



Attachment 5 to Item 10.3.3.

Hawkesbury Floodplain Risk Management Study and Plan
2025 – Maps

Date of meeting: 11 March 2025

Location: Council Chambers

Time: 6:30pm

FIGURE 1
STUDY AREA

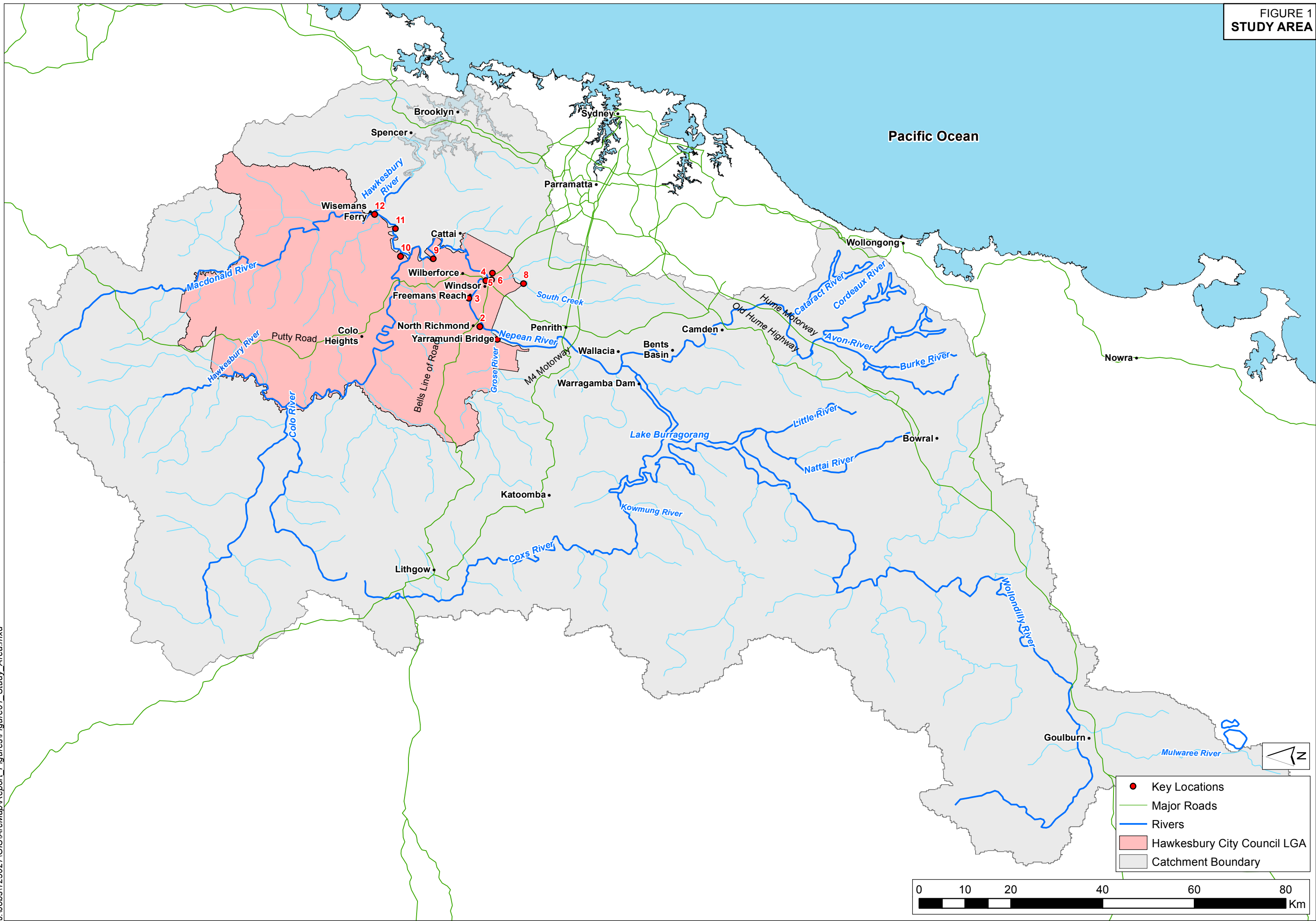
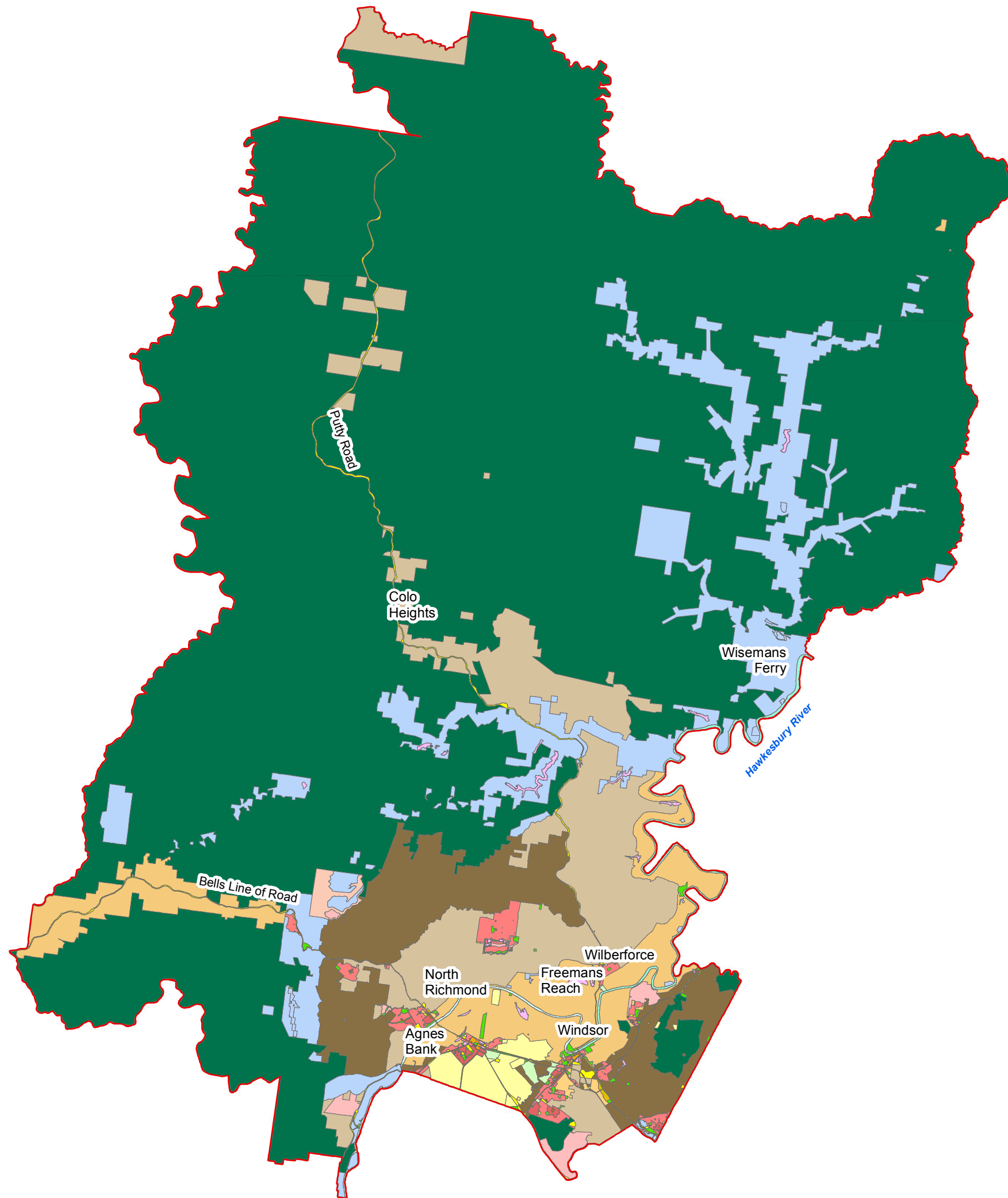


FIGURE 2
LAND USE ZONES



- LGA Boundary
- Land Use Zone**
- B2 Local Centre
- B4 Mixed Use
- C1 National Parks and Nature Reserves
- C2 Environmental Conservation
- C3 Environmental Management
- C4 Environmental Living
- DM Deferred Matter
- E1 National Parks and Nature Reserves
- E2 Environmental Conservation
- E3 Environmental Management
- E4 Environmental Living
- R1 General Residential
- R2 Low Density Residential
- R3 Medium Density Residential
- R5 Large Lot Residential
- RE1 Public Recreation
- RE2 Private Recreation
- RU1 Primary Production
- RU2 Rural Landscape
- RU4 Primary Production Small Lots
- RU5 Village
- SP1 Special Activities
- SP2 Infrastructure
- W1 Natural Waterways
- W2 Recreational Waterways

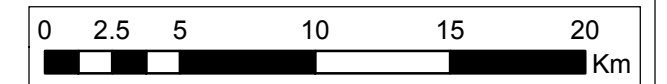
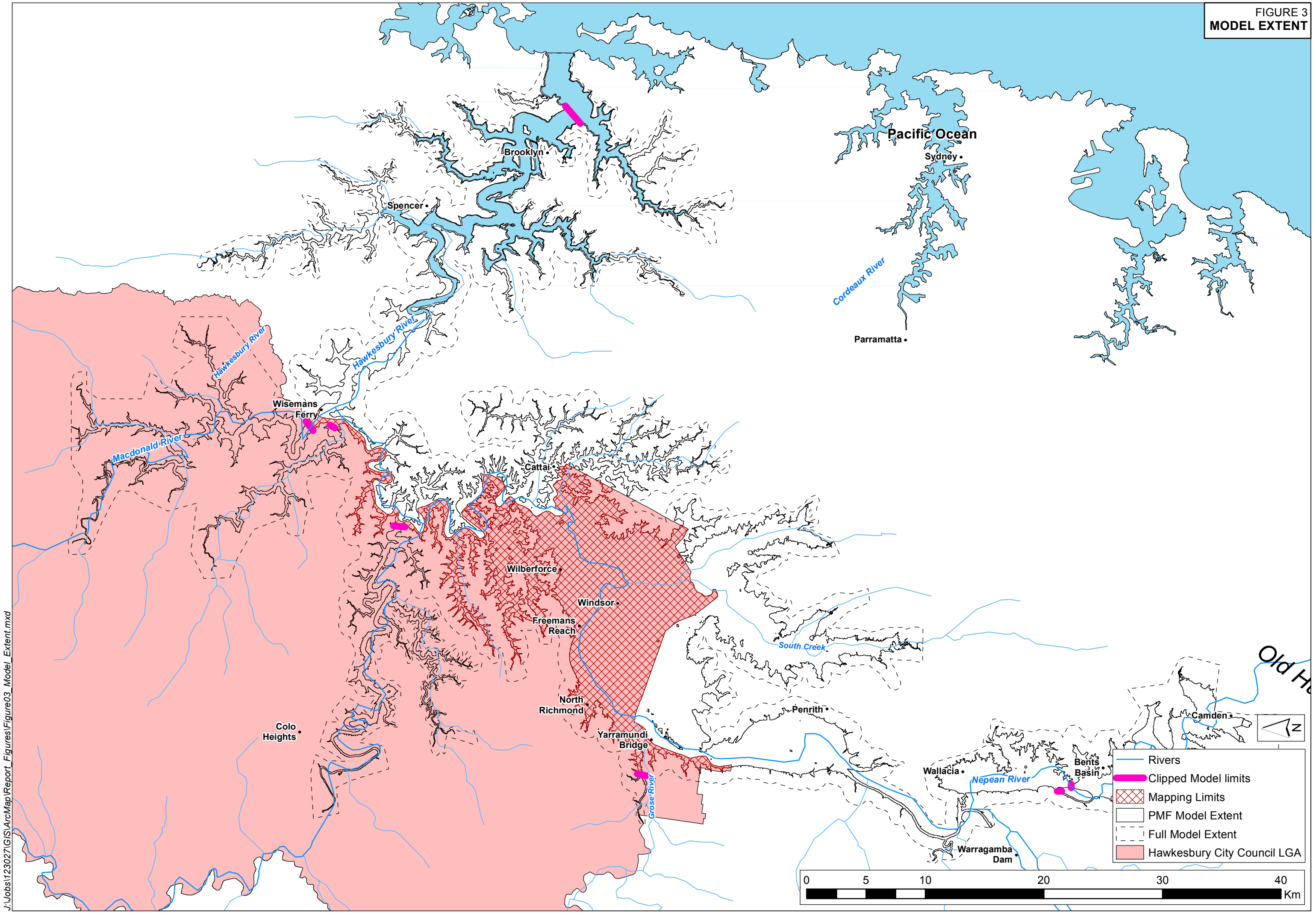
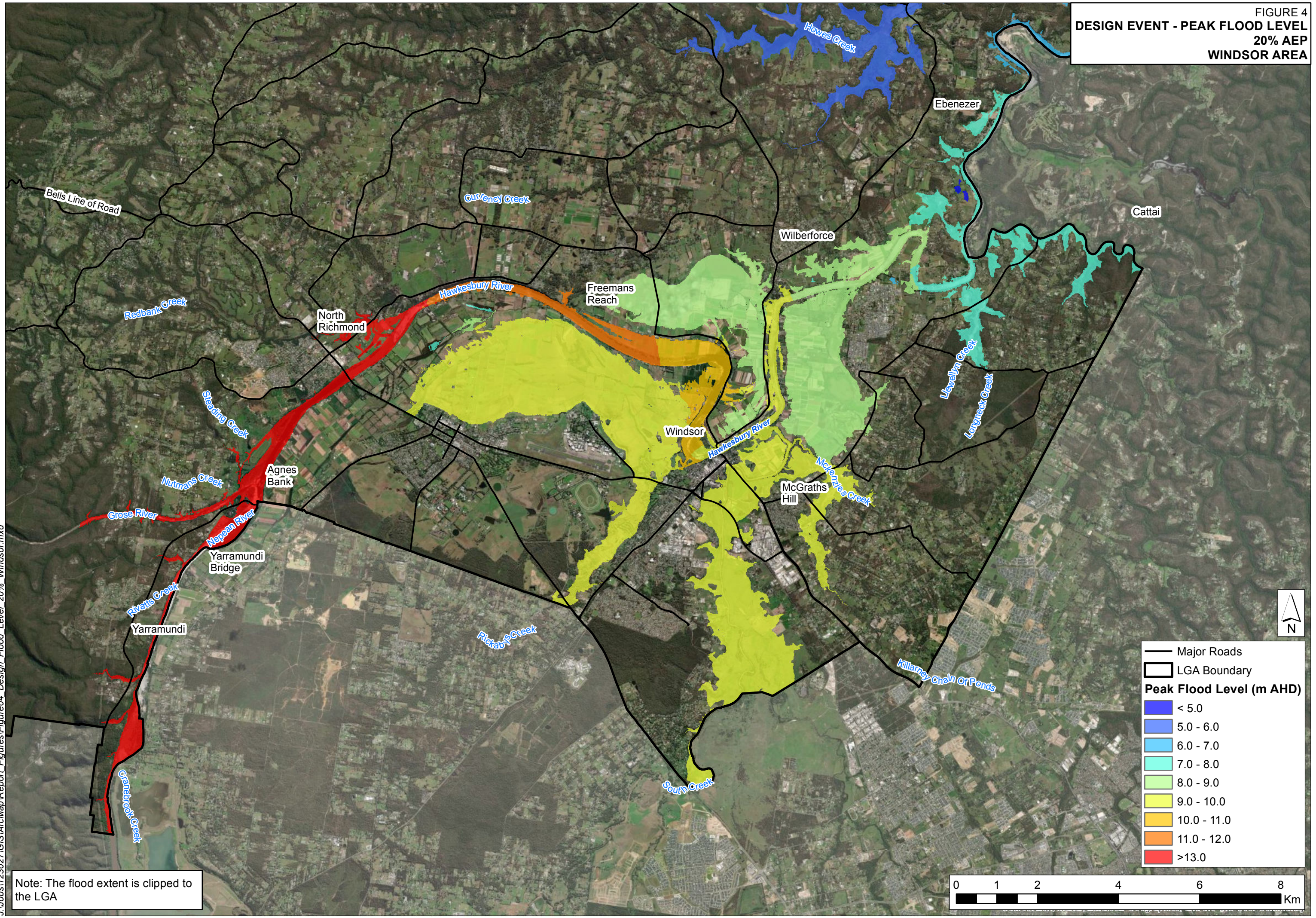


FIGURE 3
MODEL EXTENT



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FIGURE 4
DESIGN EVENT - PEAK FLOOD LEVEL
20% AEP
WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

Blue	< 5.0
Light Blue	5.0 - 6.0
Medium Blue	6.0 - 7.0
Cyan	7.0 - 8.0
Light Green	8.0 - 9.0
Yellow	9.0 - 10.0
Orange	10.0 - 11.0
Dark Orange	11.0 - 12.0
Red	>13.0

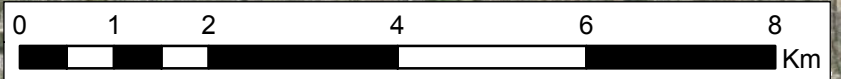
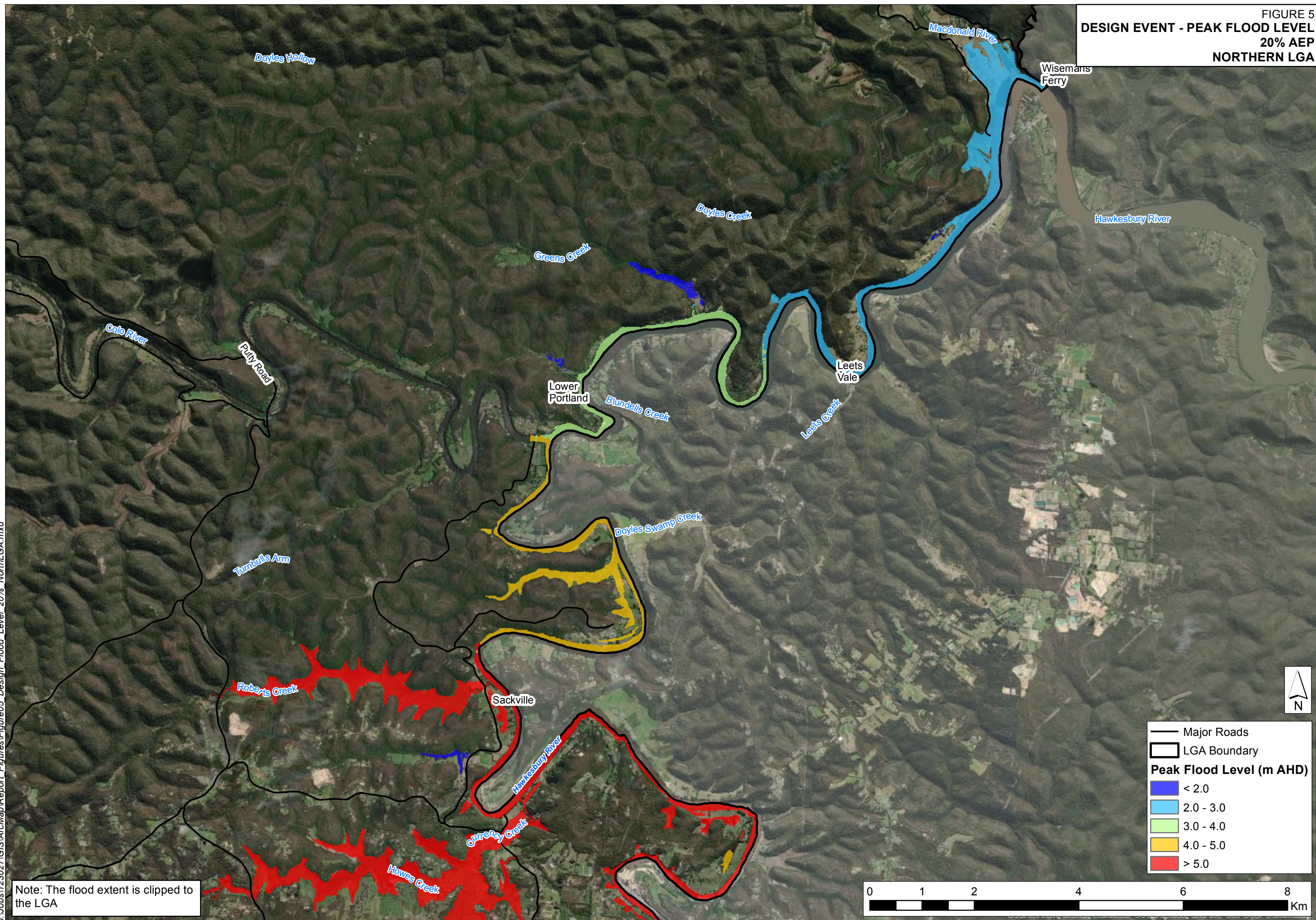


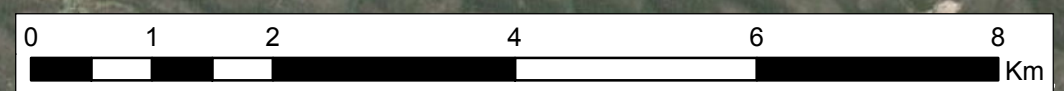
FIGURE 5
 DESIGN EVENT - PEAK FLOOD LEVEL
 20% AEP
 NORTHERN LGA



— Major Roads
 □ LGA Boundary

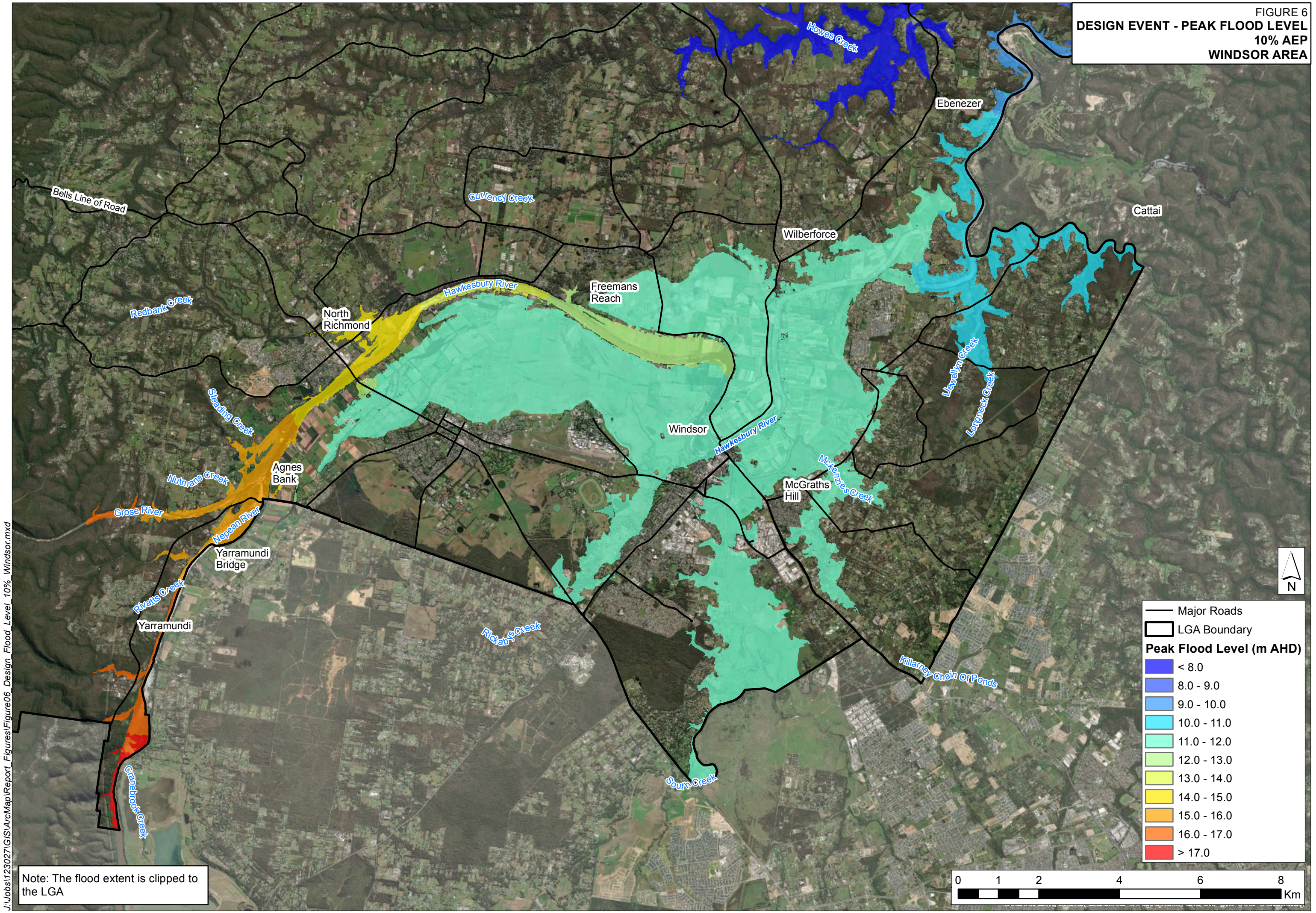
Peak Flood Level (m AHD)

- < 2.0
- 2.0 - 3.0
- 3.0 - 4.0
- 4.0 - 5.0
- > 5.0



Note: The flood extent is clipped to the LGA

FIGURE 6
DESIGN EVENT - PEAK FLOOD LEVEL
10% AEP
WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

< 8.0
8.0 - 9.0
9.0 - 10.0
10.0 - 11.0
11.0 - 12.0
12.0 - 13.0
13.0 - 14.0
14.0 - 15.0
15.0 - 16.0
16.0 - 17.0
> 17.0

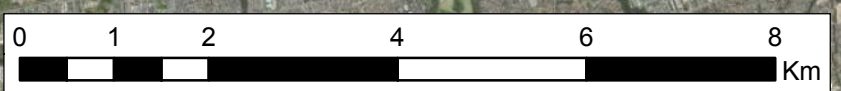
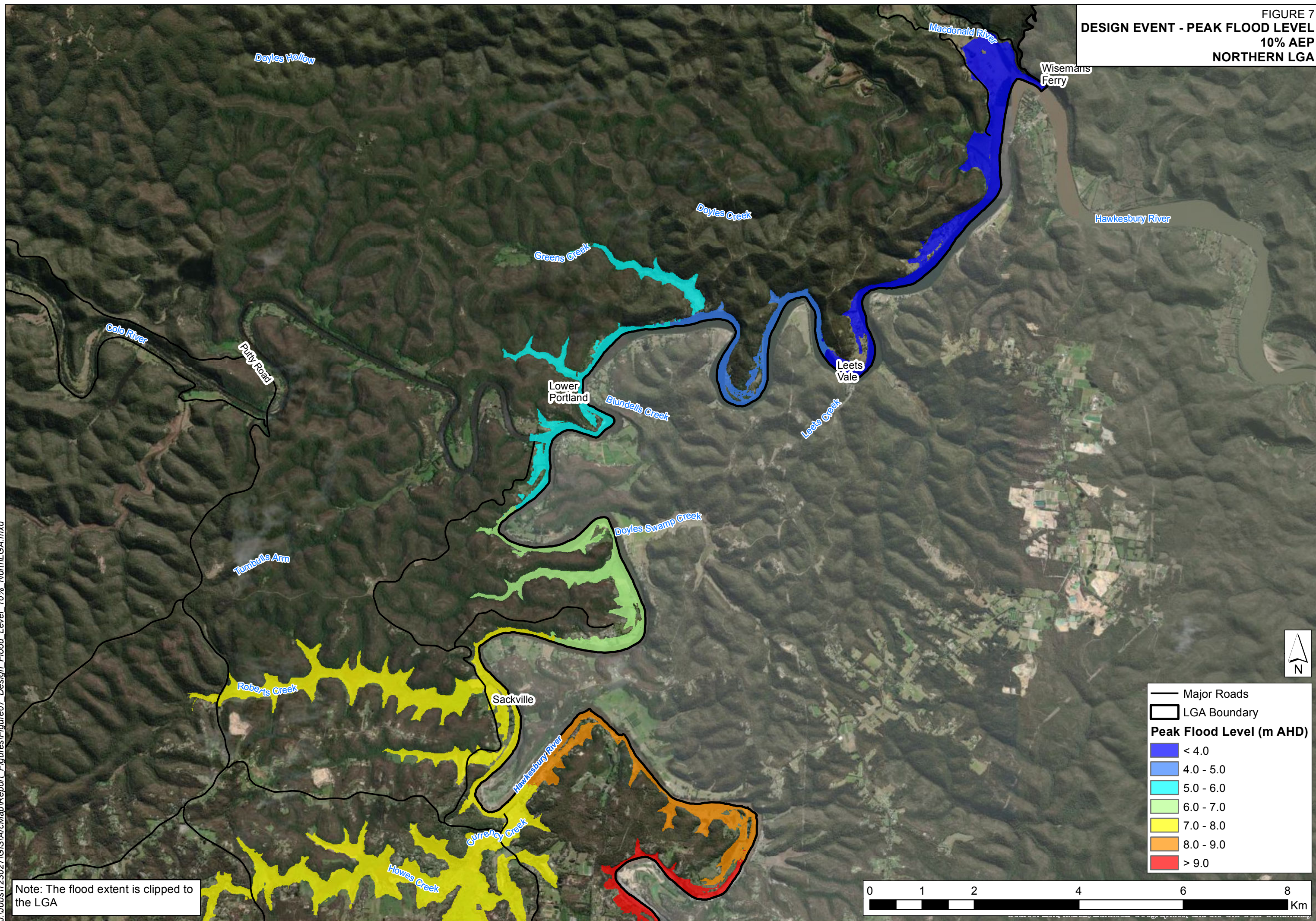


FIGURE 7
DESIGN EVENT - PEAK FLOOD LEVEL
10% AEP
NORTHERN LGA

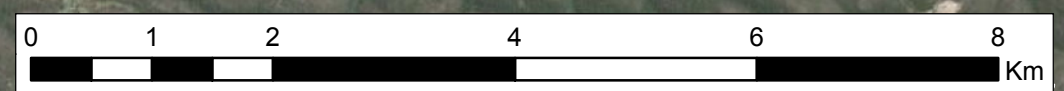


— Major Roads
 [Thick Black Line] LGA Boundary

Peak Flood Level (m AHD)

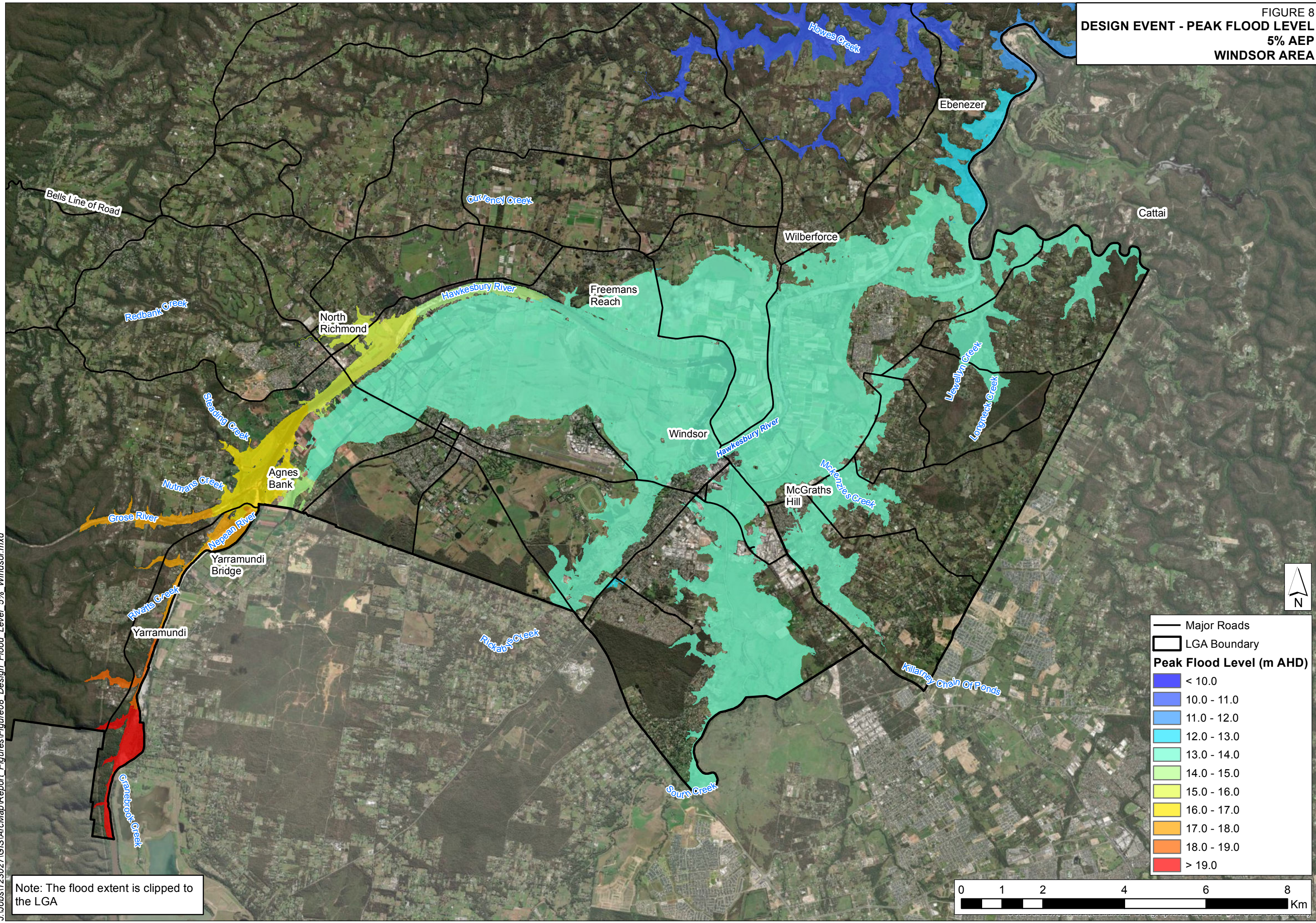
- [Dark Blue] < 4.0
- [Light Blue] 4.0 - 5.0
- [Cyan] 5.0 - 6.0
- [Light Green] 6.0 - 7.0
- [Yellow] 7.0 - 8.0
- [Orange] 8.0 - 9.0
- [Red] > 9.0

Note: The flood extent is clipped to the LGA



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FIGURE 8
DESIGN EVENT - PEAK FLOOD LEVEL
5% AEP
WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

Blue	< 10.0
Light Blue	10.0 - 11.0
Medium Blue	11.0 - 12.0
Cyan	12.0 - 13.0
Light Green	13.0 - 14.0
Yellow-Green	14.0 - 15.0
Yellow	15.0 - 16.0
Orange	16.0 - 17.0
Dark Orange	17.0 - 18.0
Red-Orange	18.0 - 19.0
Red	> 19.0

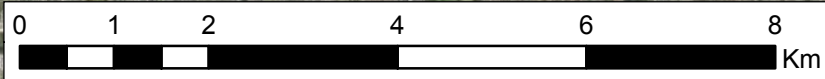
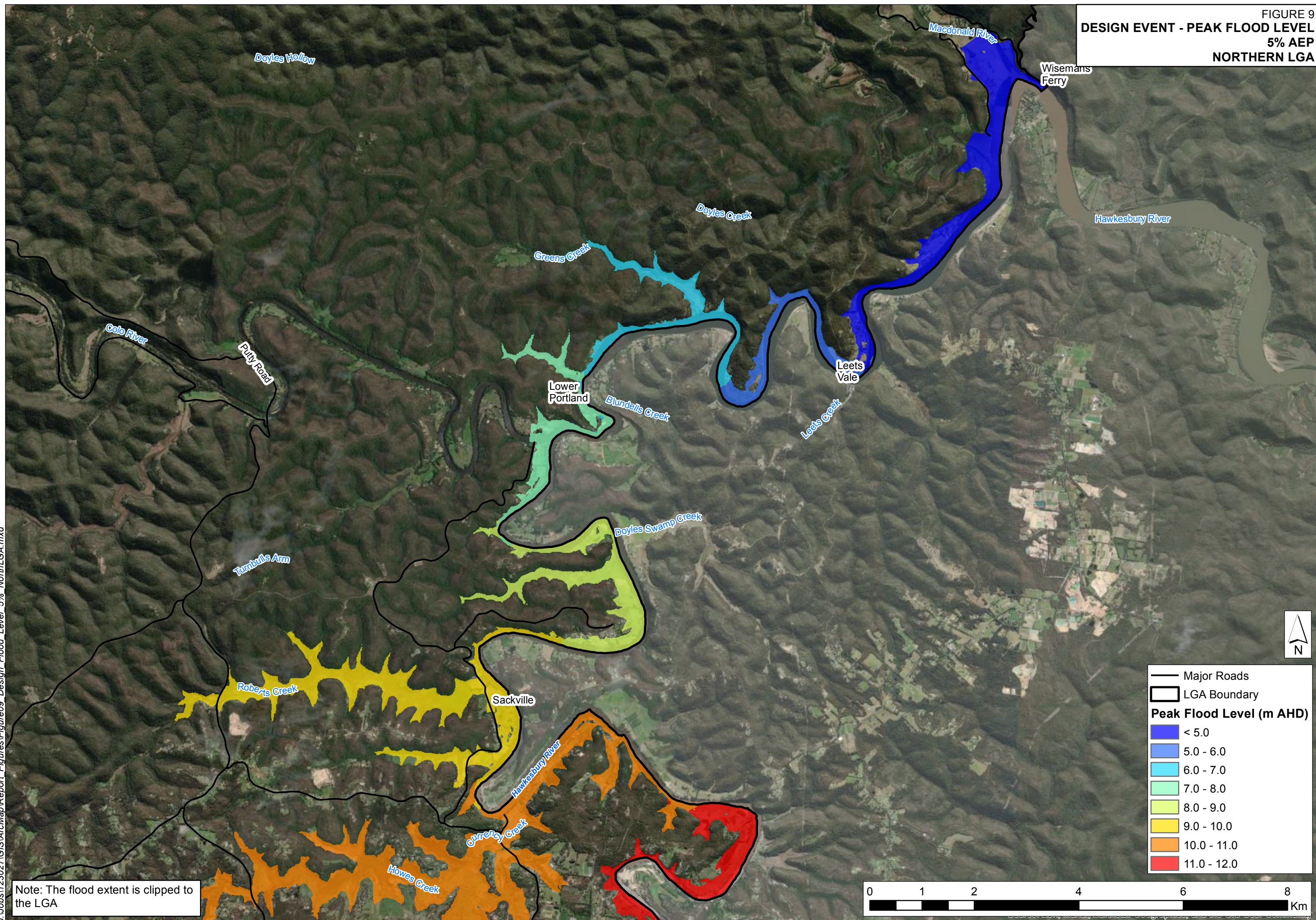


FIGURE 9
DESIGN EVENT - PEAK FLOOD LEVEL
5% AEP
NORTHERN LGA

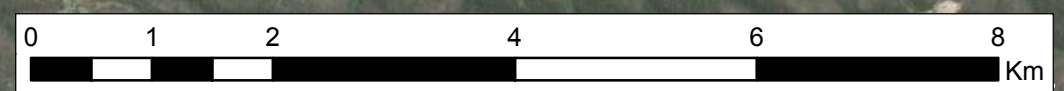


— Major Roads
 [Thick Black Line] LGA Boundary

Peak Flood Level (m AHD)

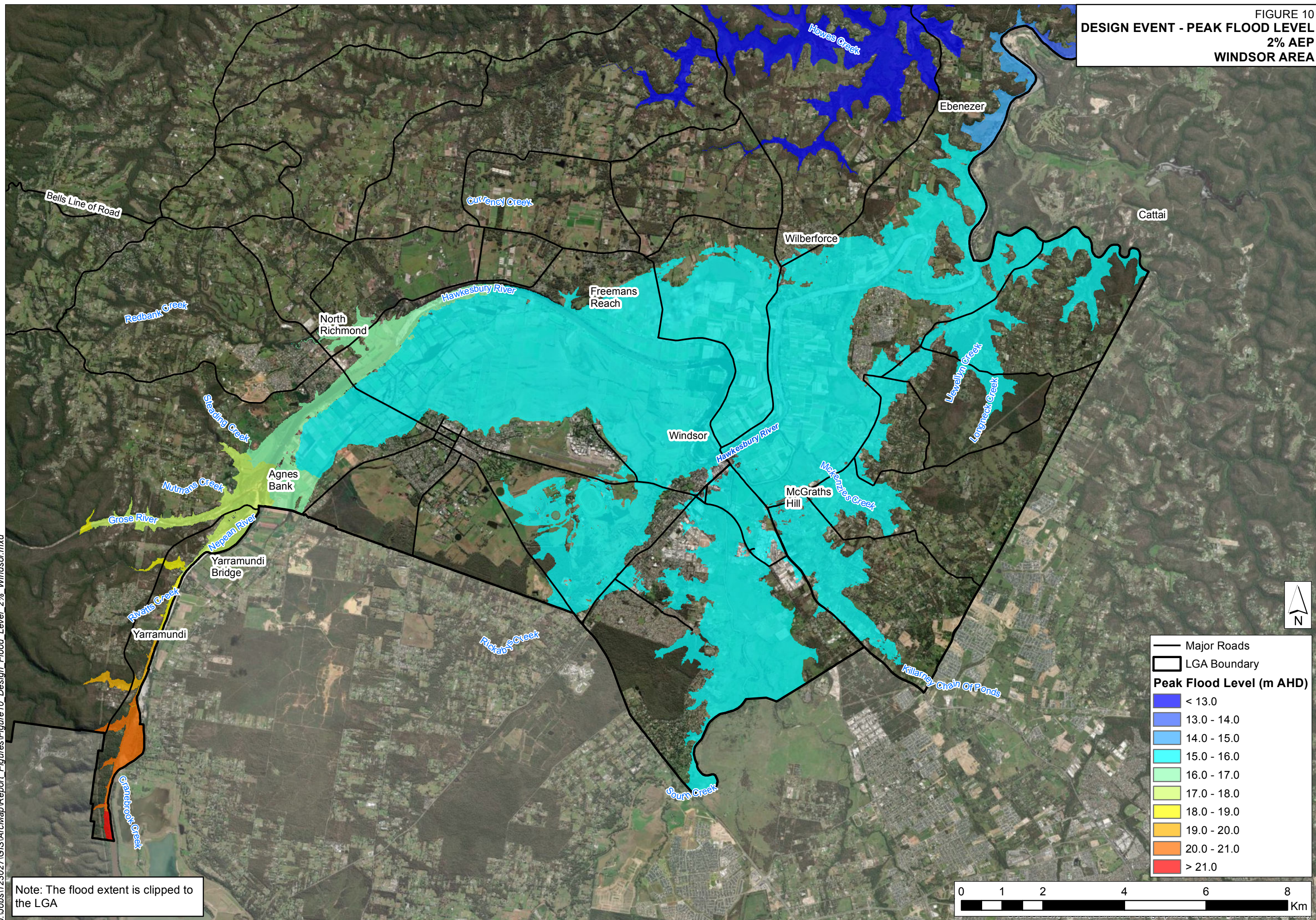
[Dark Blue]	< 5.0
[Light Blue]	5.0 - 6.0
[Cyan]	6.0 - 7.0
[Light Green]	7.0 - 8.0
[Yellow-Green]	8.0 - 9.0
[Yellow]	9.0 - 10.0
[Orange]	10.0 - 11.0
[Red]	11.0 - 12.0

Note: The flood extent is clipped to the LGA



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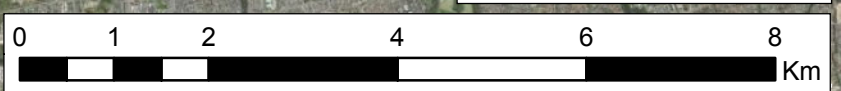
FIGURE 10
 DESIGN EVENT - PEAK FLOOD LEVEL
 2% AEP
 WINDSOR AREA



— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

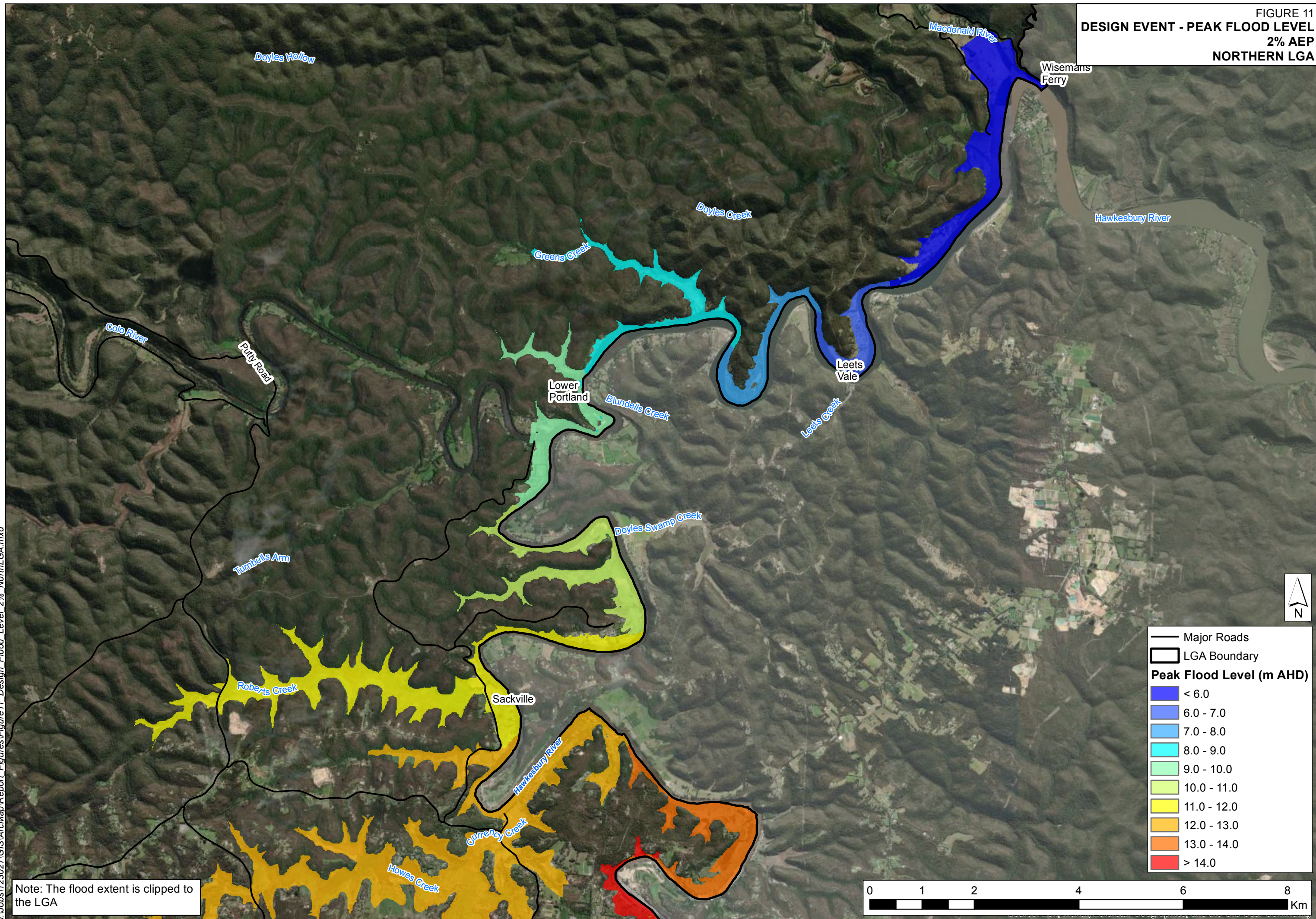
Dark Blue	< 13.0
Blue	13.0 - 14.0
Light Blue	14.0 - 15.0
Cyan	15.0 - 16.0
Light Green	16.0 - 17.0
Yellow-Green	17.0 - 18.0
Yellow	18.0 - 19.0
Orange	19.0 - 20.0
Dark Orange	20.0 - 21.0
Red	> 21.0



Note: The flood extent is clipped to the LGA

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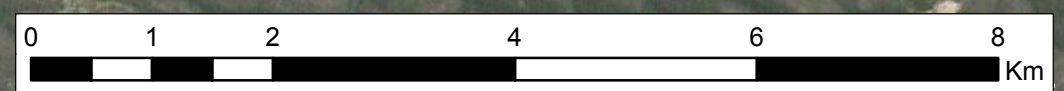
FIGURE 11
DESIGN EVENT - PEAK FLOOD LEVEL
2% AEP
NORTHERN LGA



— Major Roads
 □ LGA Boundary

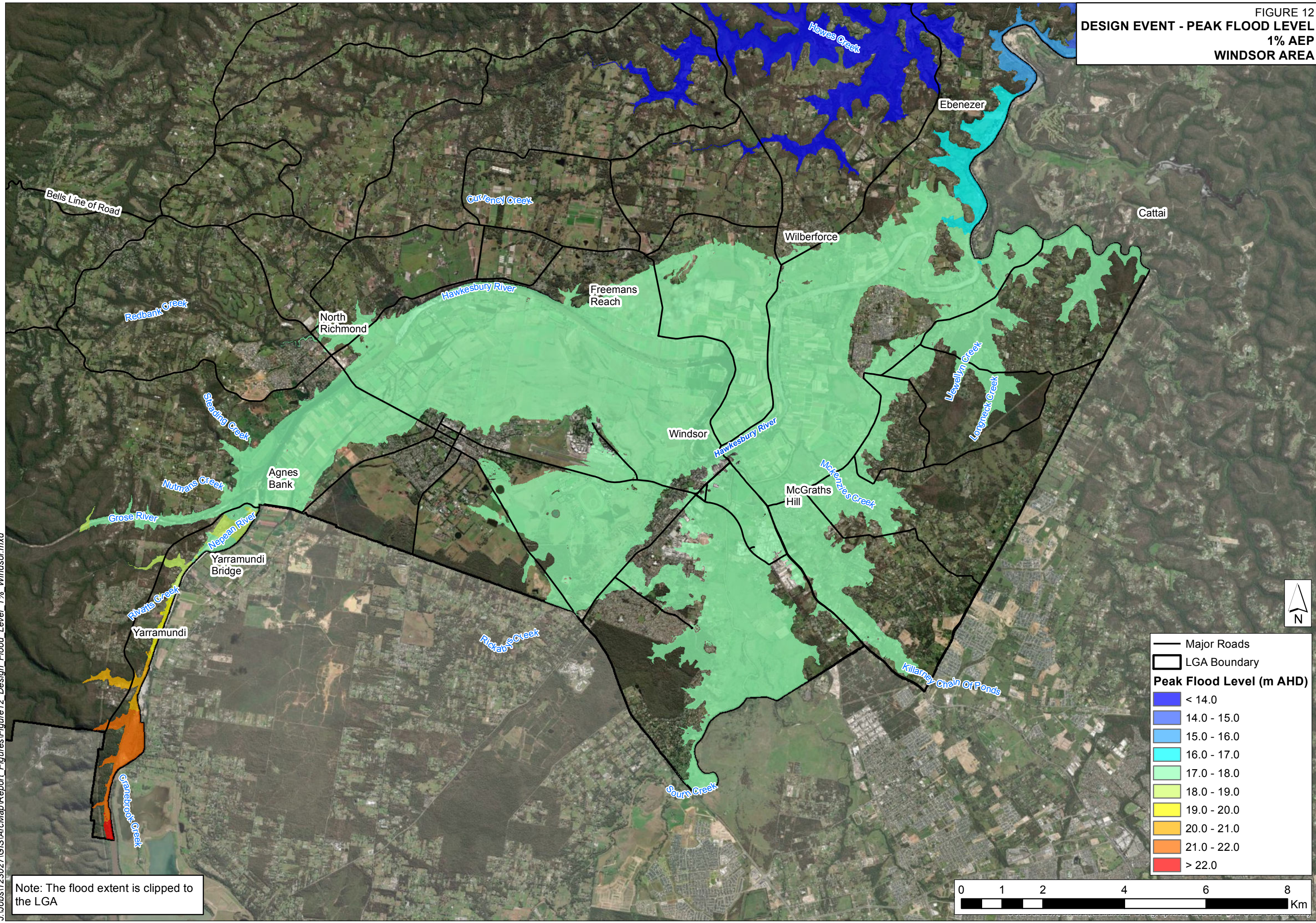
Peak Flood Level (m AHD)

Blue	< 6.0
Light Blue	6.0 - 7.0
Cyan	7.0 - 8.0
Light Green	8.0 - 9.0
Yellow-Green	9.0 - 10.0
Yellow	10.0 - 11.0
Orange	11.0 - 12.0
Dark Orange	12.0 - 13.0
Red-Orange	13.0 - 14.0
Red	> 14.0



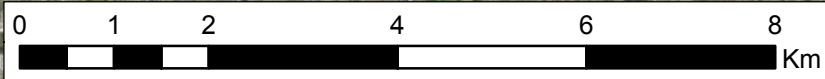
Note: The flood extent is clipped to the LGA

FIGURE 12
DESIGN EVENT - PEAK FLOOD LEVEL
1% AEP
WINDSOR AREA



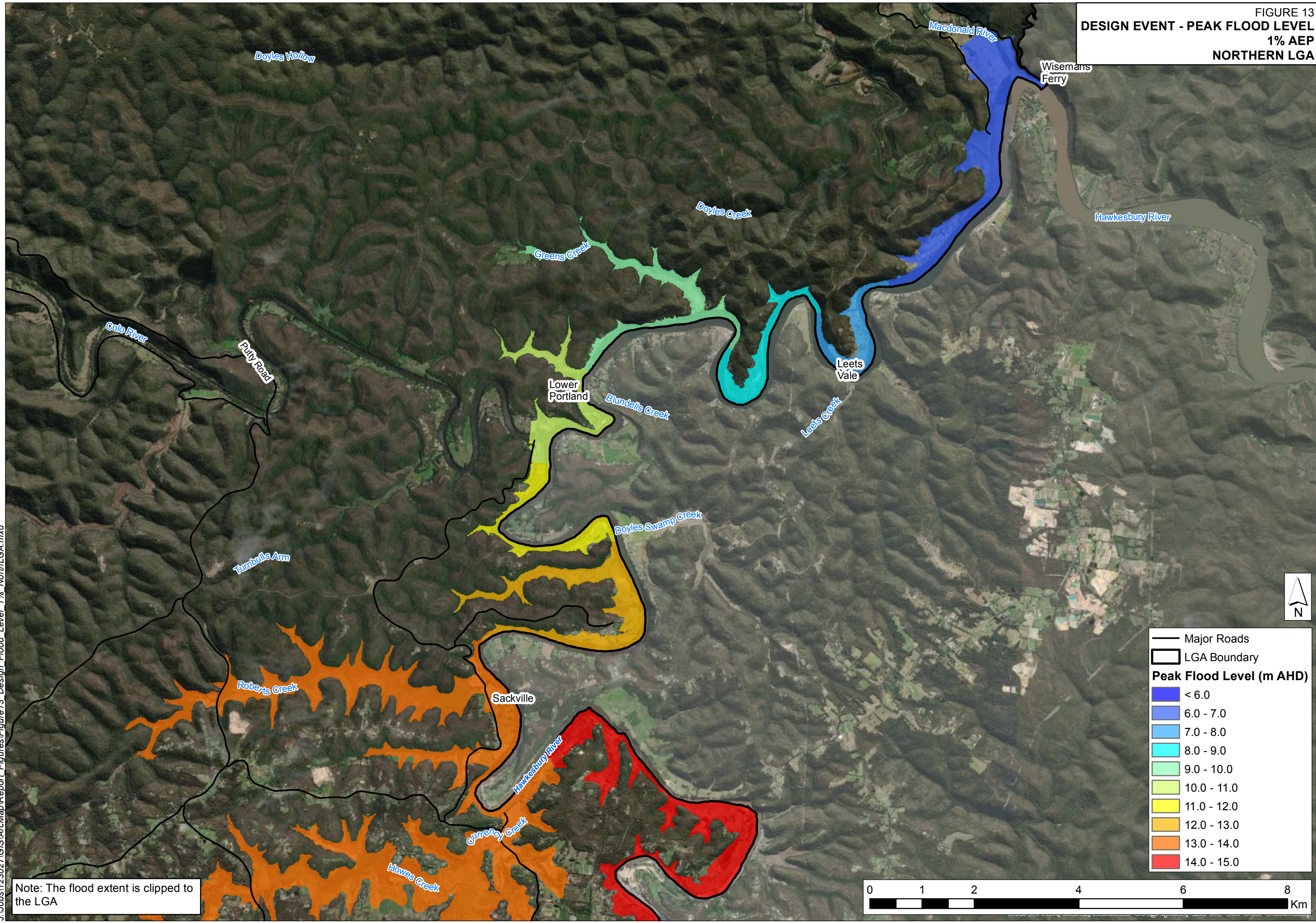
	Major Roads
	LGA Boundary
Peak Flood Level (m AHD)	
	< 14.0
	14.0 - 15.0
	15.0 - 16.0
	16.0 - 17.0
	17.0 - 18.0
	18.0 - 19.0
	19.0 - 20.0
	20.0 - 21.0
	21.0 - 22.0
	> 22.0

Note: The flood extent is clipped to the LGA



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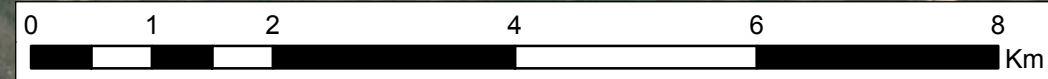
FIGURE 13
DESIGN EVENT - PEAK FLOOD LEVEL
1% AEP
NORTHERN LGA



— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

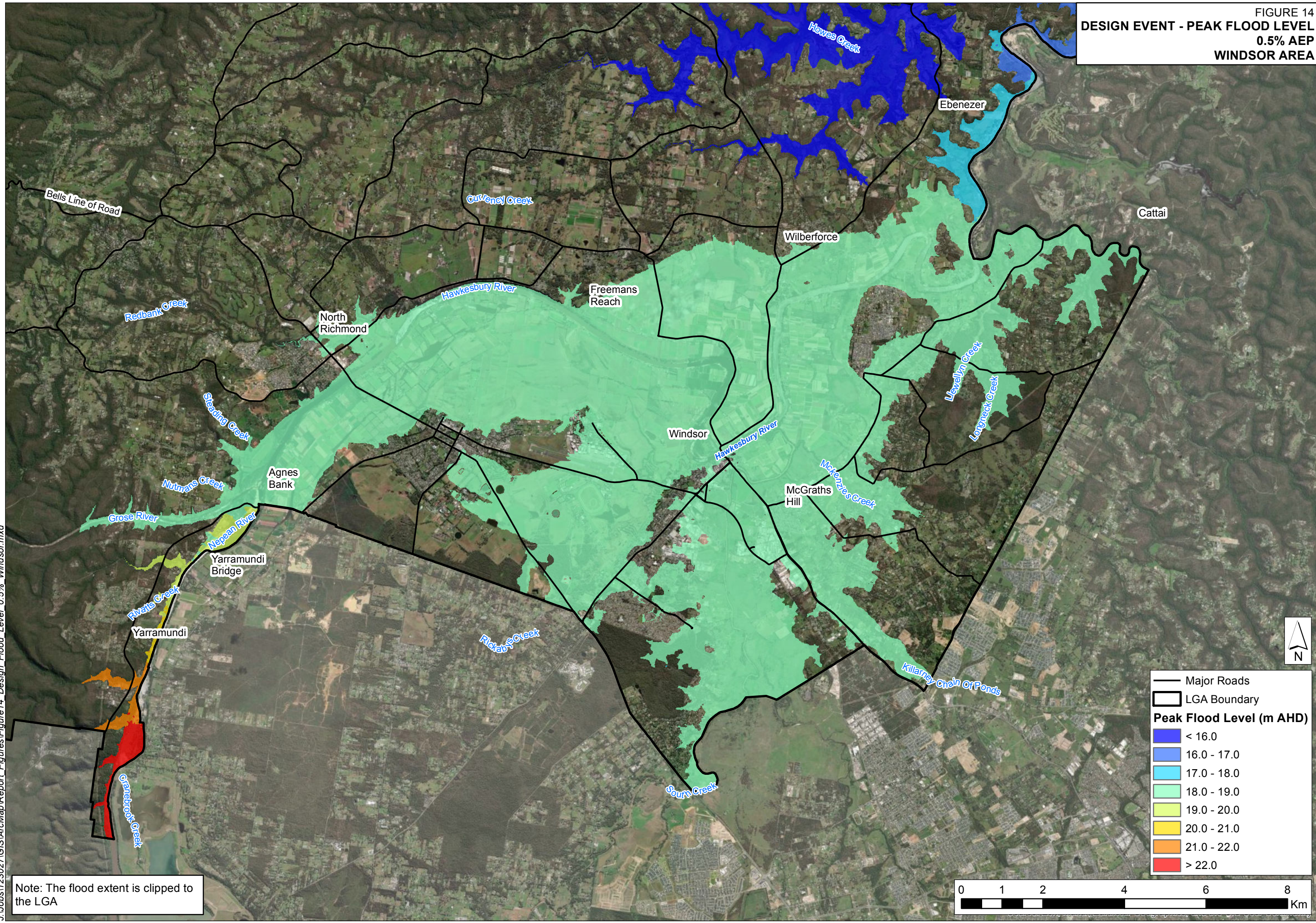
Dark Blue	< 6.0
Blue	6.0 - 7.0
Light Blue	7.0 - 8.0
Cyan	8.0 - 9.0
Light Green	9.0 - 10.0
Yellow-Green	10.0 - 11.0
Yellow	11.0 - 12.0
Orange	12.0 - 13.0
Dark Orange	13.0 - 14.0
Red	14.0 - 15.0



Note: The flood extent is clipped to the LGA

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FIGURE 14
DESIGN EVENT - PEAK FLOOD LEVEL
0.5% AEP
WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

Blue	< 16.0
Light Blue	16.0 - 17.0
Light Green	17.0 - 18.0
Green	18.0 - 19.0
Yellow-Green	19.0 - 20.0
Yellow	20.0 - 21.0
Orange	21.0 - 22.0
Red	> 22.0

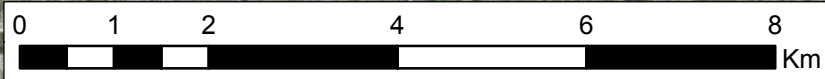
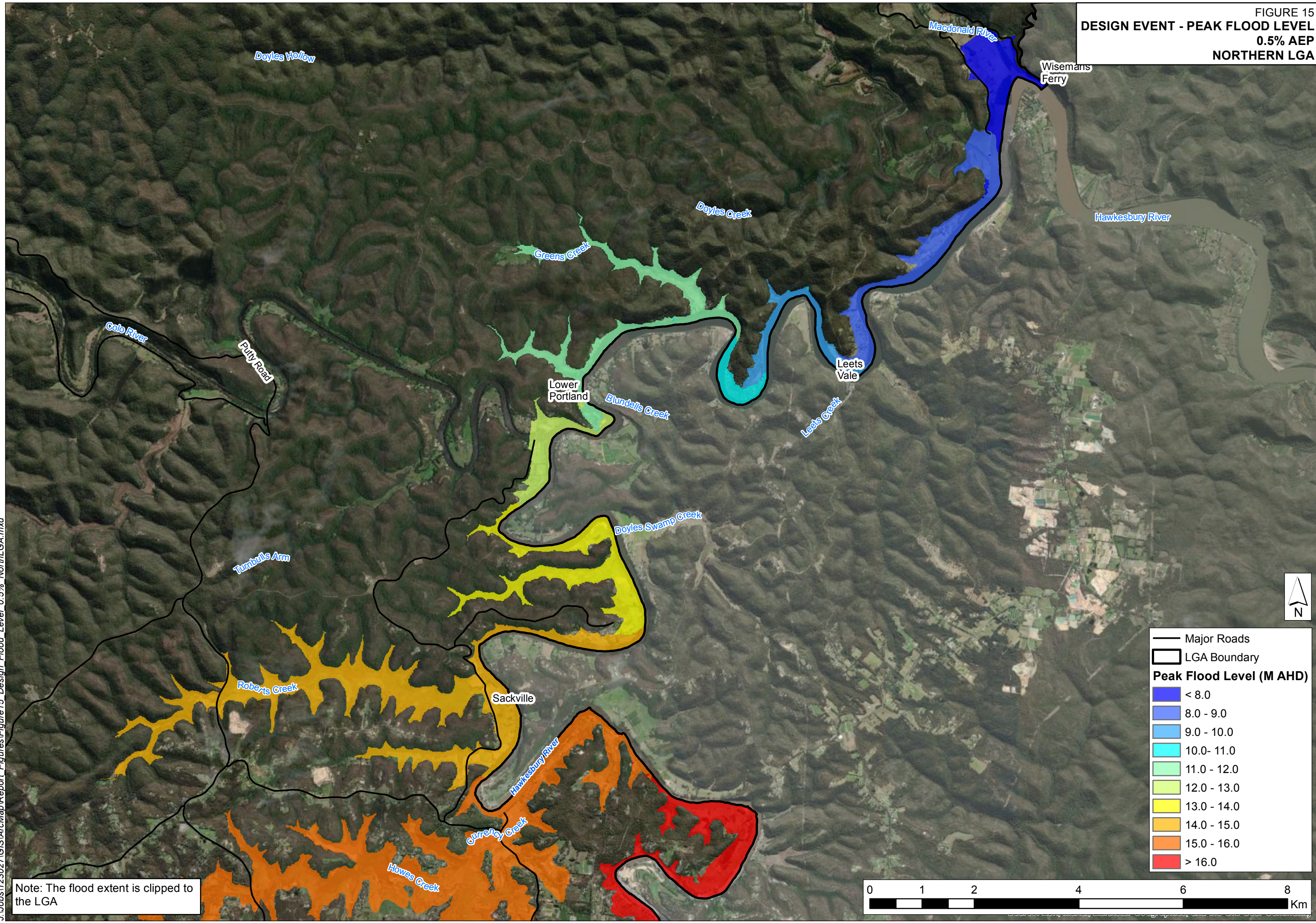


FIGURE 15
DESIGN EVENT - PEAK FLOOD LEVEL
0.5% AEP
NORTHERN LGA



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Note: The flood extent is clipped to the LGA

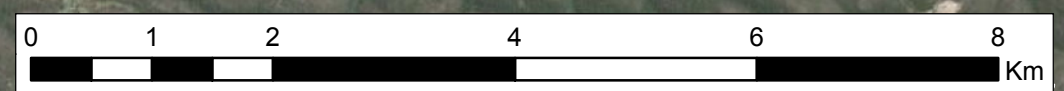
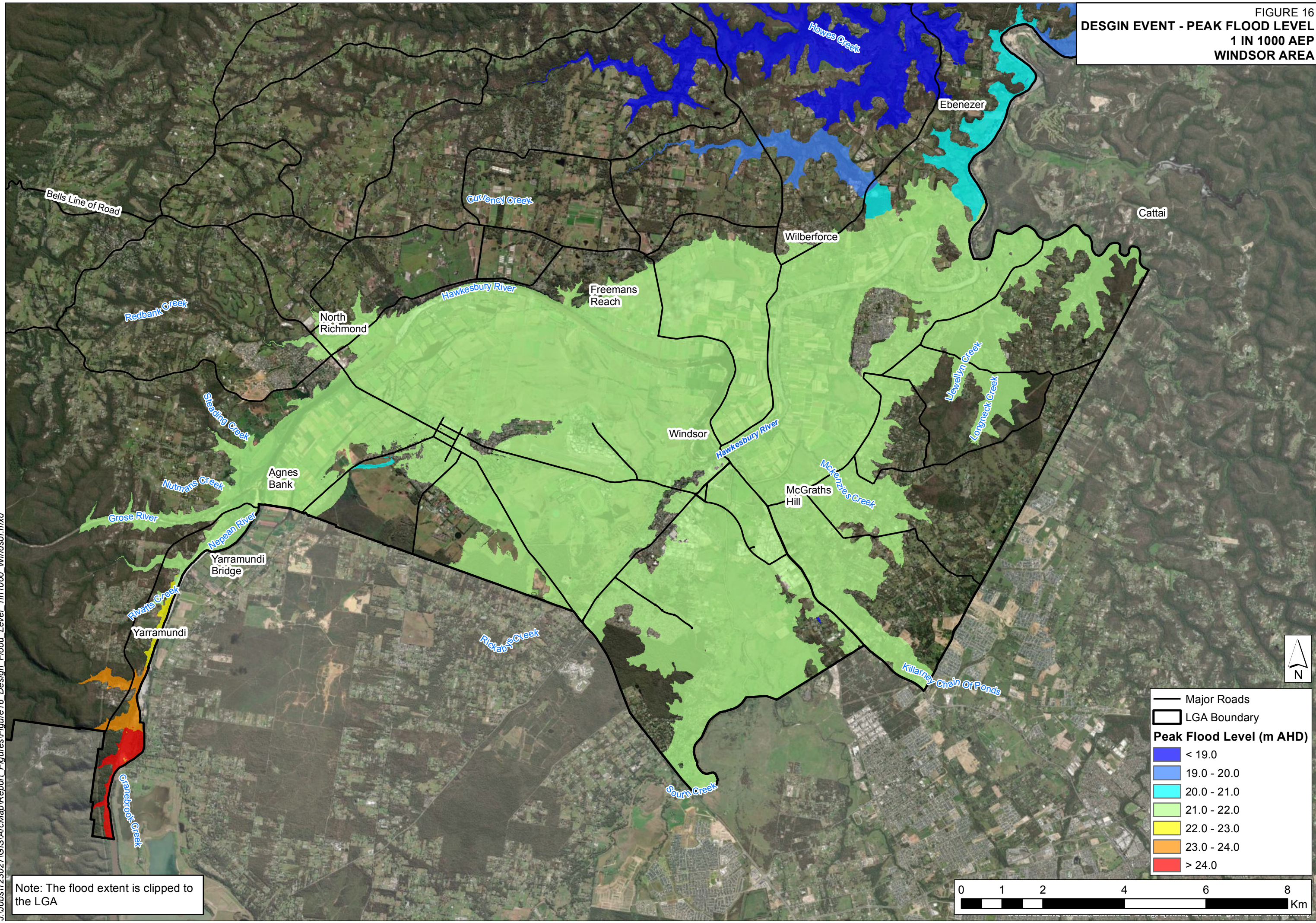


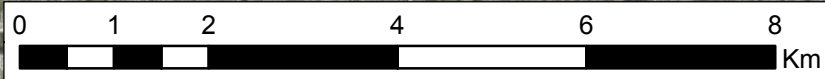
FIGURE 16
 DESGIN EVENT - PEAK FLOOD LEVEL
 1 IN 1000 AEP
 WINDSOR AREA



— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

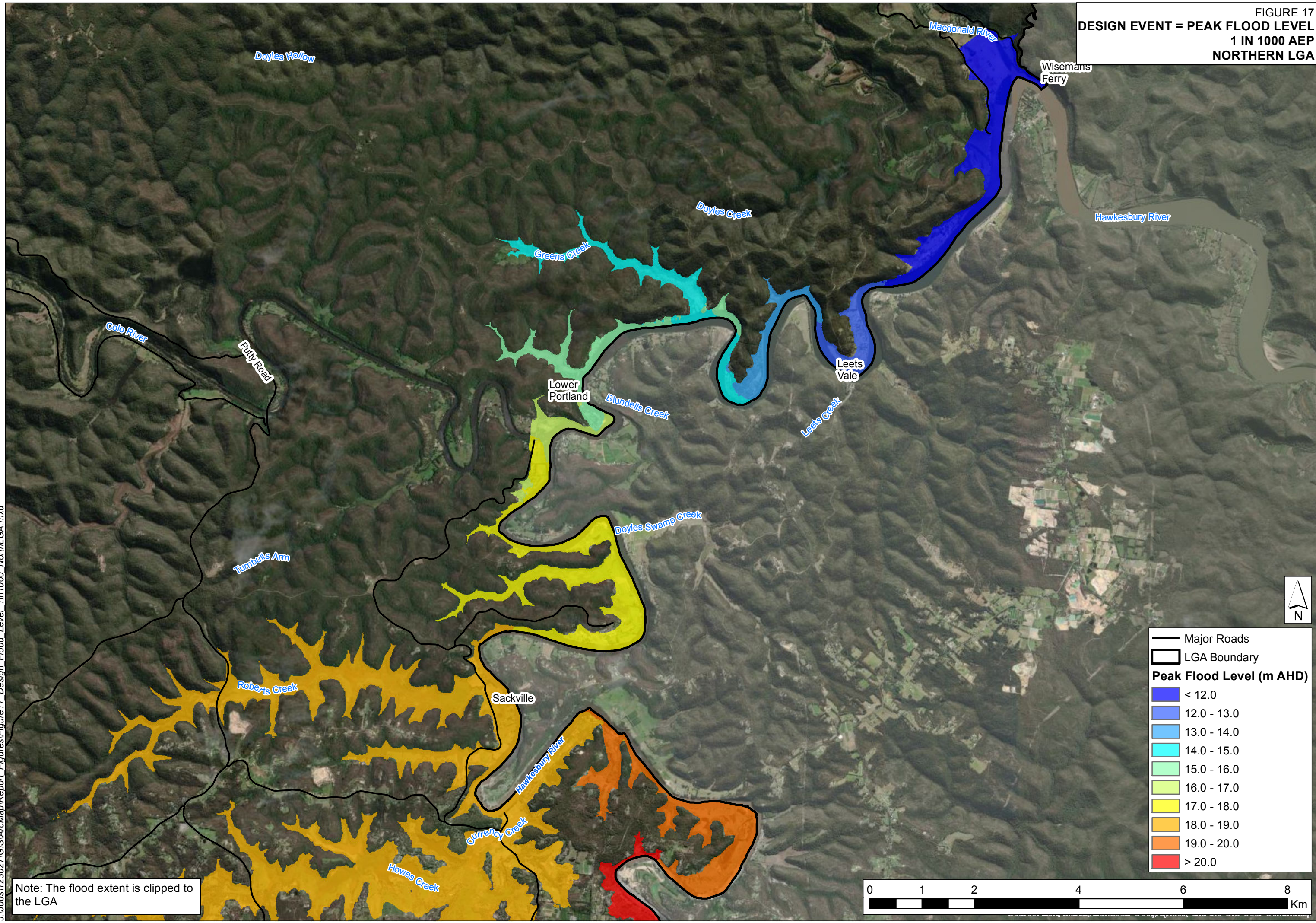
Dark Blue	< 19.0
Light Blue	19.0 - 20.0
Cyan	20.0 - 21.0
Light Green	21.0 - 22.0
Yellow	22.0 - 23.0
Orange	23.0 - 24.0
Red	> 24.0



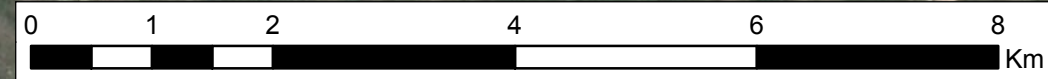
Note: The flood extent is clipped to the LGA

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FIGURE 17
 DESIGN EVENT = PEAK FLOOD LEVEL
 1 IN 1000 AEP
 NORTHERN LGA

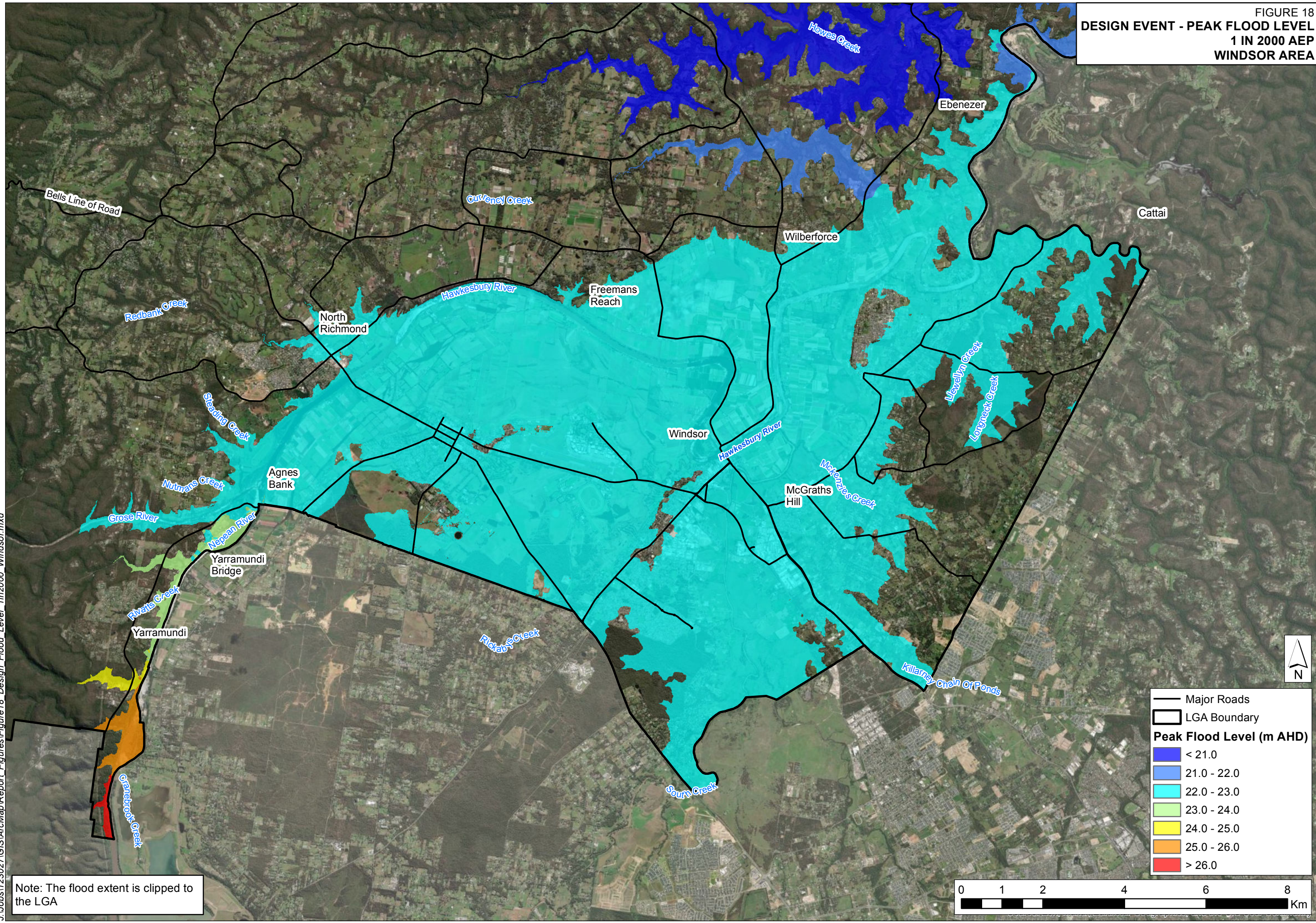


	Major Roads
	LGA Boundary
Peak Flood Level (m AHD)	
	< 12.0
	12.0 - 13.0
	13.0 - 14.0
	14.0 - 15.0
	15.0 - 16.0
	16.0 - 17.0
	17.0 - 18.0
	18.0 - 19.0
	19.0 - 20.0
	> 20.0



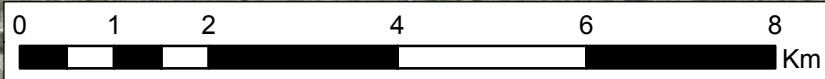
Note: The flood extent is clipped to the LGA

FIGURE 18
DESIGN EVENT - PEAK FLOOD LEVEL
1 IN 2000 AEP
WINDSOR AREA



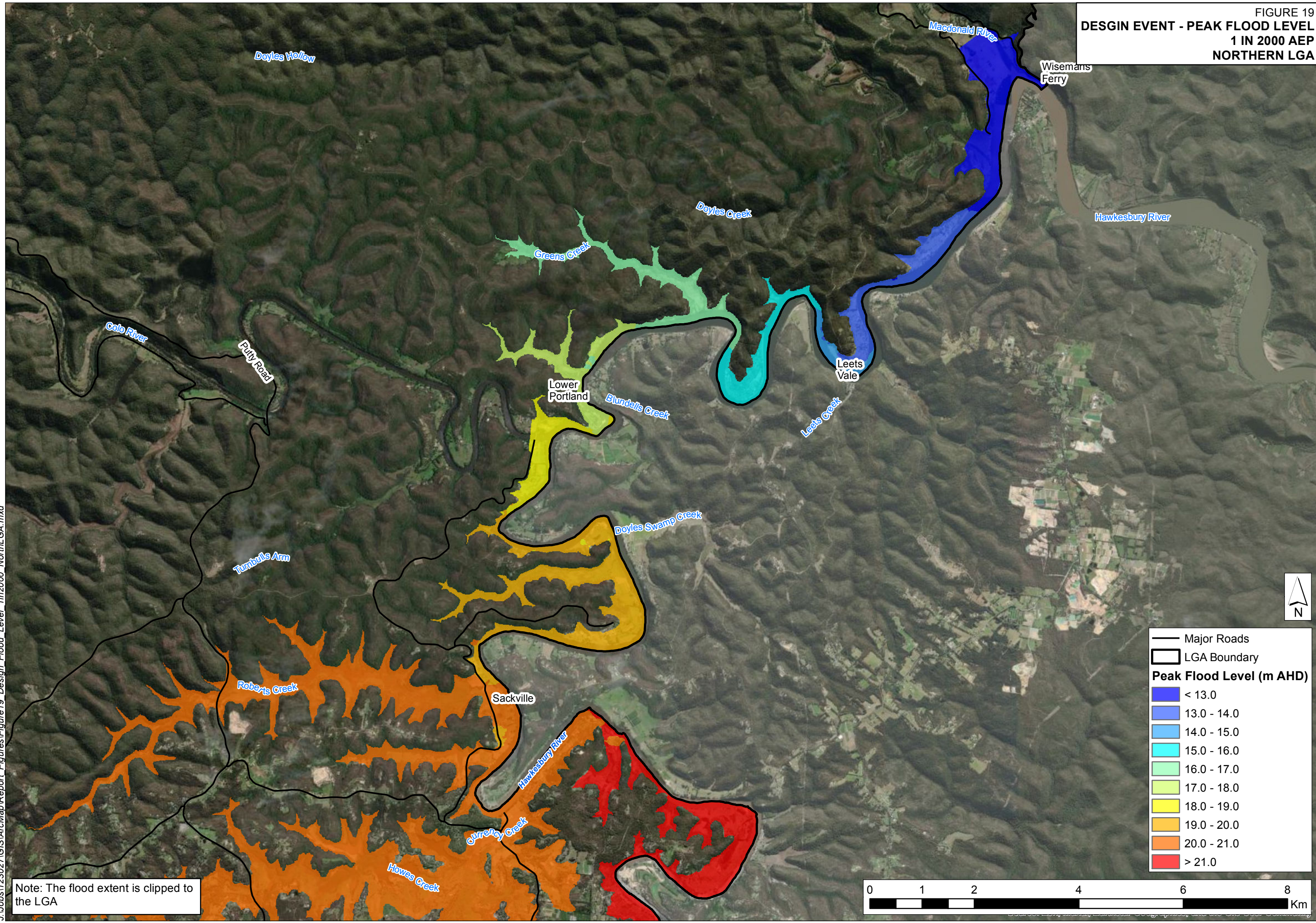
	Major Roads
	LGA Boundary
Peak Flood Level (m AHD)	
	< 21.0
	21.0 - 22.0
	22.0 - 23.0
	23.0 - 24.0
	24.0 - 25.0
	25.0 - 26.0
	> 26.0

Note: The flood extent is clipped to the LGA



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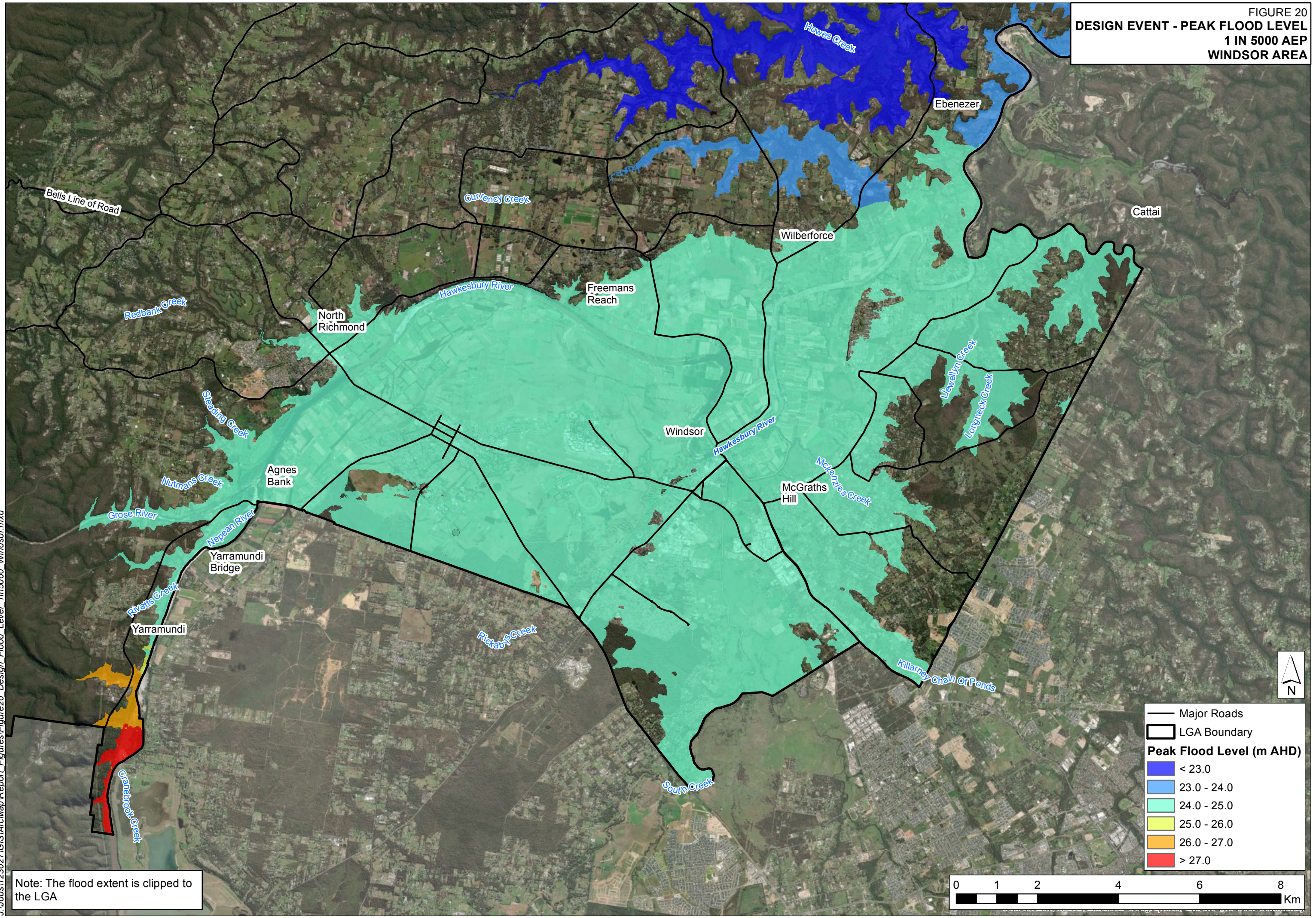
FIGURE 19
 DESIGN EVENT - PEAK FLOOD LEVEL
 1 IN 2000 AEP
 NORTHERN LGA



Peak Flood Level (m AHD)
< 13.0
13.0 - 14.0
14.0 - 15.0
15.0 - 16.0
16.0 - 17.0
17.0 - 18.0
18.0 - 19.0
19.0 - 20.0
20.0 - 21.0
> 21.0

Note: The flood extent is clipped to the LGA

FIGURE 20
DESIGN EVENT - PEAK FLOOD LEVEL
1 IN 5000 AEP
WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

- < 23.0
- 23.0 - 24.0
- 24.0 - 25.0
- 25.0 - 26.0
- 26.0 - 27.0
- > 27.0

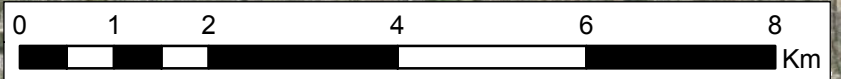
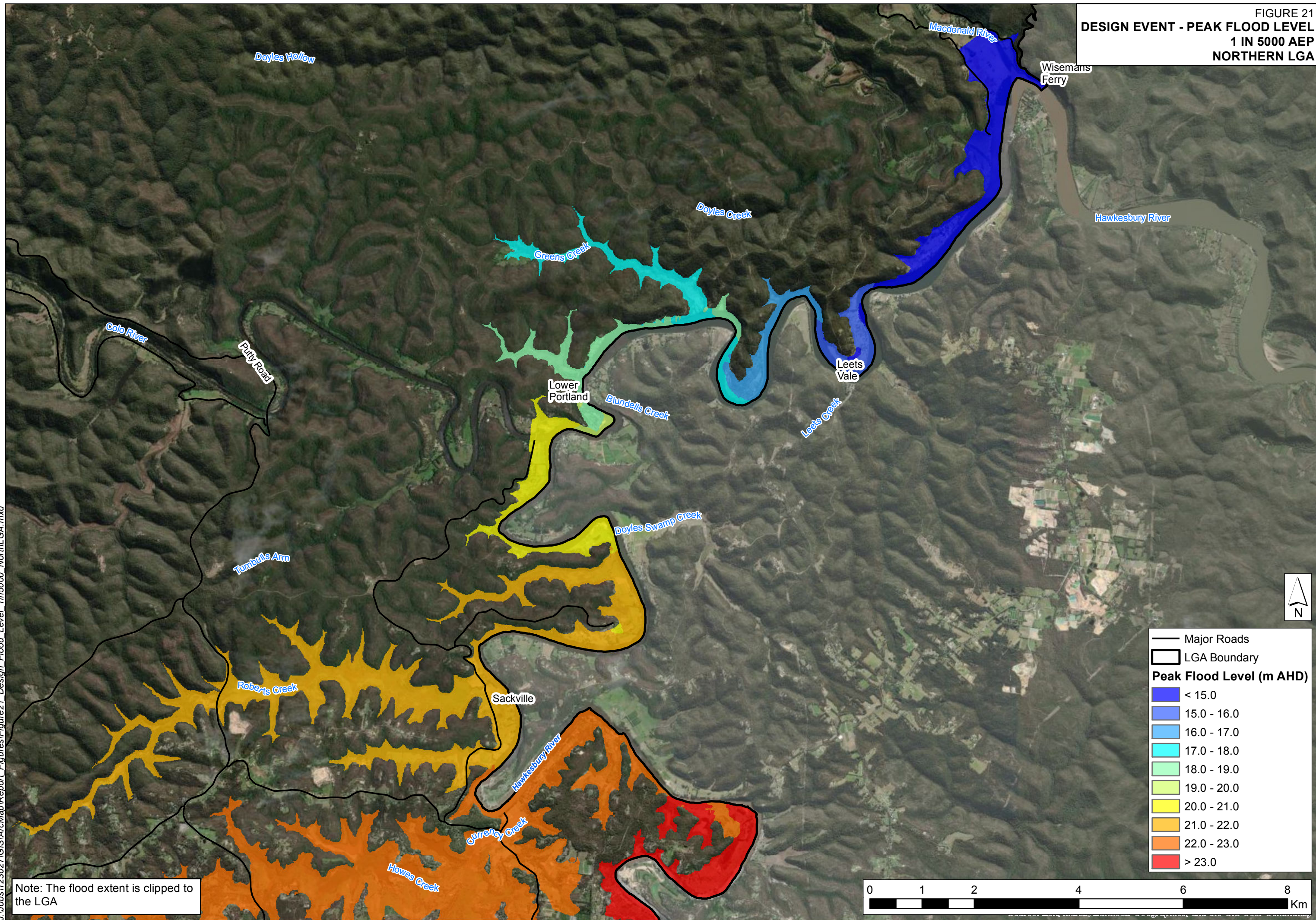


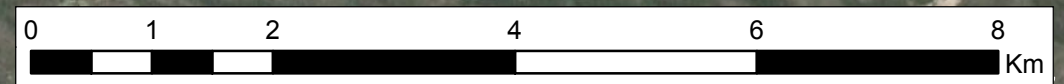
FIGURE 21
DESIGN EVENT - PEAK FLOOD LEVEL
1 IN 5000 AEP
NORTHERN LGA



— Major Roads
 □ LGA Boundary

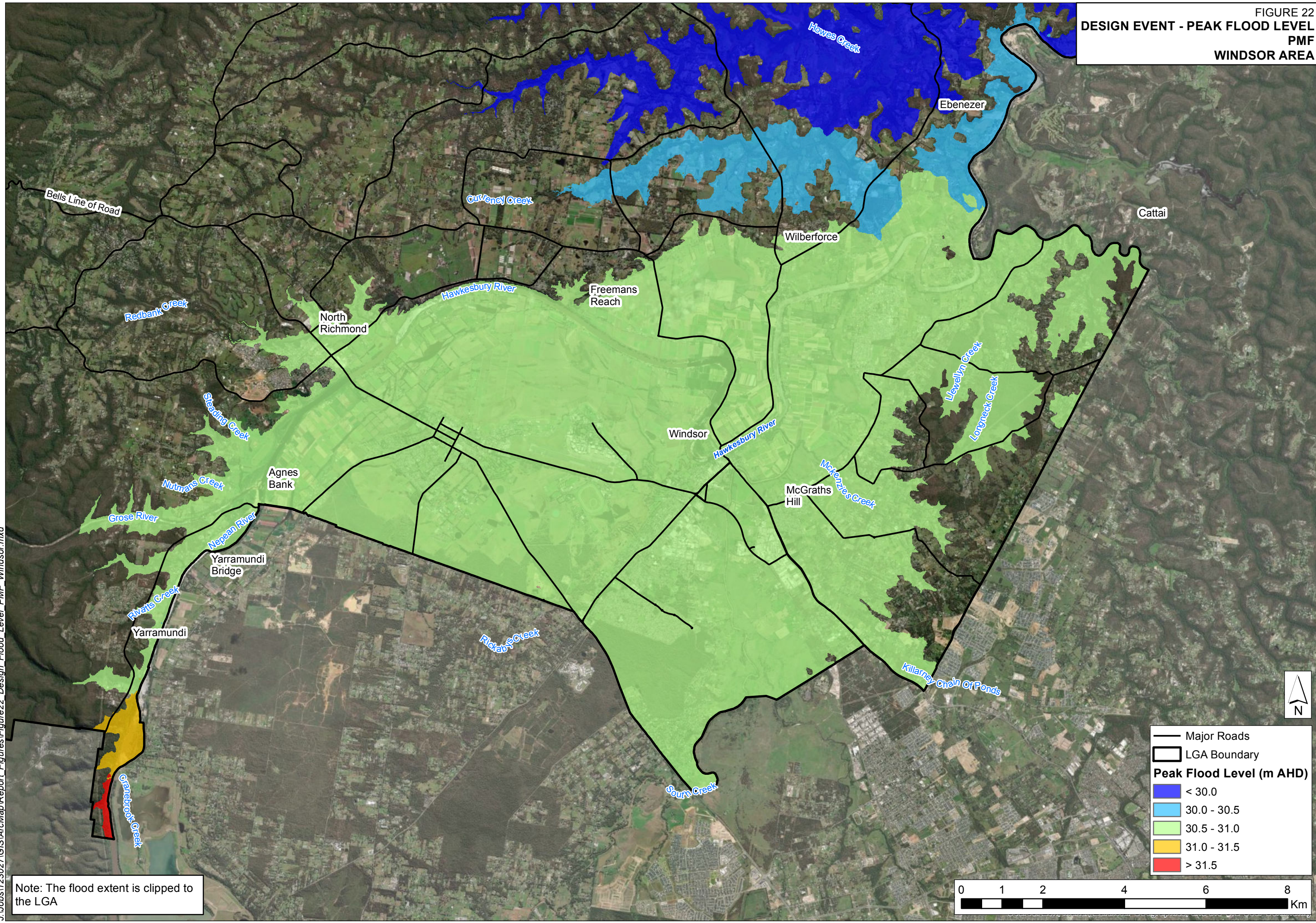
Peak Flood Level (m AHD)

Blue	< 15.0
Light Blue	15.0 - 16.0
Medium Blue	16.0 - 17.0
Cyan	17.0 - 18.0
Light Green	18.0 - 19.0
Yellow-Green	19.0 - 20.0
Yellow	20.0 - 21.0
Orange	21.0 - 22.0
Dark Orange	22.0 - 23.0
Red	> 23.0



Note: The flood extent is clipped to the LGA

FIGURE 22
 DESIGN EVENT - PEAK FLOOD LEVEL
 PMF
 WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Peak Flood Level (m AHD)

- < 30.0
- 30.0 - 30.5
- 30.5 - 31.0
- 31.0 - 31.5
- > 31.5

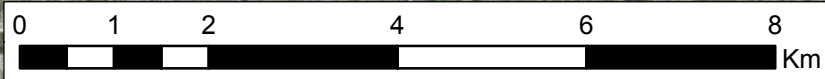
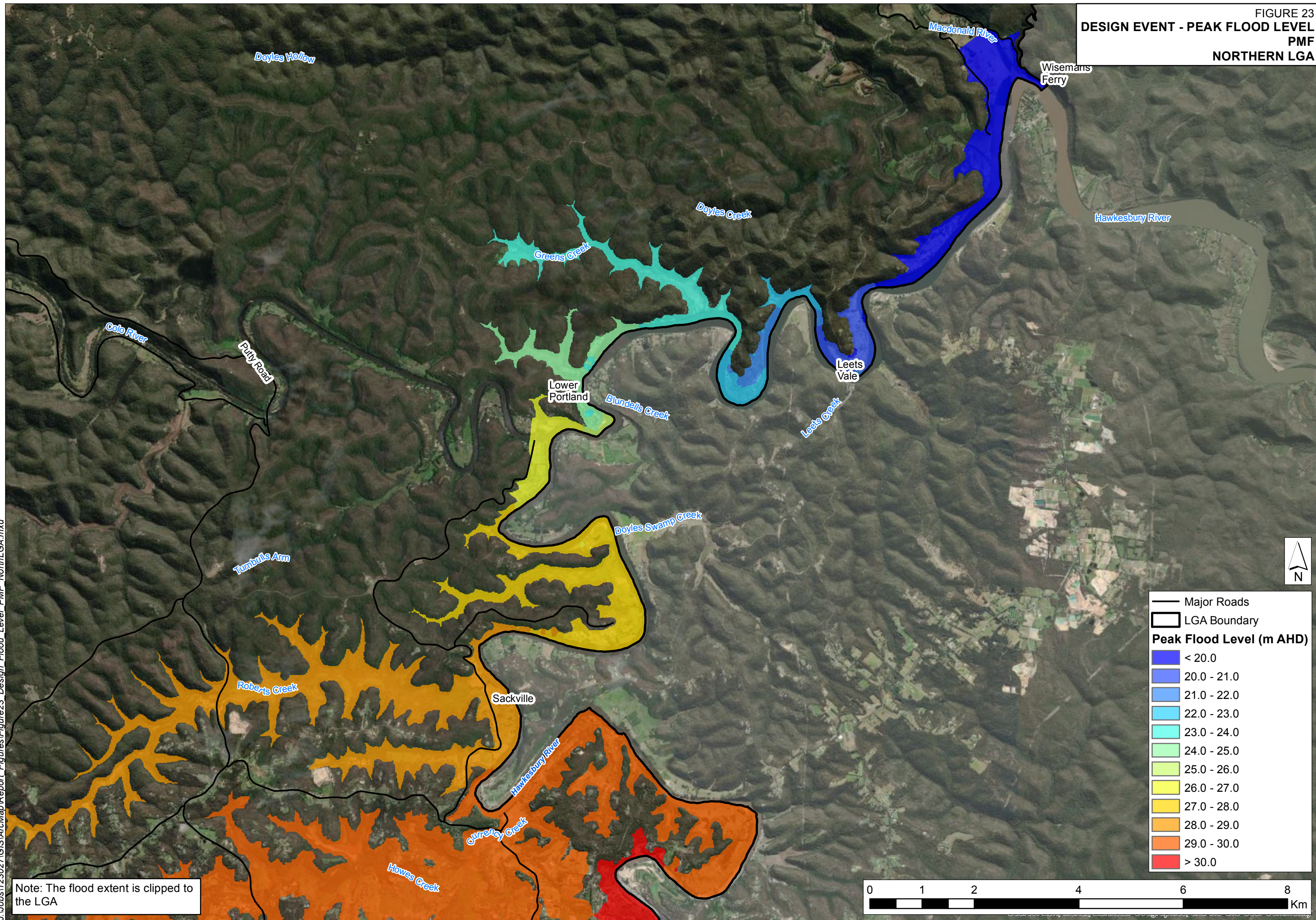
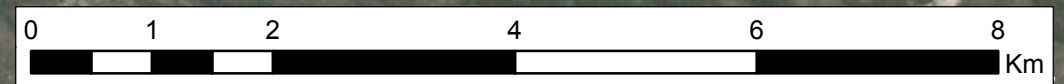


FIGURE 23
DESIGN EVENT - PEAK FLOOD LEVEL
PMF
NORTHERN LGA



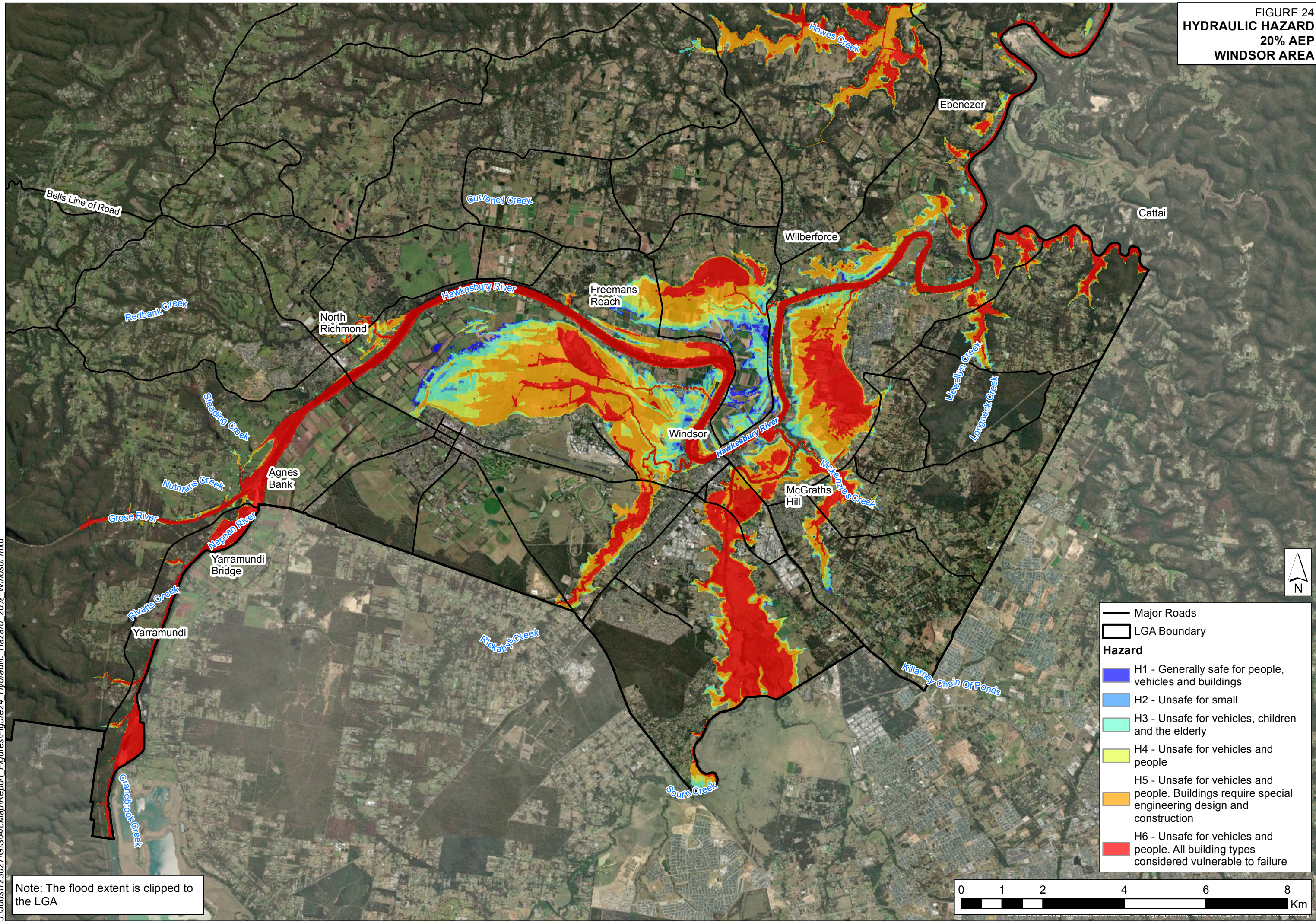
Peak Flood Level (m AHD)	
[Dark Blue]	< 20.0
[Light Blue]	20.0 - 21.0
[Medium Blue]	21.0 - 22.0
[Cyan]	22.0 - 23.0
[Light Cyan]	23.0 - 24.0
[Light Green]	24.0 - 25.0
[Yellow-Green]	25.0 - 26.0
[Yellow]	26.0 - 27.0
[Orange-Yellow]	27.0 - 28.0
[Orange]	28.0 - 29.0
[Dark Orange]	29.0 - 30.0
[Red]	> 30.0

Note: The flood extent is clipped to the LGA



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FIGURE 24
HYDRAULIC HAZARD
20% AEP
WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Hazard

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

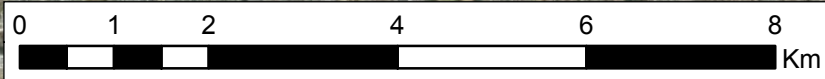
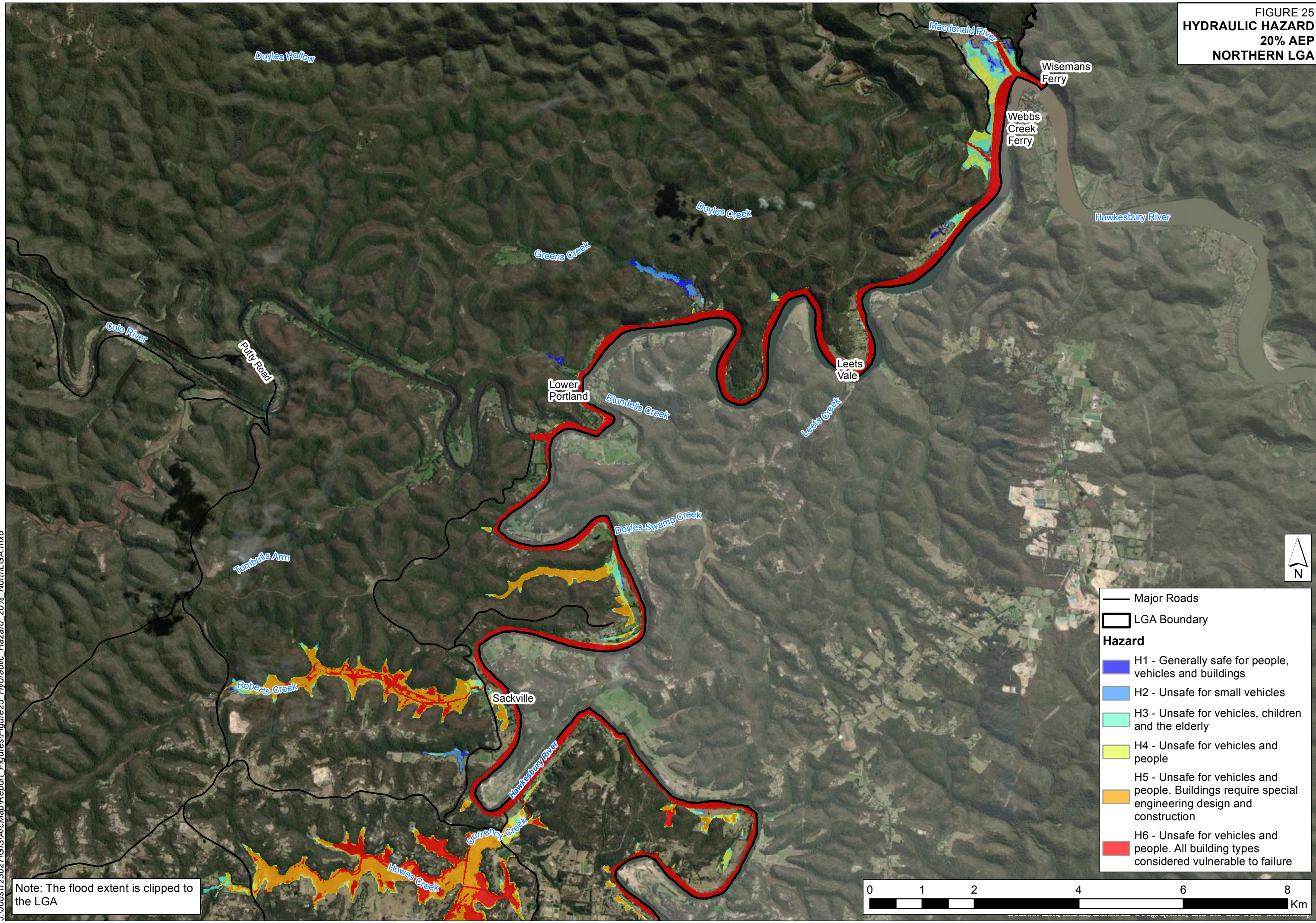


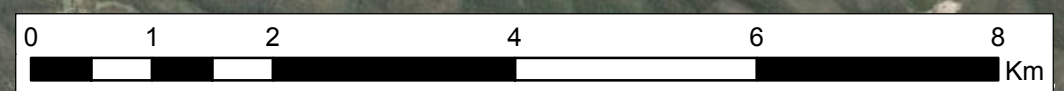
FIGURE 25
HYDRAULIC HAZARD
 20% AEP
 NORTHERN LGA



— Major Roads
 □ LGA Boundary

Hazard

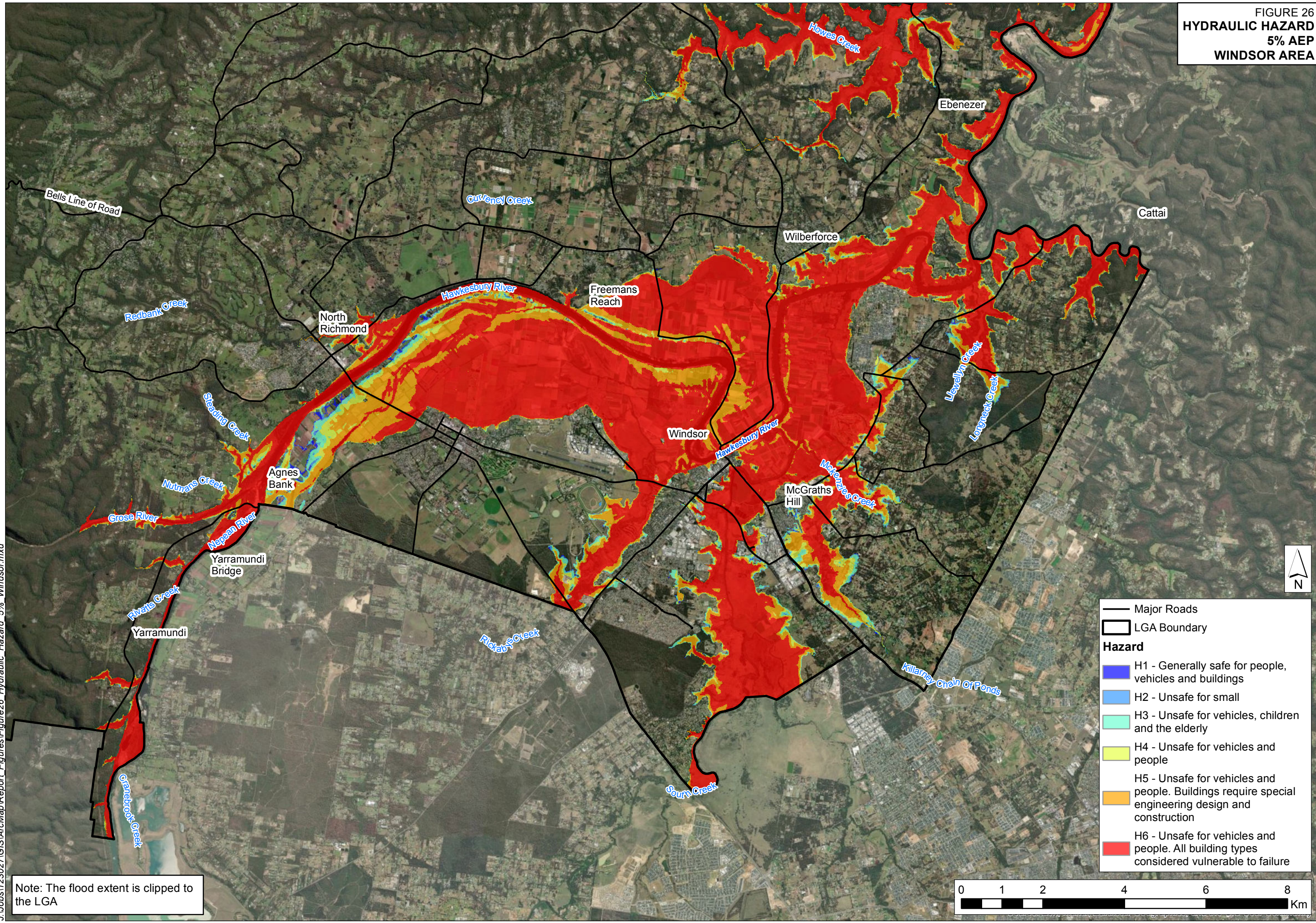
- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure



Note: The flood extent is clipped to the LGA

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FIGURE 26
HYDRAULIC HAZARD
5% AEP
WINDSOR AREA



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Note: The flood extent is clipped to the LGA

— Major Roads
 □ LGA Boundary

Hazard

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for vehicles and people
- H5 - Unsafe for vehicles and people. Buildings require special engineering design and construction
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

