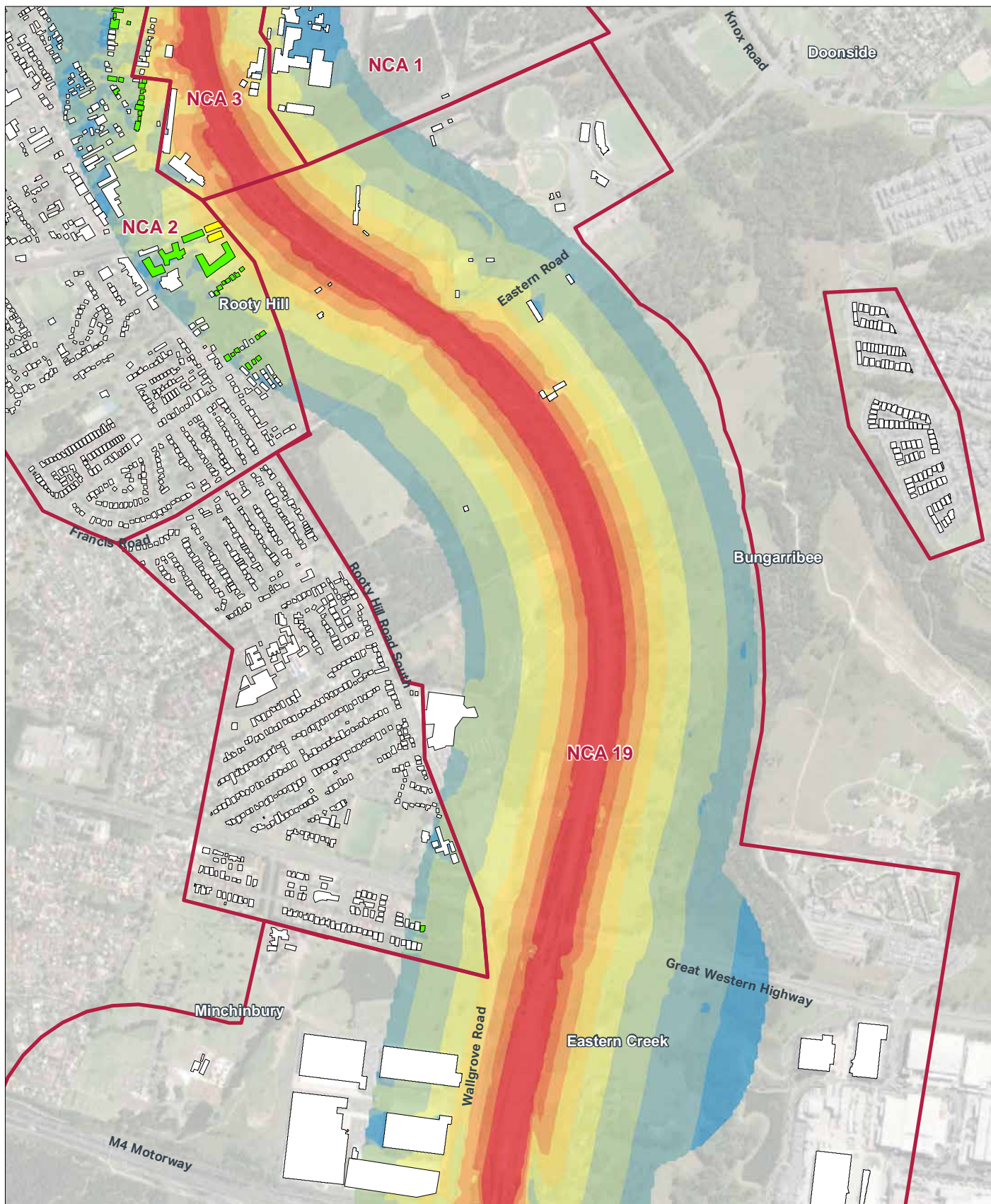


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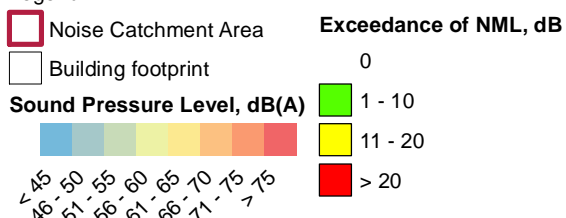


M7 WIDENING CONSTRUCTION NOISE CONTOURS - SITE ESTABLISHMENT



AECOM

Legend

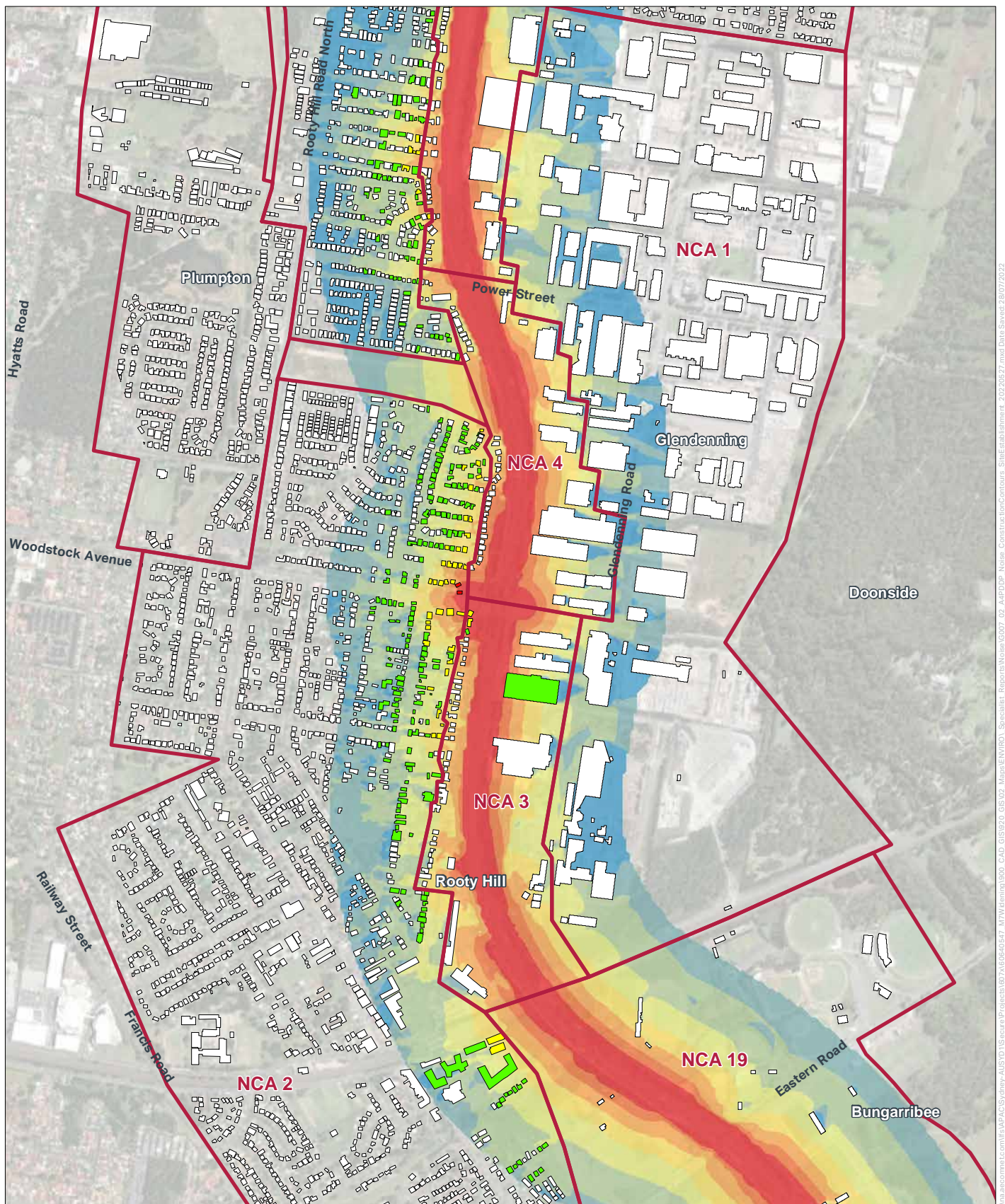


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M7 WIDENING

CONSTRUCTION NOISE CONTOURS - SITE ESTABLISHMENT



Legend

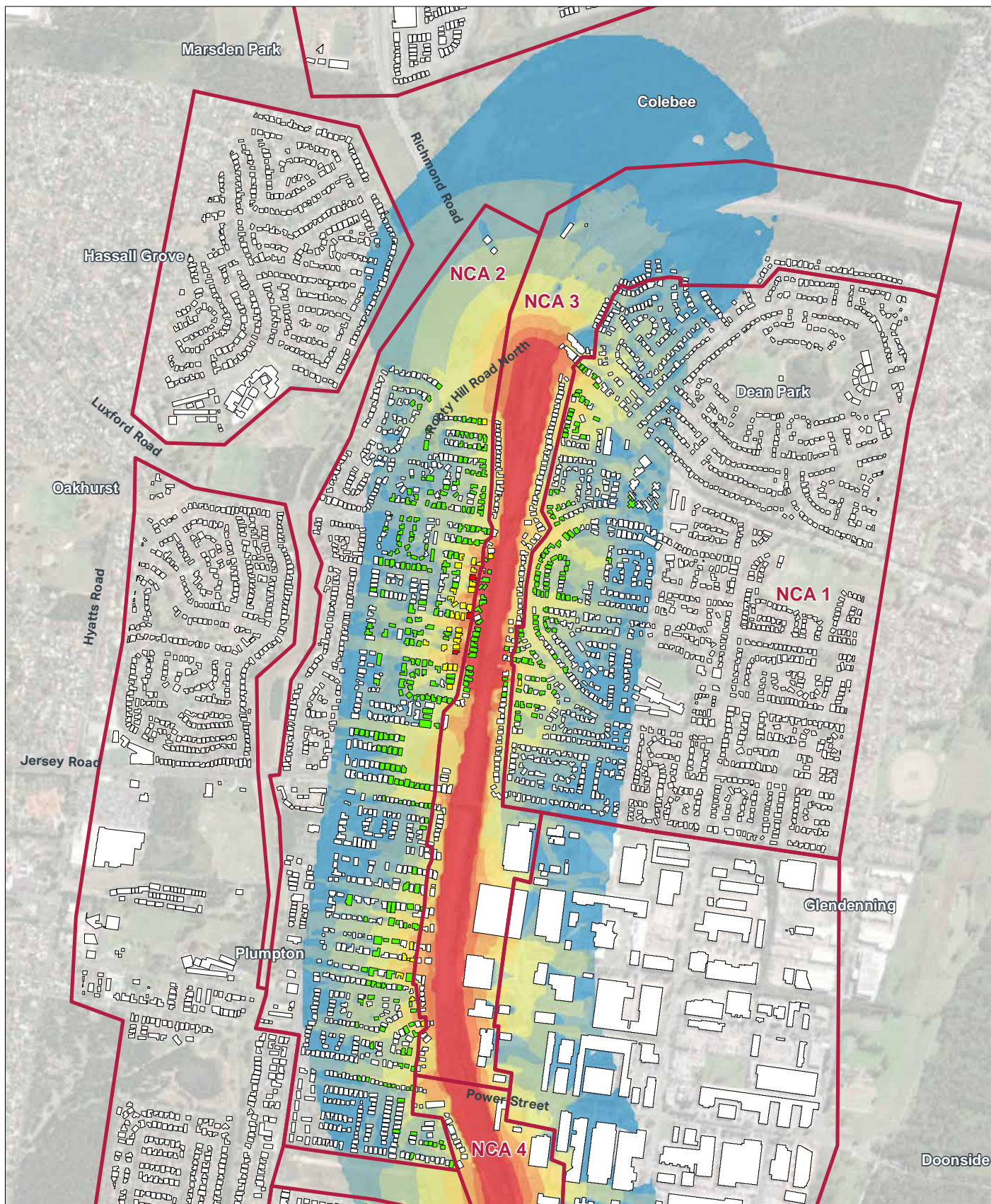
-  Noise Catchment Area
 Building footprint
- Sound Pressure Level, dB(A)**

- < 45 46-50 51-55 56-60 61-65 66-70 71-75 > 75
- Exceedance of NML, dB**
 0
 1 - 10
 11 - 20
 > 20

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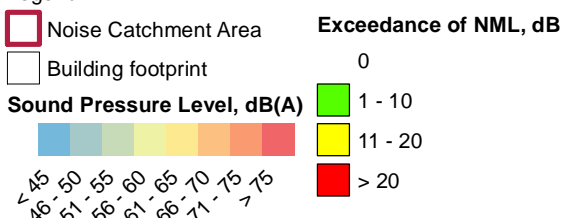


M7 WIDENING CONSTRUCTION NOISE CONTOURS - SITE ESTABLISHMENT



AECOM

Legend



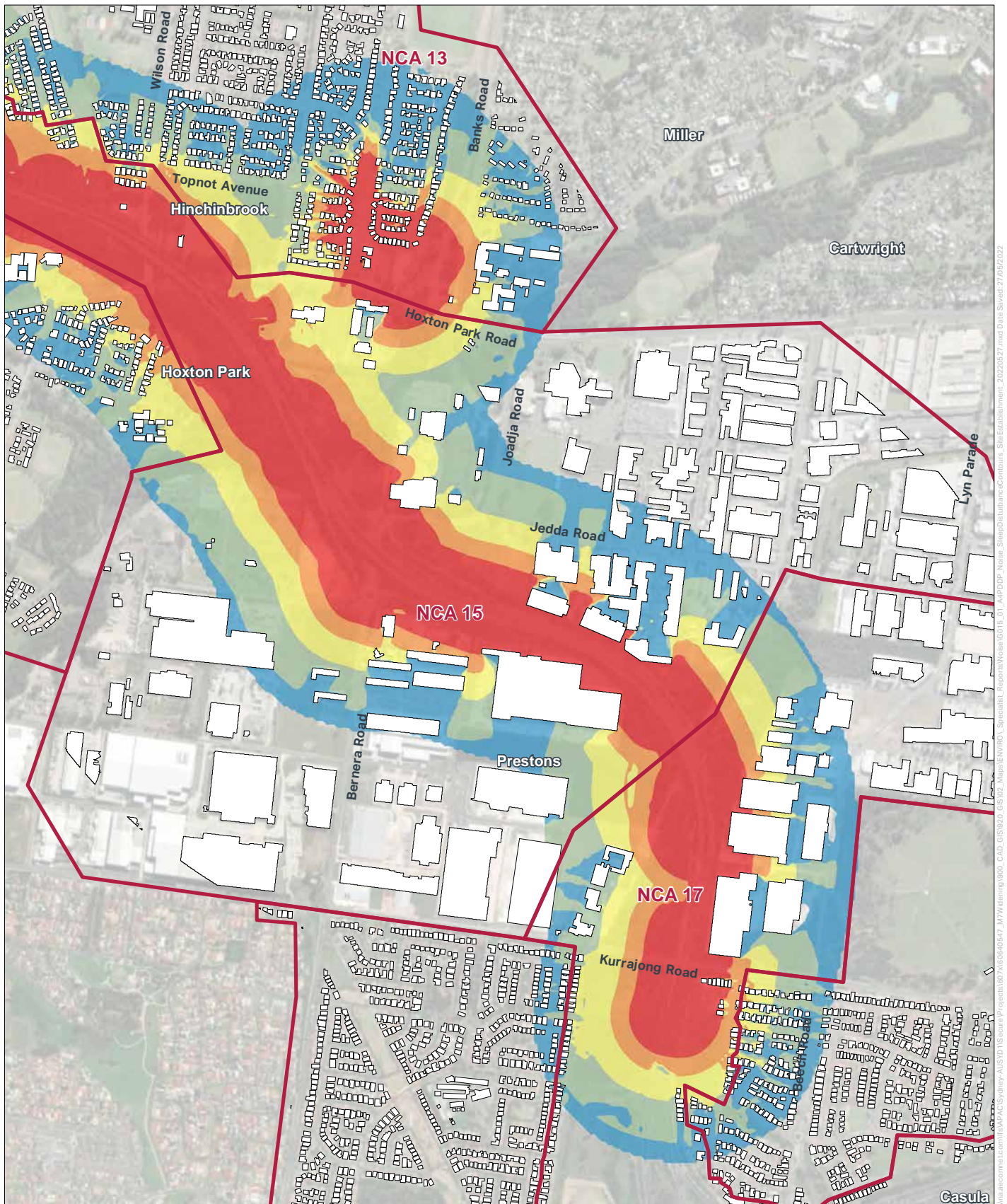
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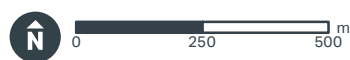
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - SITE ESTABLISHMENT

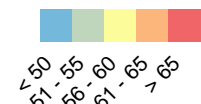


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

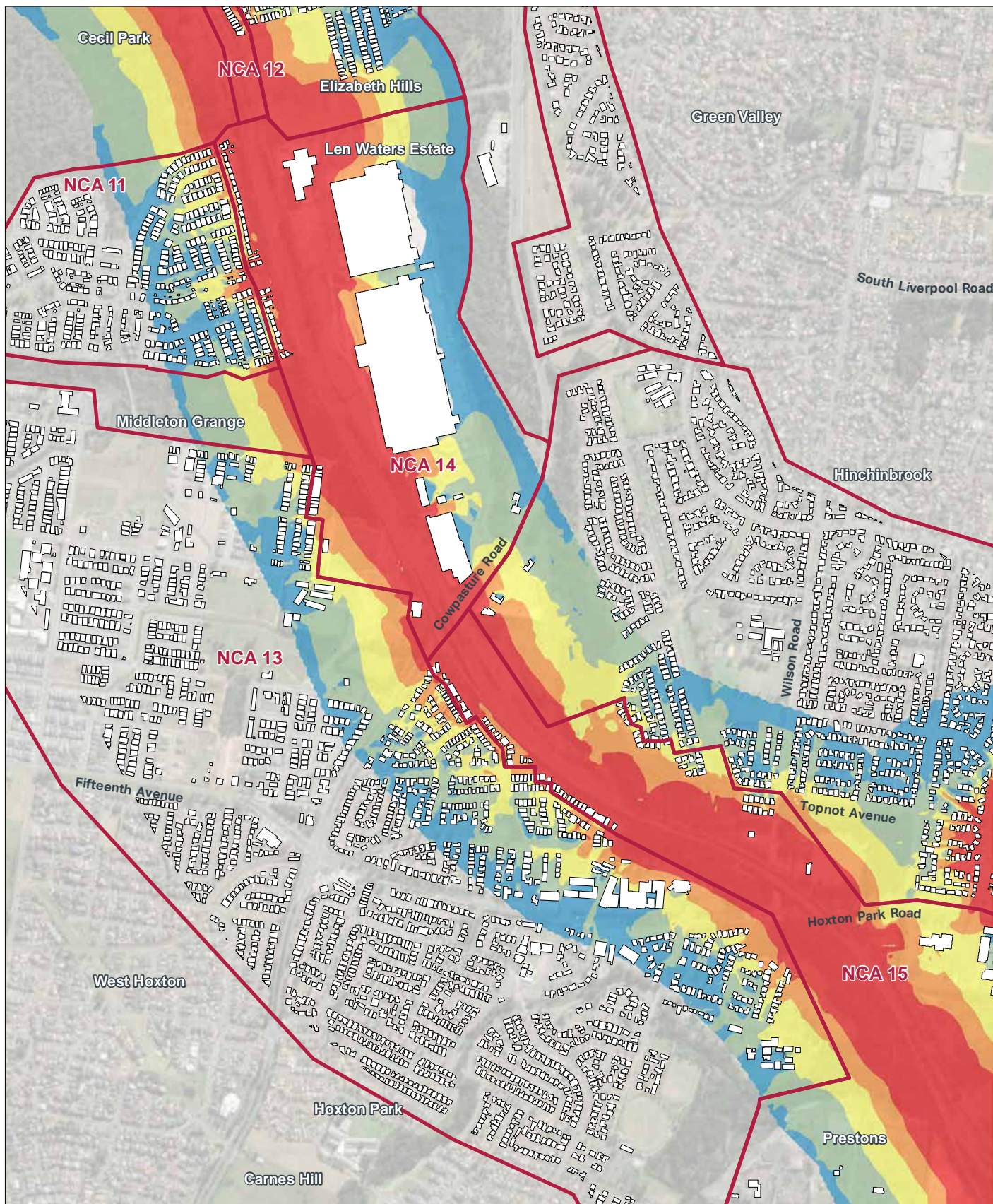


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - SITE ESTABLISHMENT

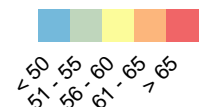


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

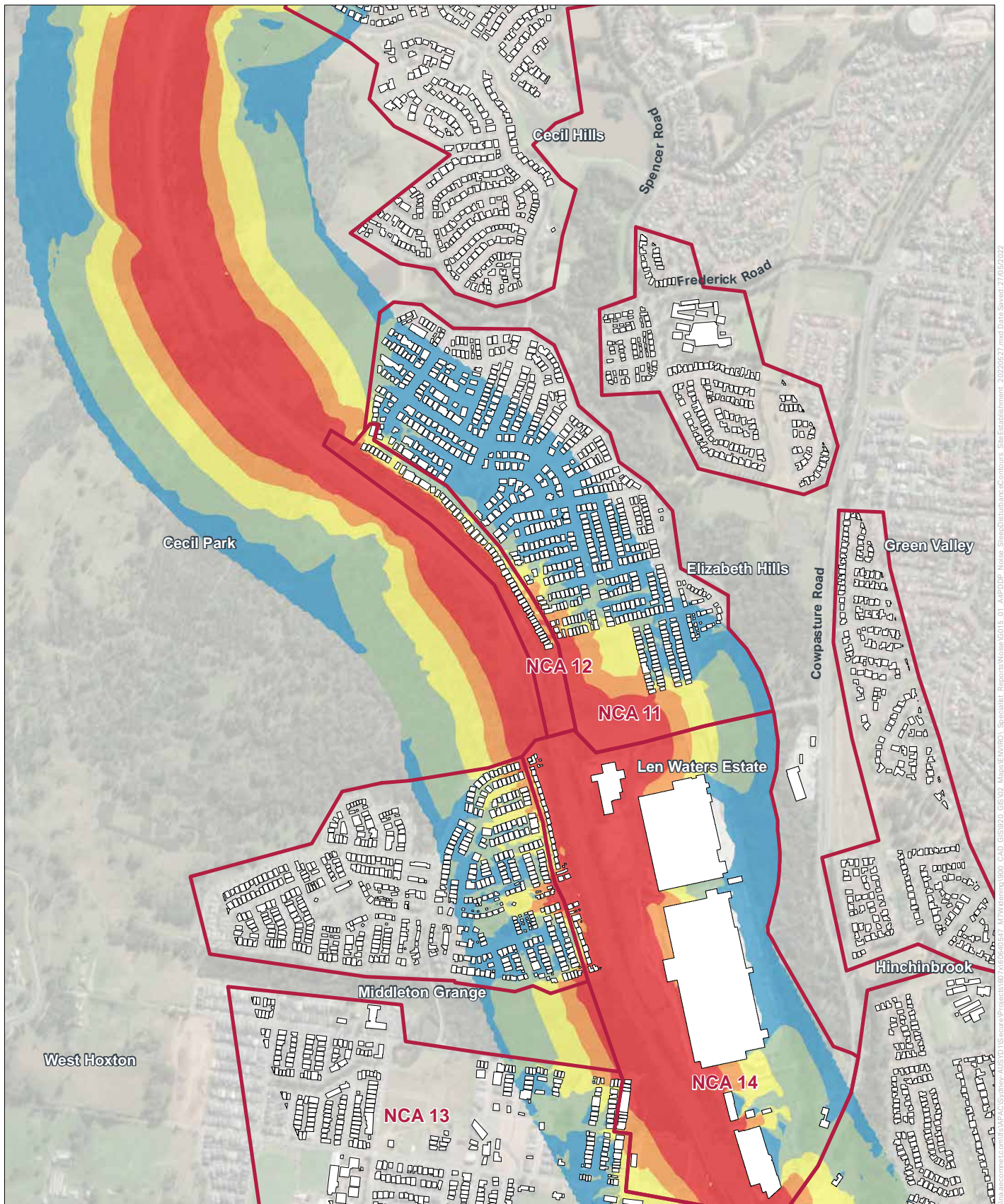


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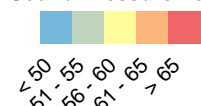


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

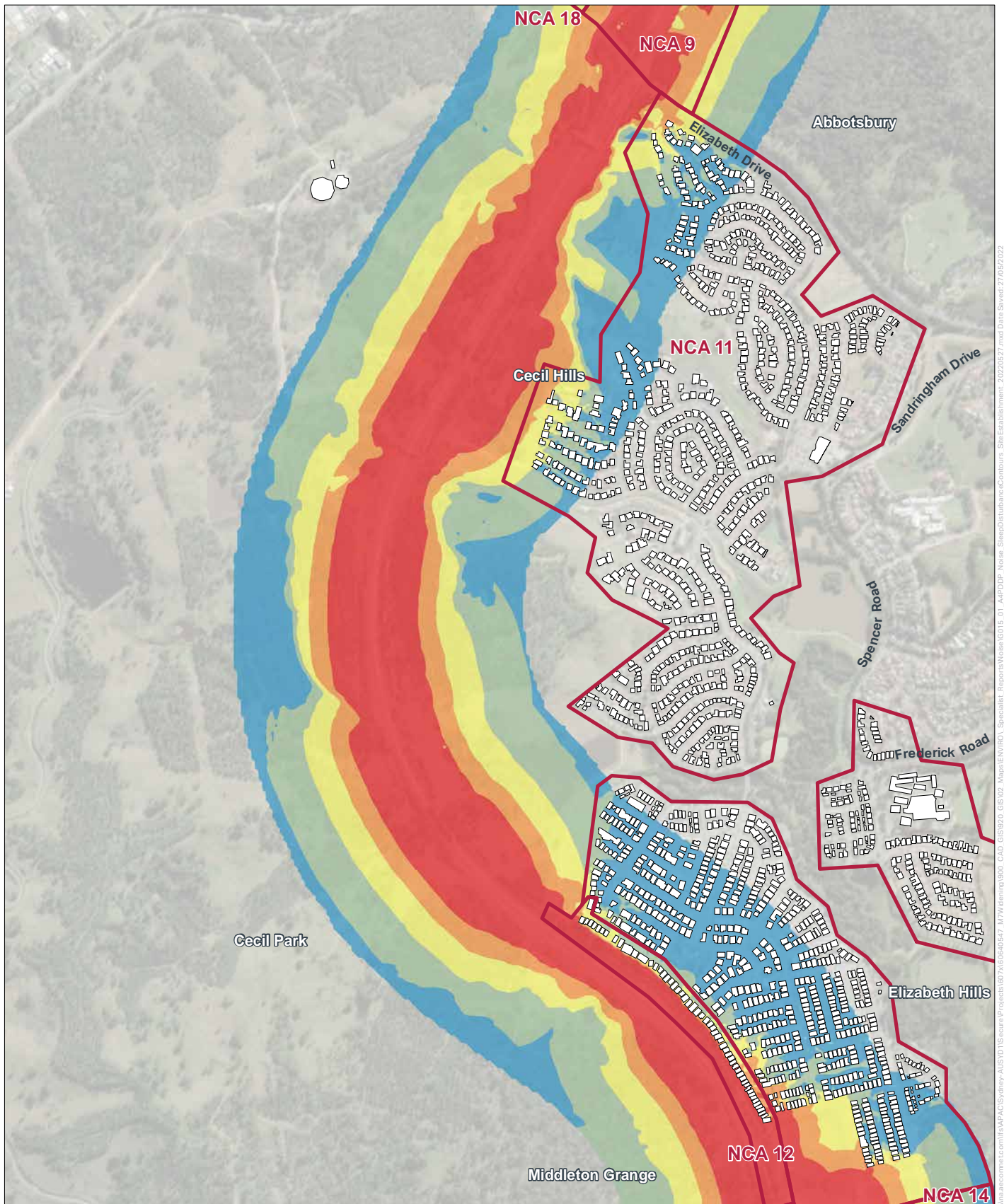


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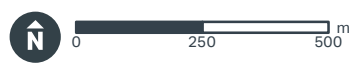
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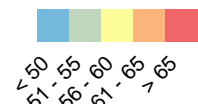


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



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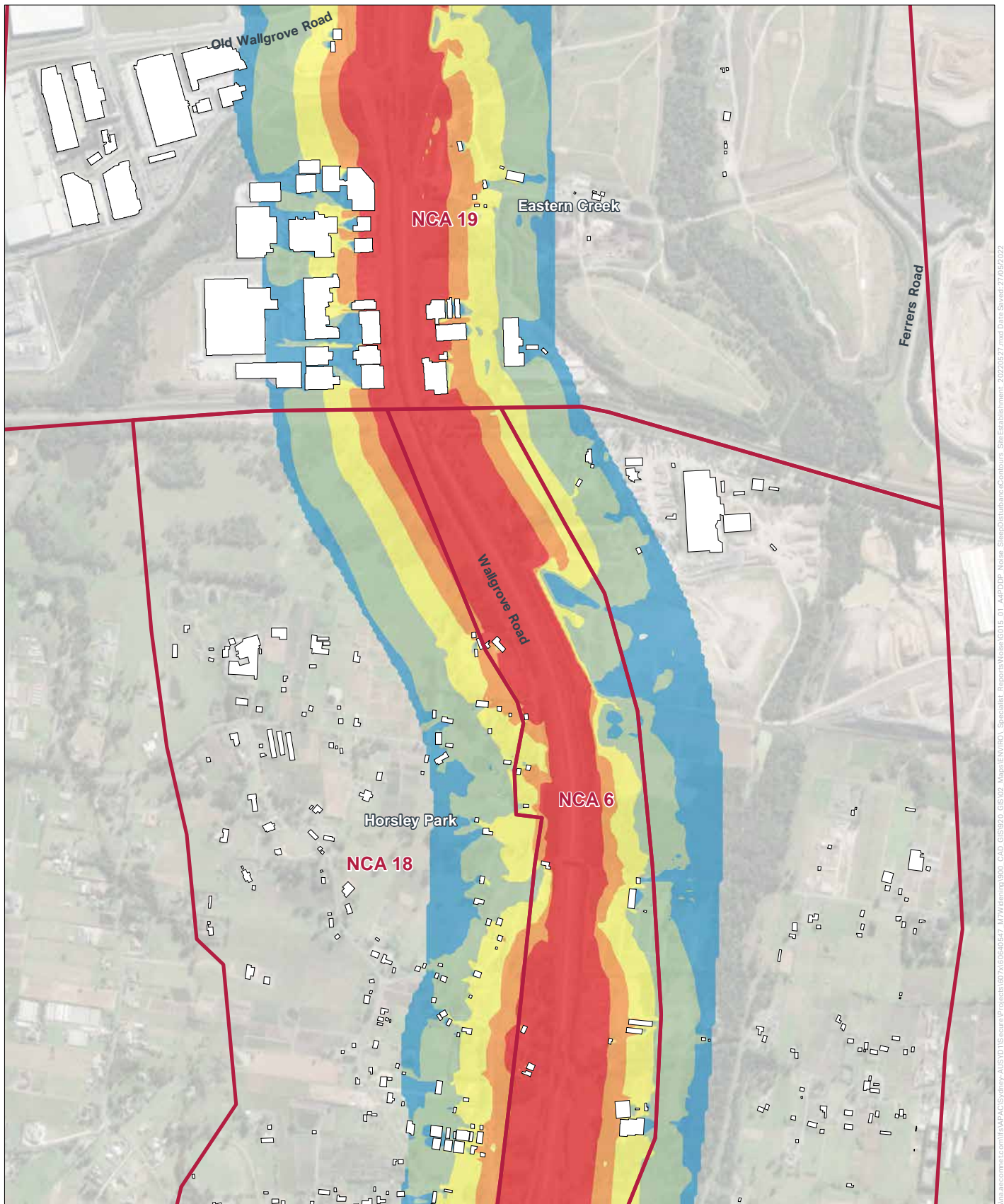
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$\begin{matrix} < 50 & 55 & 60 & 65 \\ 51 & 56 & 61 & 65 \end{matrix}$

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M7 WIDENING SLEEP DISTURBANCE CONTOURS - SITE ESTABLISHMENT

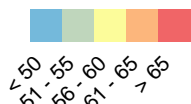


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

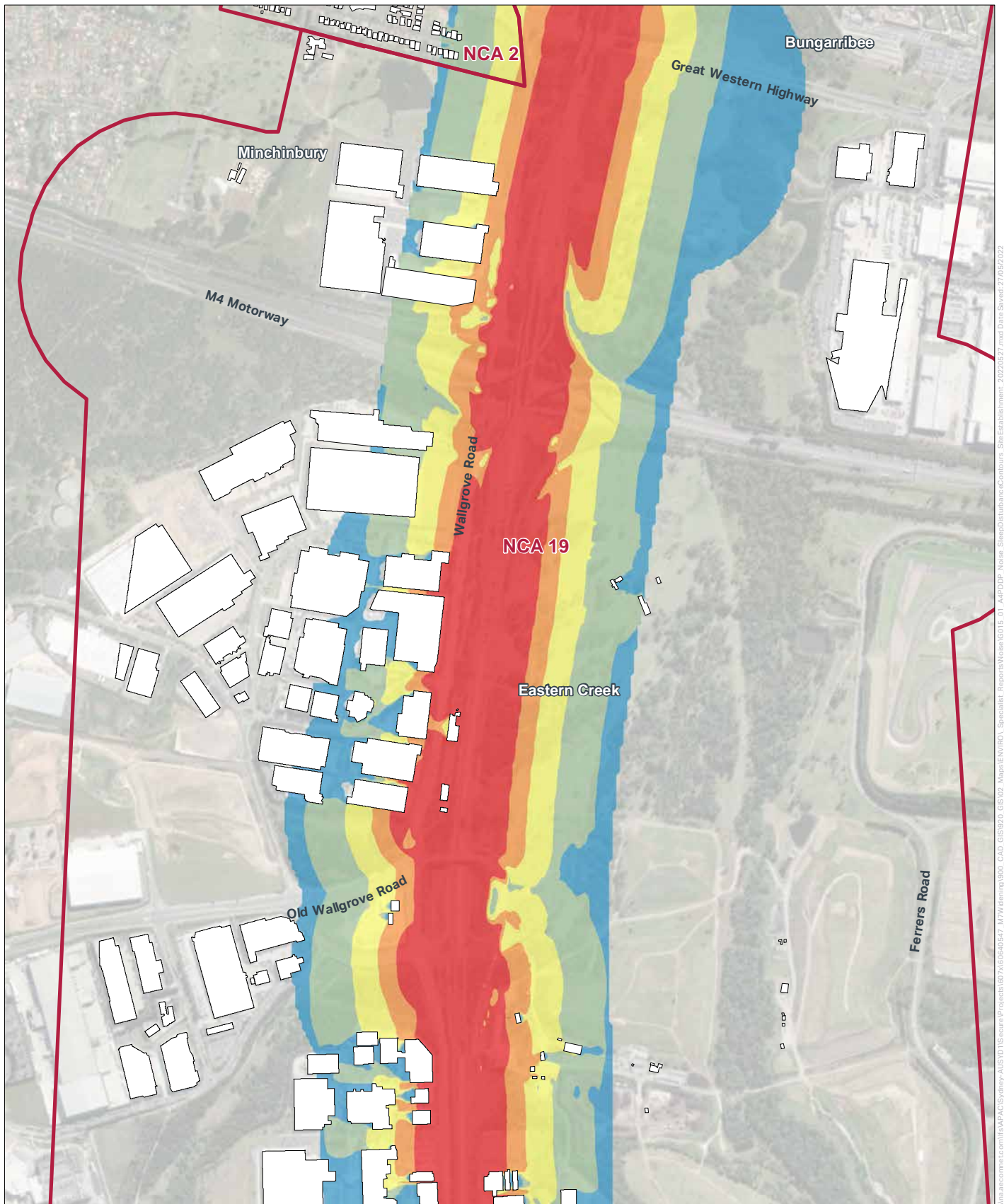


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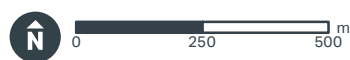
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - SITE ESTABLISHMENT

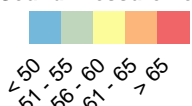


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

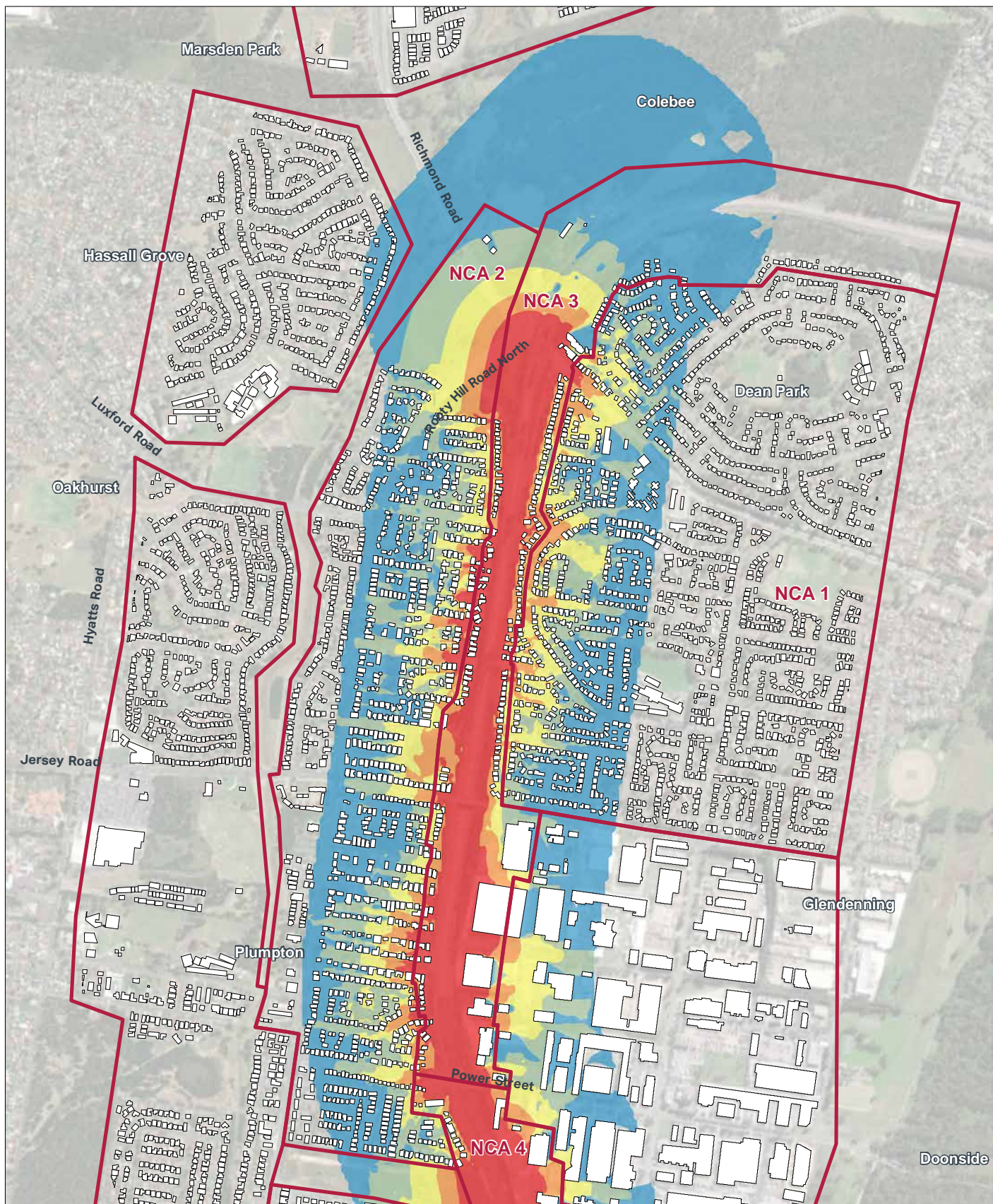


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - SITE ESTABLISHMENT

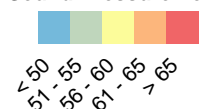


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

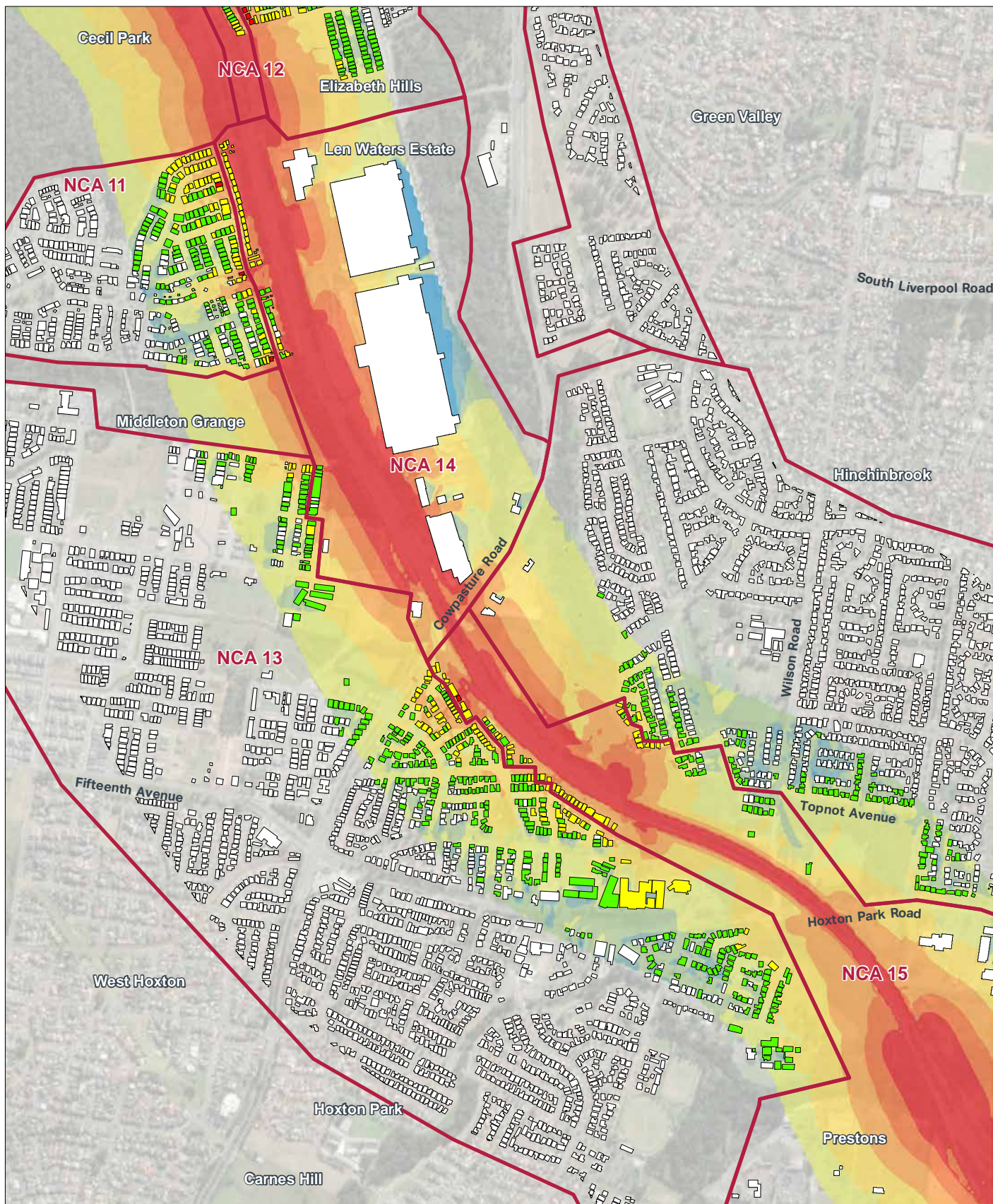


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M7 WIDENING CONSTRUCTION NOISE CONTOURS - EARTHWORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

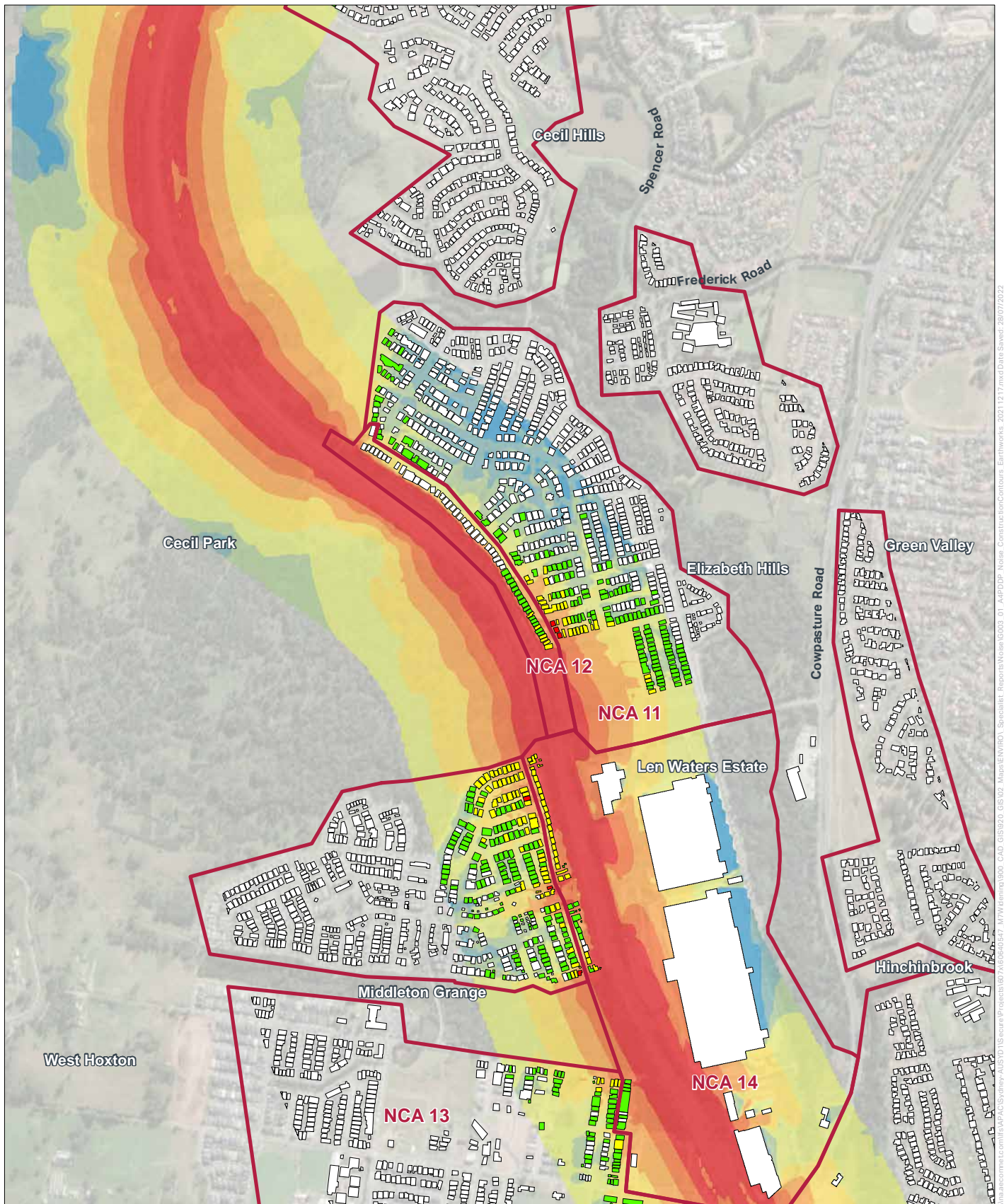
- 0
- 1 - 10
- 11 - 20
- > 20

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M7 WIDENING CONSTRUCTION NOISE CONTOURS - EARTHWORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

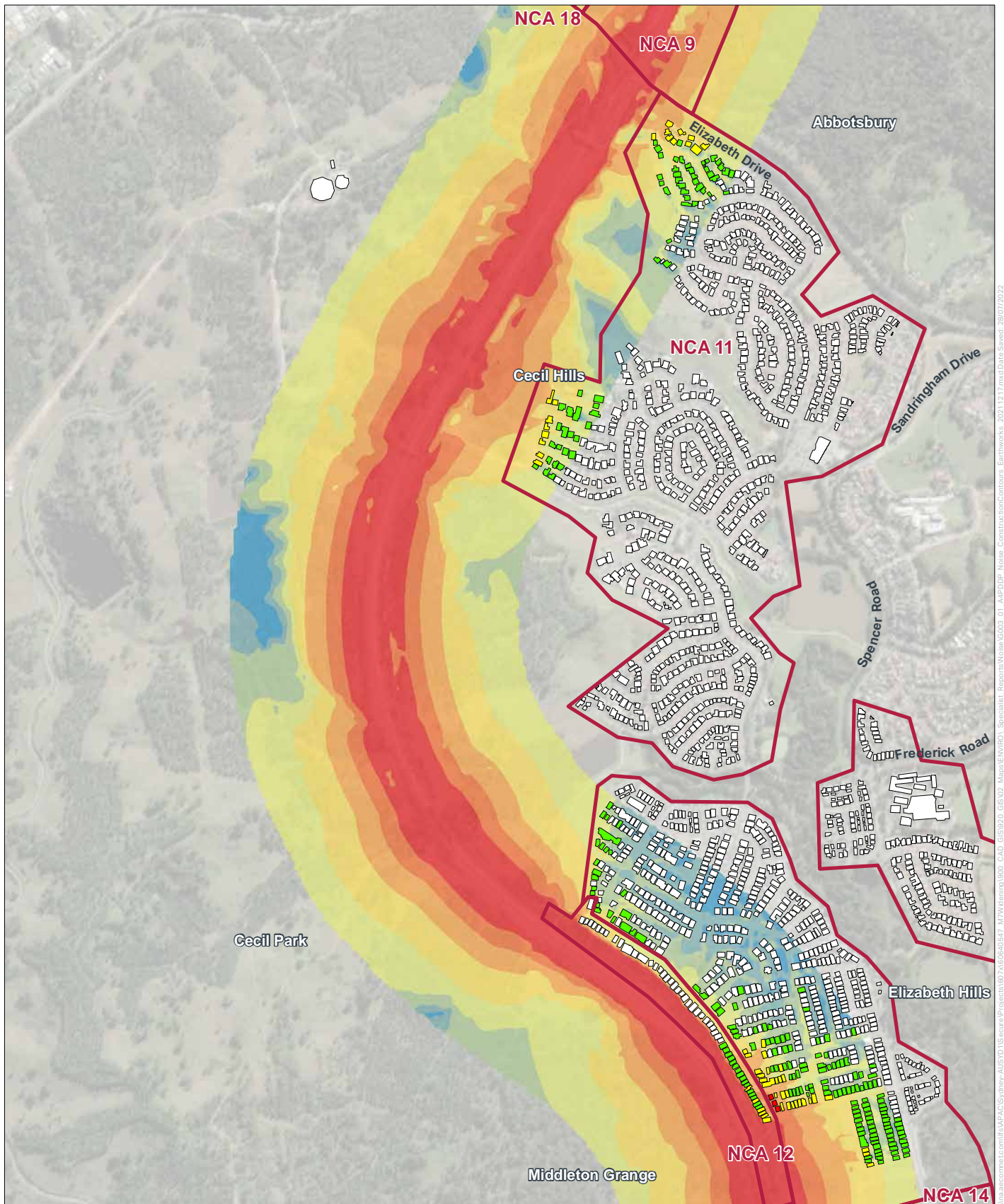
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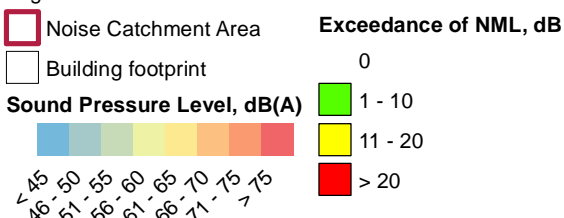


M7 WIDENING CONSTRUCTION NOISE CONTOURS - EARTHWORKS



AECOM

Legend



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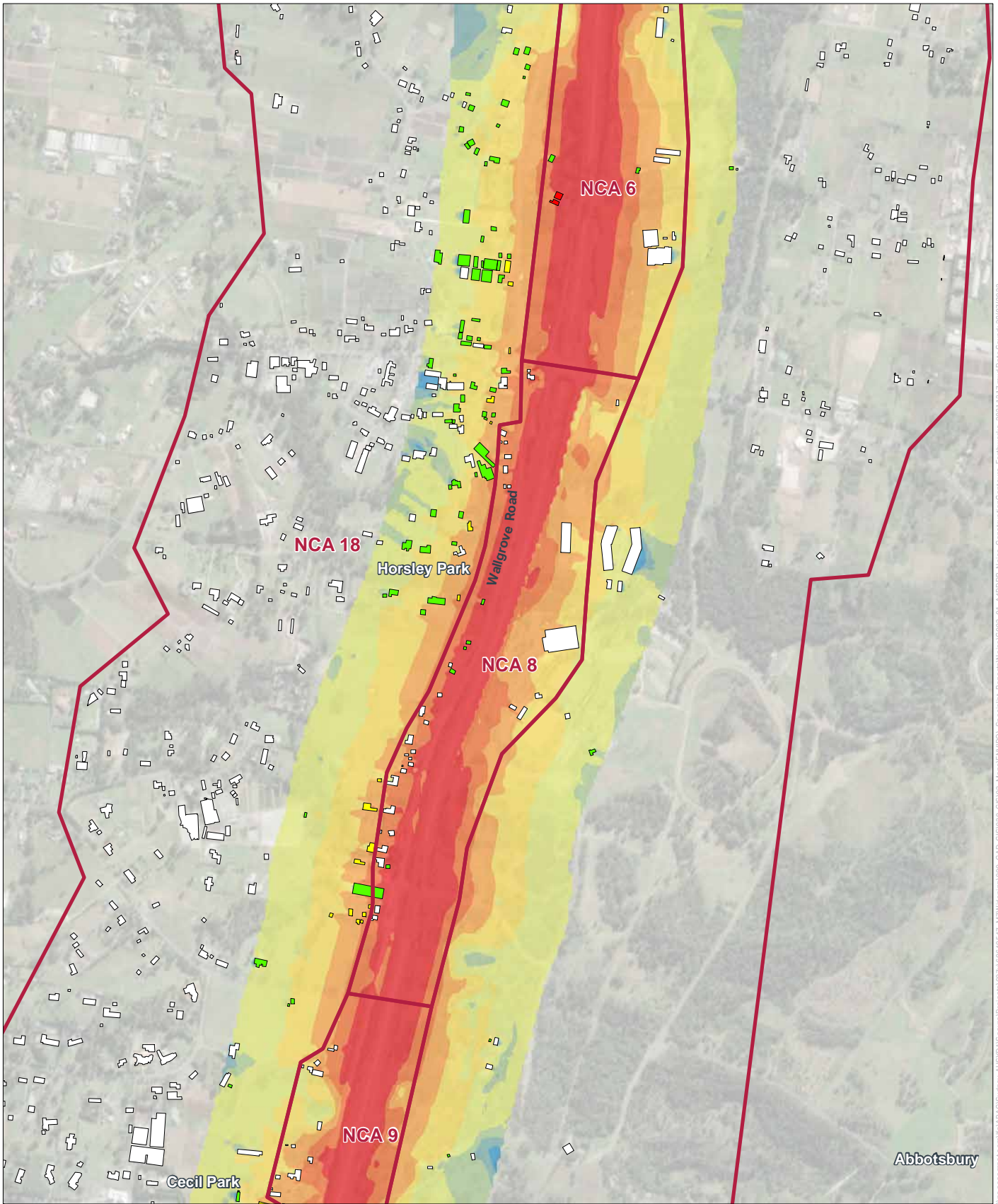
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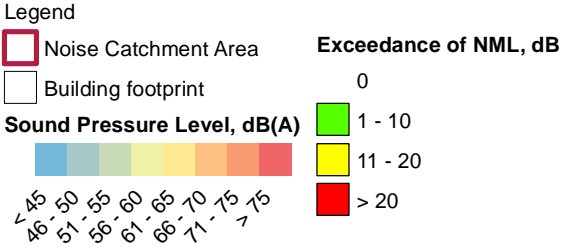
**AECOM**

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11 - 20
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M7 WIDENING
CONSTRUCTION NOISE CONTOURS - EARTHWORKS

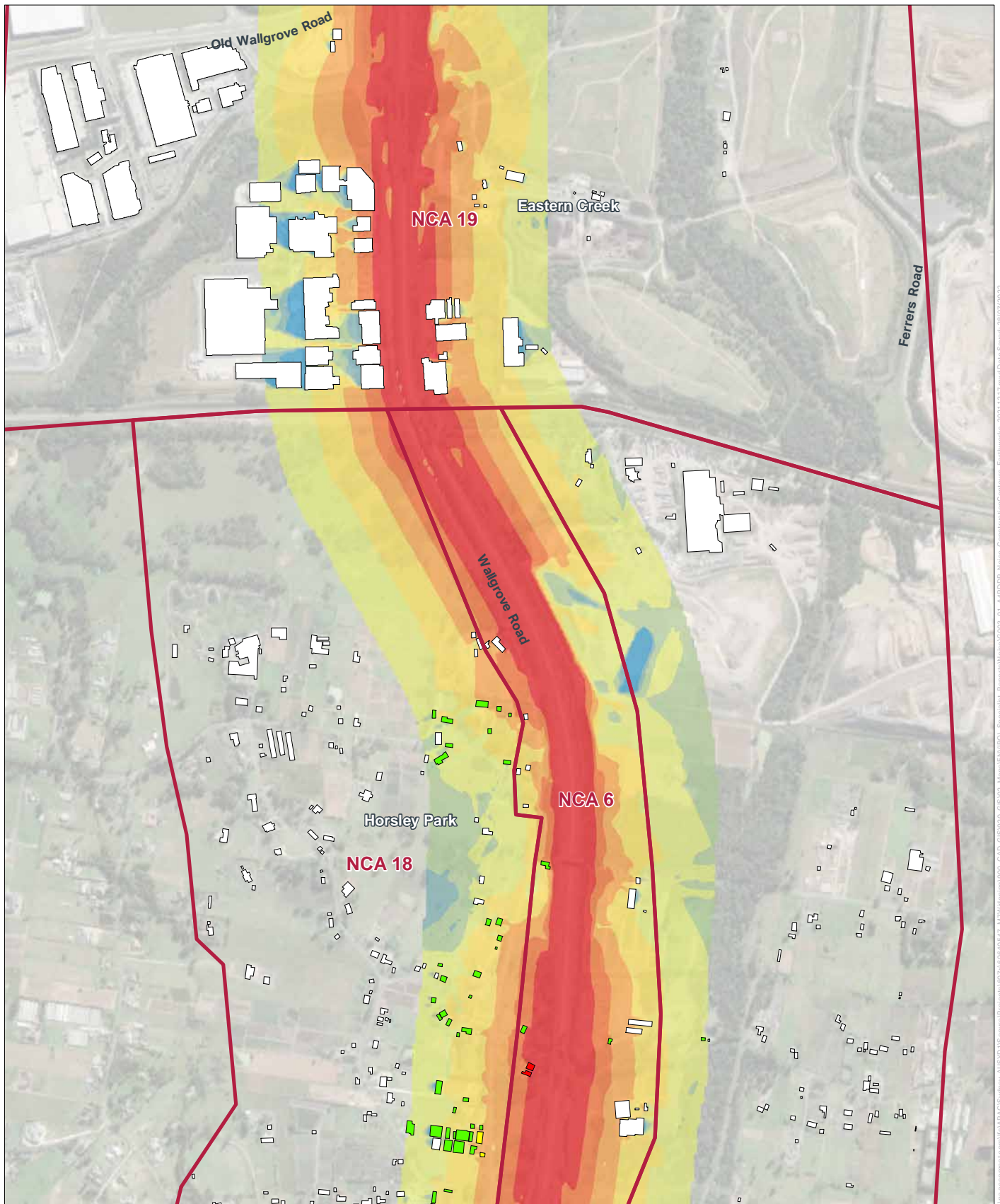


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M7 WIDENING CONSTRUCTION NOISE CONTOURS - EARTHWORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

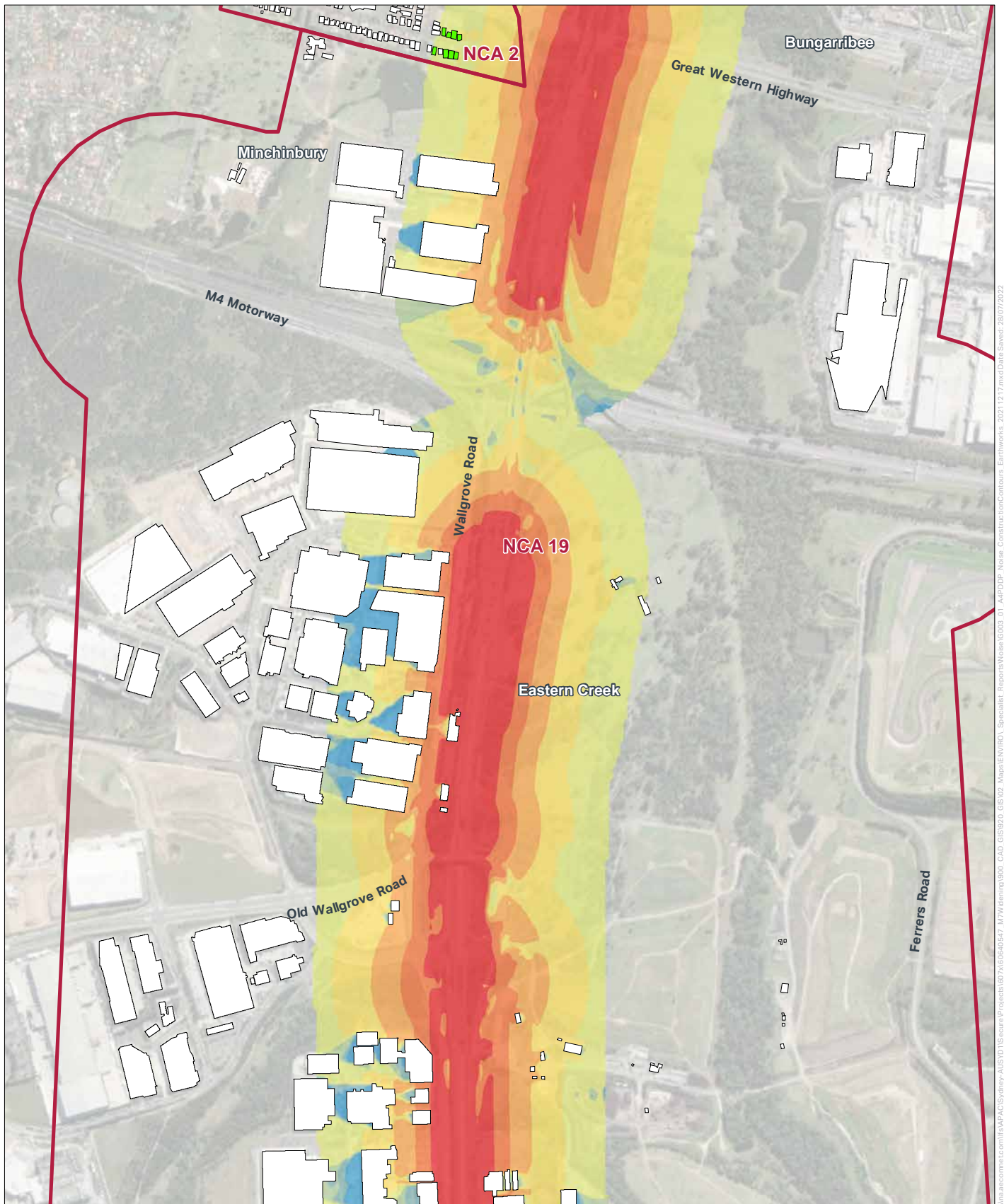
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- > 20

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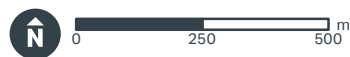
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M7 WIDENING CONSTRUCTION NOISE CONTOURS - EARTHWORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

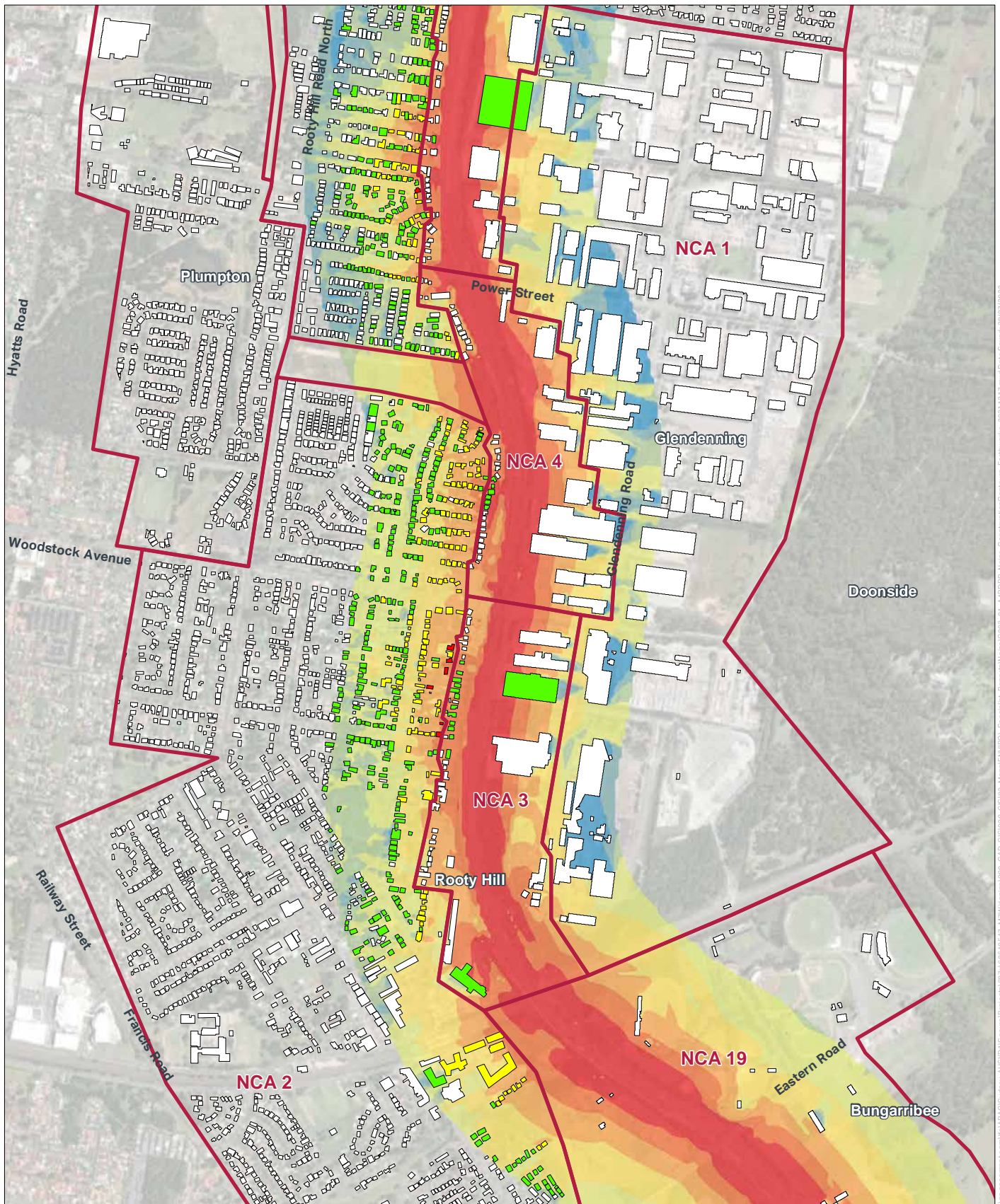
- 0
- 1 - 10
- 11 - 20
- > 20

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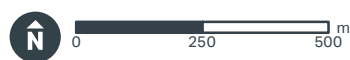
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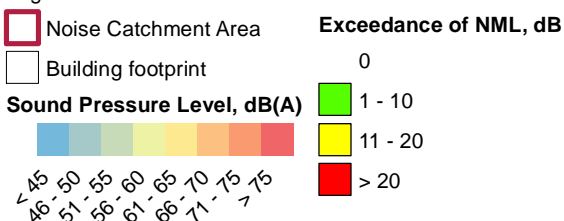


M7 WIDENING CONSTRUCTION NOISE CONTOURS - EARTHWORKS



AECOM

Legend

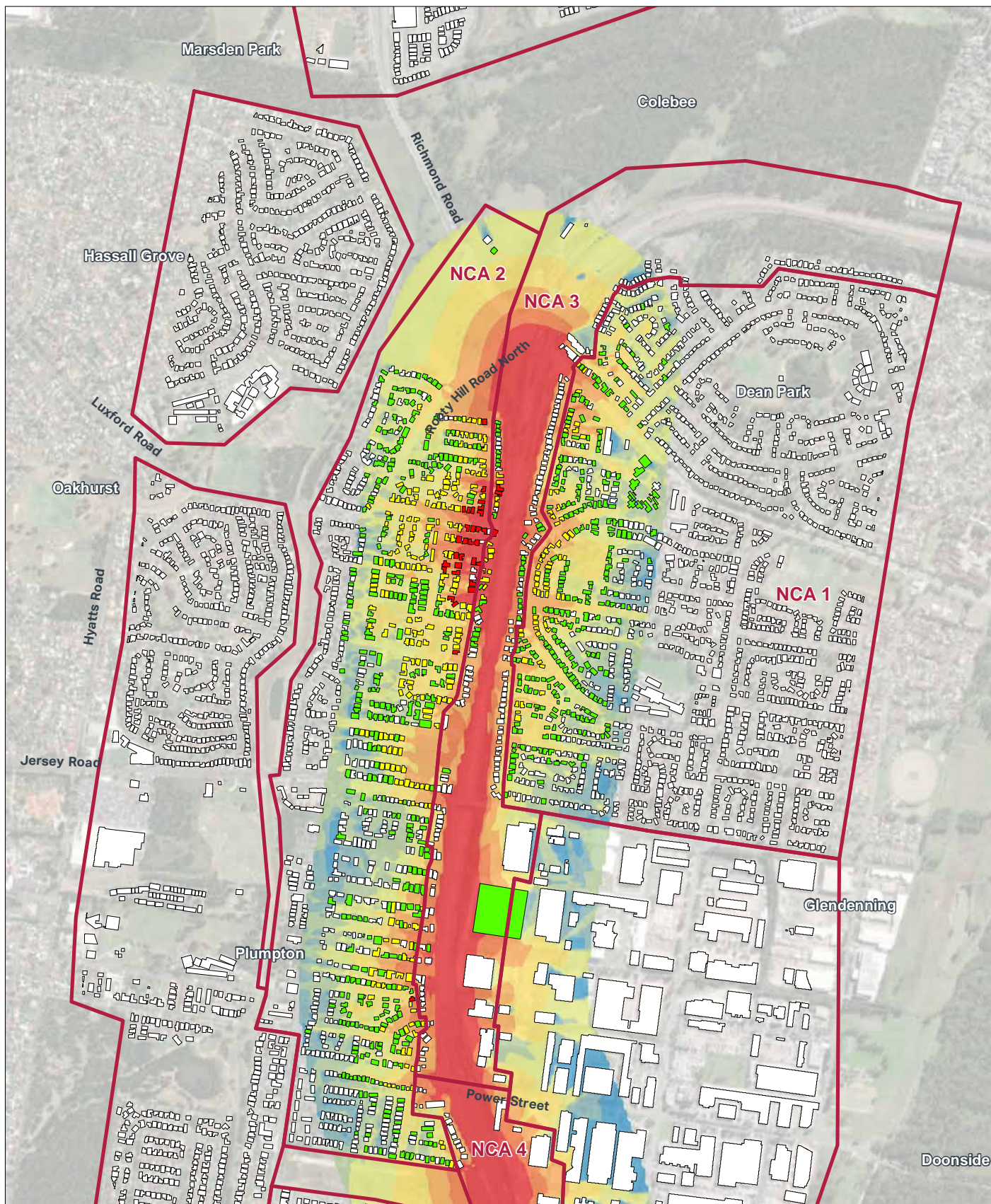


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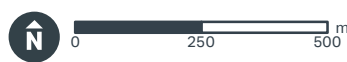
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M7 WIDENING CONSTRUCTION NOISE CONTOURS - EARTHWORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

- 0
- 1 - 10
- 11 - 20
- > 20

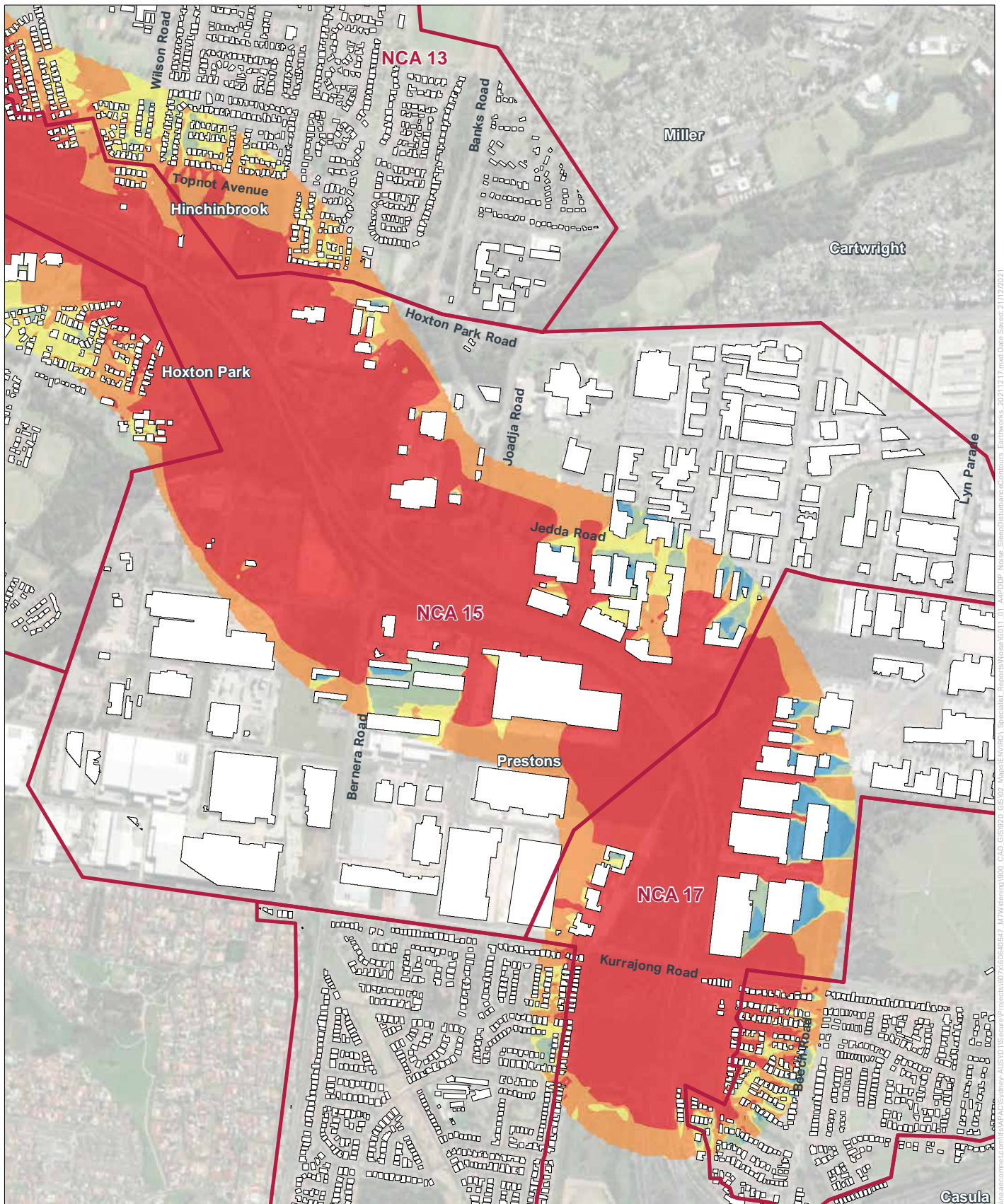
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via.aecom.com/IT/Map/AC/Sydney/ALSY015/secure/Projects/037A/03664547_M7Widening/0300_CAD_GIS/020_GIS/02_Specialist_Reports/Noise/0203_01_ASPDP_Noise_ConstructionContours_Earthworks_20211217.mxd Date Saved: 28/07/2022



M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

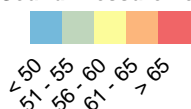


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

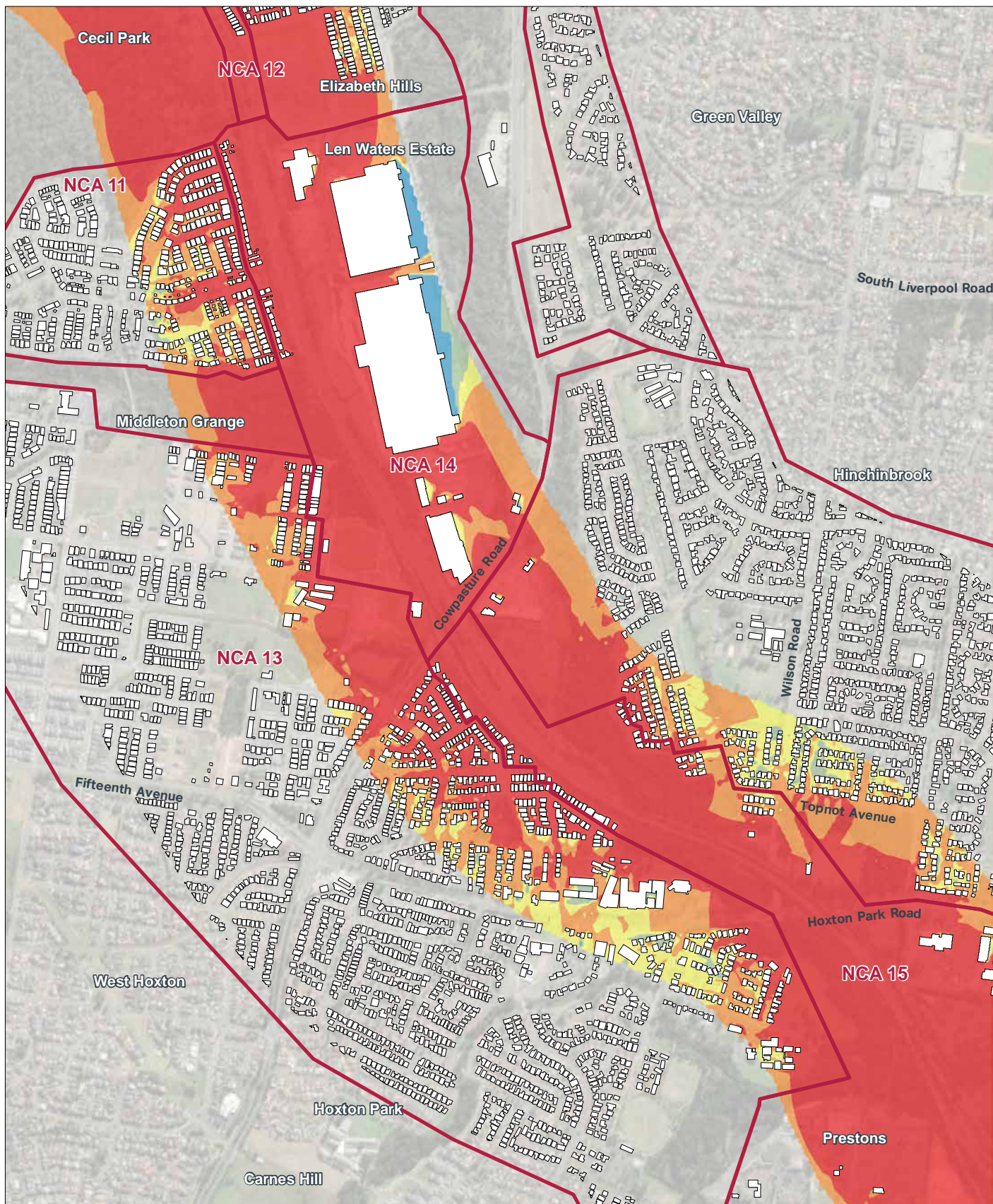


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

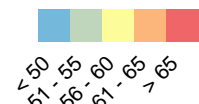


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

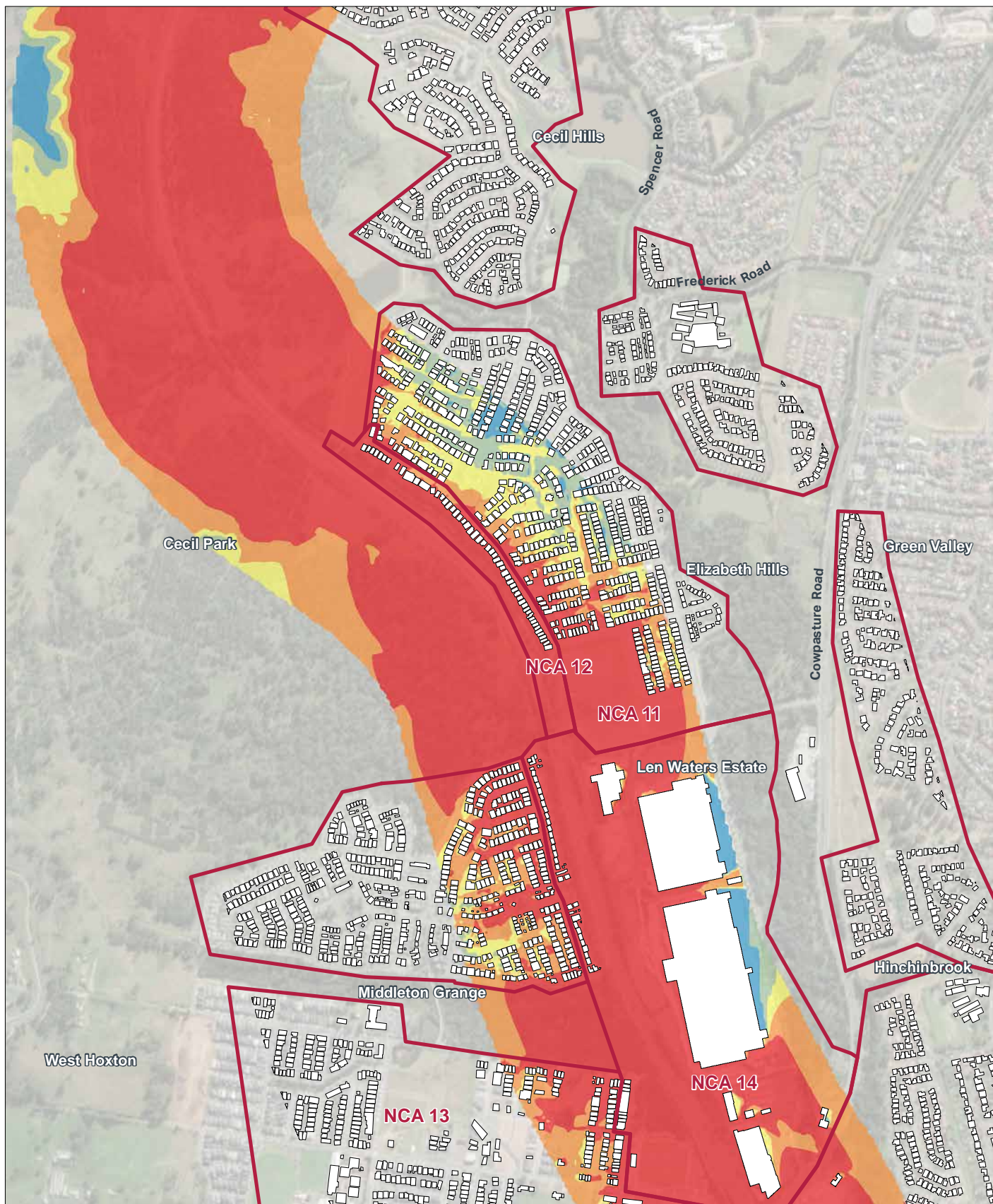


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

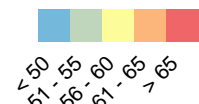


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

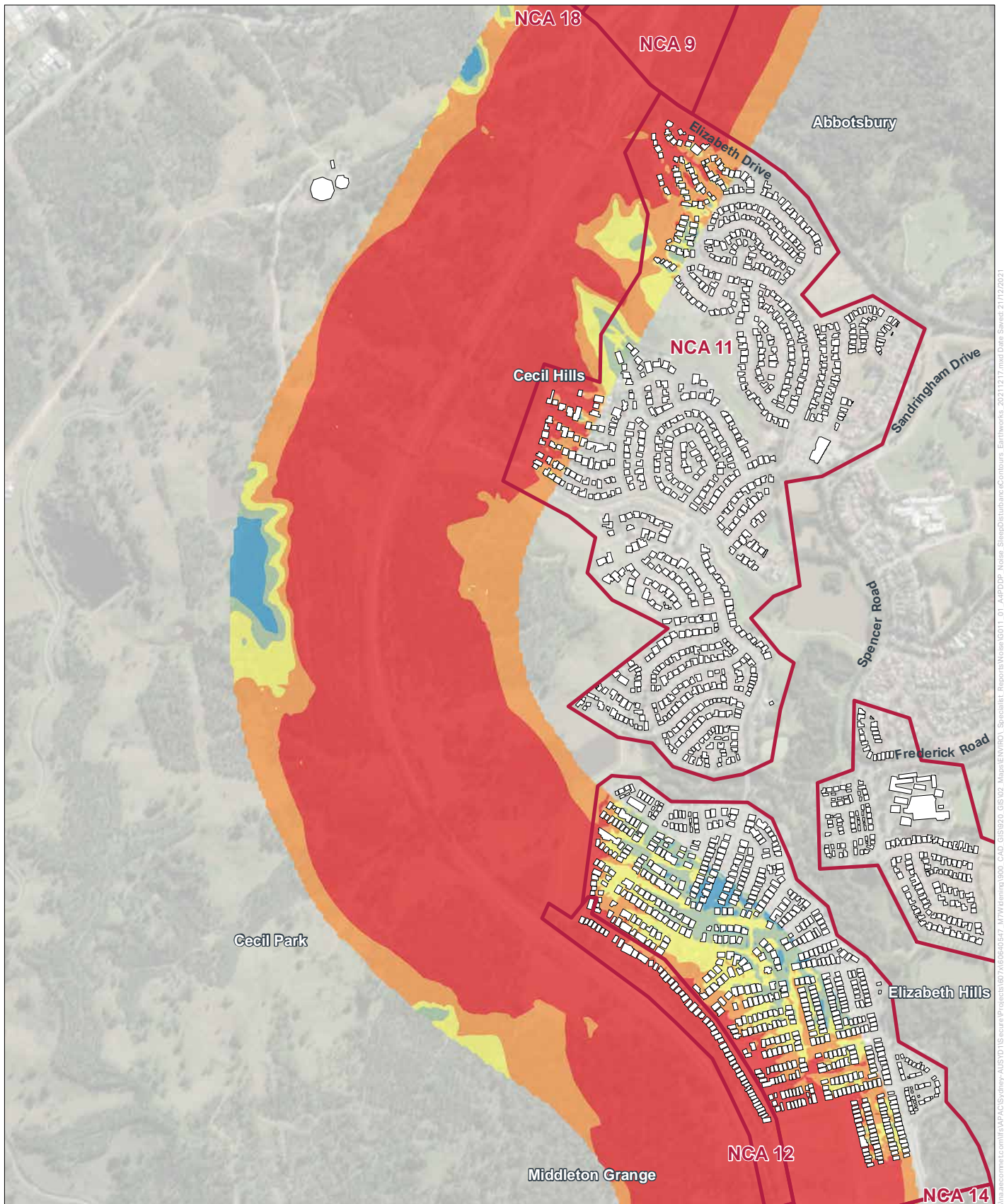


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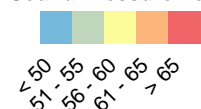


M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



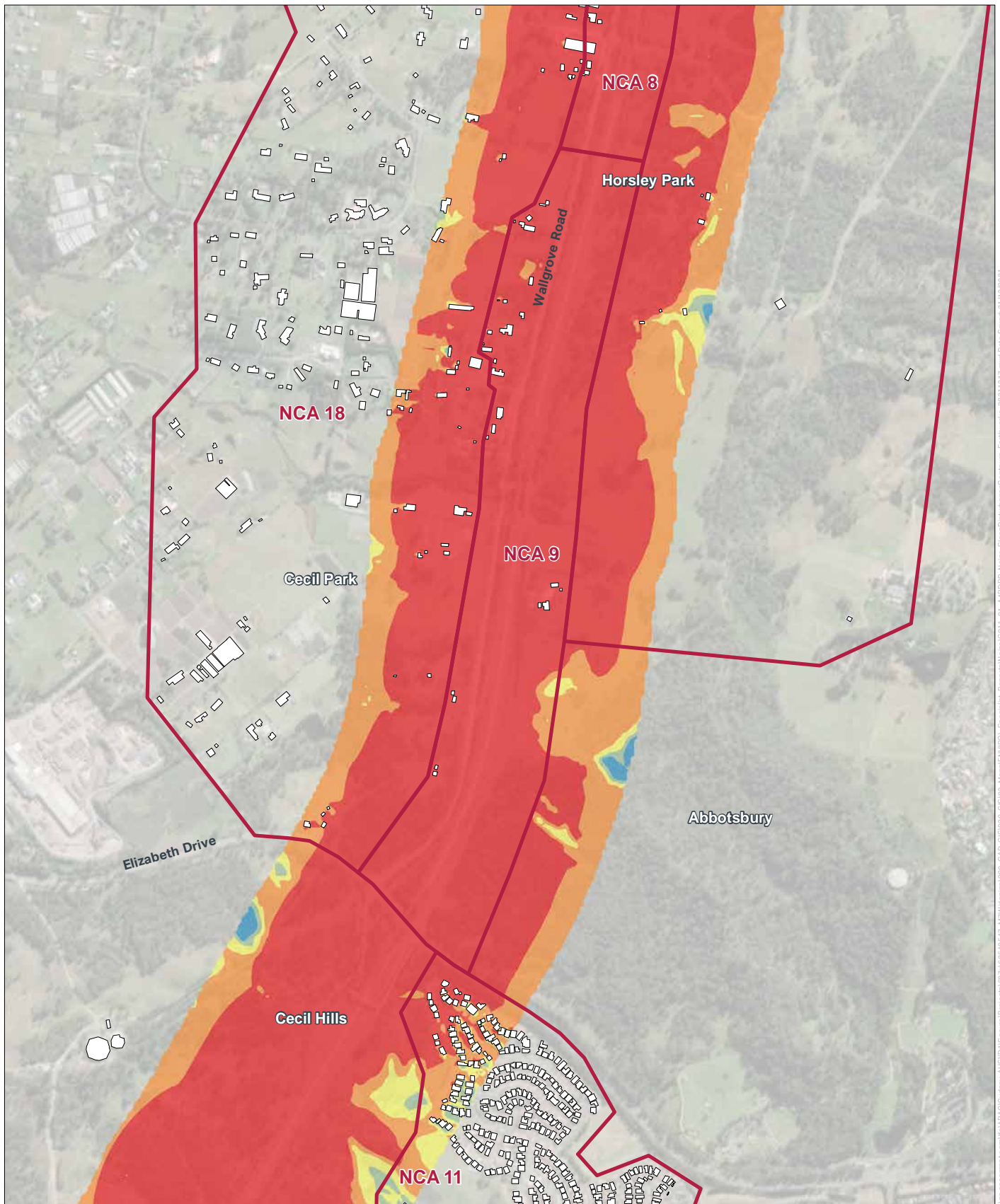
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

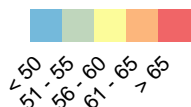


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

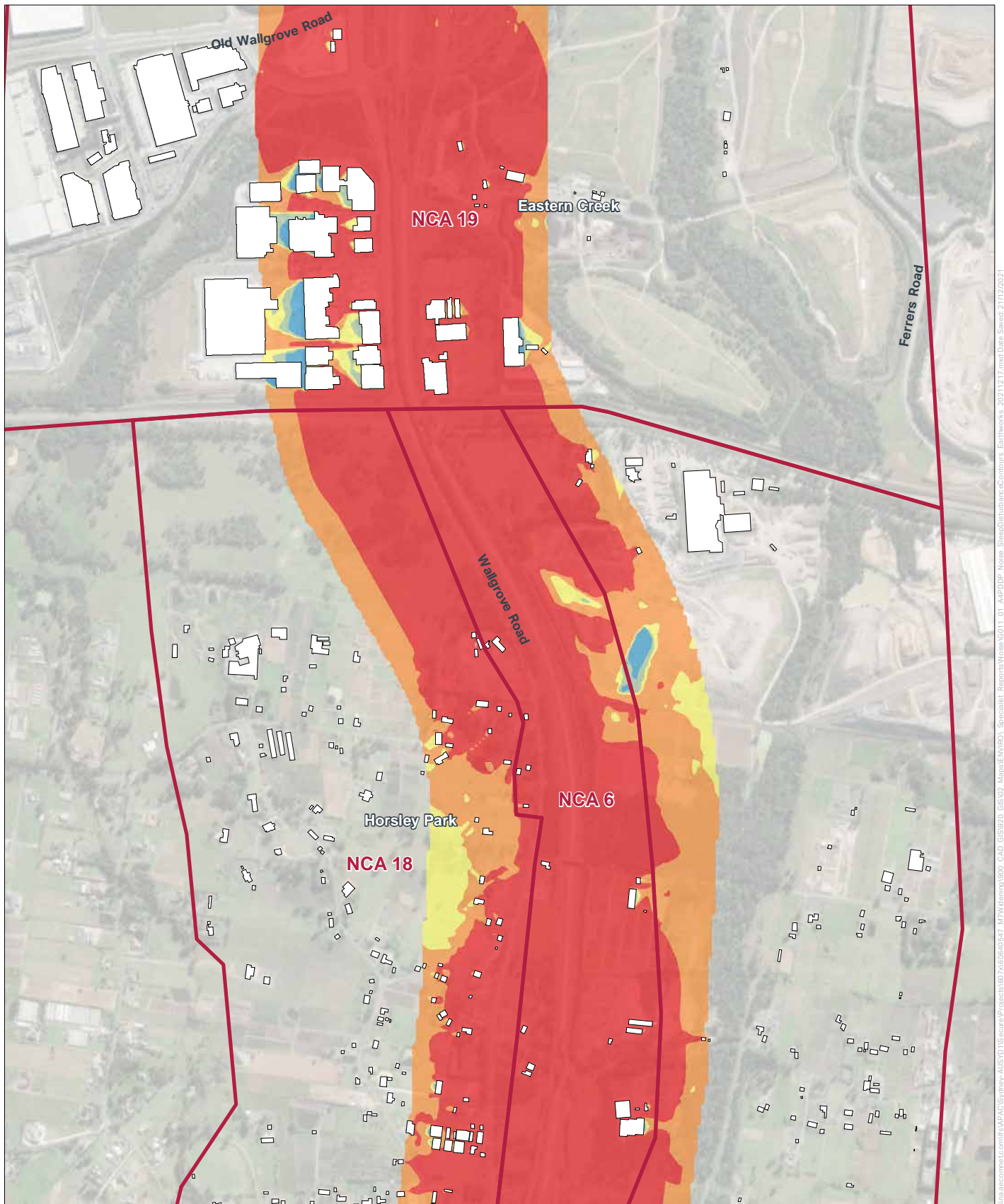


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

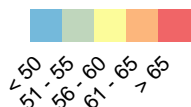


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

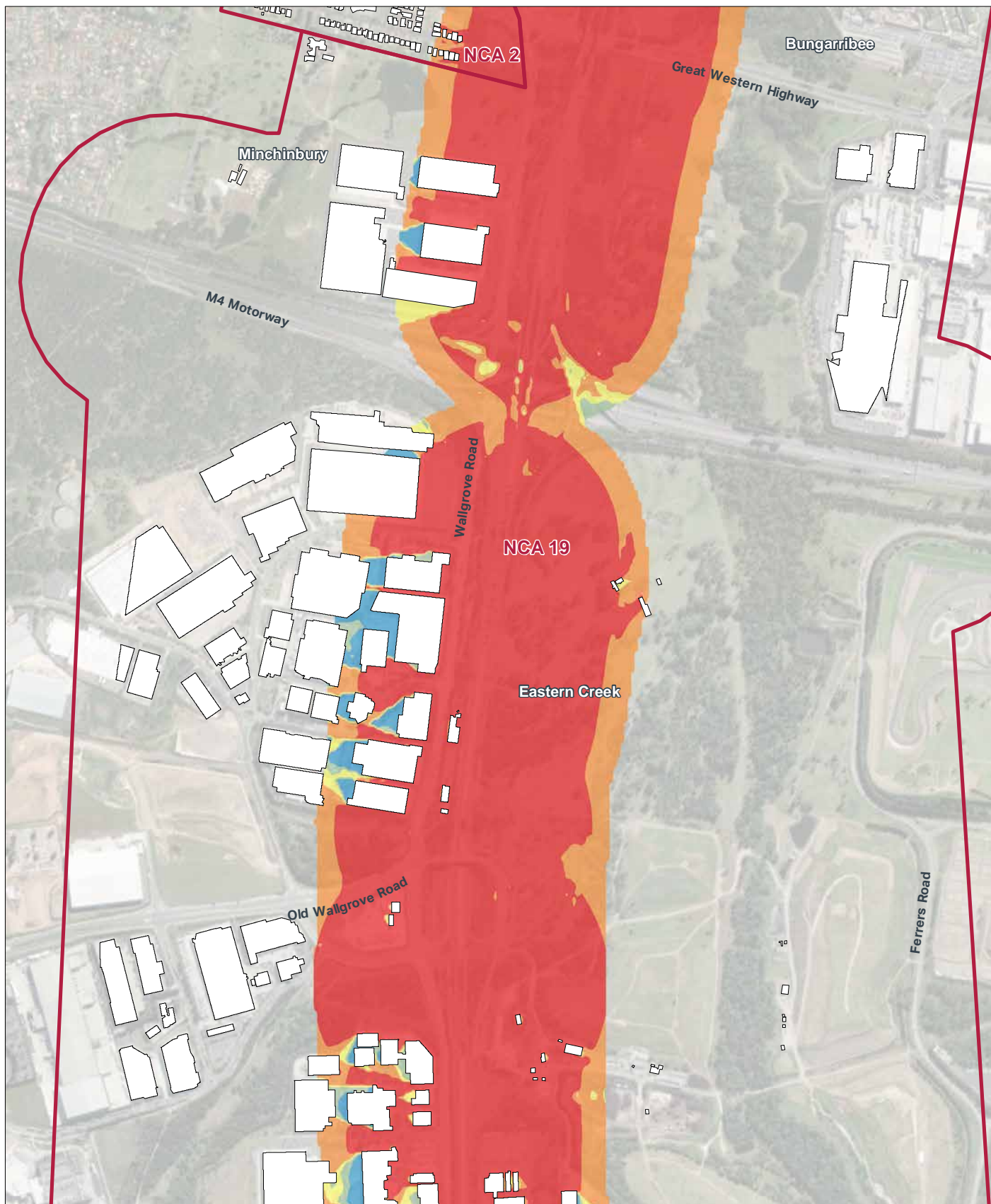


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

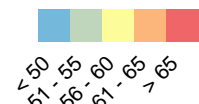


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

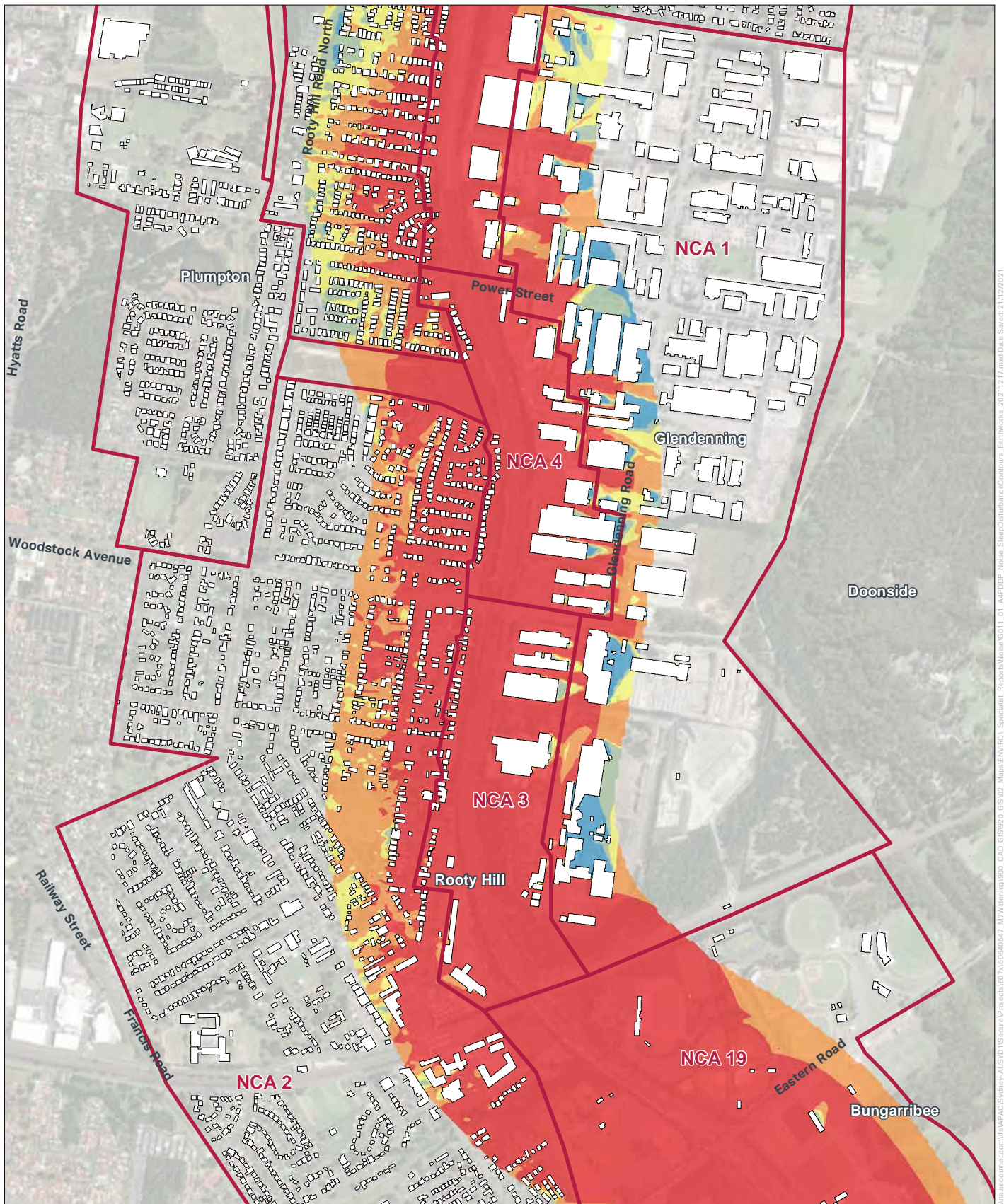


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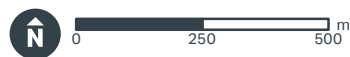
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

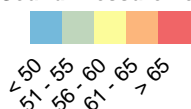


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

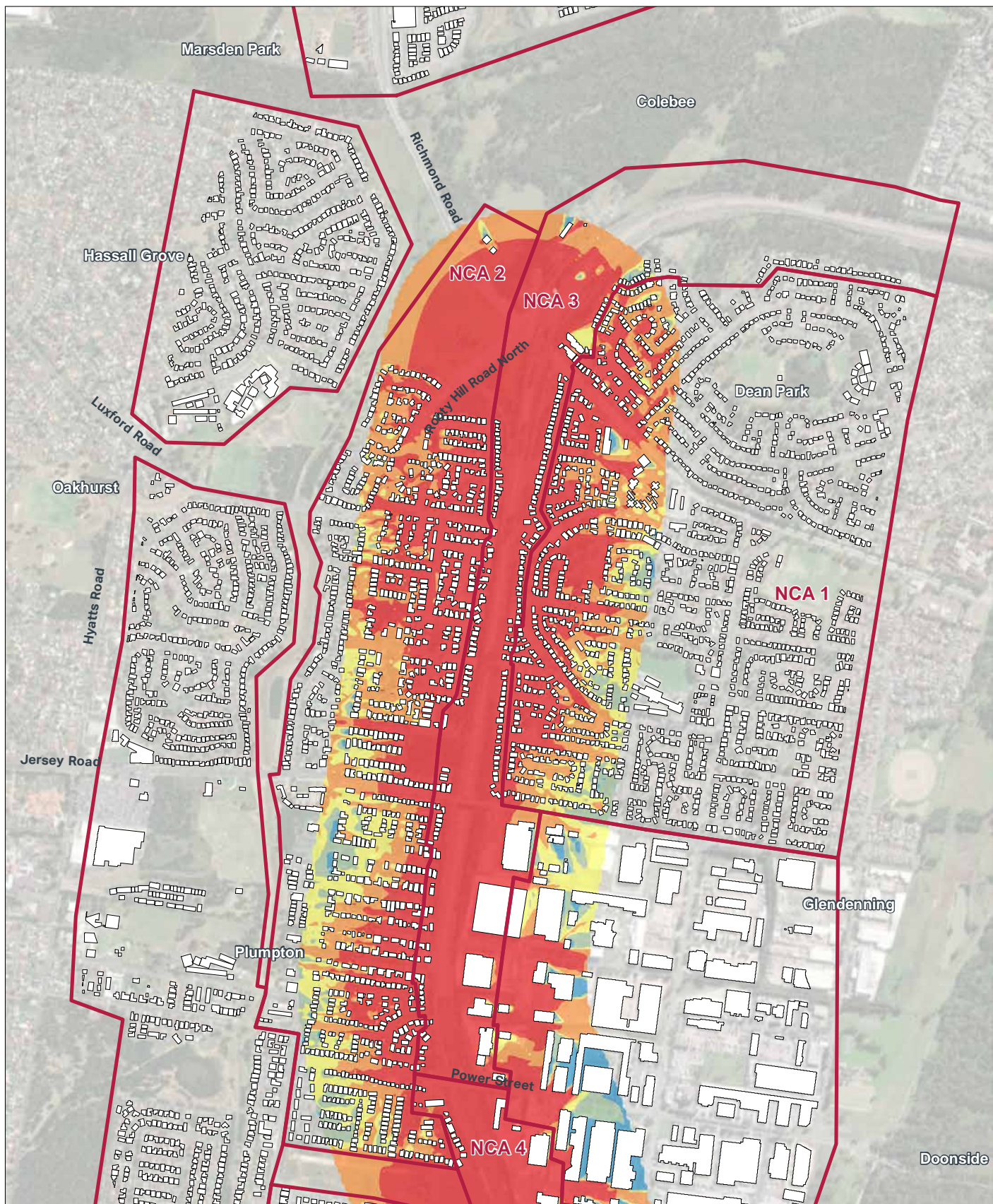


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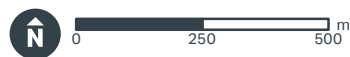
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - EARTHWORKS

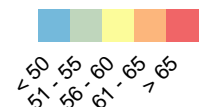


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

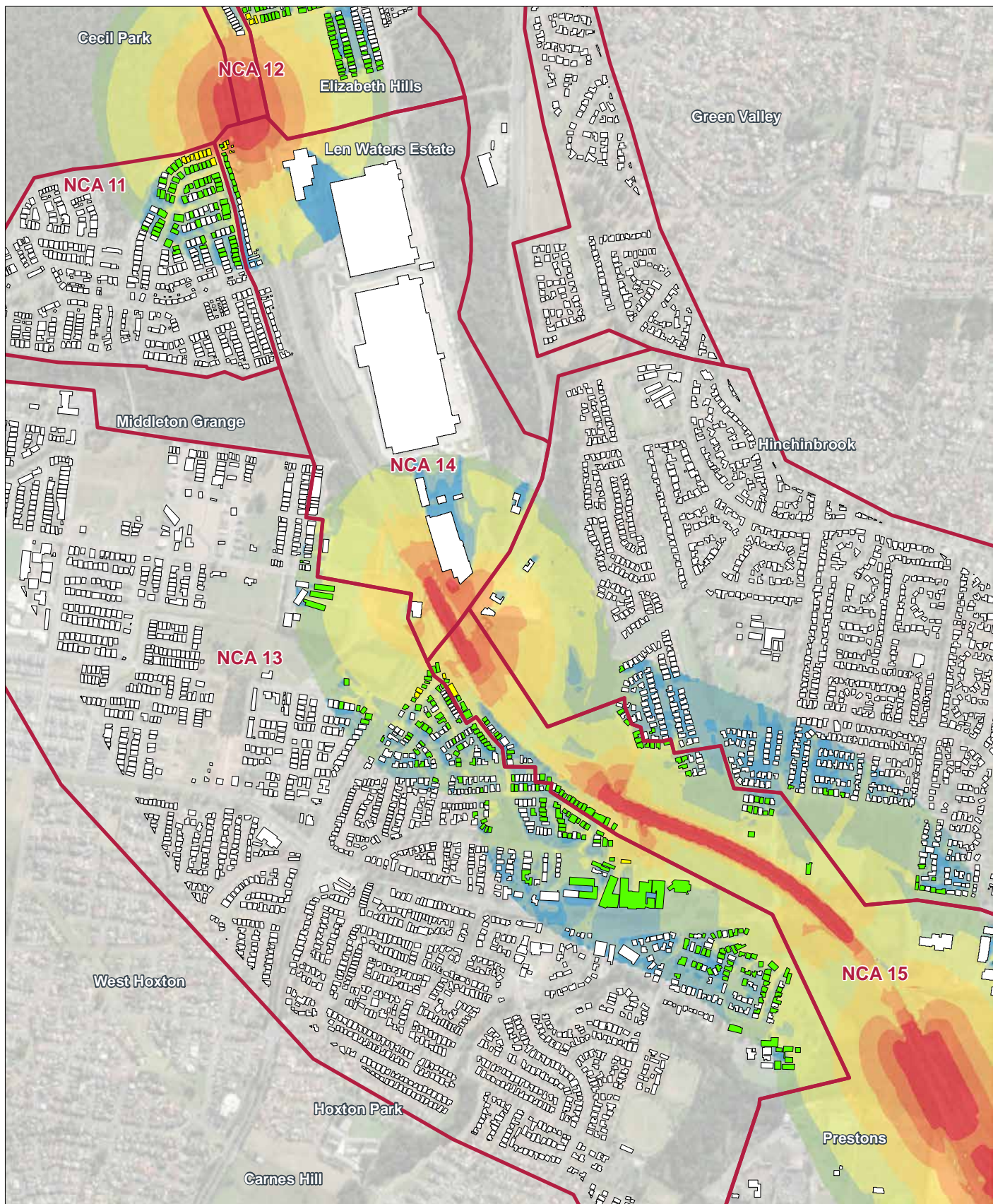


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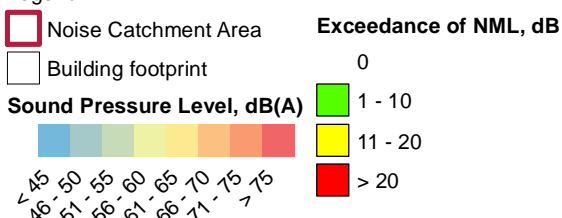


M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS



AECOM

Legend



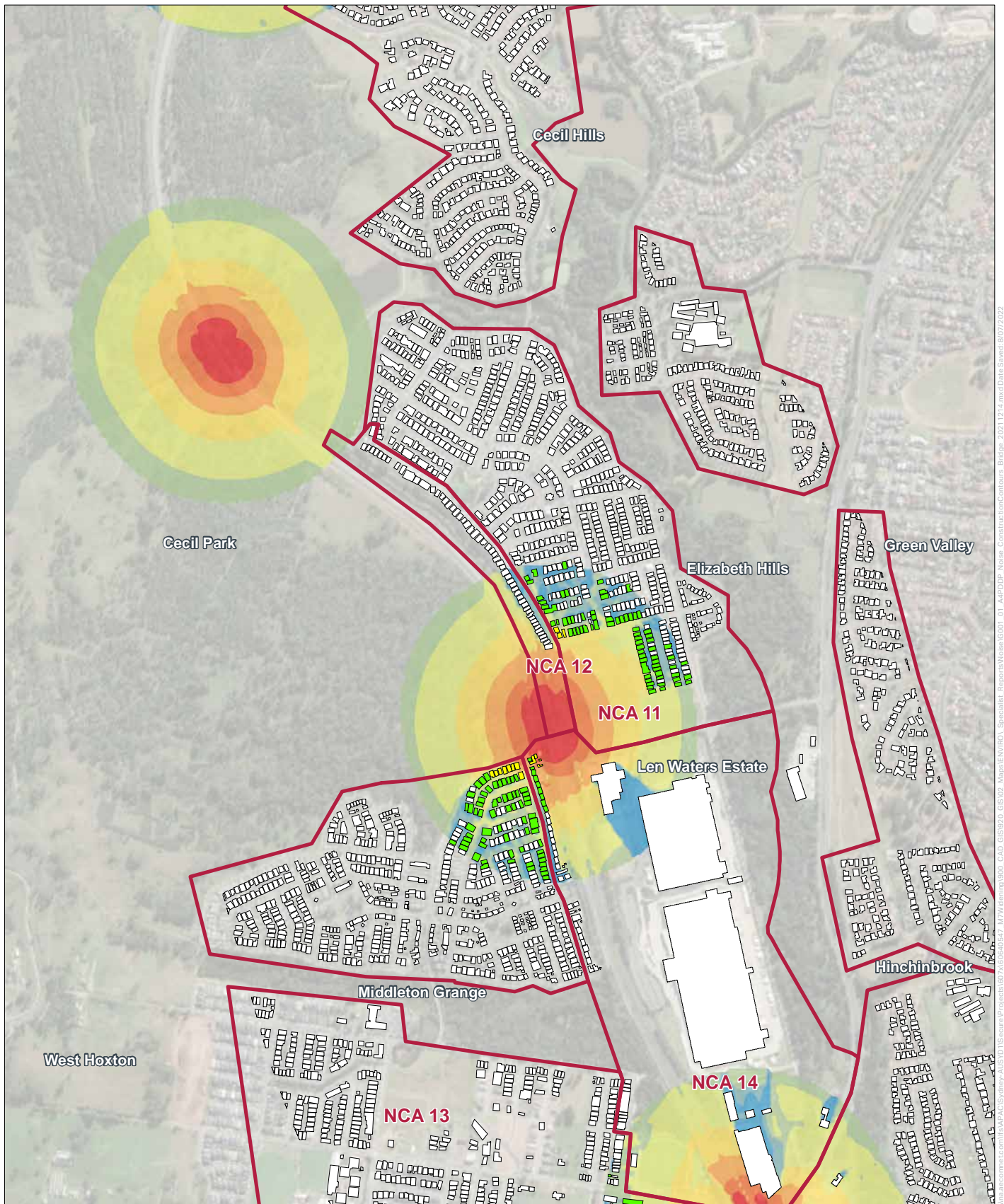
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M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

- 0
- 1 - 10
- 11 - 20
- > 20

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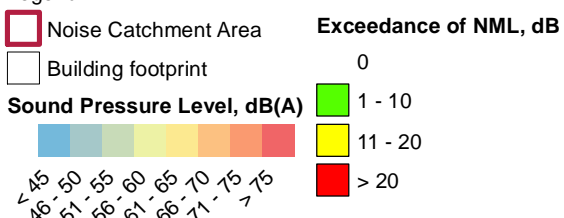


M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS



AECOM

Legend



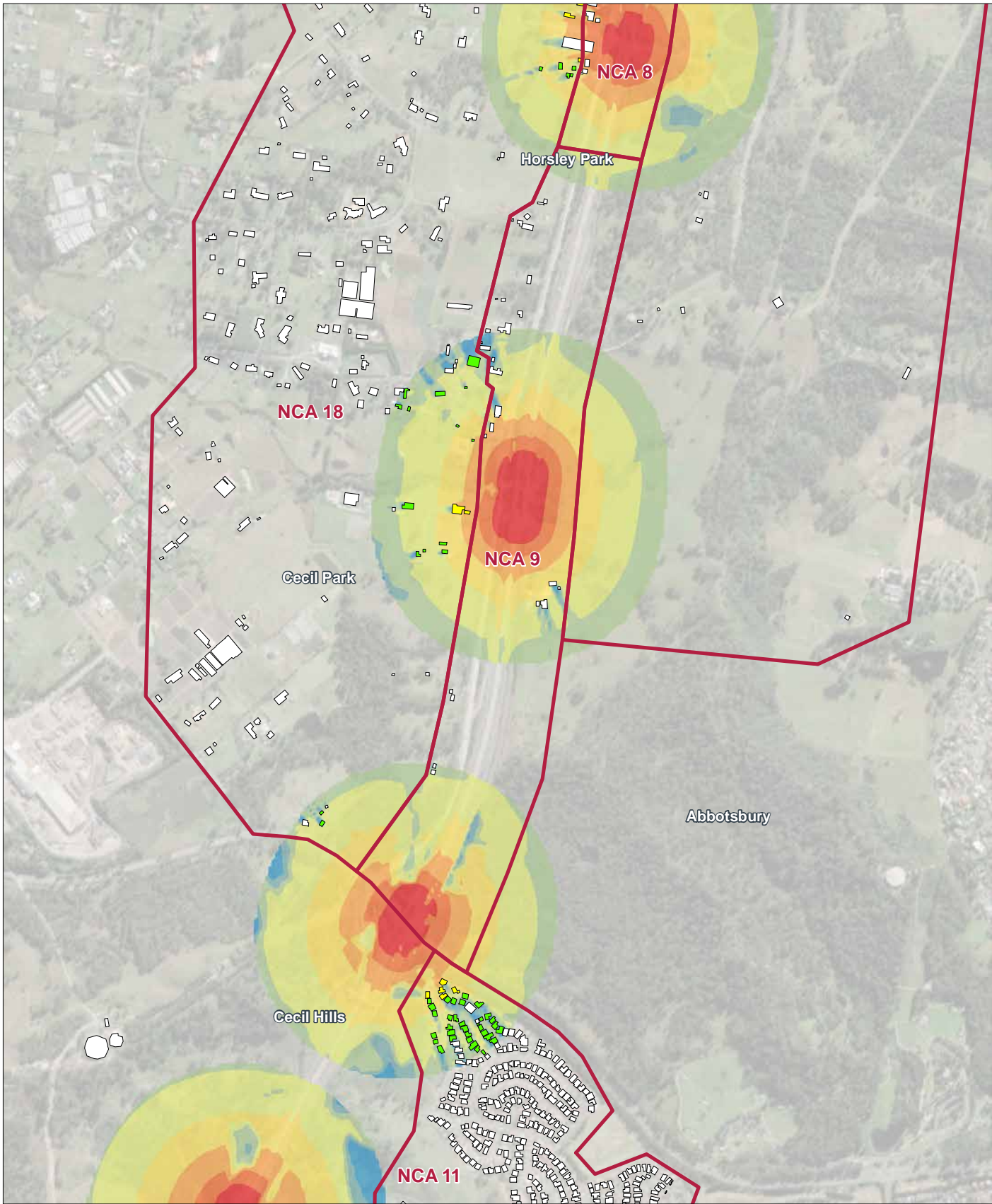
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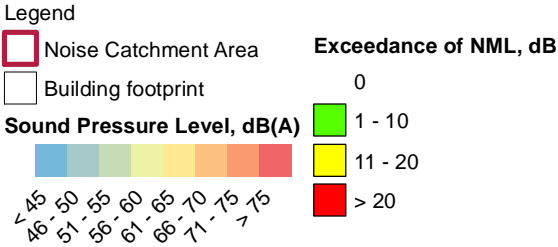
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M7 WIDENING
CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS

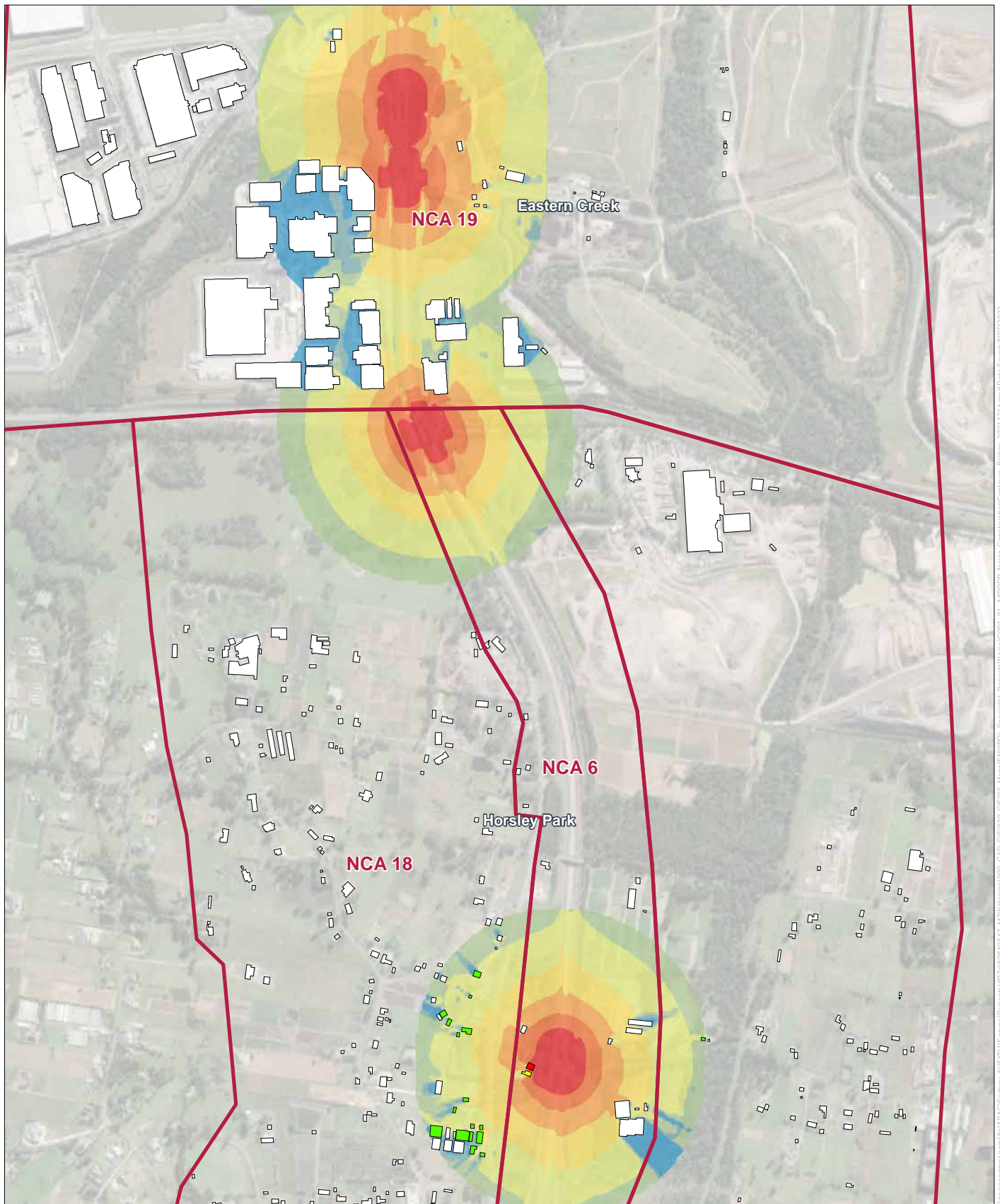


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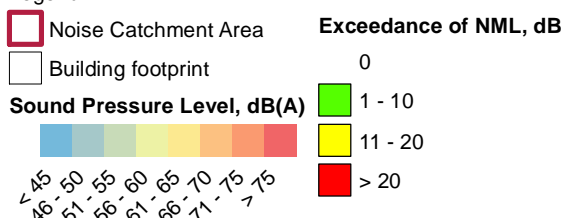


M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS



AECOM

Legend

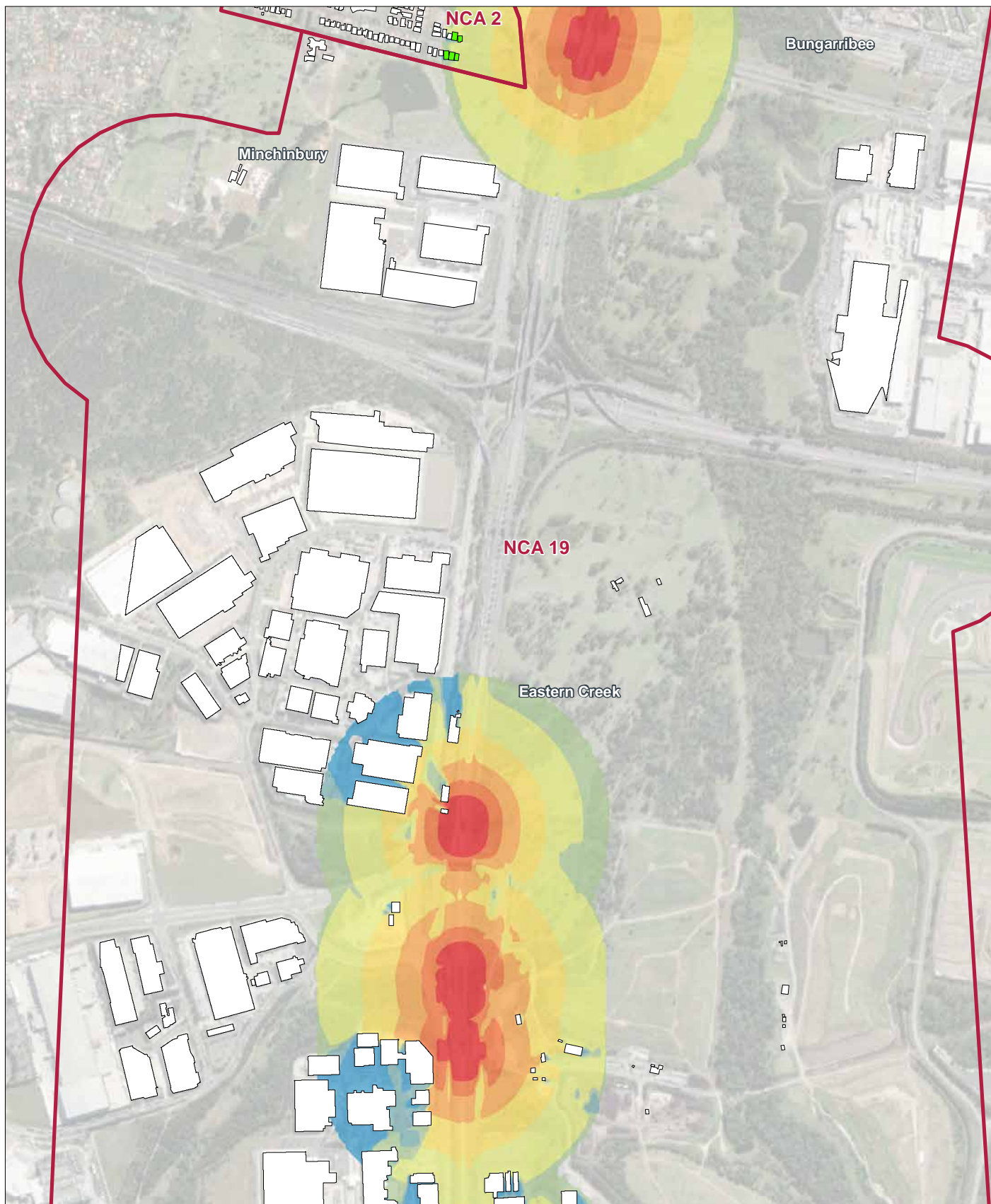


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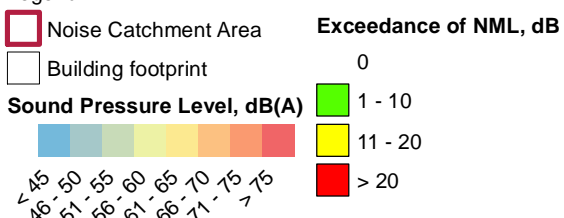


M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS



AECOM

Legend



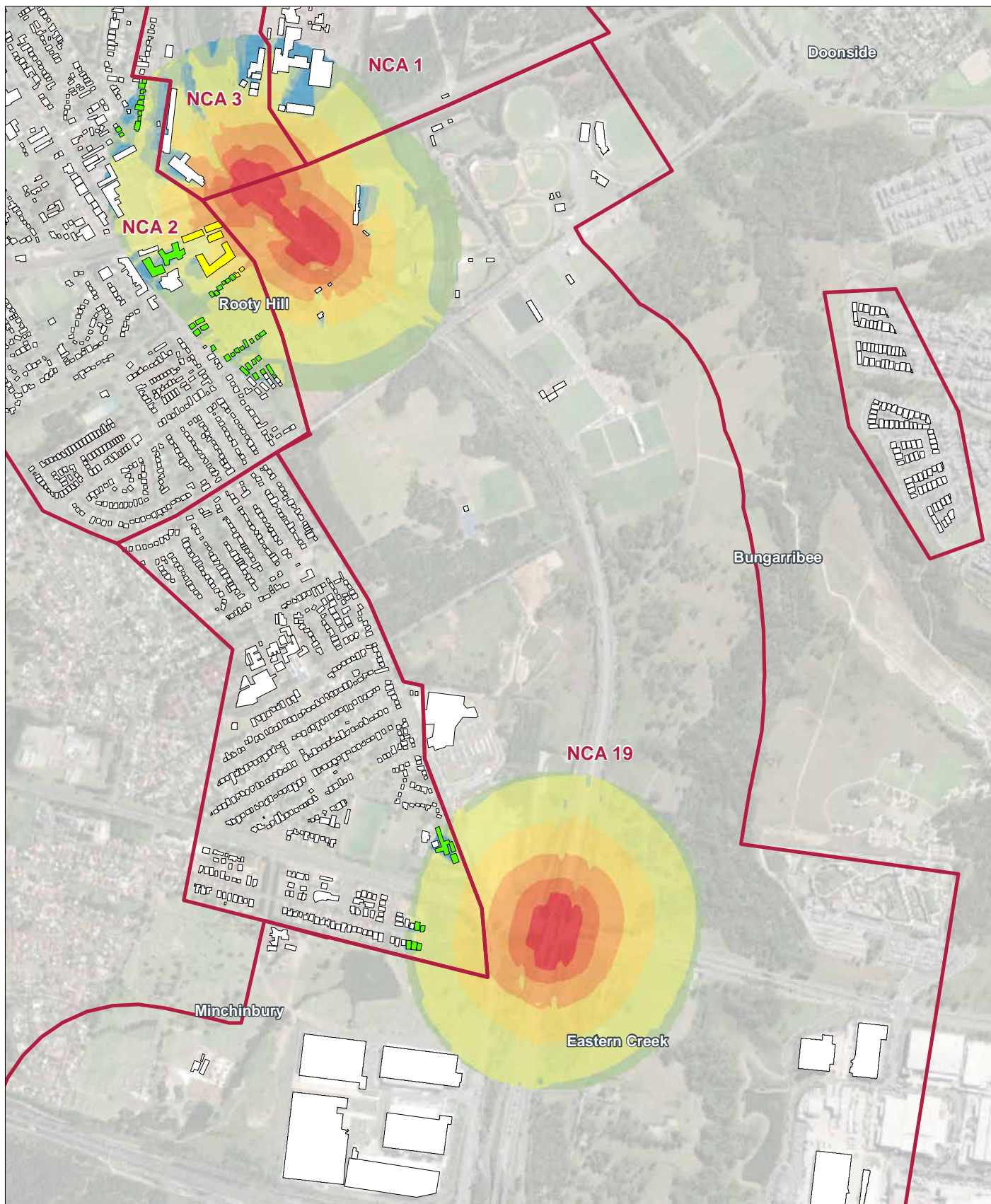
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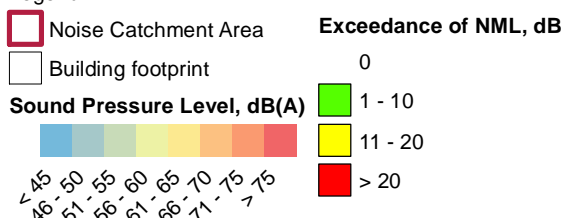


M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS



AECOM

Legend



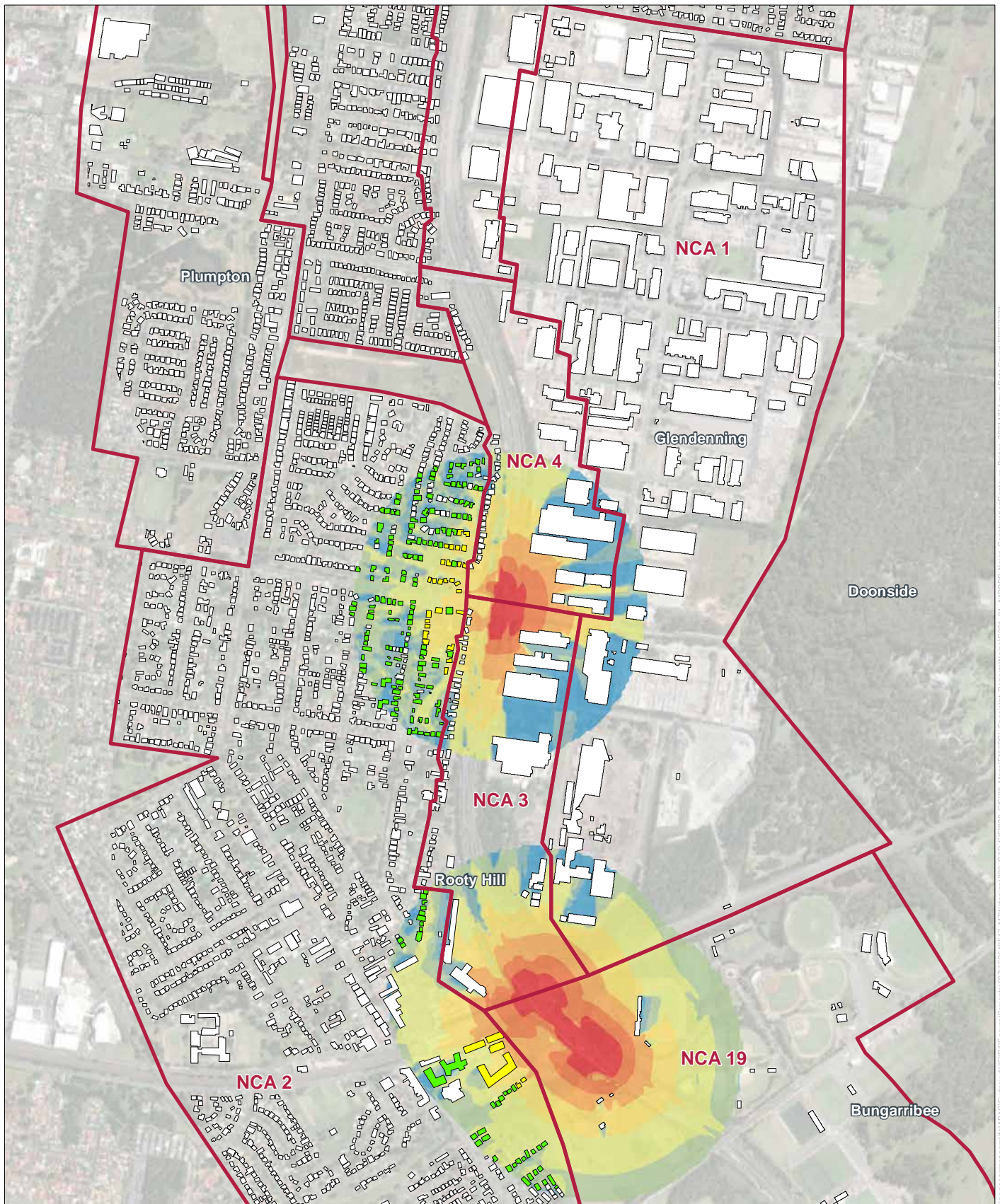
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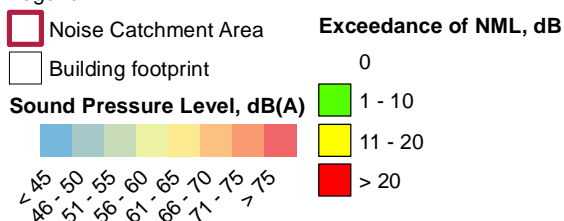
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M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS

Legend



AECOM

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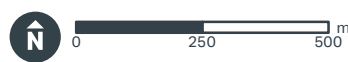
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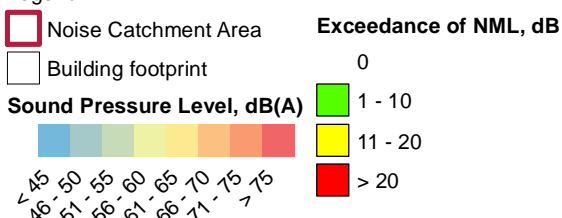


M7 WIDENING CONSTRUCTION NOISE CONTOURS - BRIDGE WORKS



AECOM

Legend

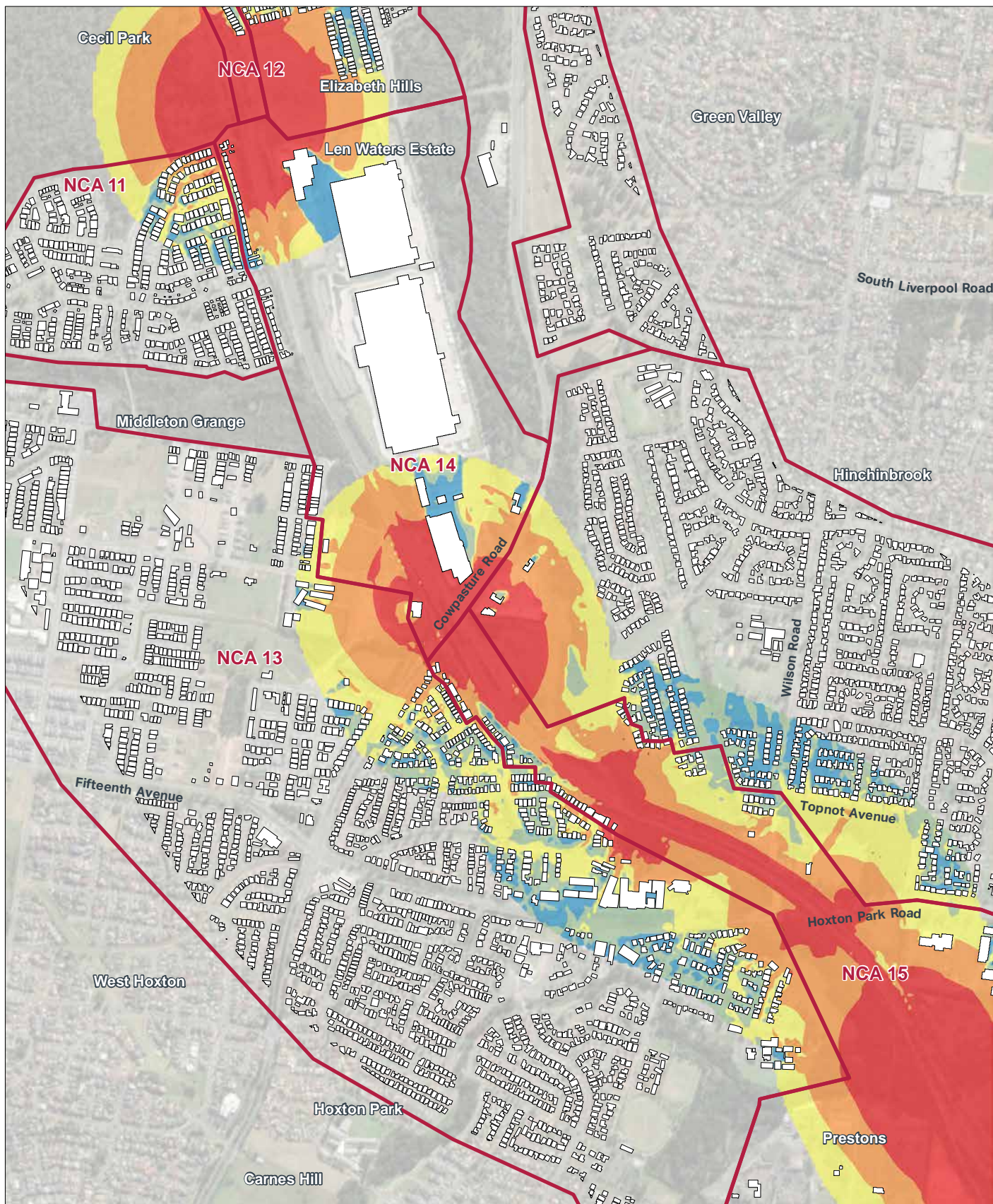


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - BRIDGE WORKS

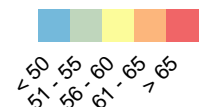


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

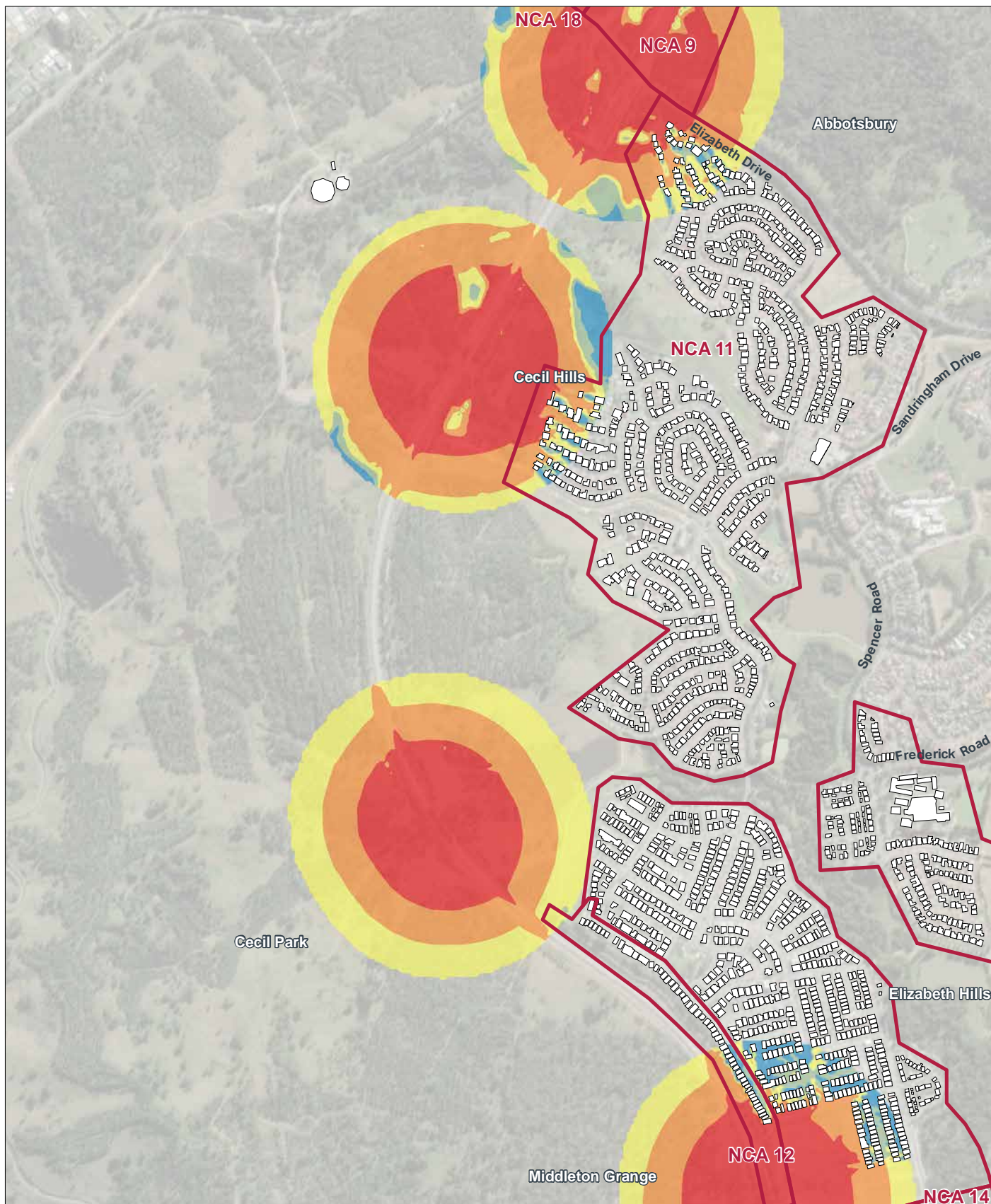


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - BRIDGE WORKS

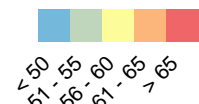


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

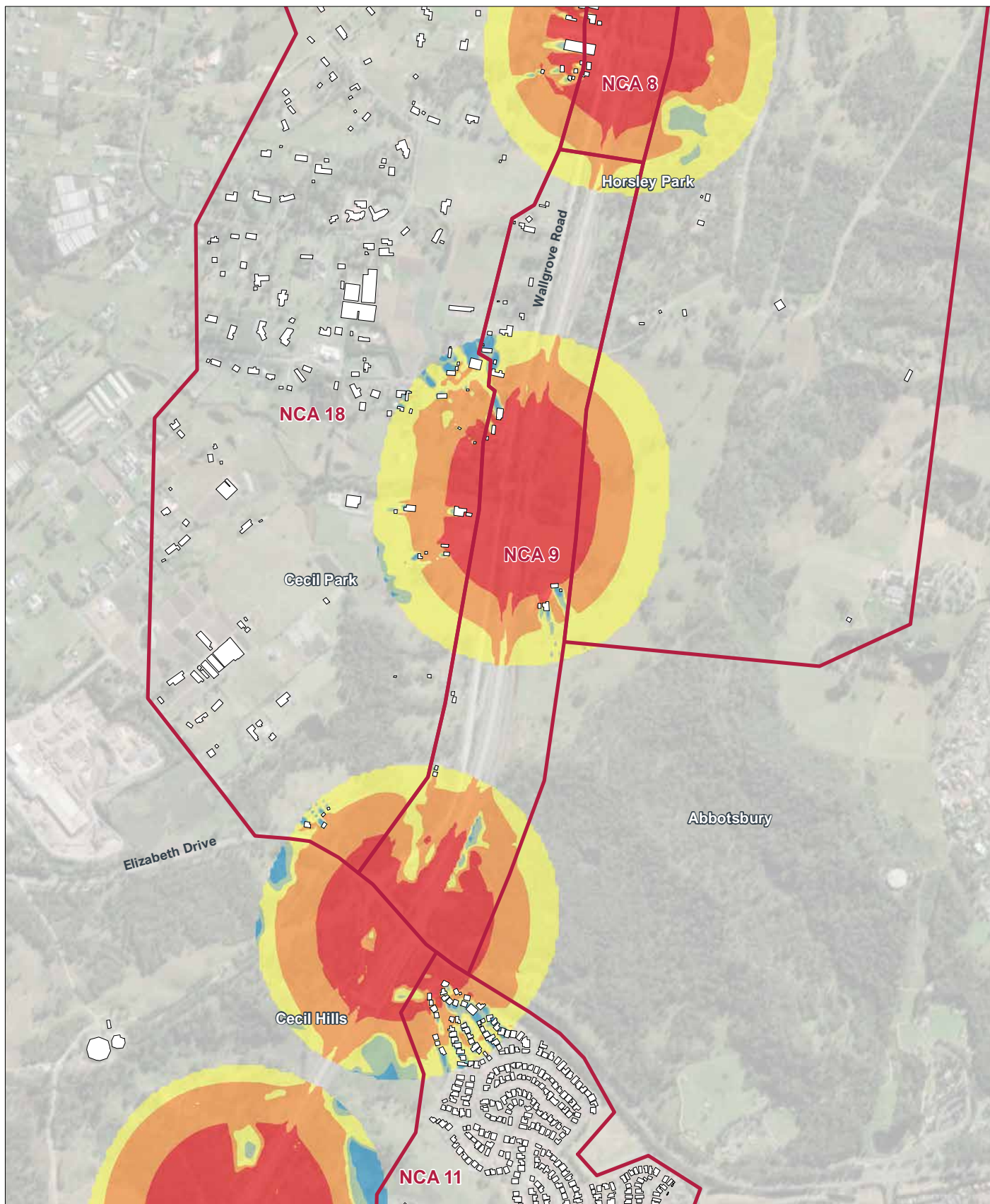


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - BRIDGE WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



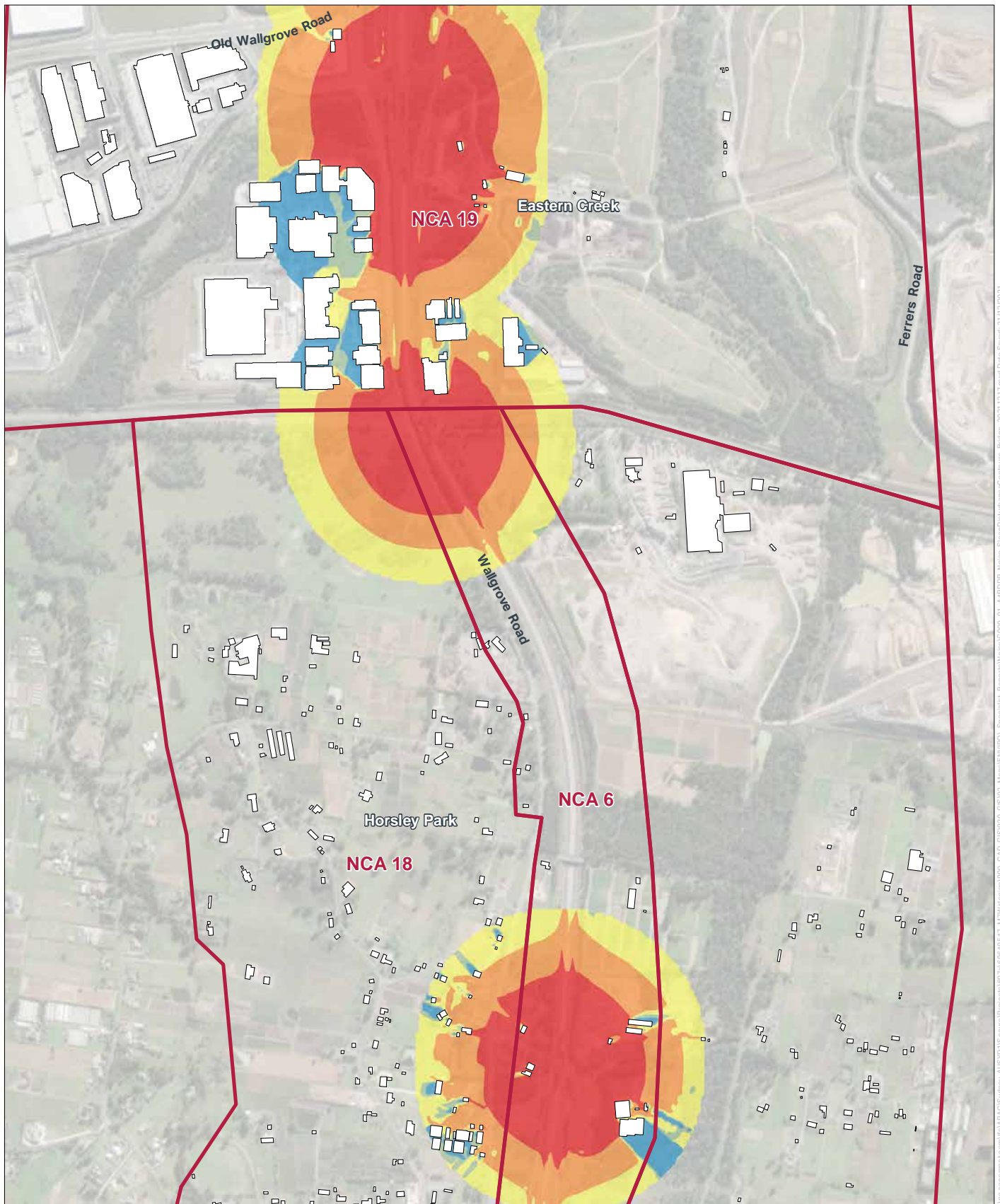
50 55 60 65
51 56 61 66

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M7 WIDENING SLEEP DISTURBANCE CONTOURS - BRIDGE WORKS

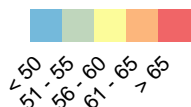


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



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M7 WIDENING
SLEEP DISTURBANCE CONTOURS - BRIDGE WORKS

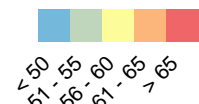


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

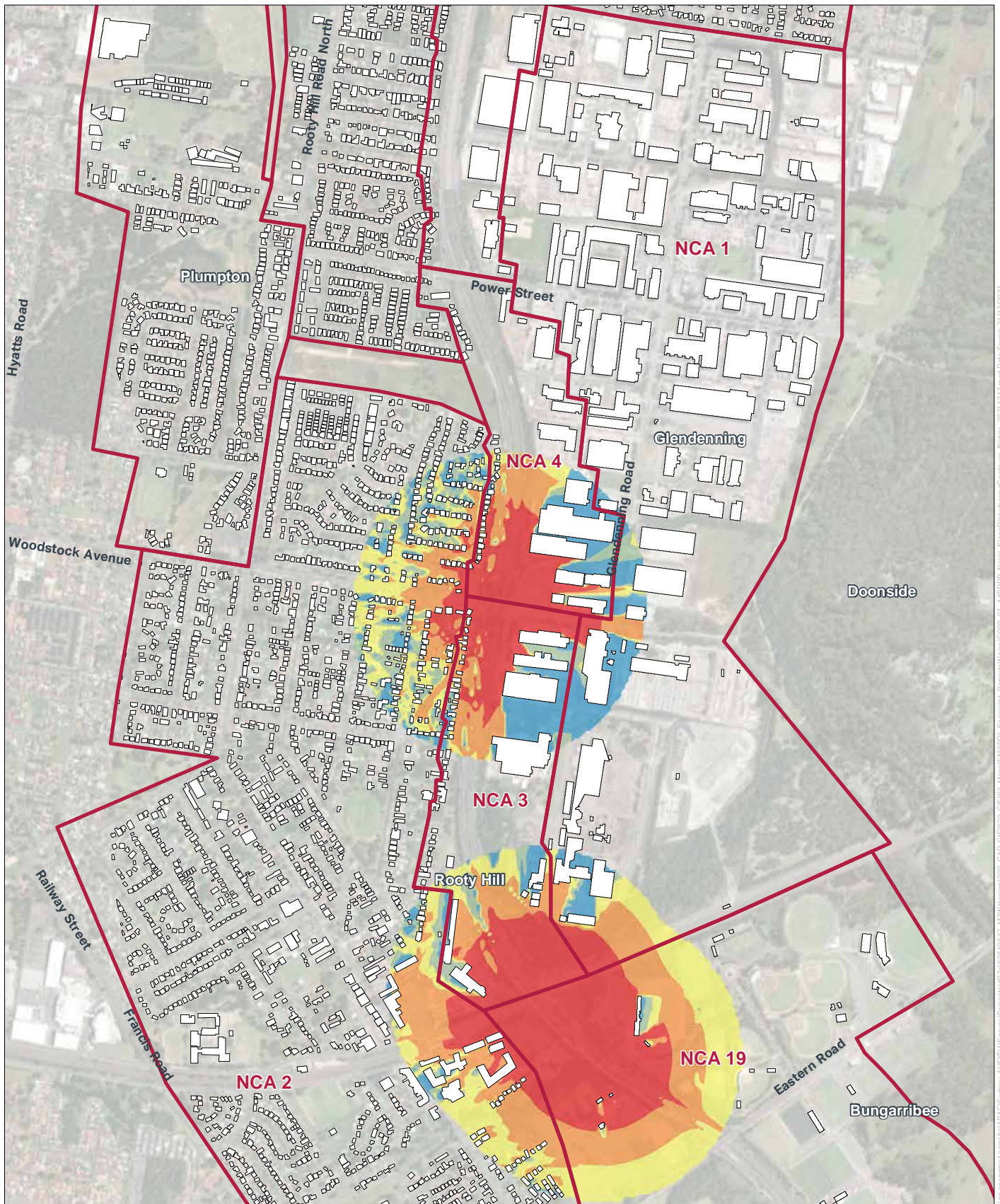


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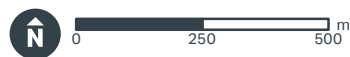
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - BRIDGE WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



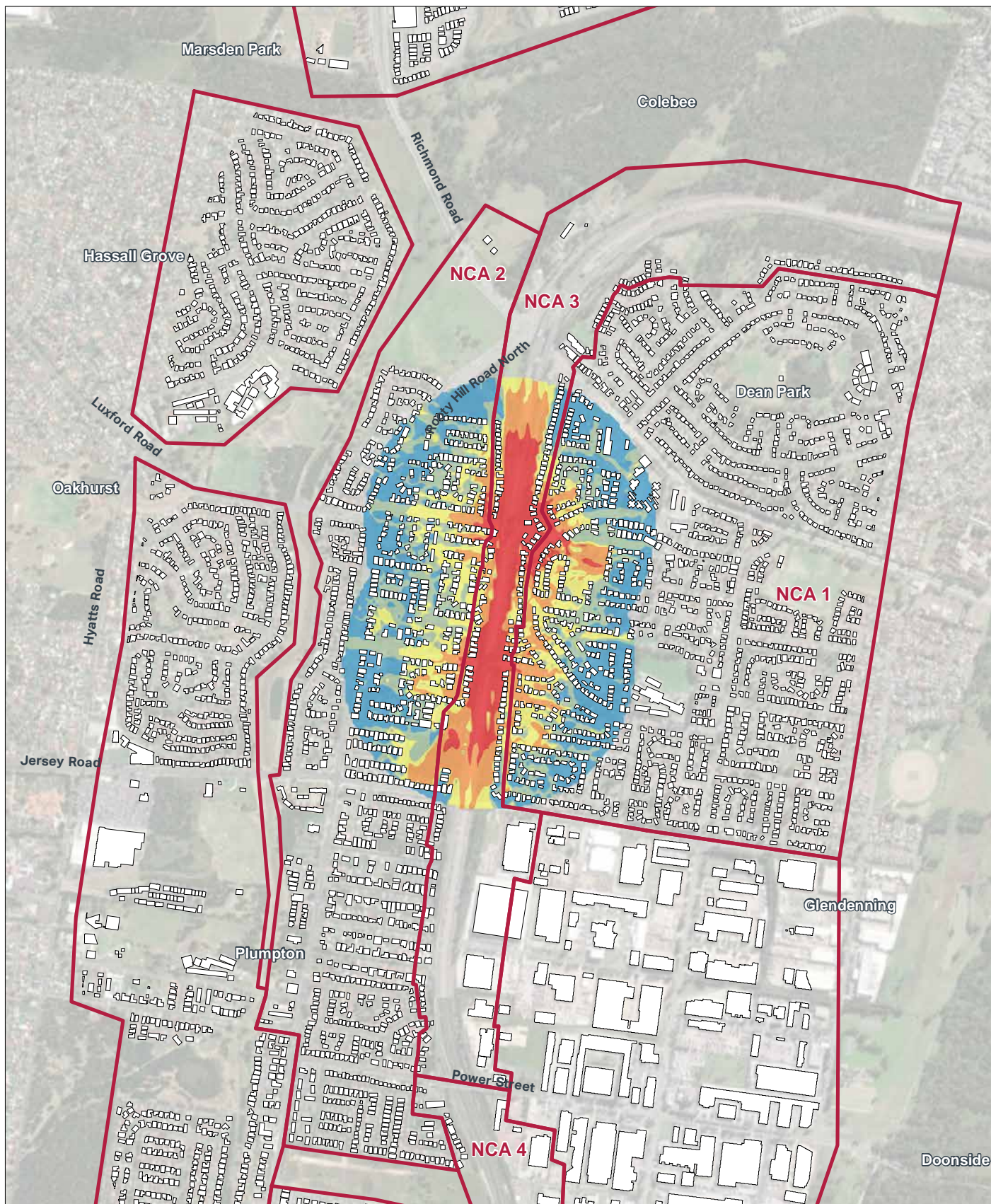
< 50
 51 - 55
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 61 - 65
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - BRIDGE WORKS

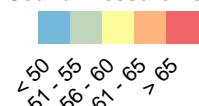


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

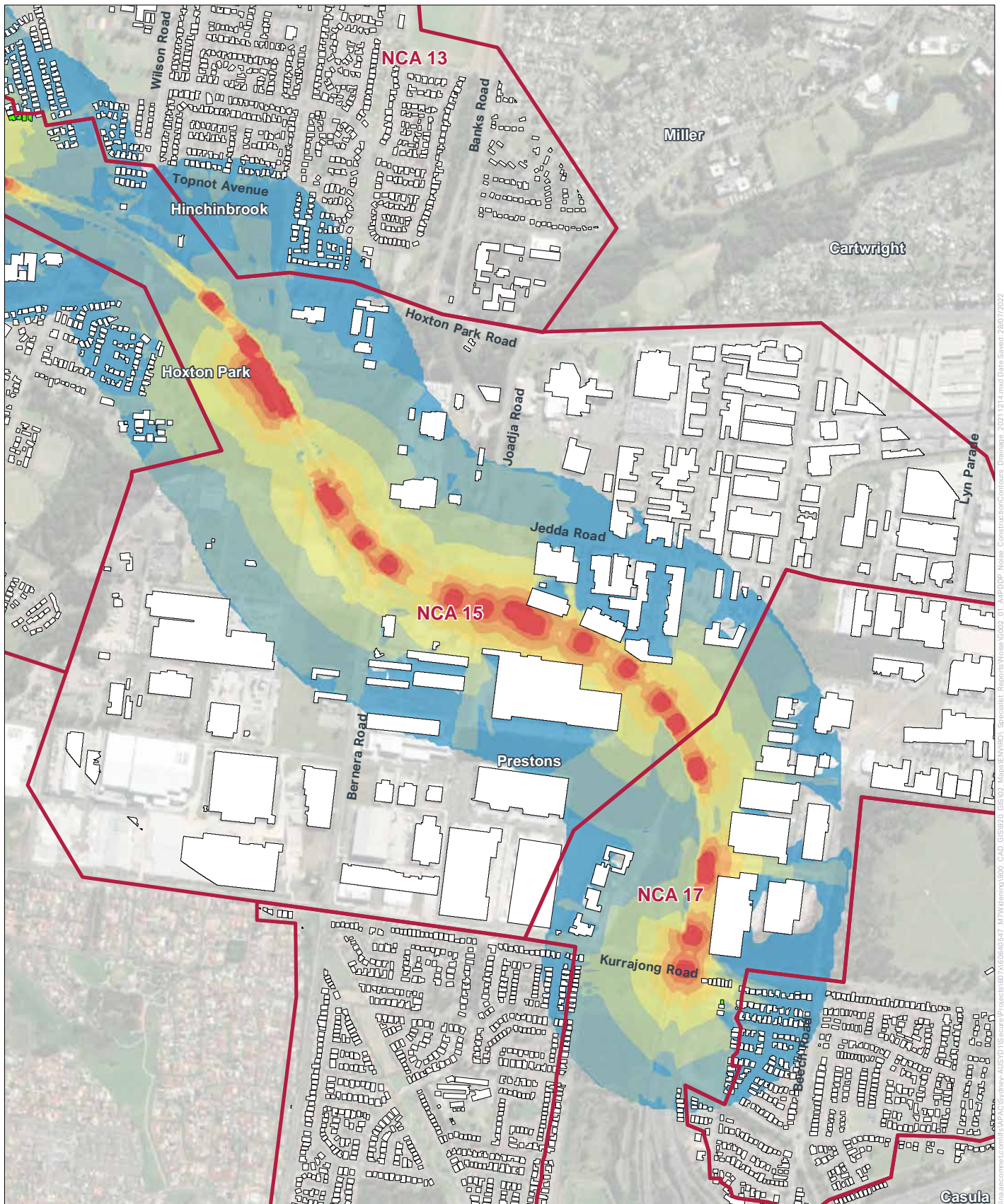


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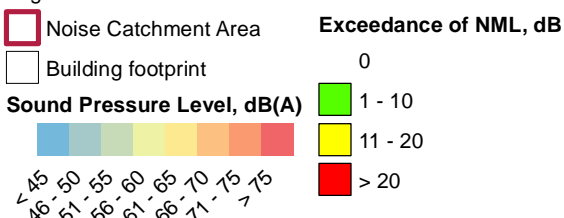


M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



AECOM

Legend

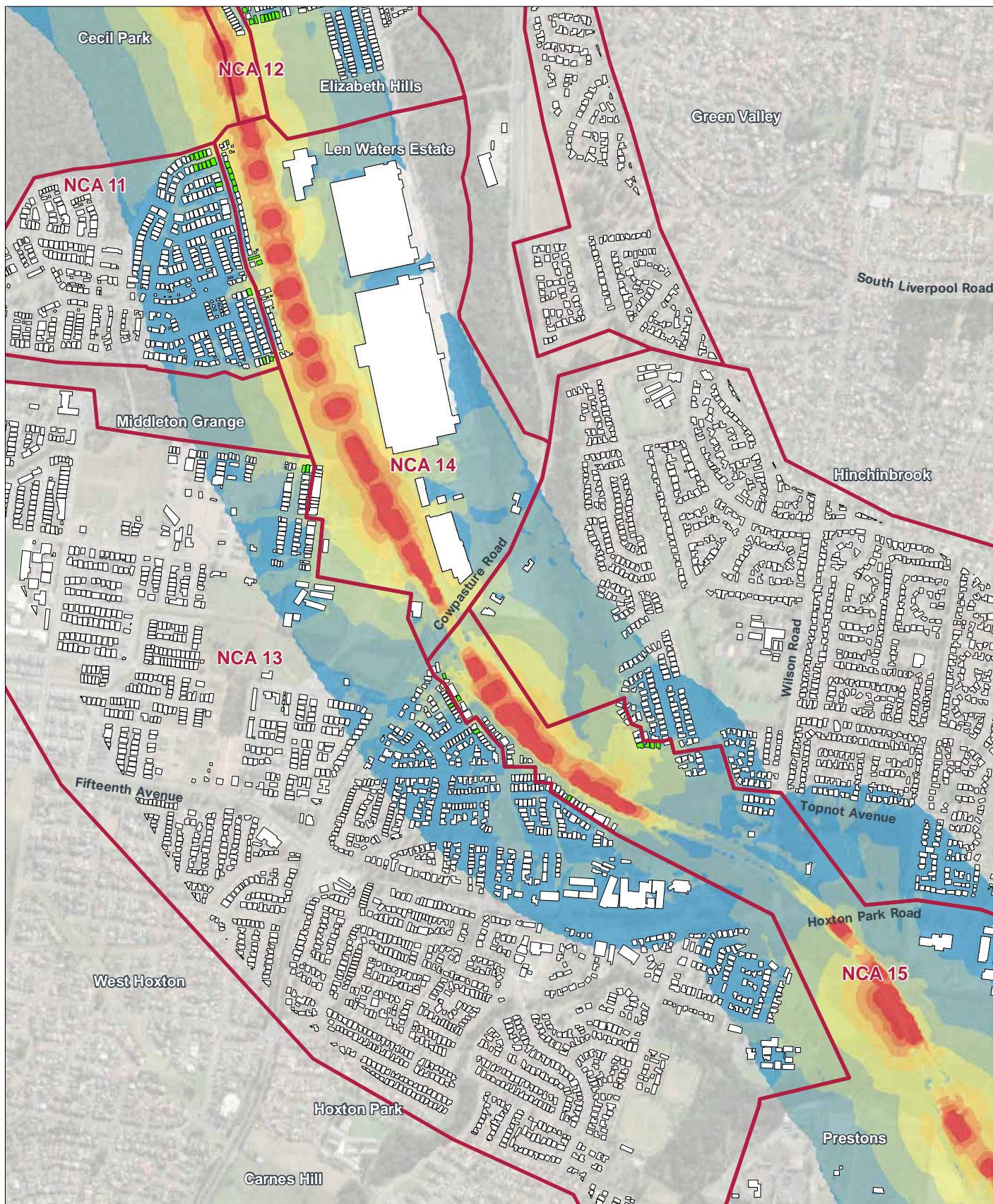


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M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS

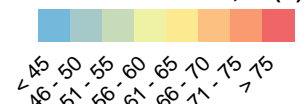


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

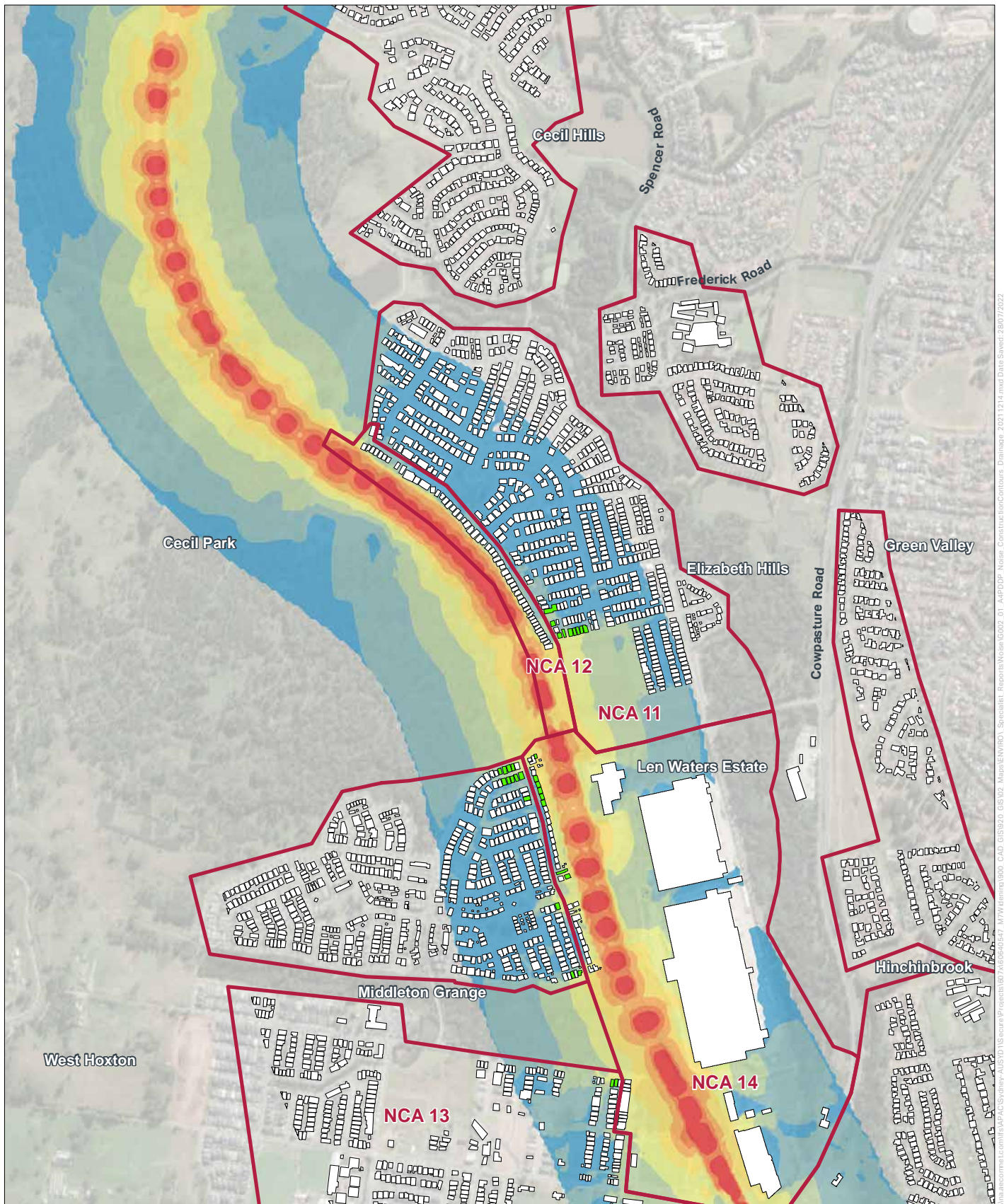
- 0
- 1 - 10
- 11 - 20
- > 20

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M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

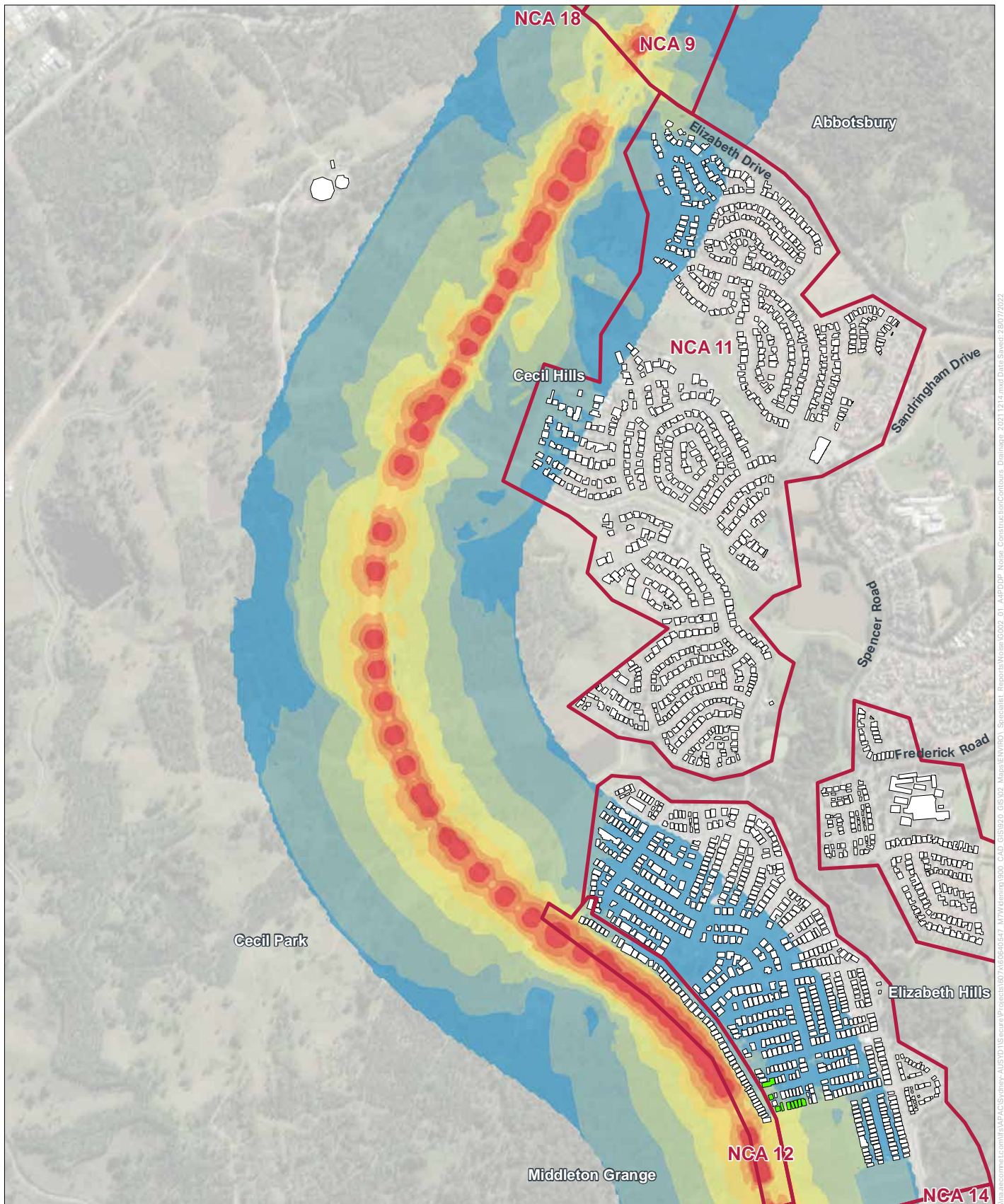
- 0
- 1 - 10
- 11 - 20
- > 20

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M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

- 0
- 1 - 10
- 11 - 20
- > 20

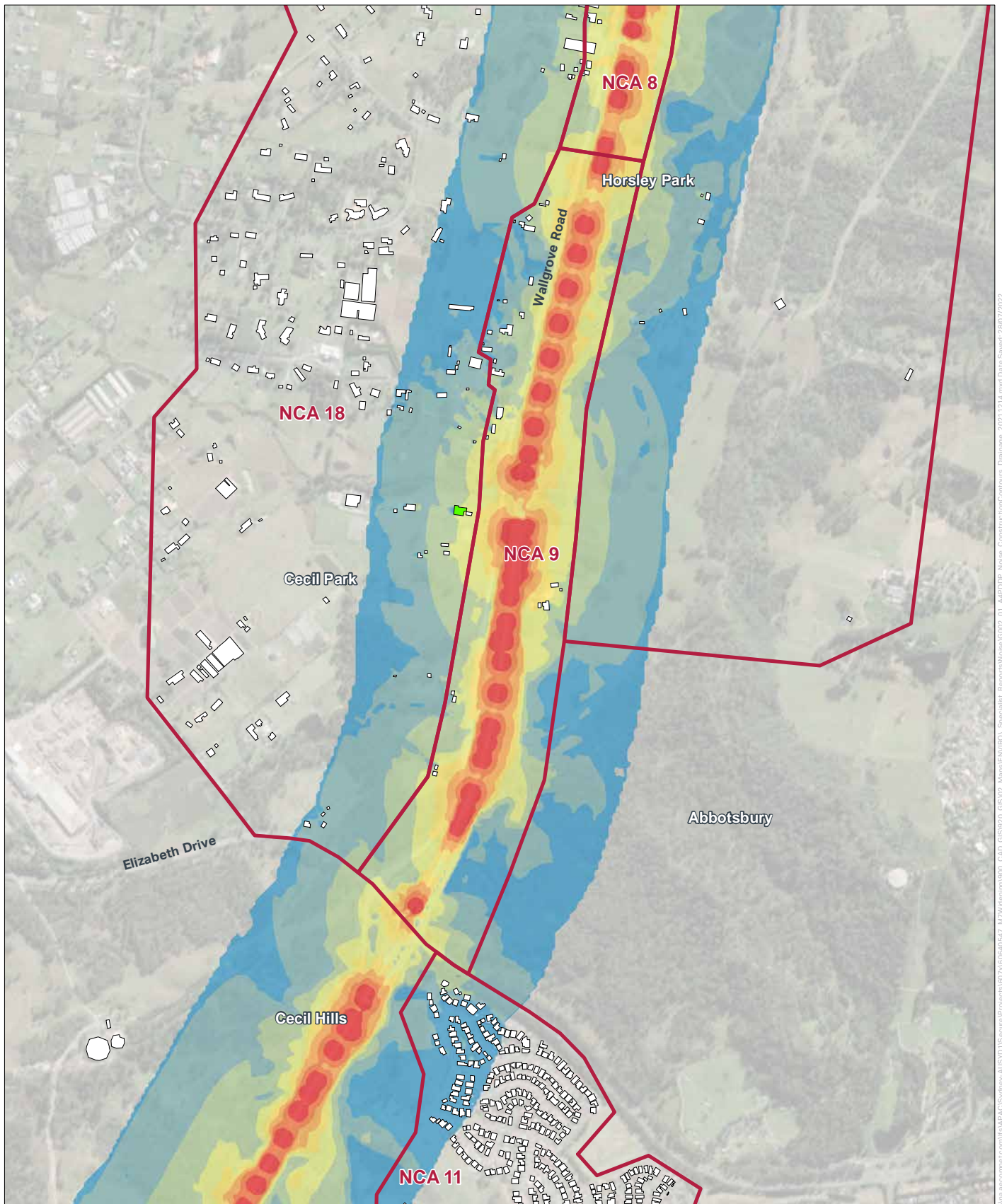
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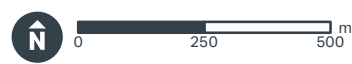
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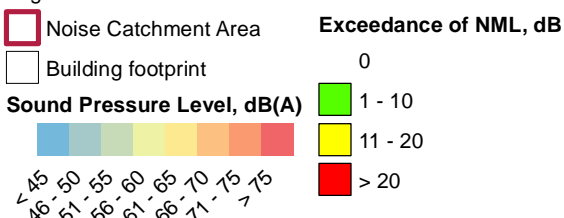


M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



AECOM

Legend

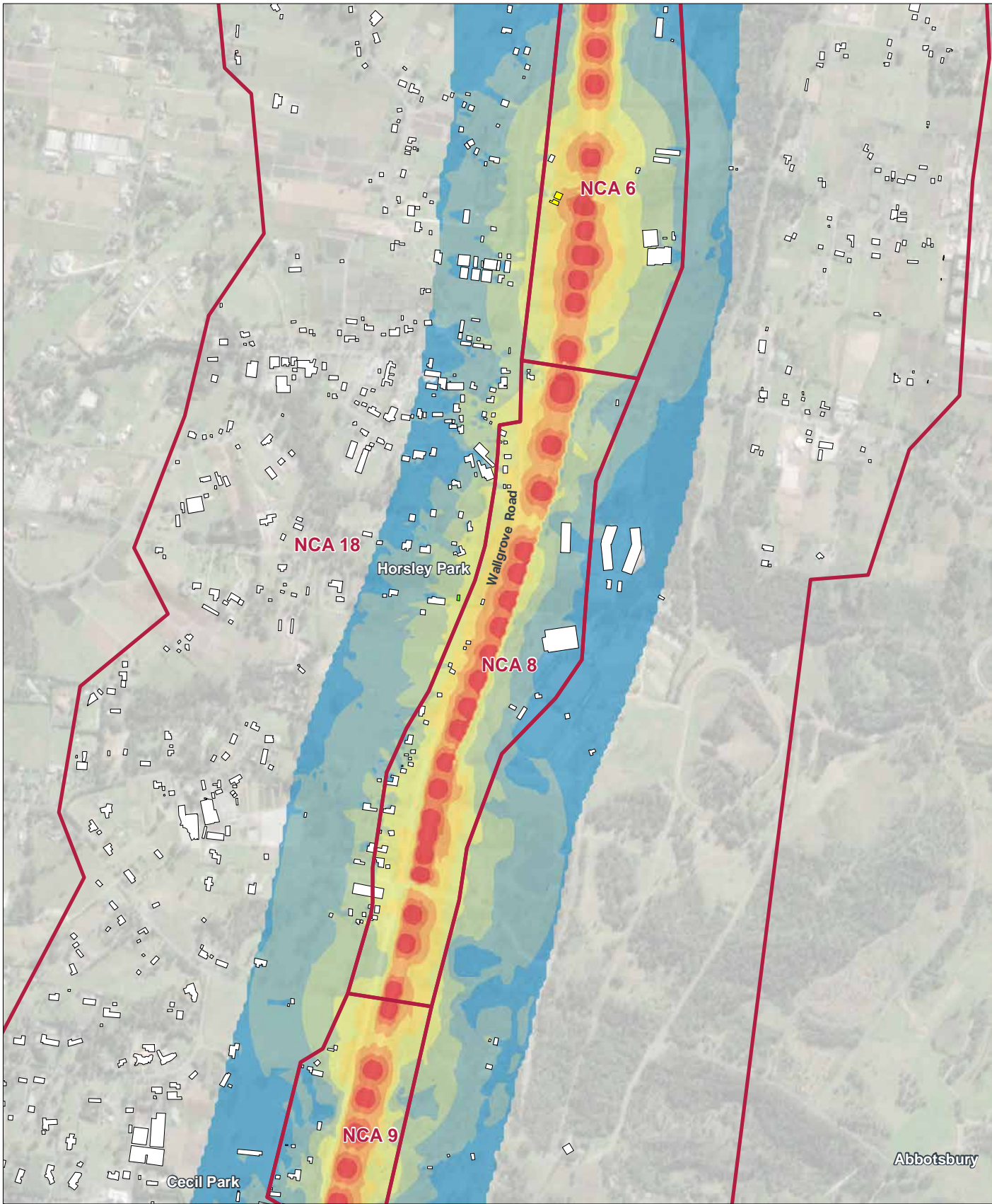


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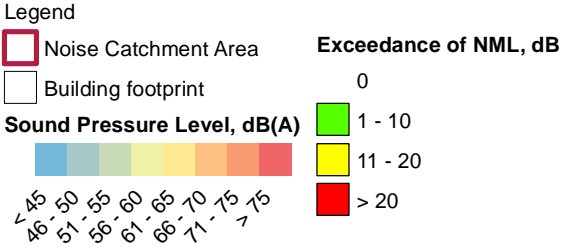
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M7 WIDENING
CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



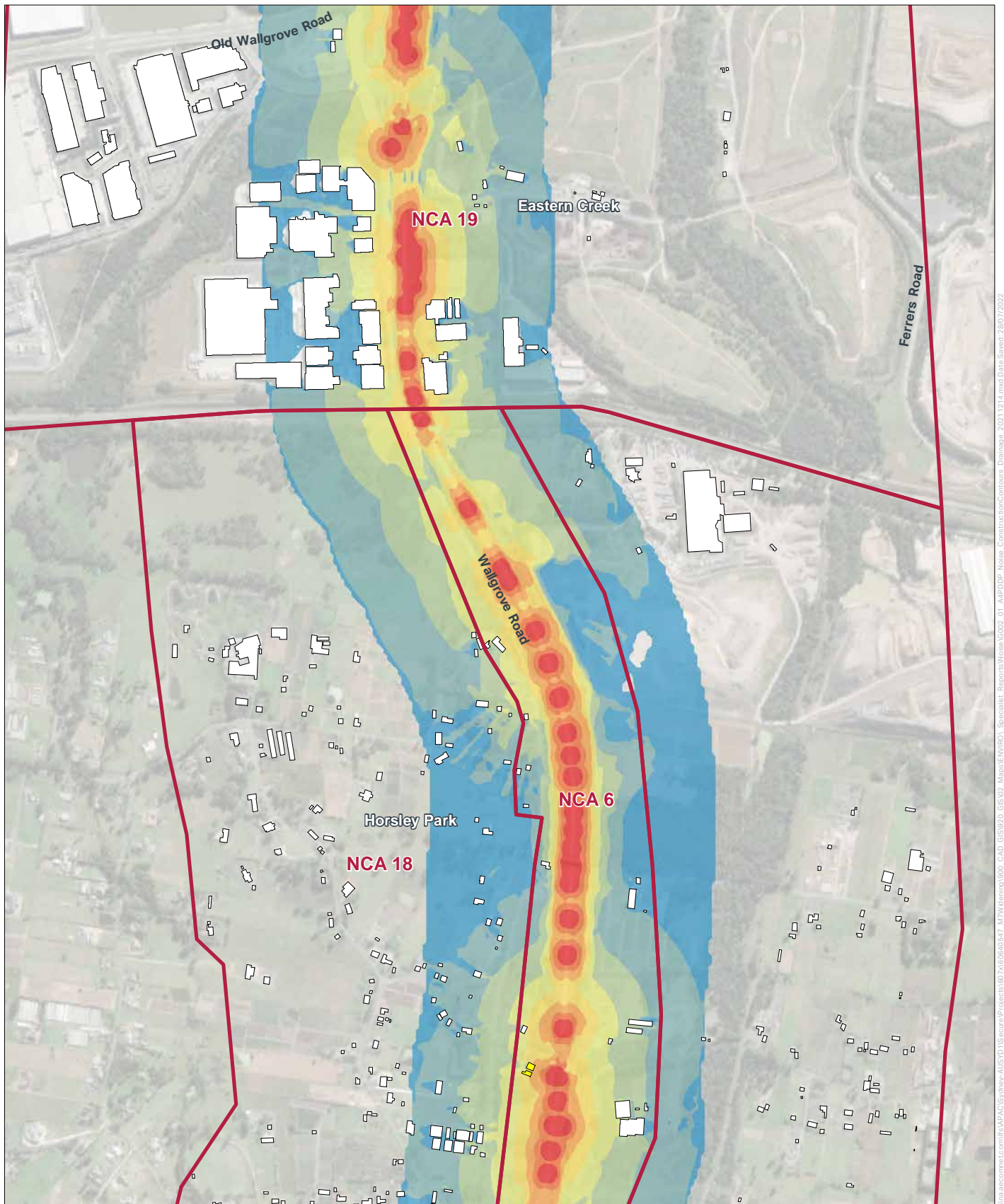
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M7 WIDENING **CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS**



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

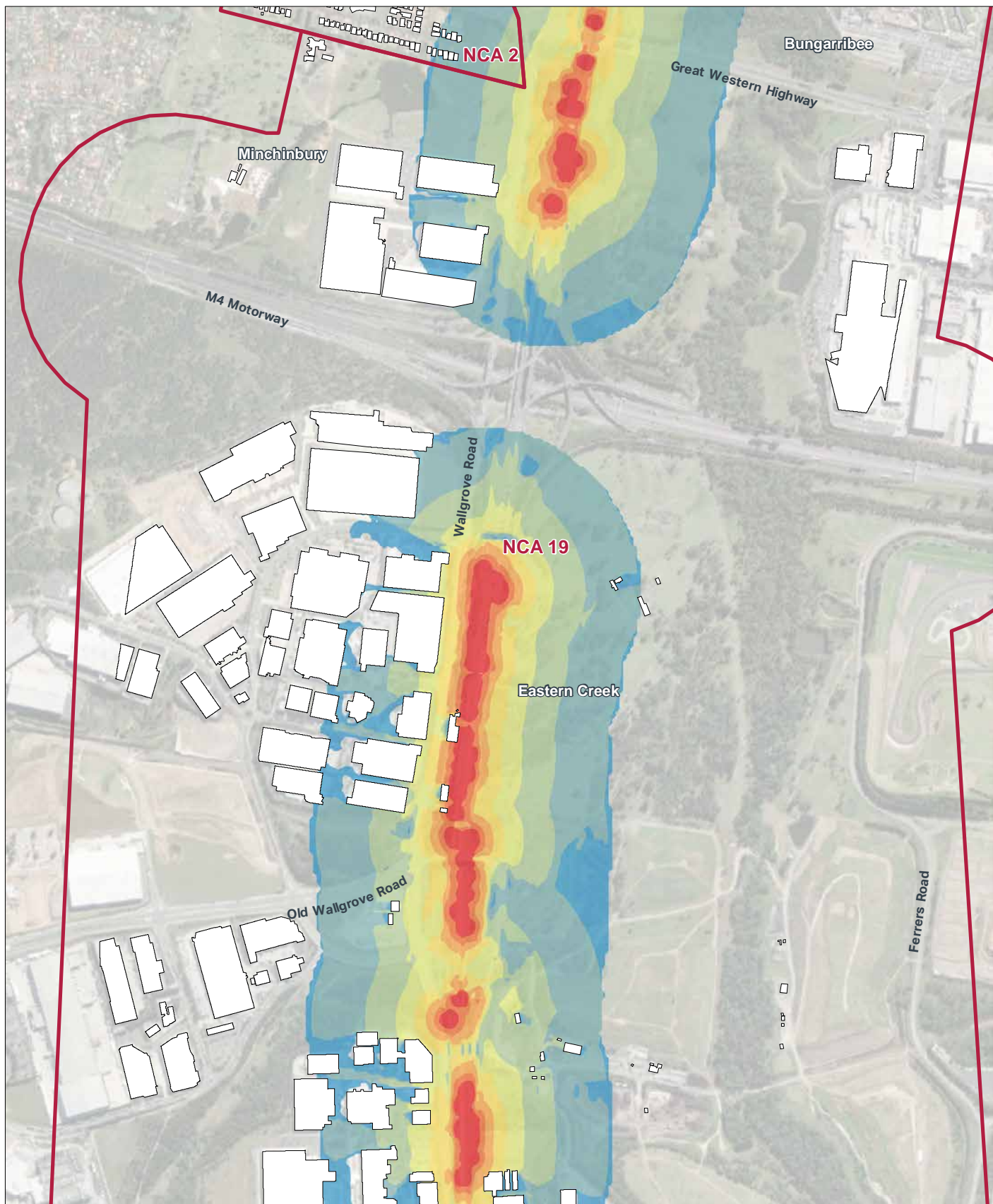
- 0
- 1 - 10
- 11 - 20
- > 20

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M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

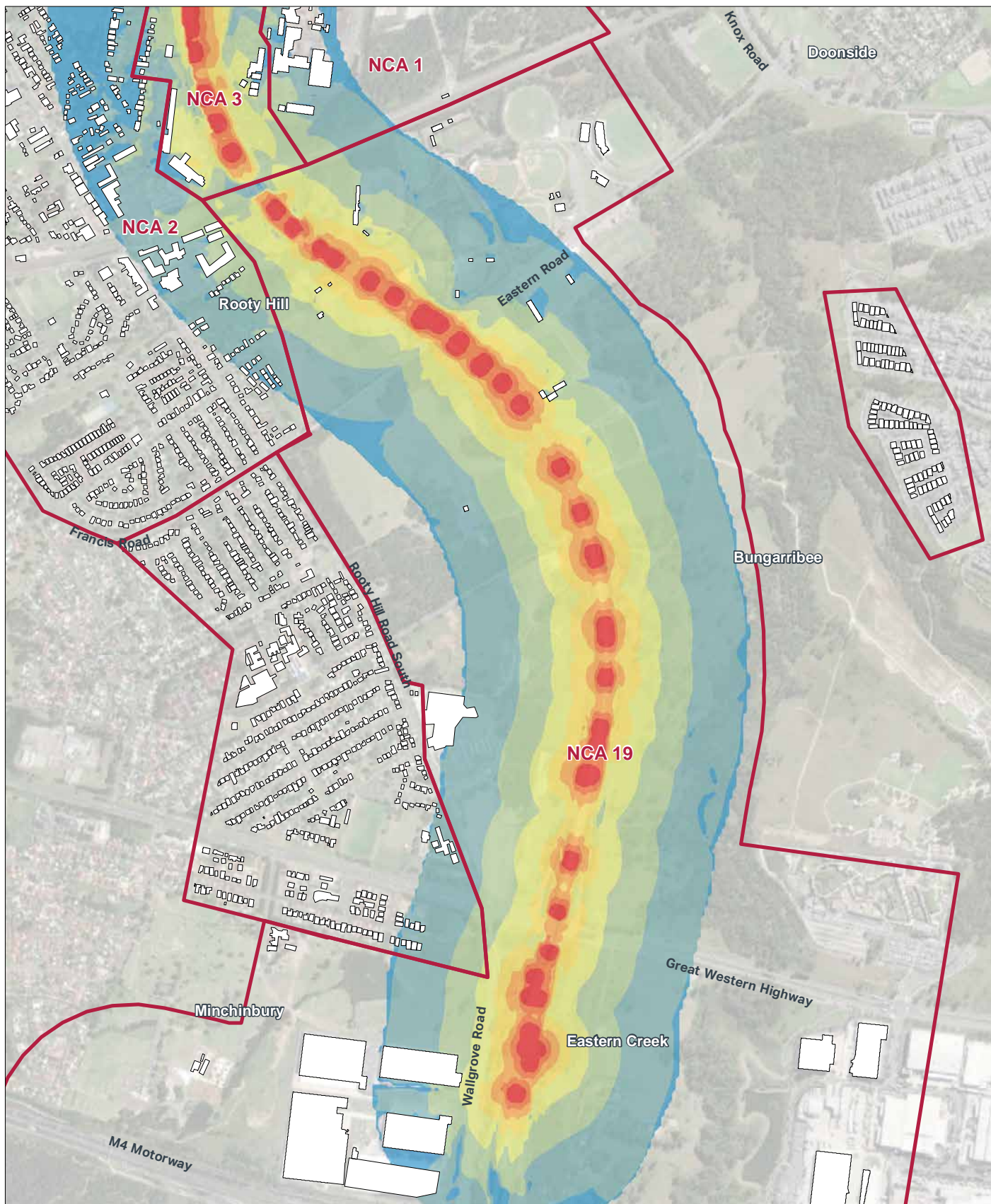
- 0
- 1 - 10
- 11 - 20
- > 20

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M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

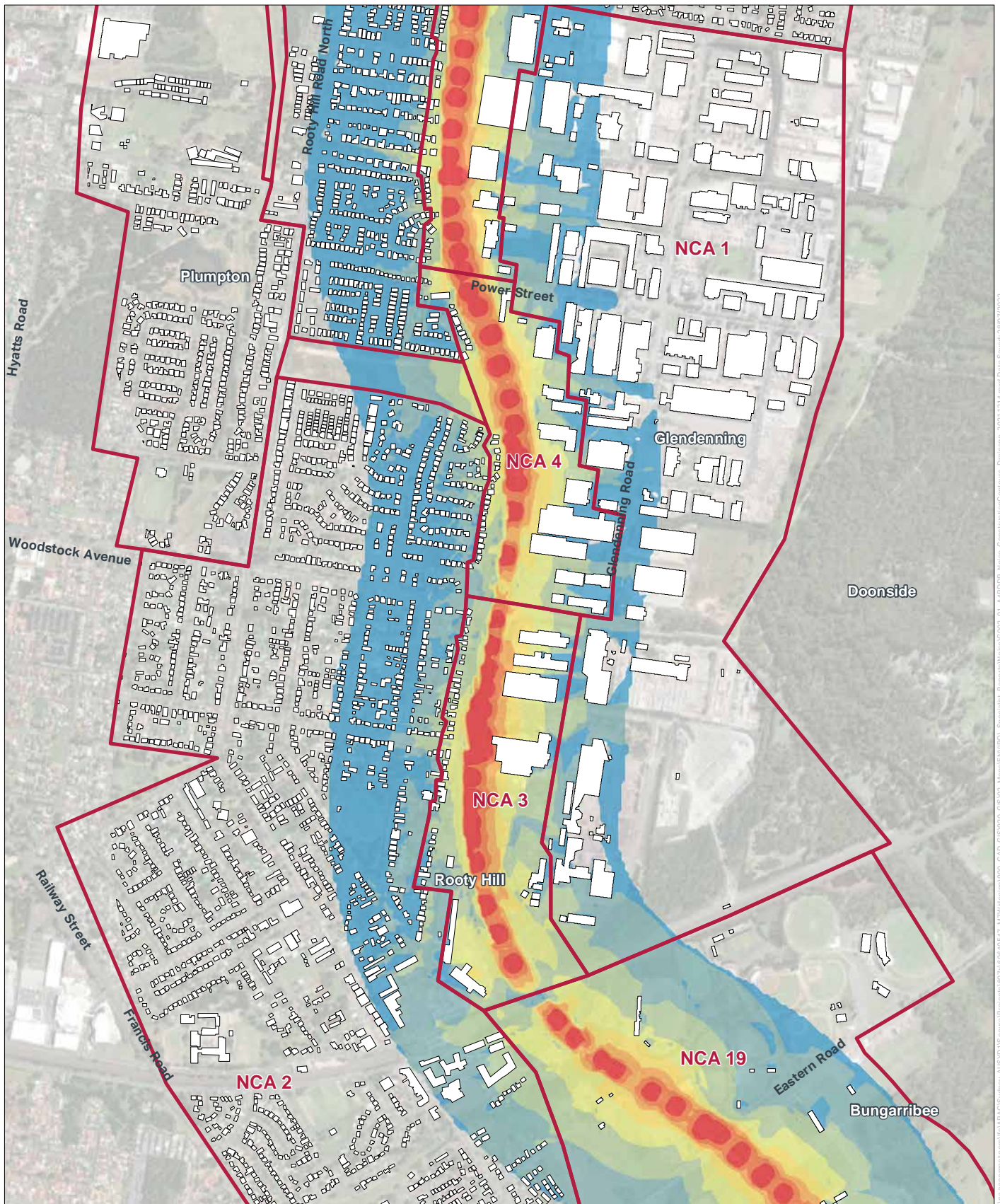
- 0
- 1 - 10
- 11 - 20
- > 20

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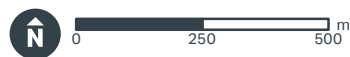
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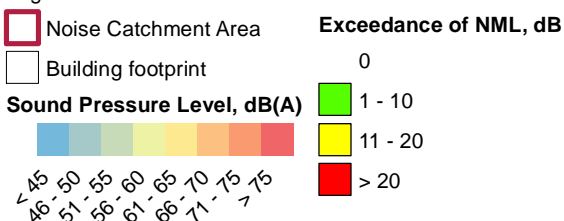


M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



AECOM

Legend

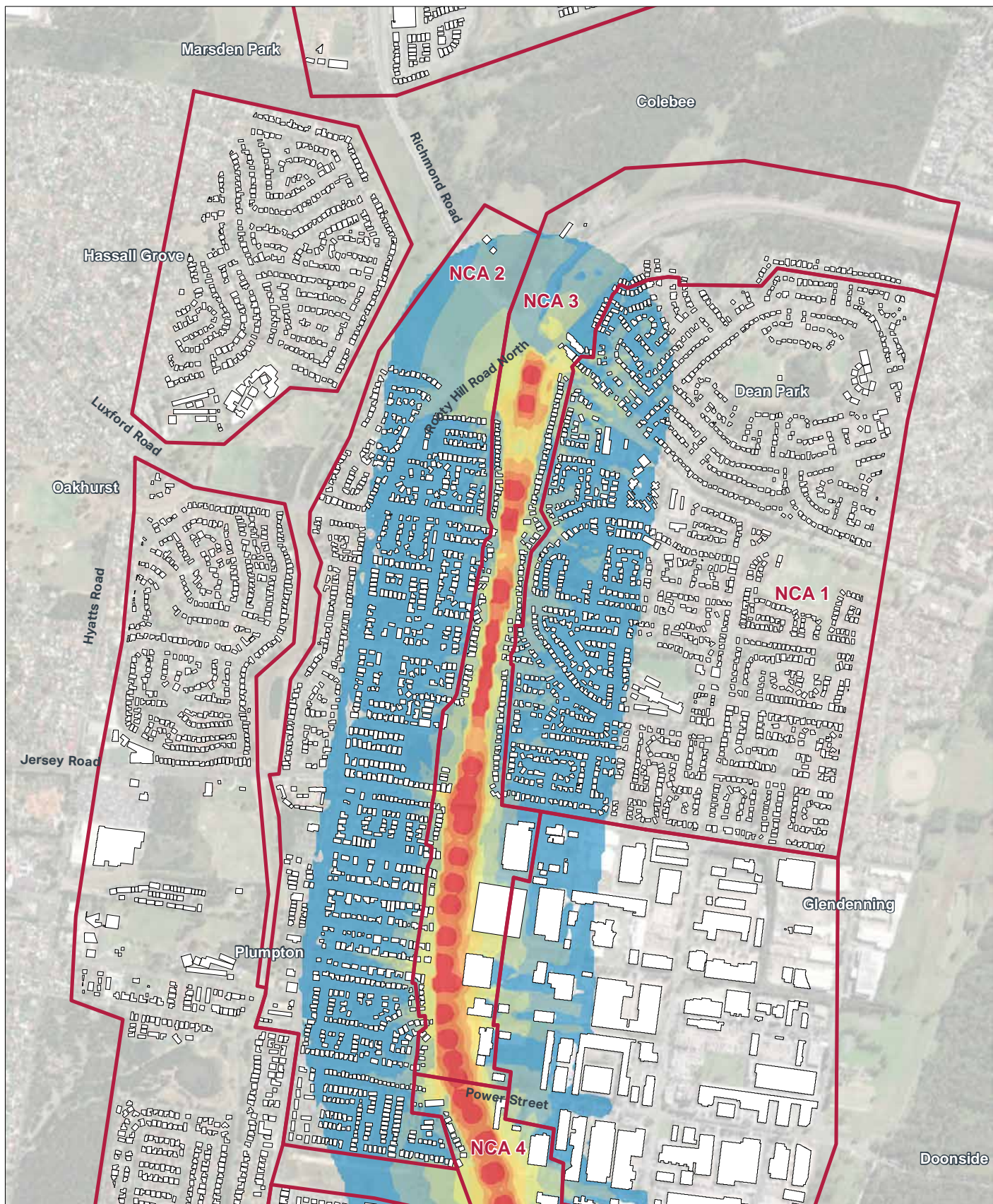


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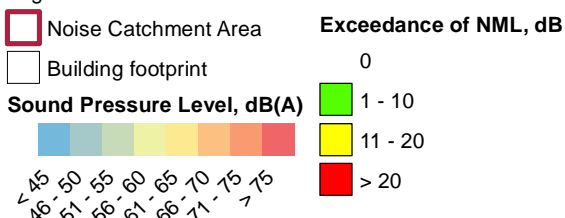


M7 WIDENING CONSTRUCTION NOISE CONTOURS - DRAINAGE WORKS



AECOM

Legend



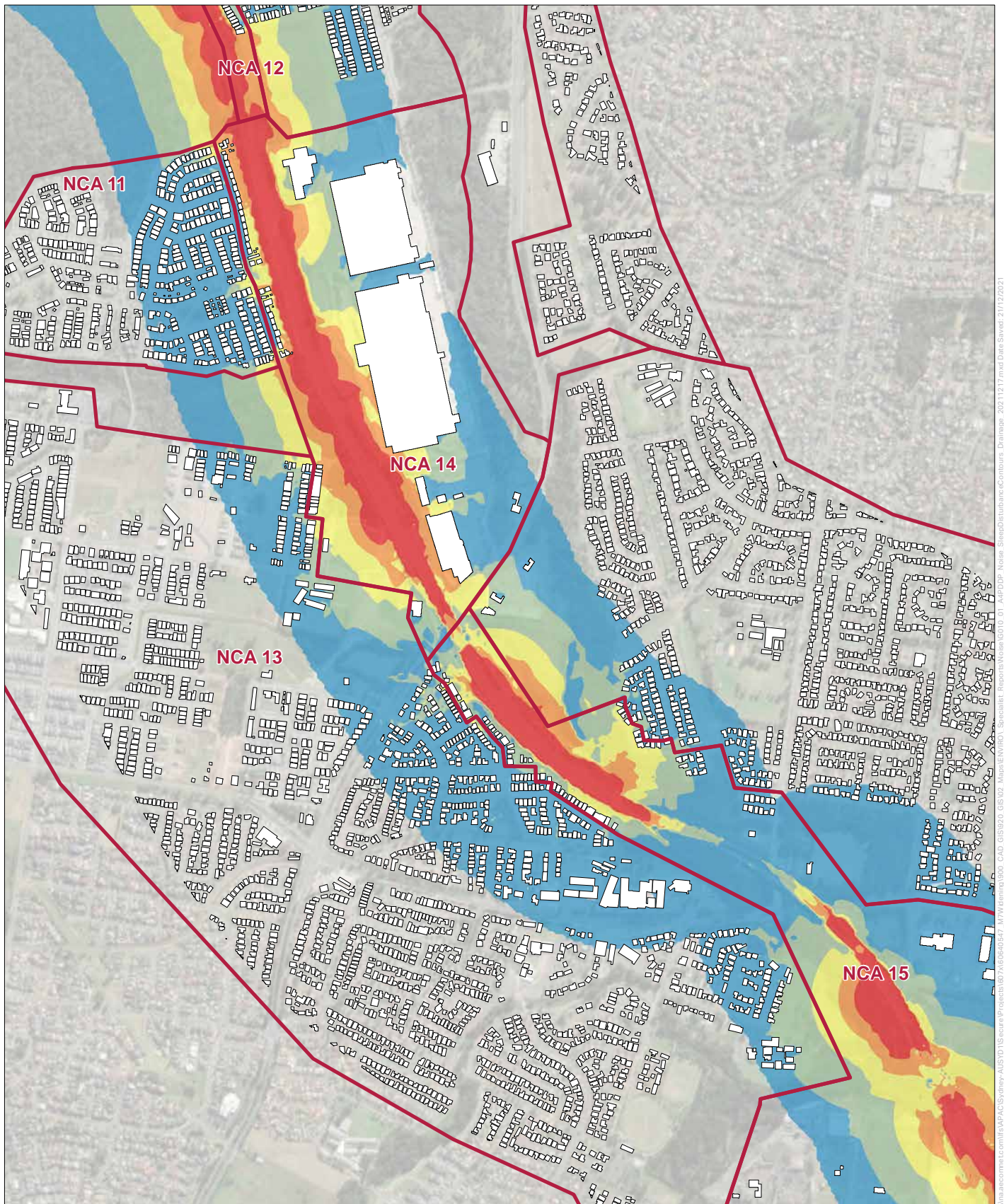
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



50
51-55
56-60
61-65
> 65



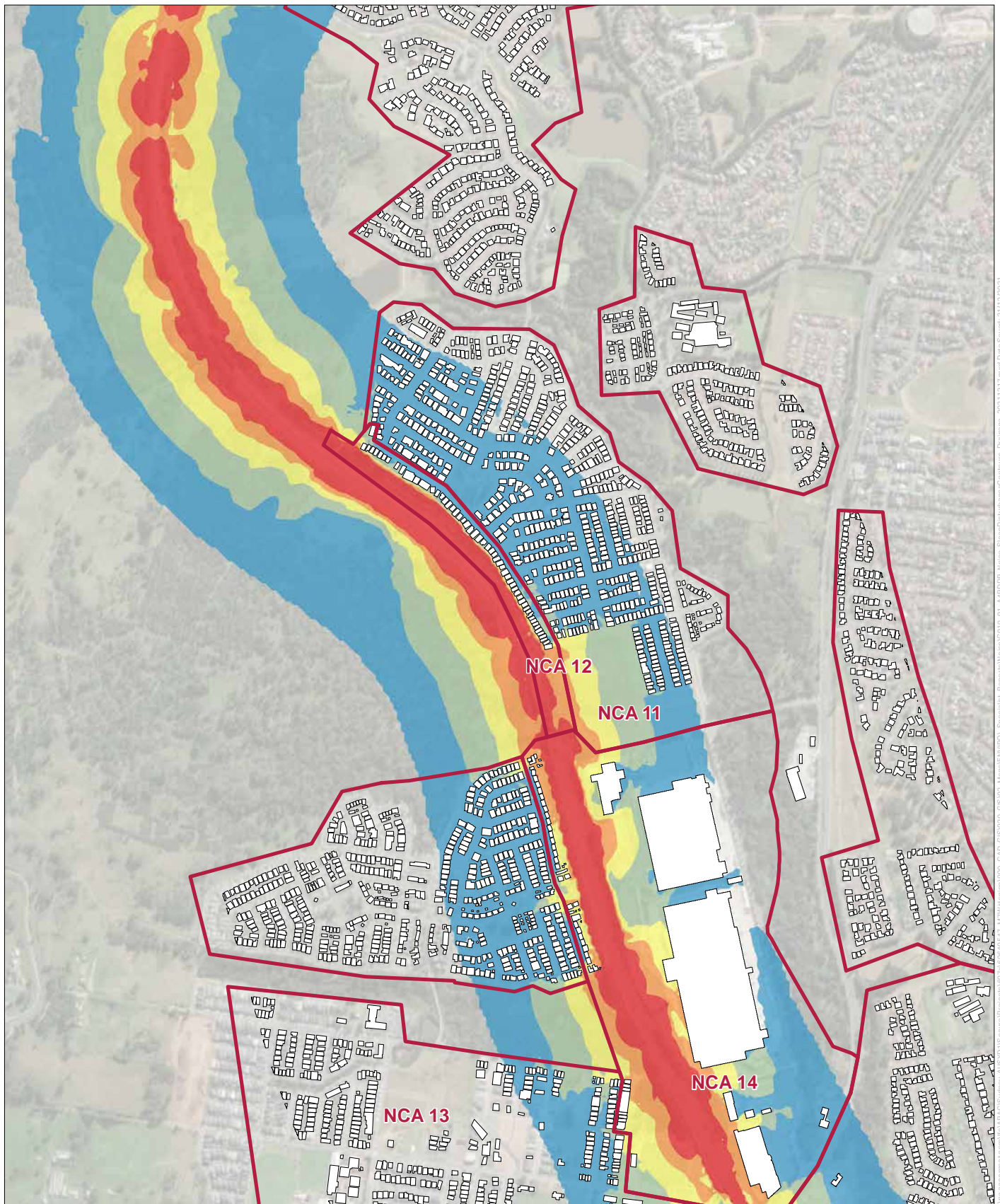
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS

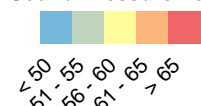


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

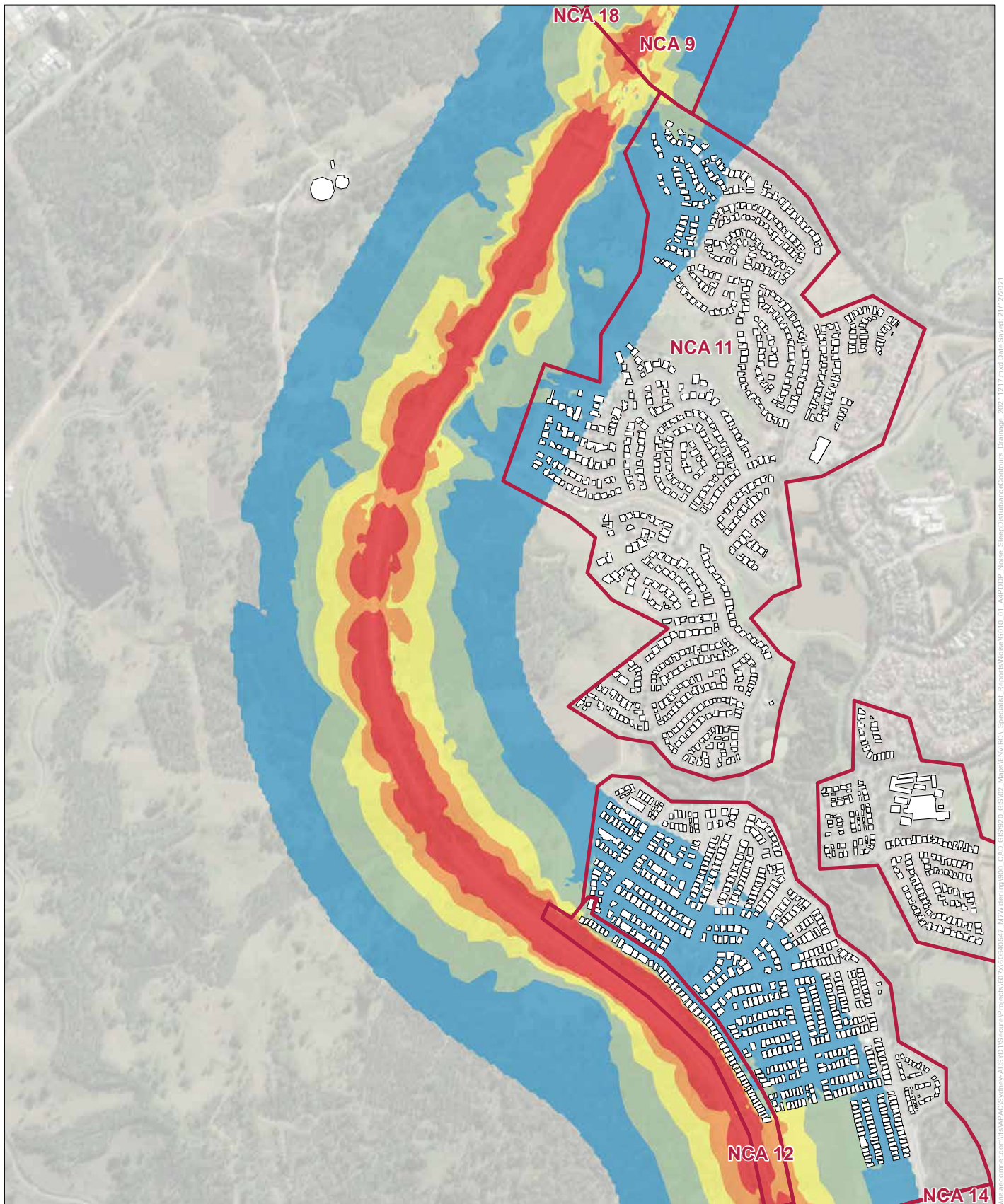


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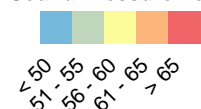


M7 WIDENING SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



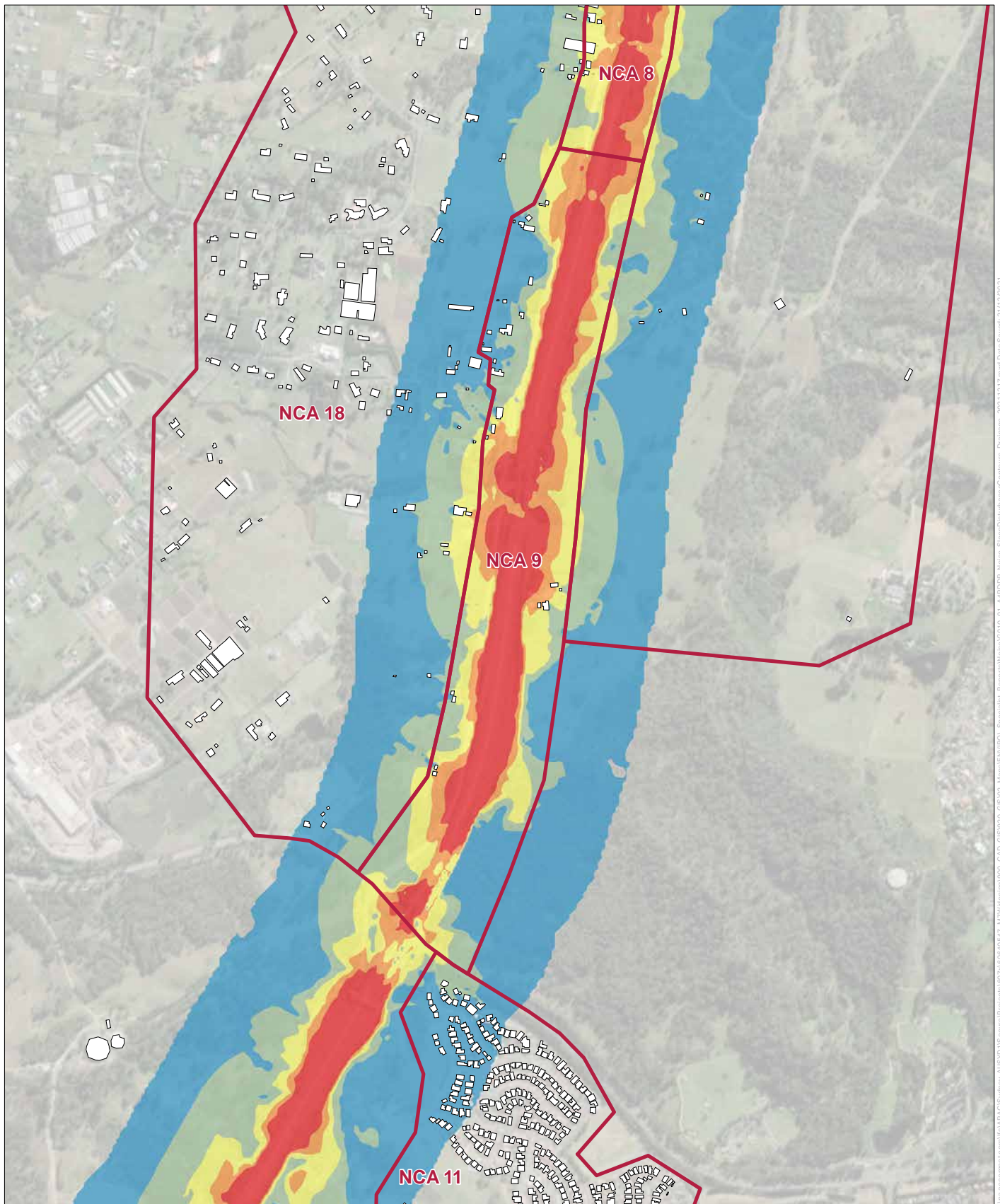
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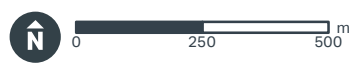
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS

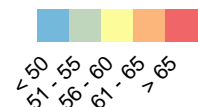


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

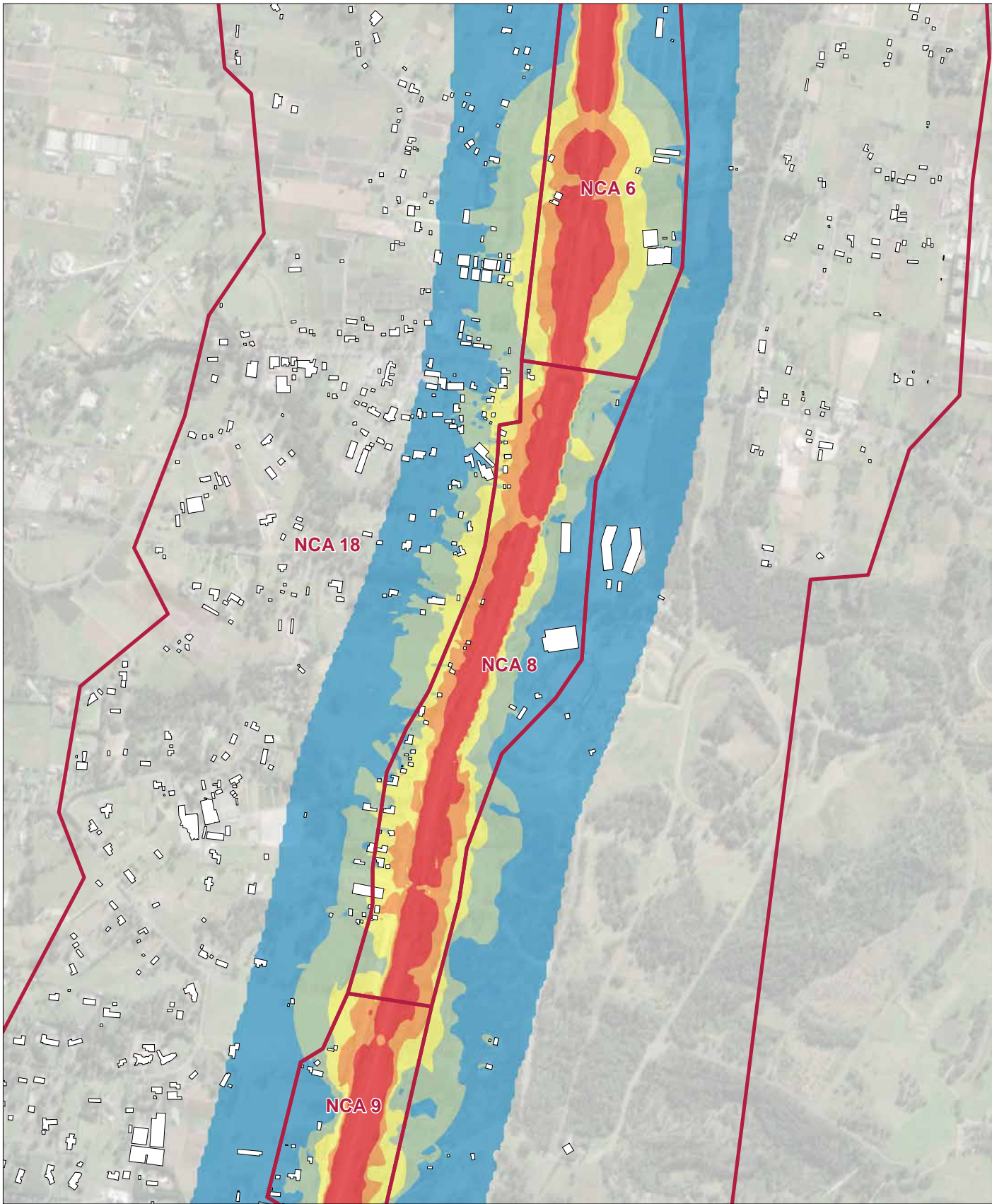


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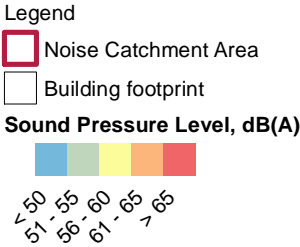
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M7 WIDENING
SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS

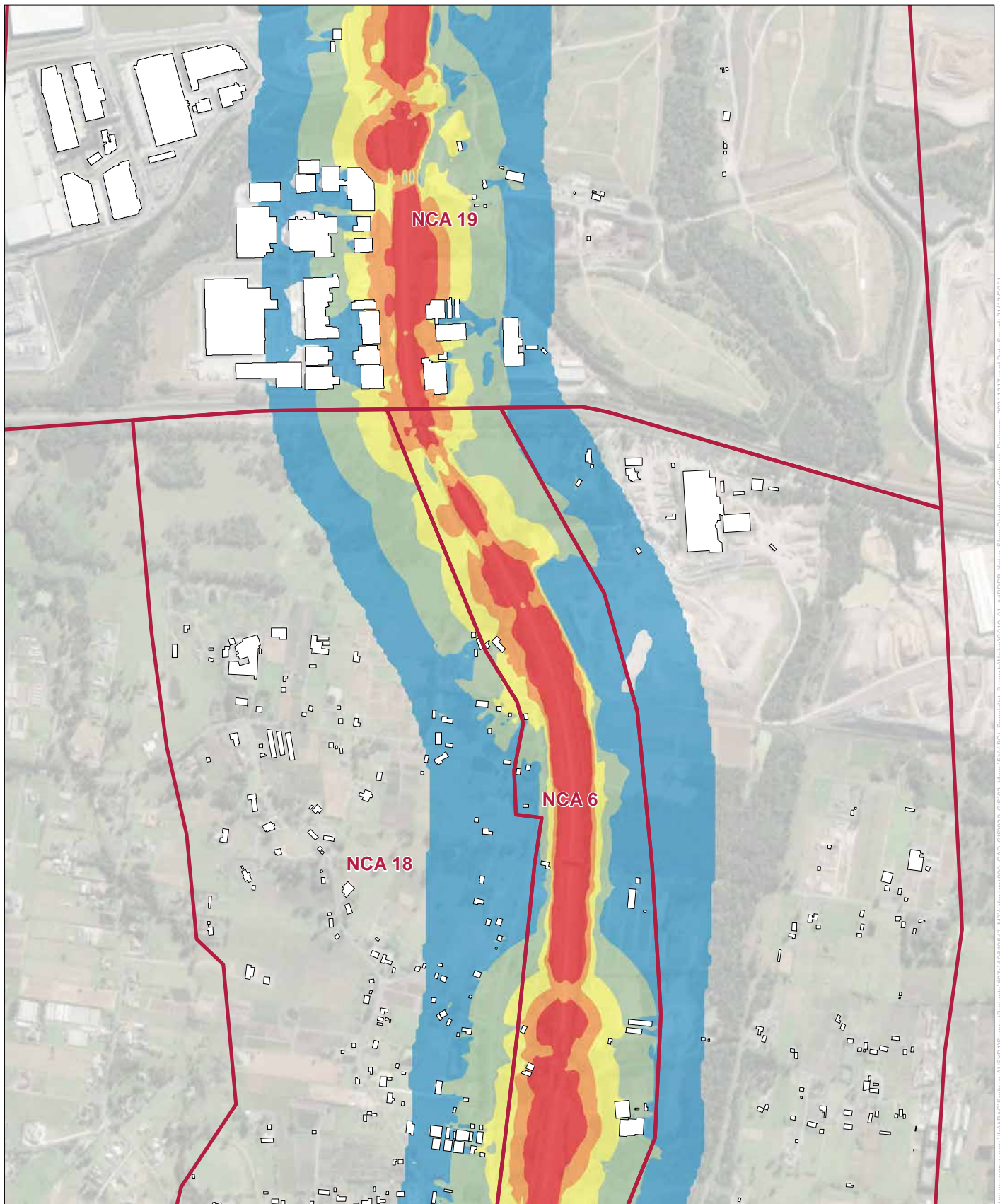


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS

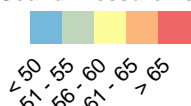


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

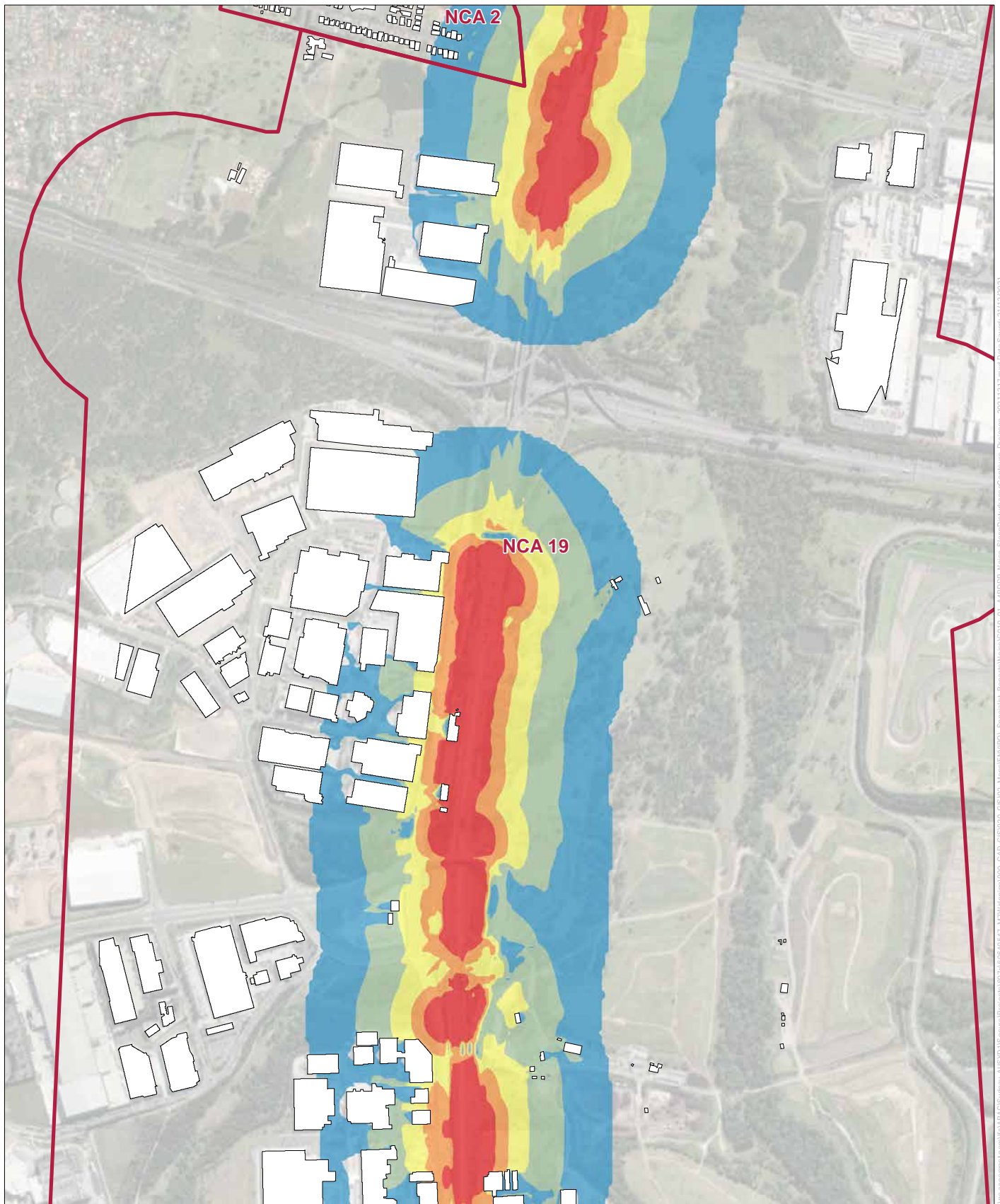


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M7 WIDENING **SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS**

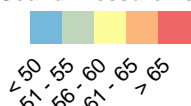


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

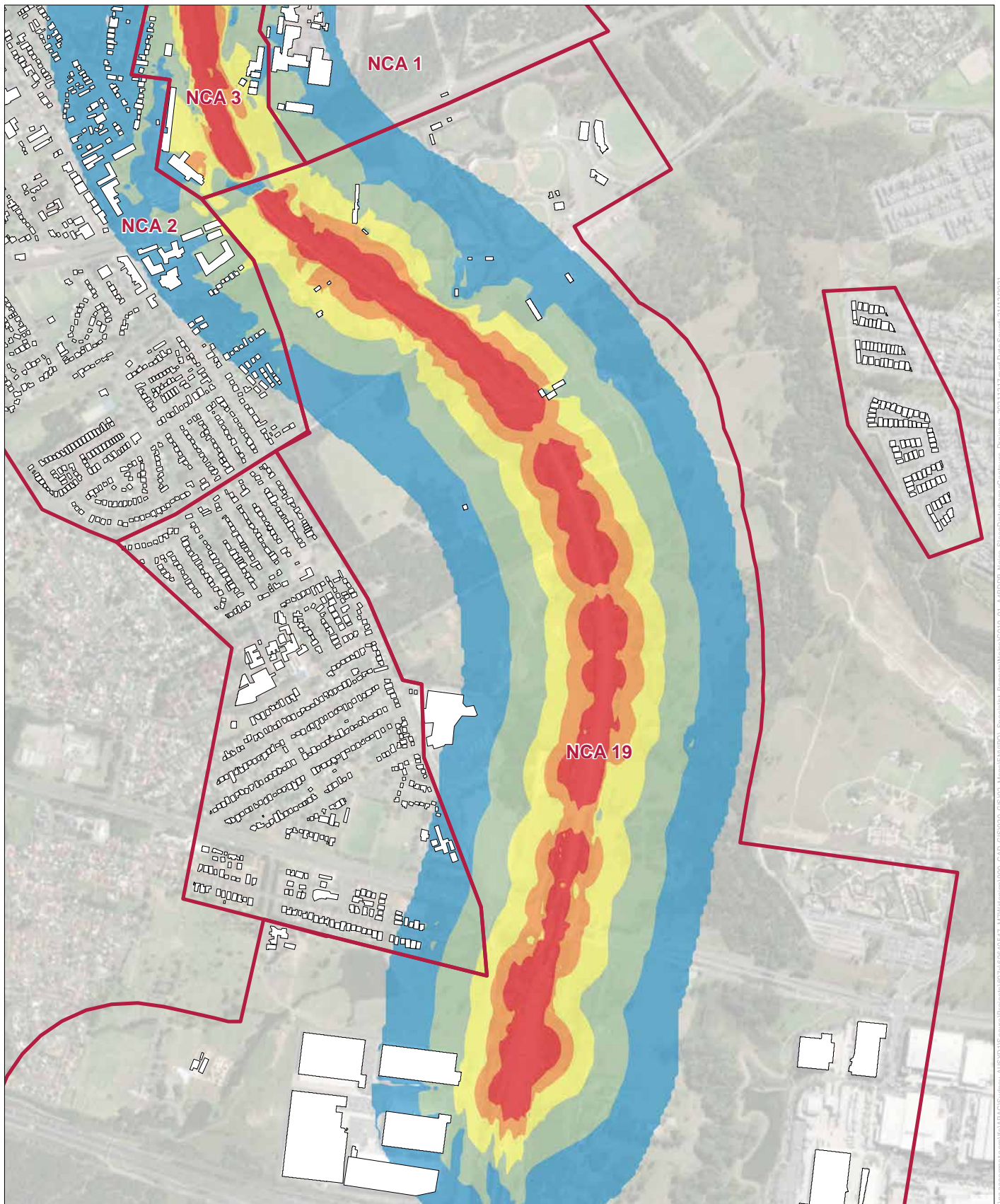


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M7 WIDENING SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS

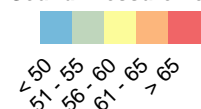


AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)

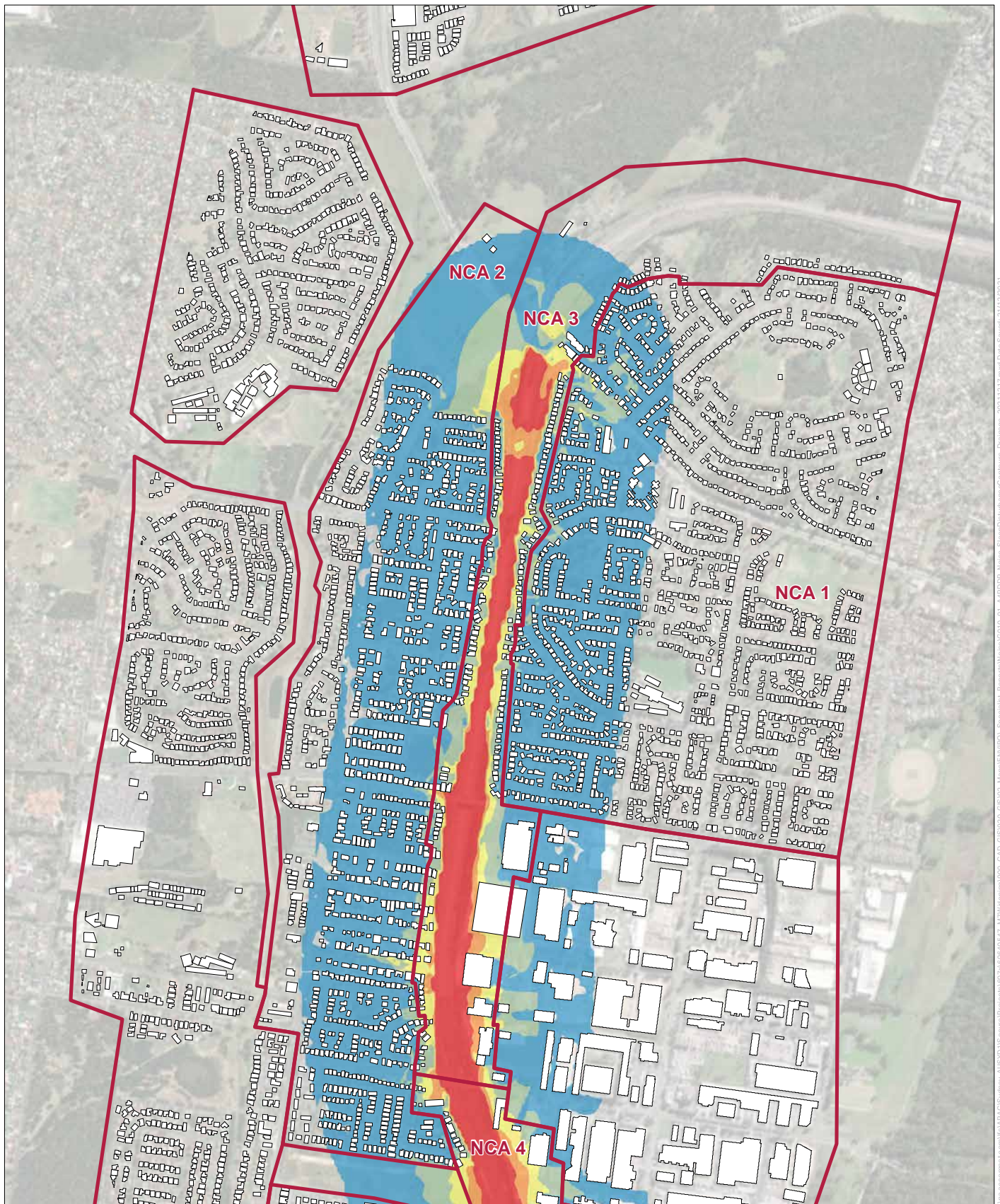


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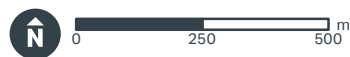
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M7 WIDENING SLEEP DISTURBANCE CONTOURS - DRAINAGE WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



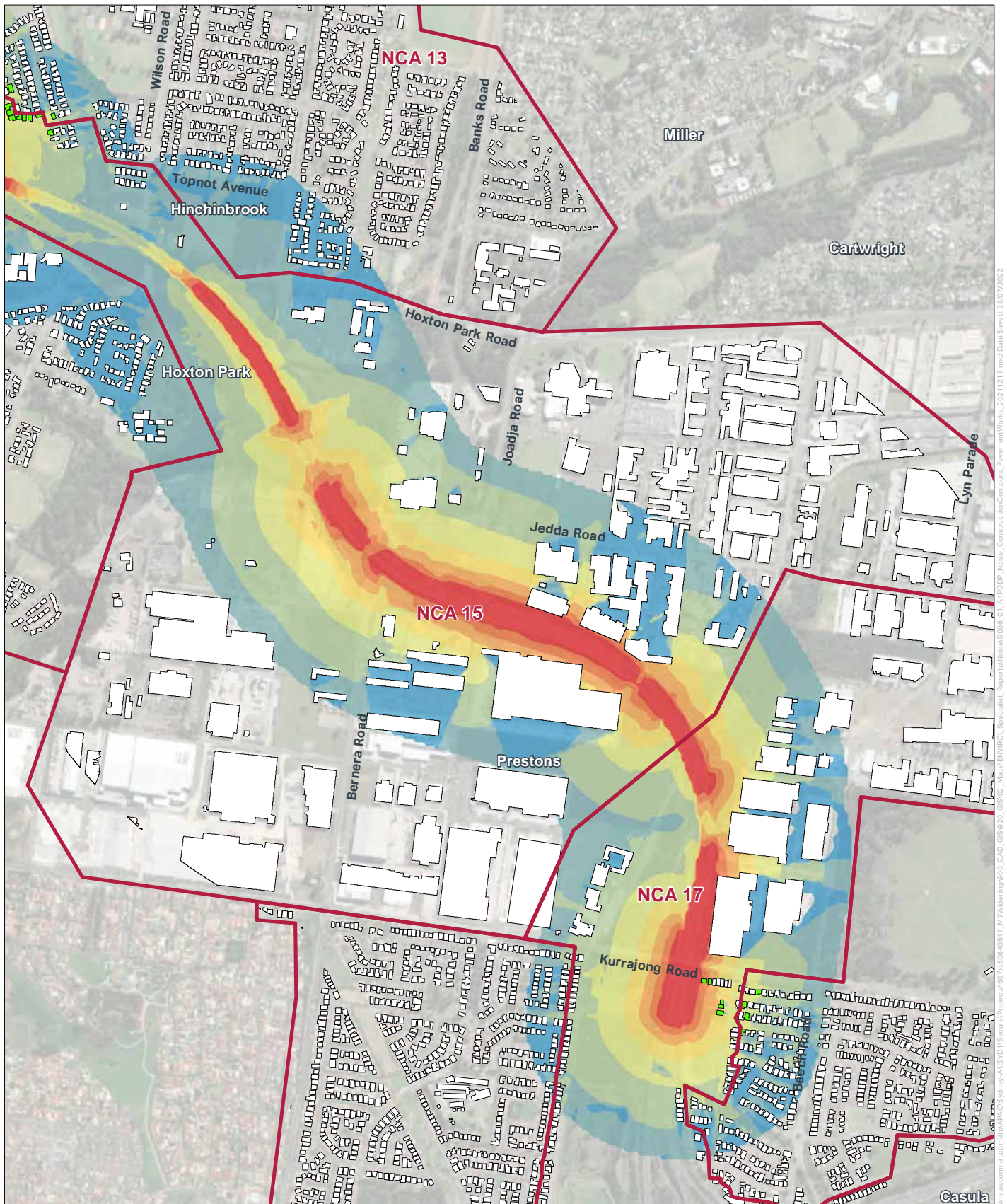
50 55 60 65
51 56 61 >65

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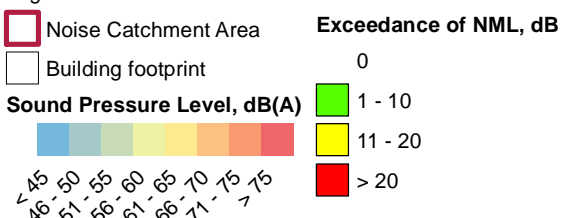


M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



AECOM

Legend

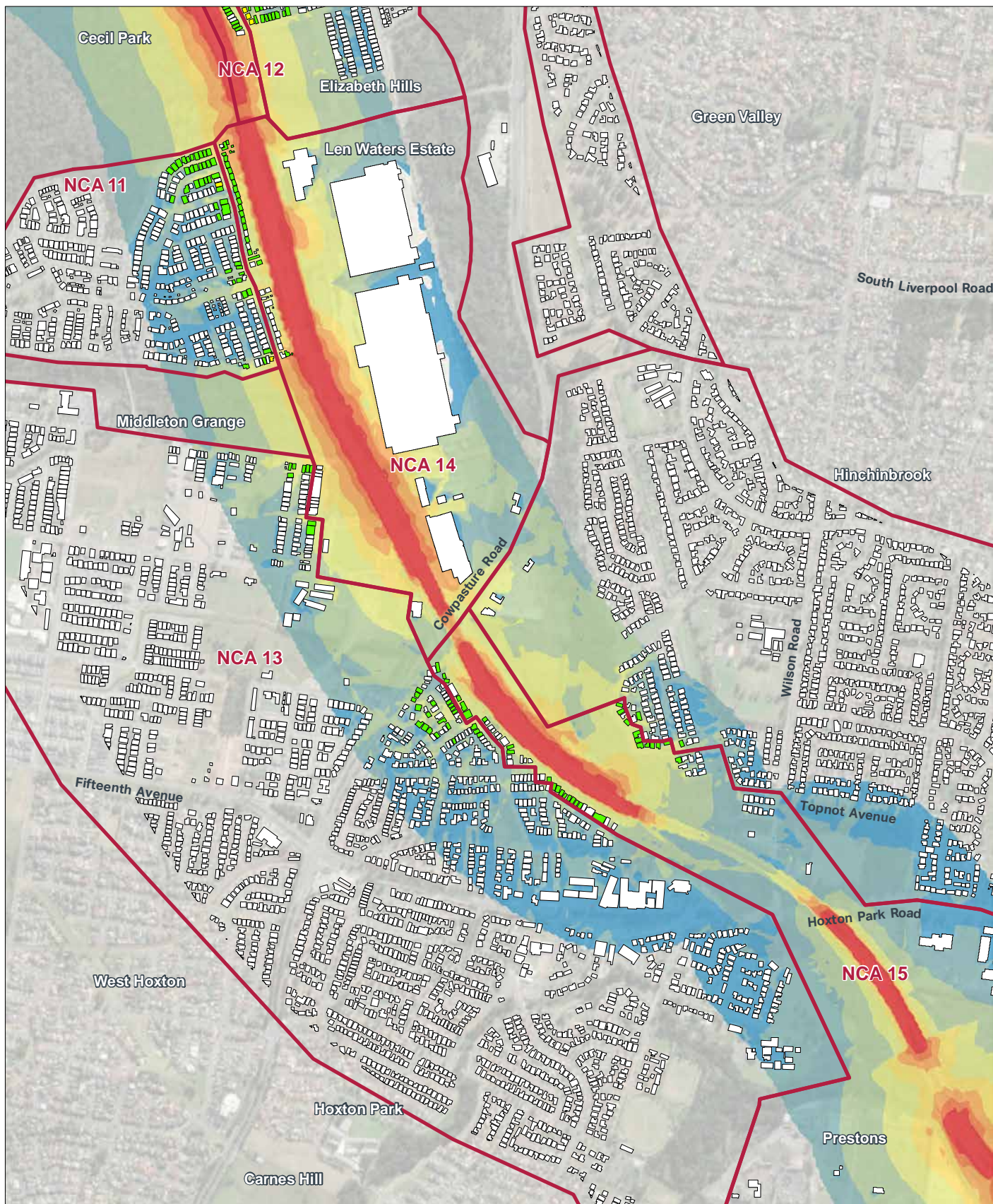


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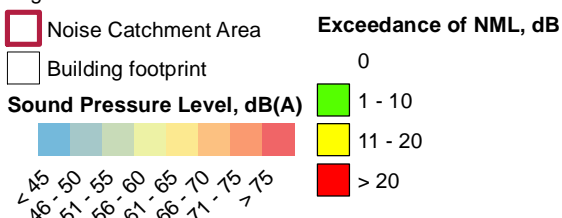


M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



AECOM

Legend



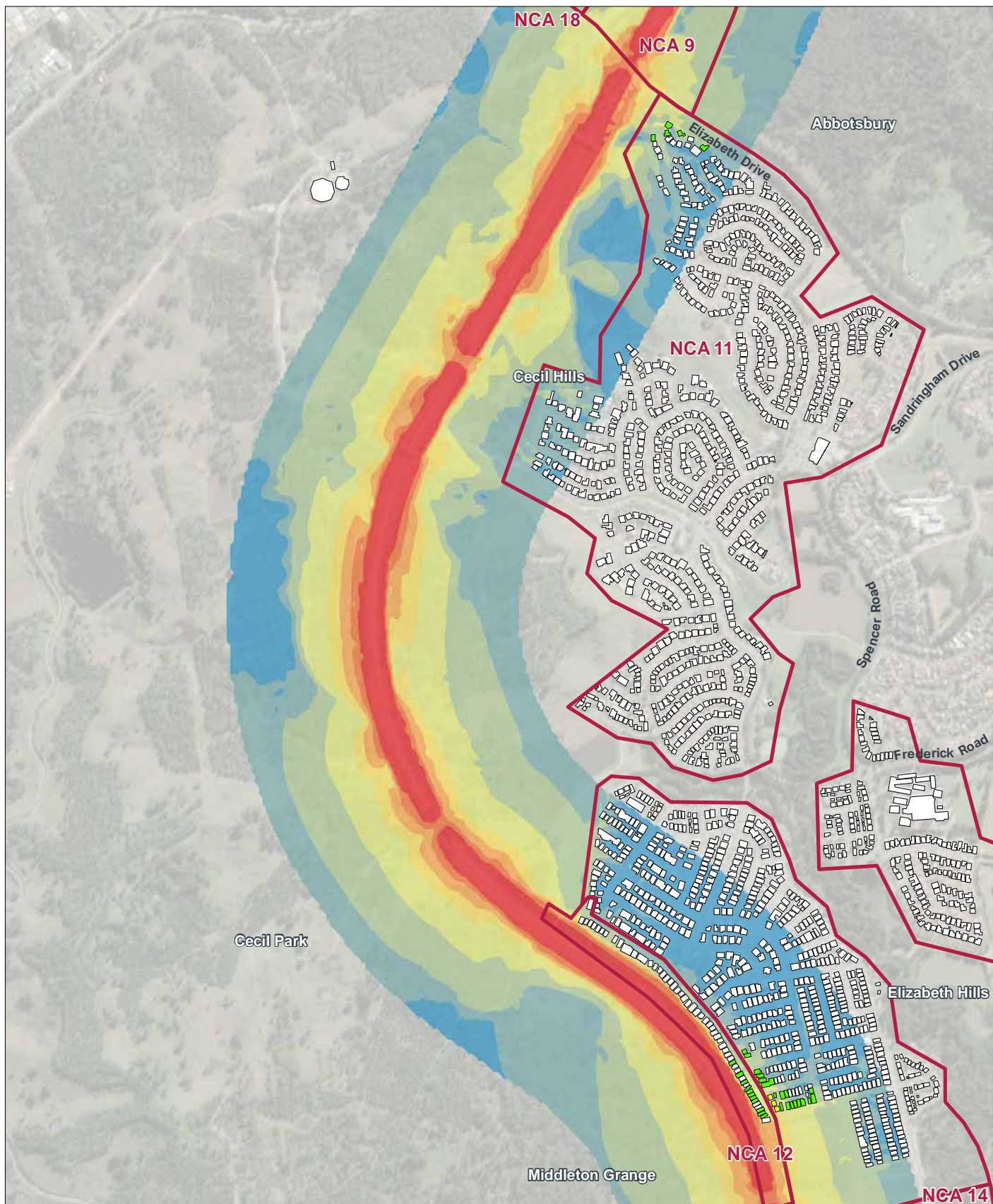
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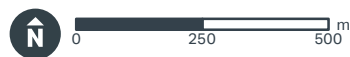
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M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



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Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

- 0
- 1 - 10
- 11 - 20
- > 20

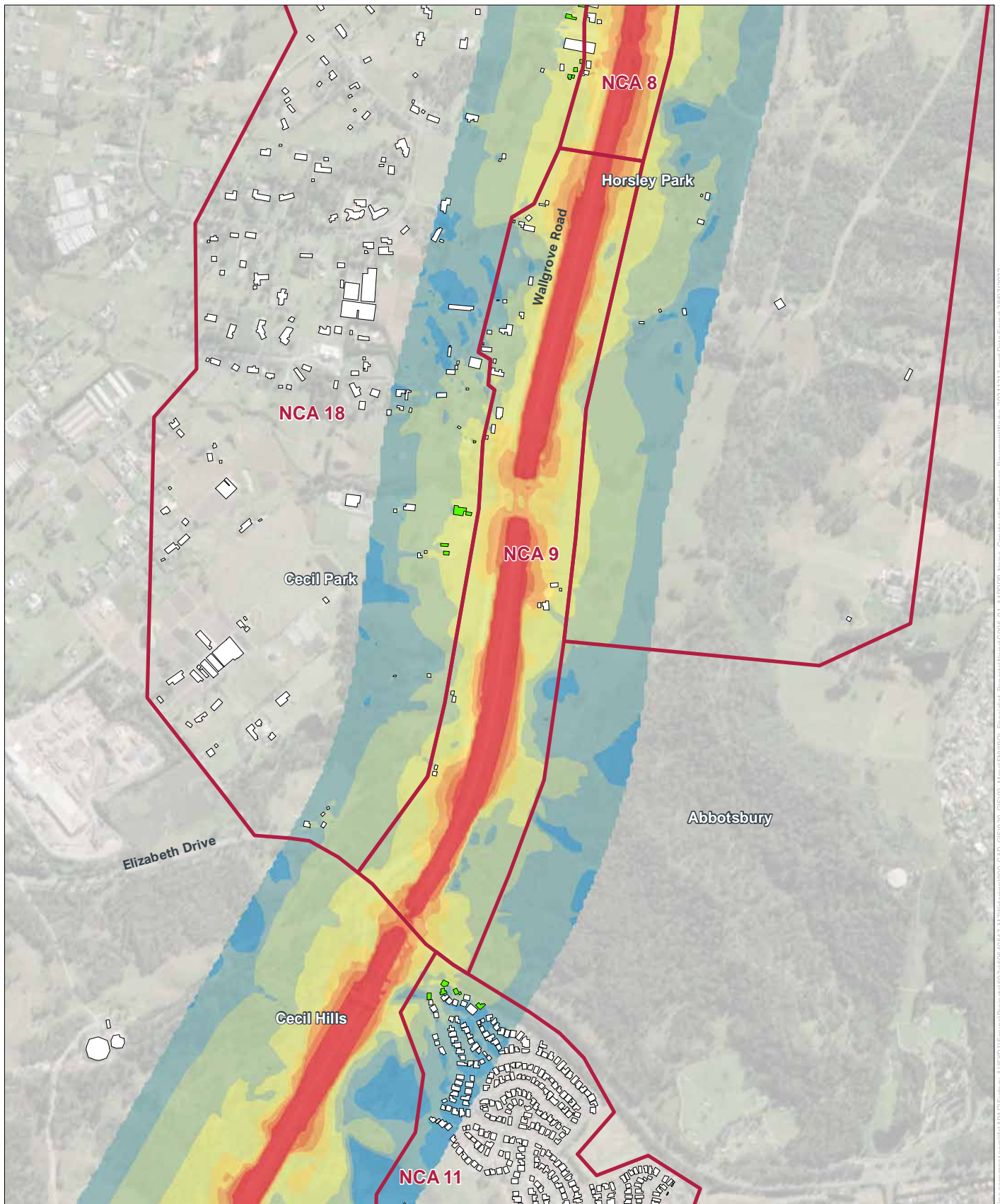
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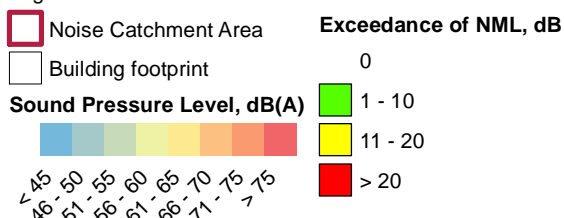


M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



AECOM

Legend

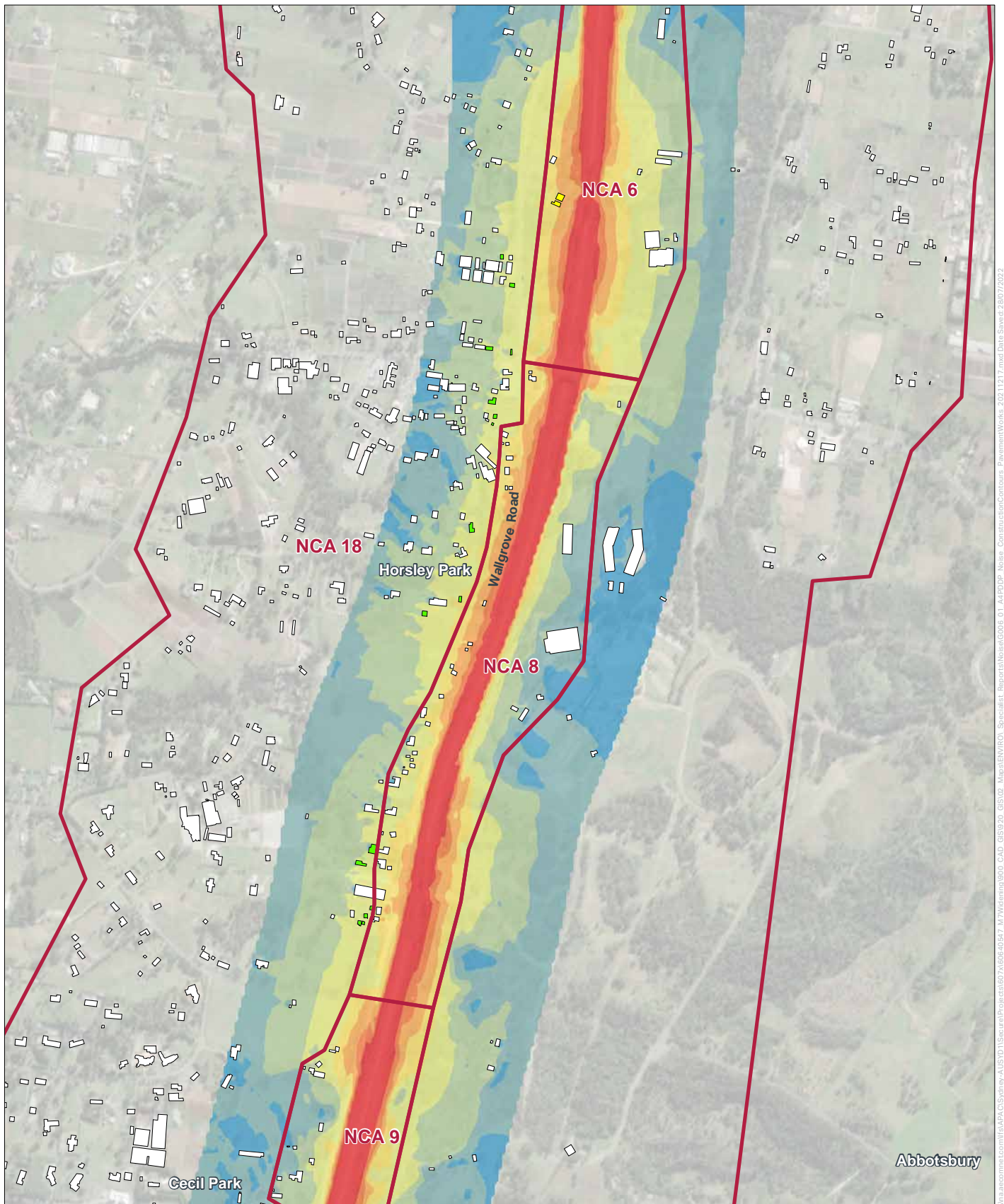


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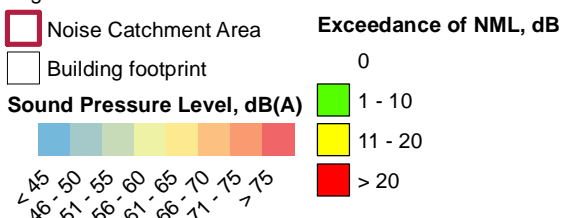


M7 WIDENING **CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS**



AECOM

Legend

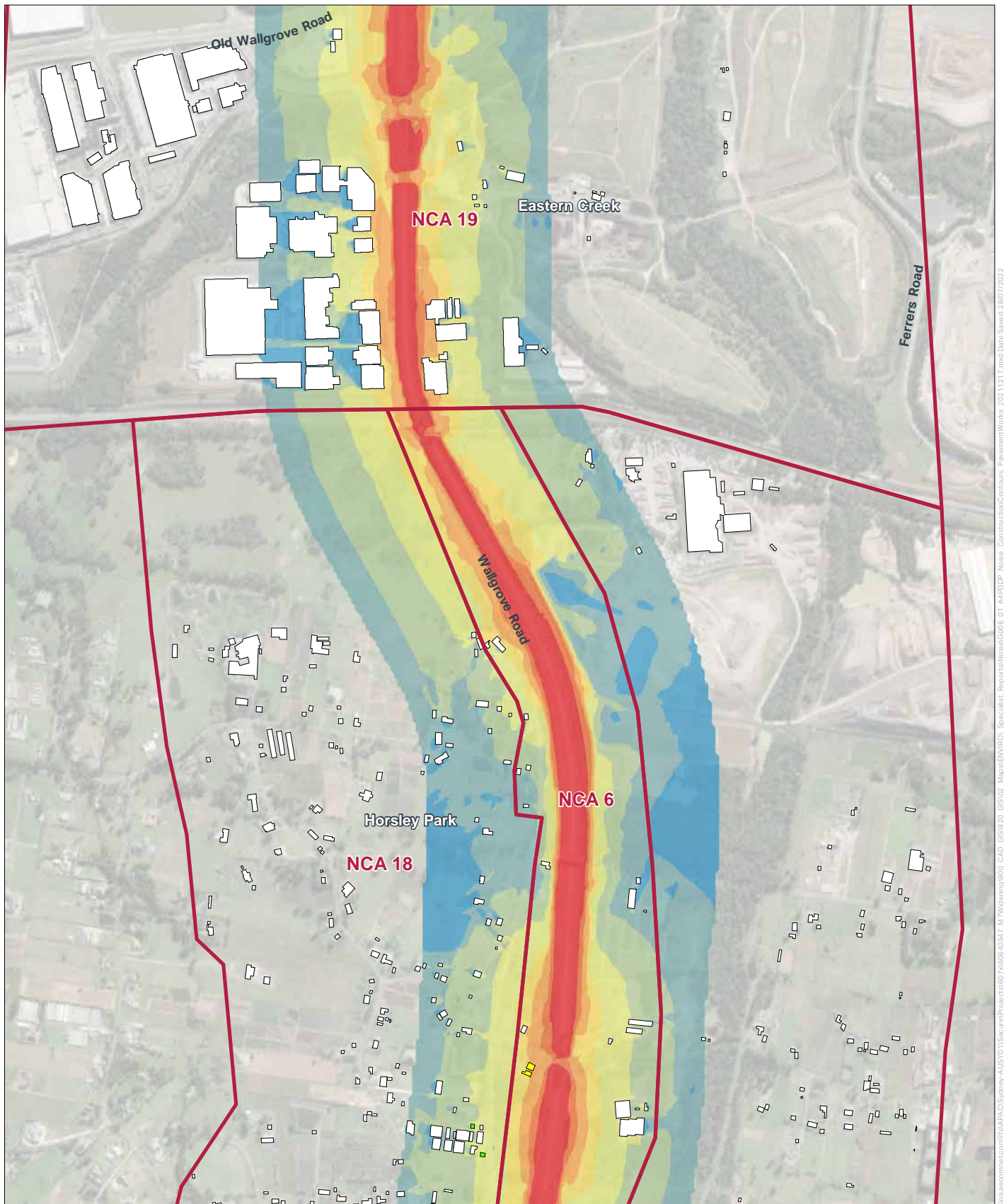


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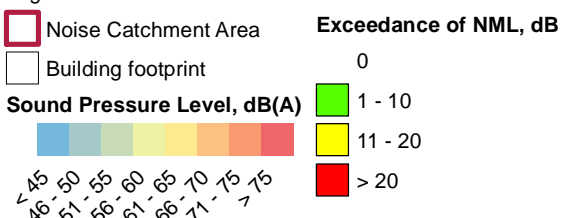


M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



AECOM

Legend

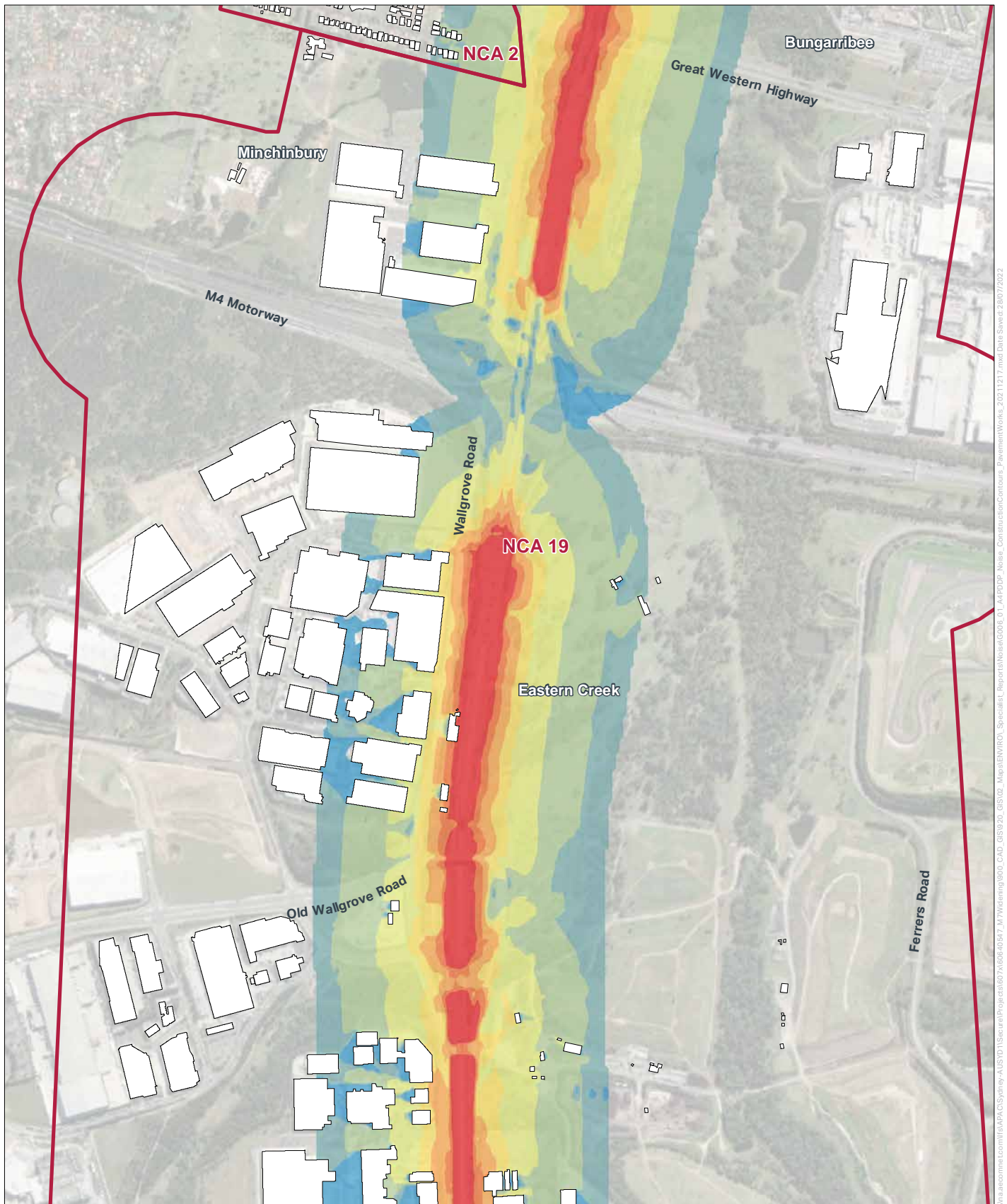


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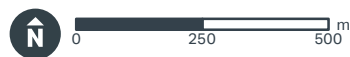
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M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



AECOM

Legend

- Noise Catchment Area
- Building footprint

Sound Pressure Level, dB(A)



Exceedance of NML, dB

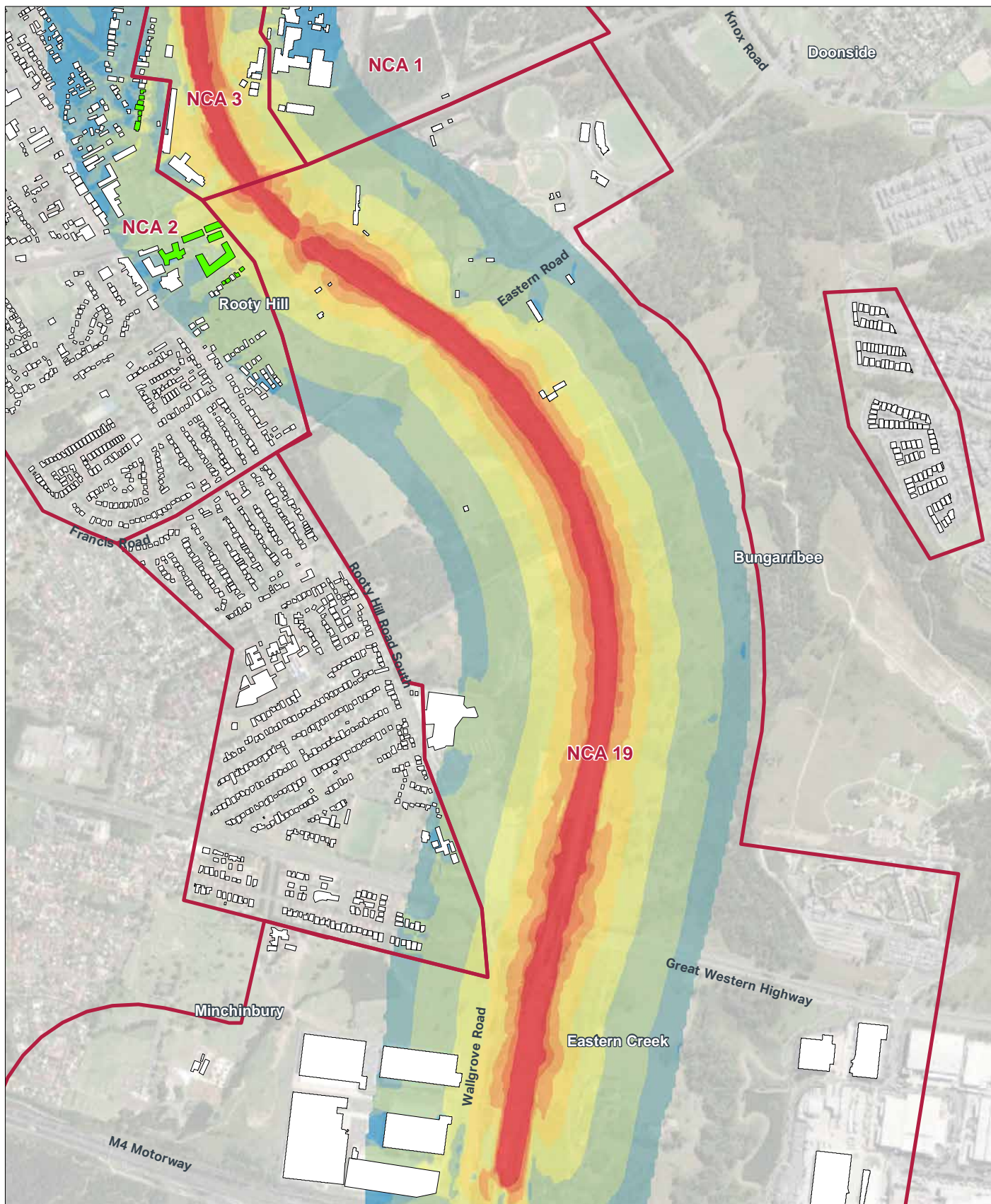
- 0
- 1 - 10
- 11 - 20
- > 20

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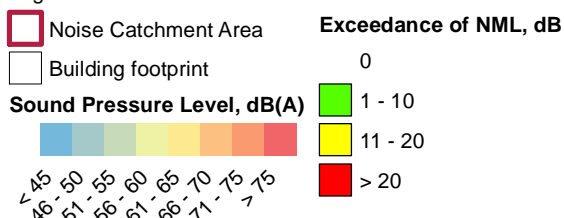


M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



AECOM

Legend

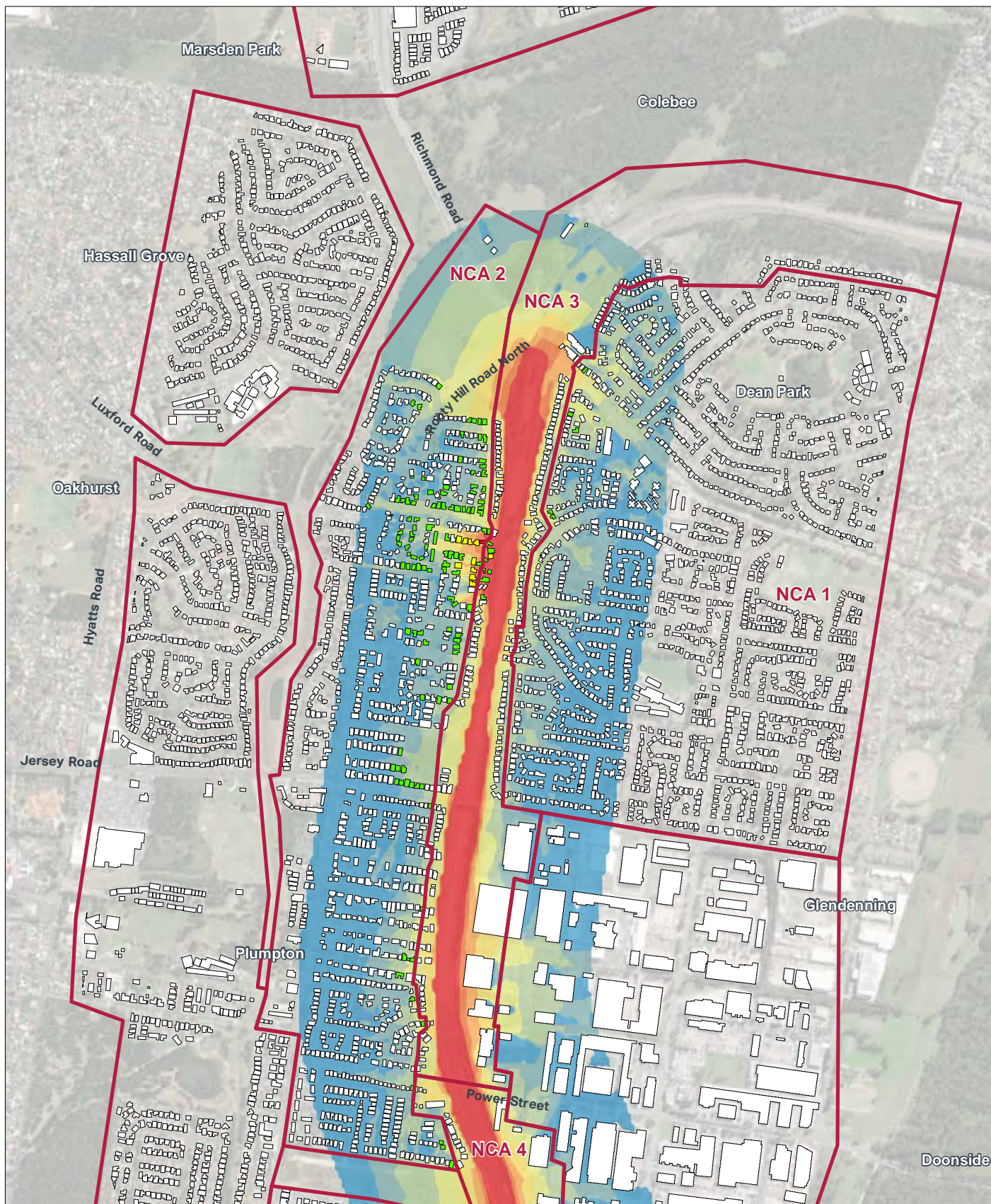


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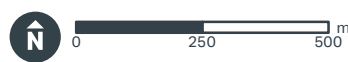
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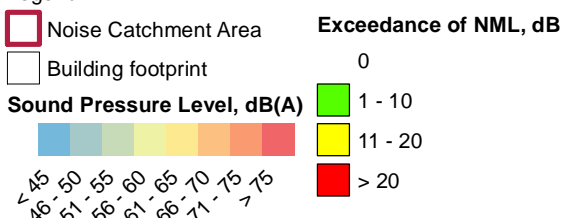


M7 WIDENING CONSTRUCTION NOISE CONTOURS - PAVEMENT WORKS



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