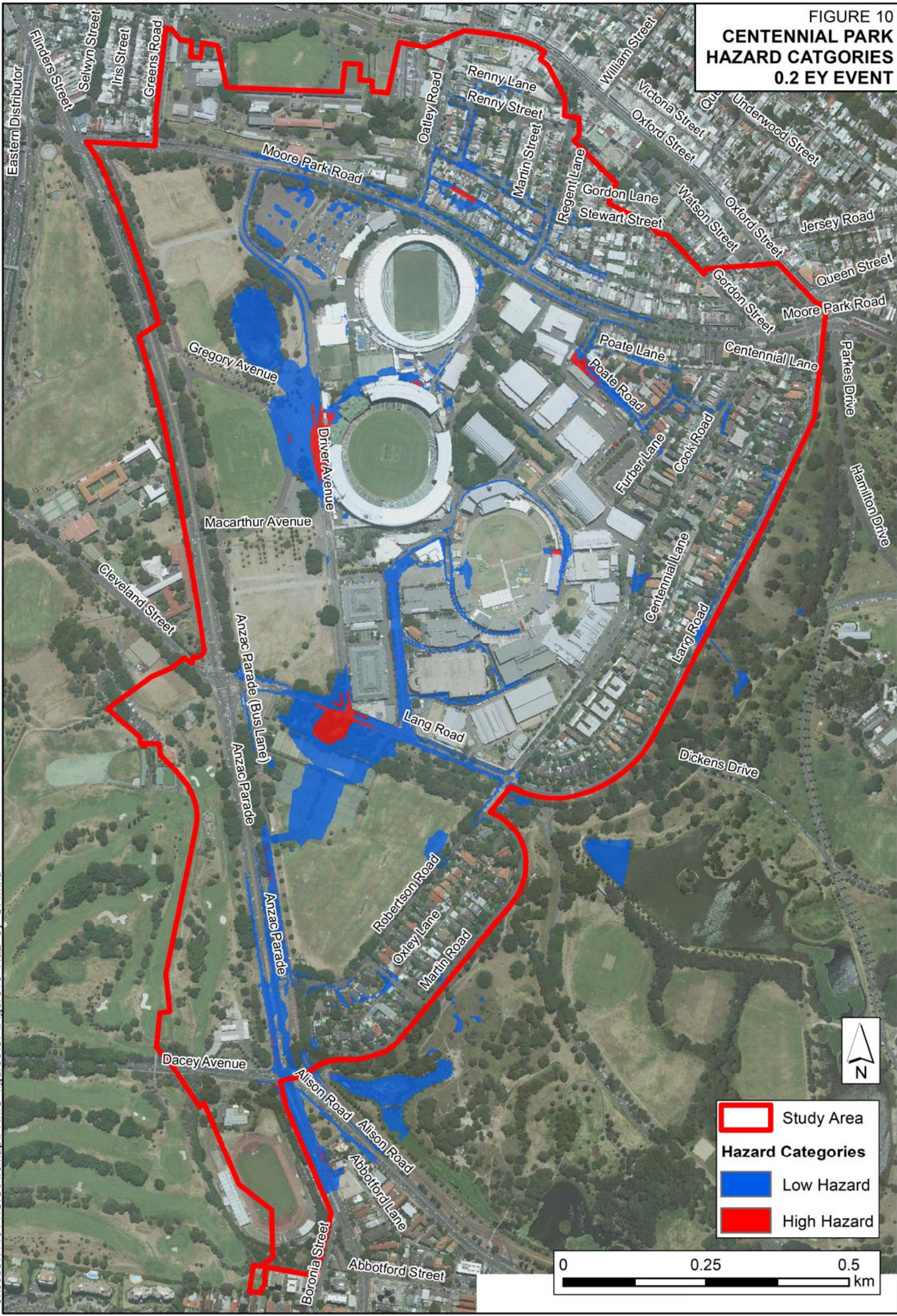
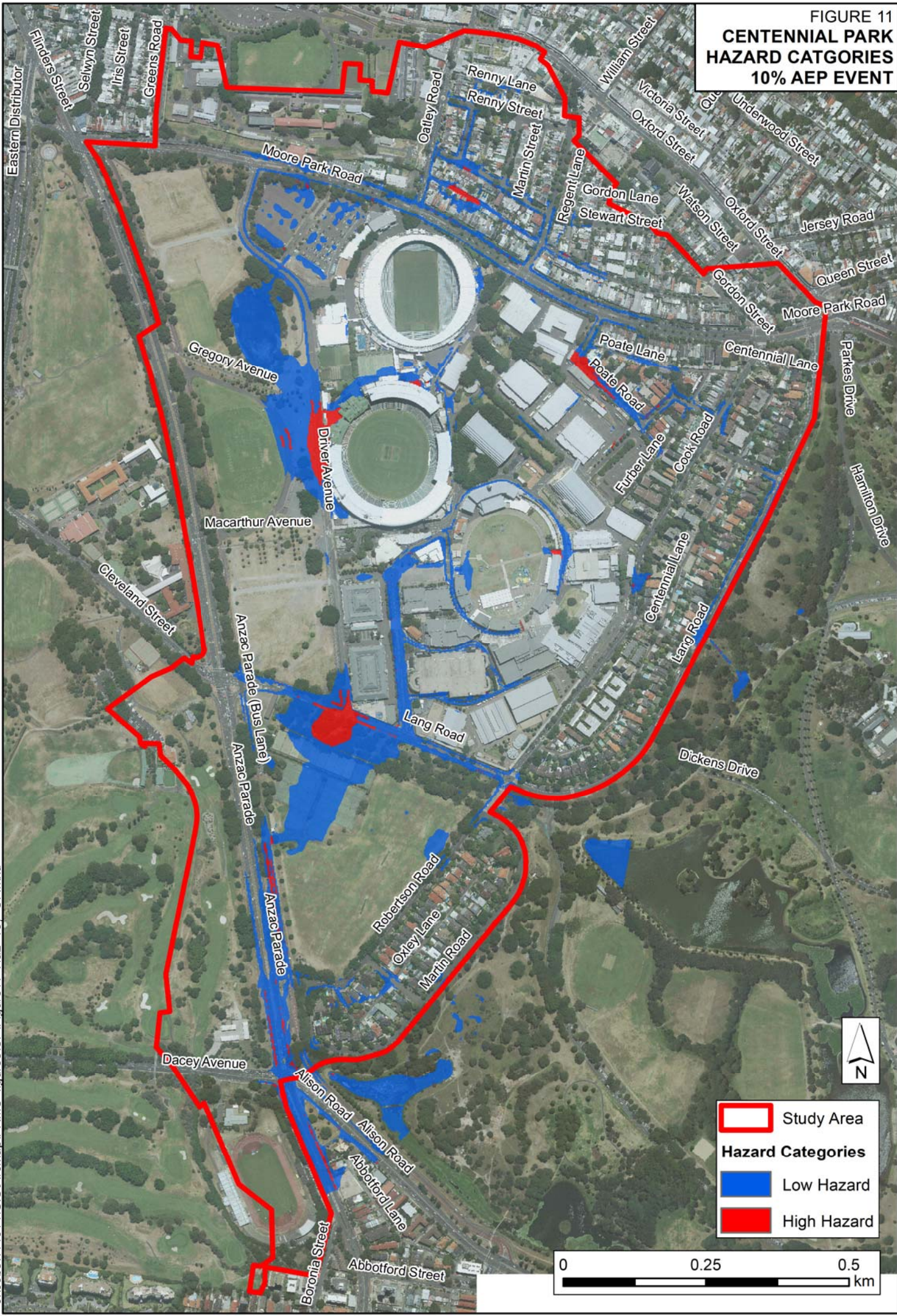


**FIGURE 10
CENTENNIAL PARK
HAZARD CATEGORIES
0.2 EY EVENT**

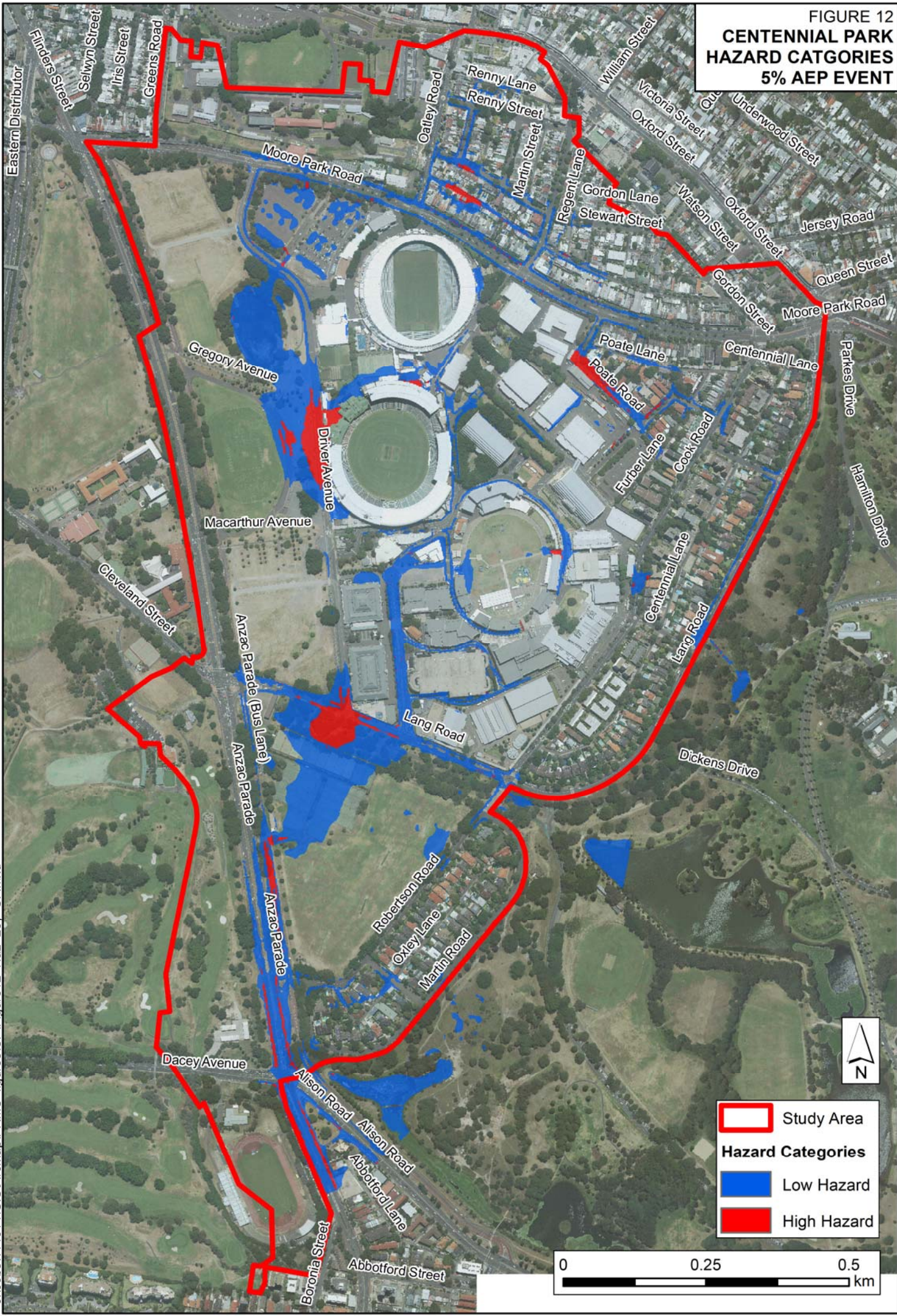


**FIGURE 11
CENTENNIAL PARK
HAZARD CATEGORIES
10% AEP EVENT**



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**FIGURE 12
CENTENNIAL PARK
HAZARD CATEGORIES
5% AEP EVENT**



	Study Area
Hazard Categories	
	Low Hazard
	High Hazard

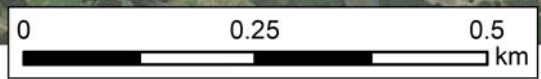
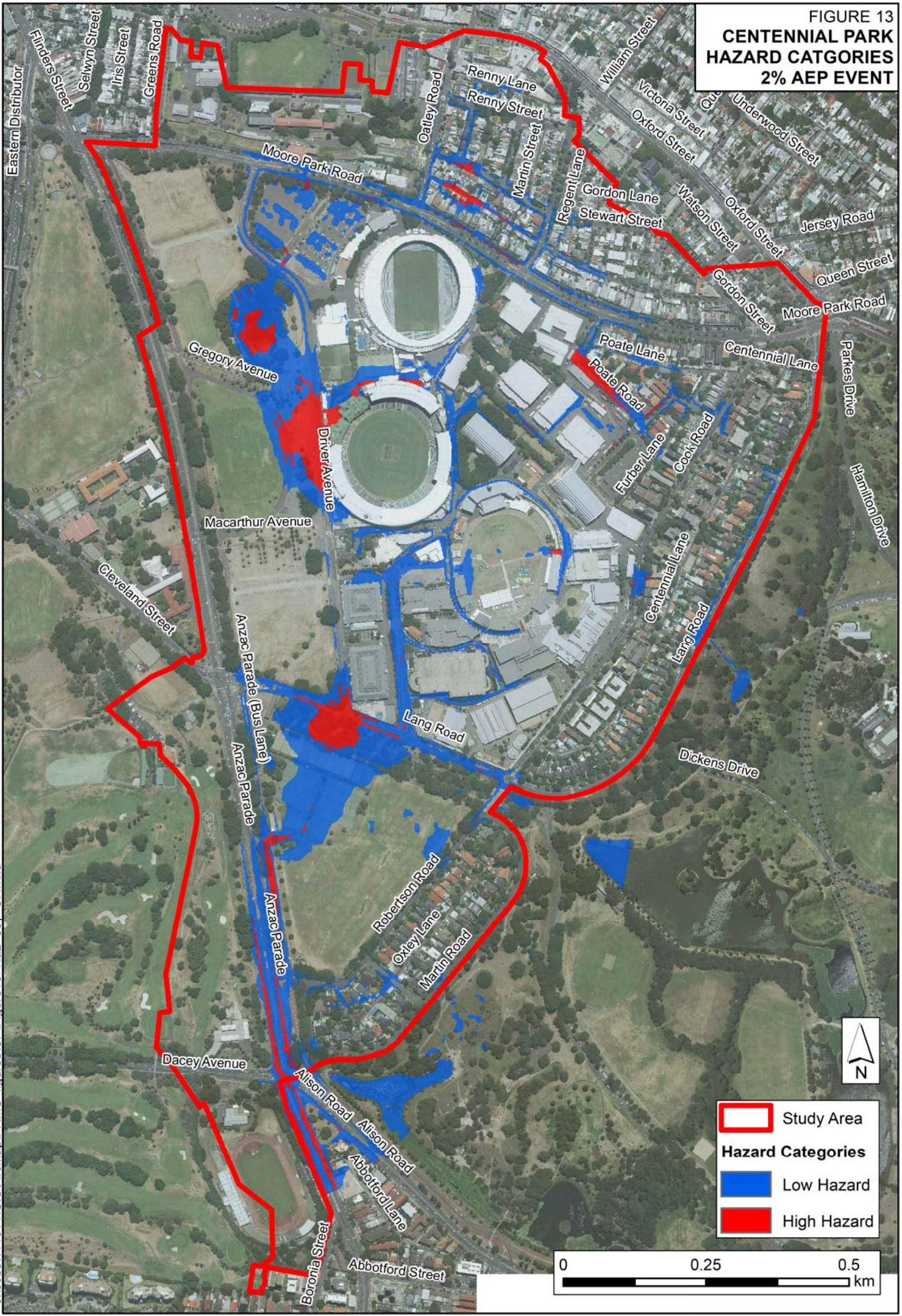
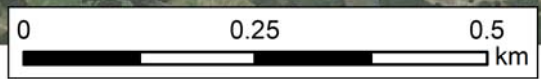


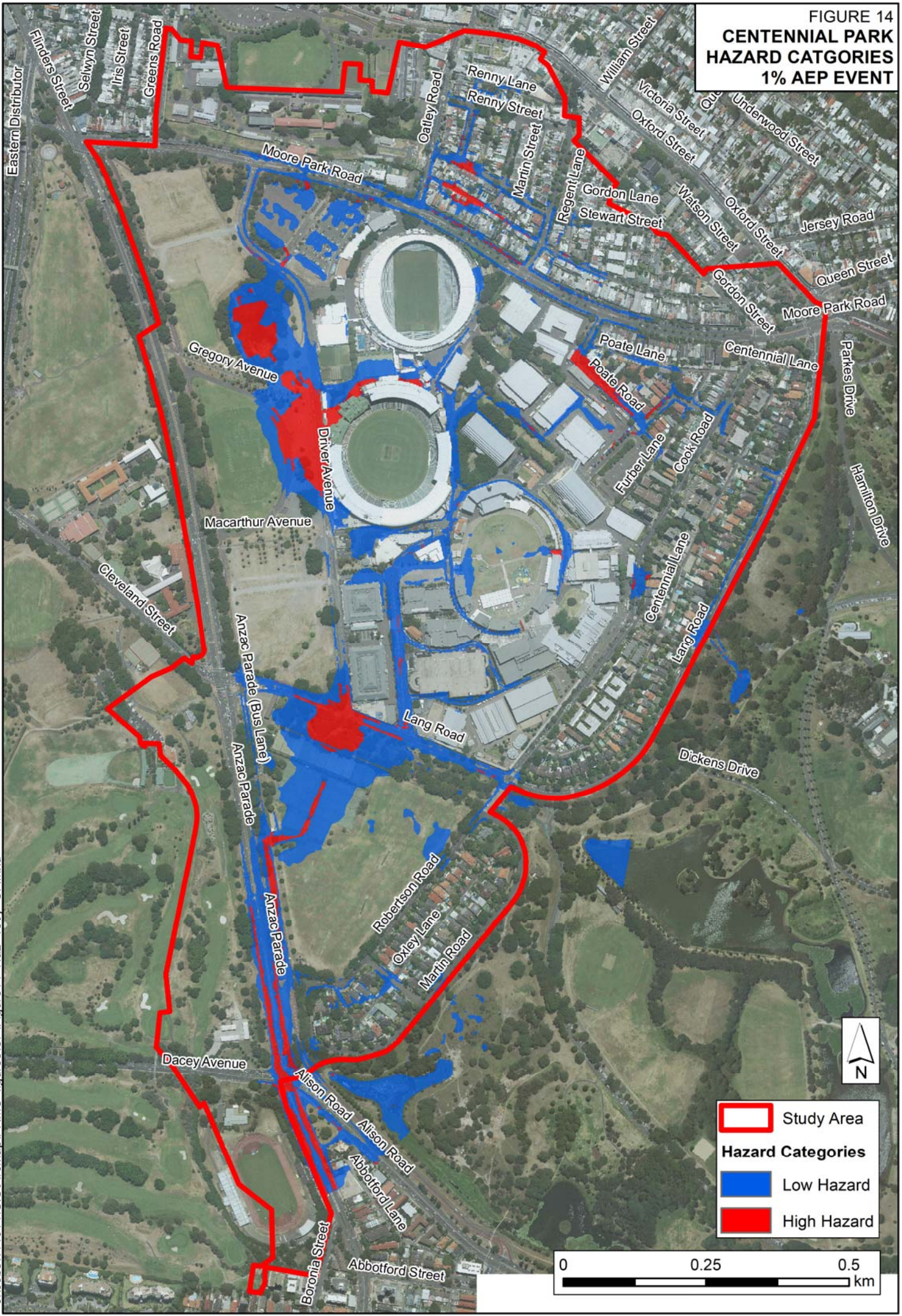
FIGURE 13
**CENTENNIAL PARK
 HAZARD CATEGORIES
 2% AEP EVENT**



	Study Area
Hazard Categories	
	Low Hazard
	High Hazard



**FIGURE 14
CENTENNIAL PARK
HAZARD CATEGORIES
1% AEP EVENT**



	Study Area
Hazard Categories	
	Low Hazard
	High Hazard

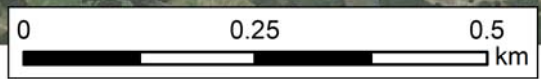
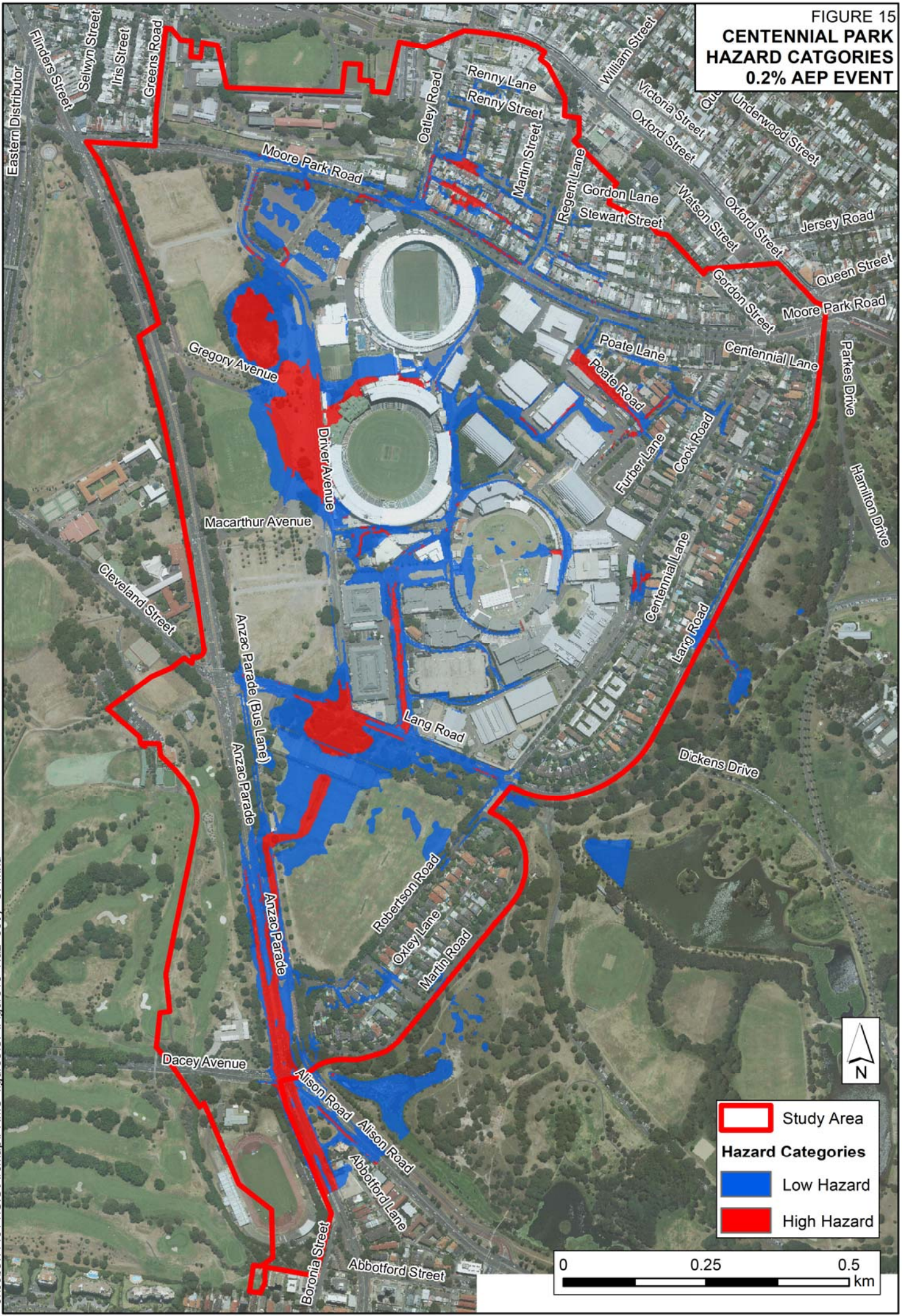


FIGURE 15
CENTENNIAL PARK
HAZARD CATEGORIES
0.2% AEP EVENT



	Study Area
Hazard Categories	
	Low Hazard
	High Hazard

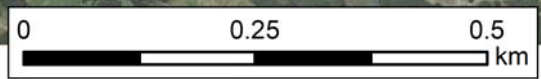
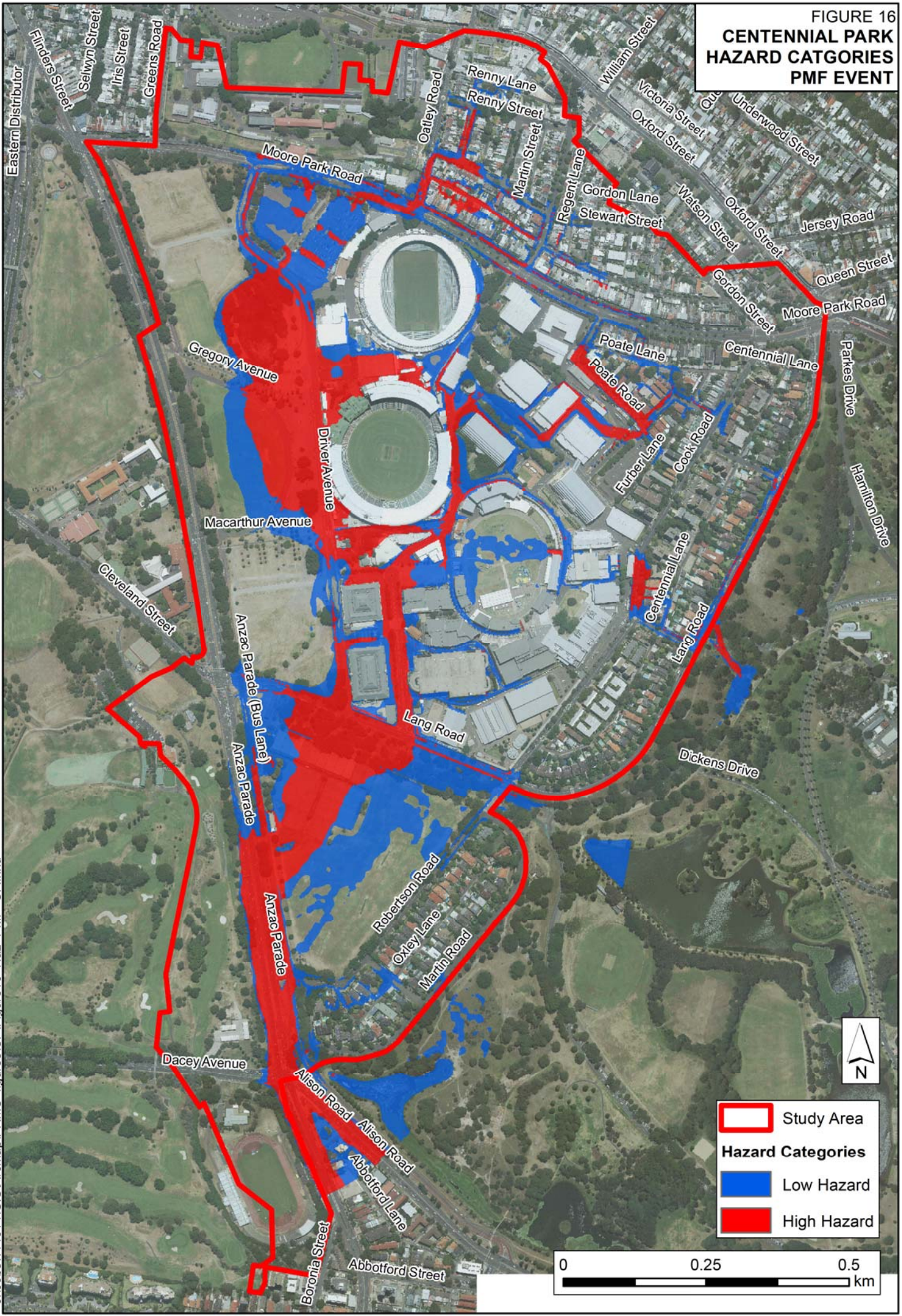


FIGURE 16
CENTENNIAL PARK
HAZARD CATEGORIES
PMF EVENT



	Study Area
Hazard Categories	
	Low Hazard
	High Hazard

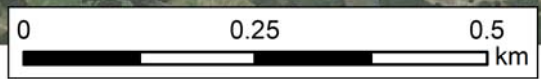
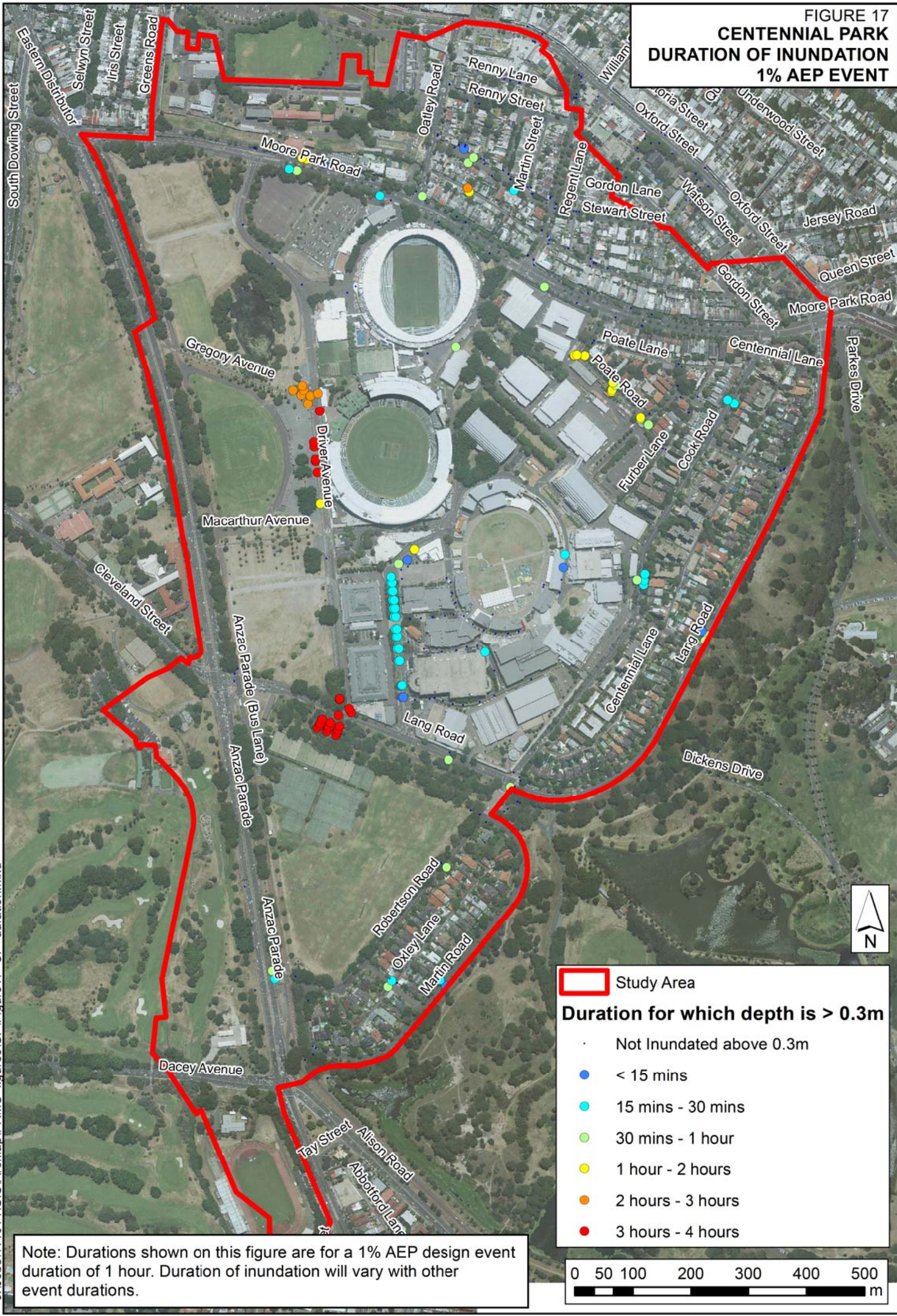


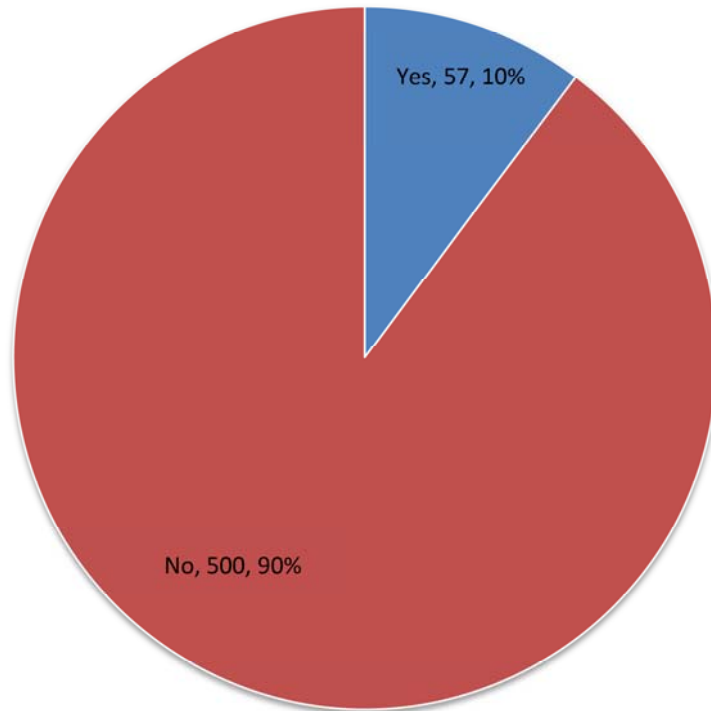
FIGURE 17
**CENTENNIAL PARK
 DURATION OF INUNDATION
 1% AEP EVENT**



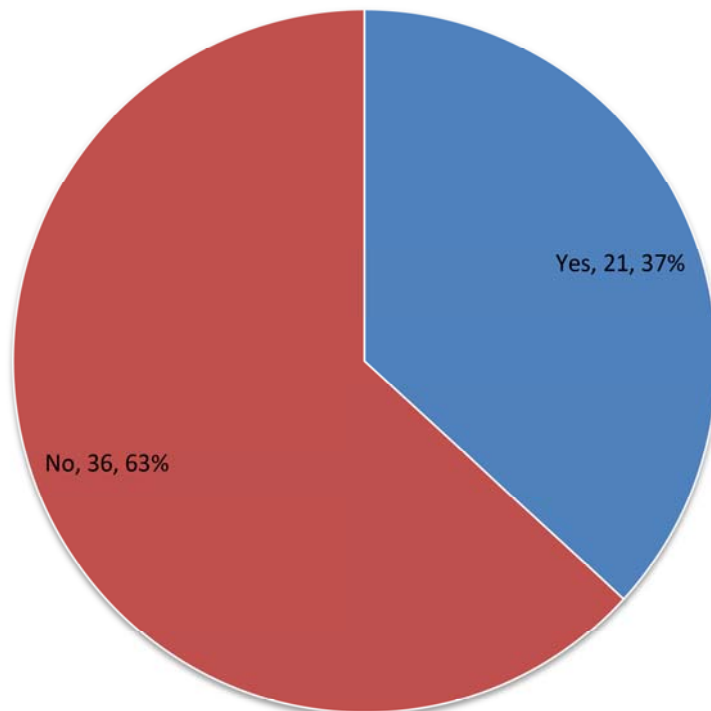
Note: Durations shown on this figure are for a 1% AEP design event duration of 1 hour. Duration of inundation will vary with other event durations.



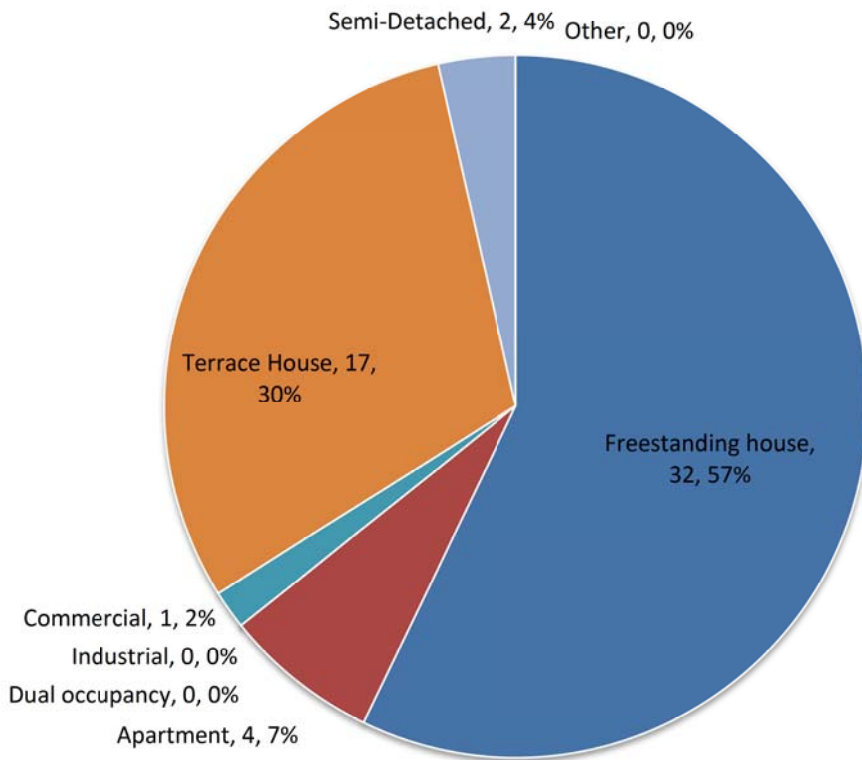
A: Number of Respondents



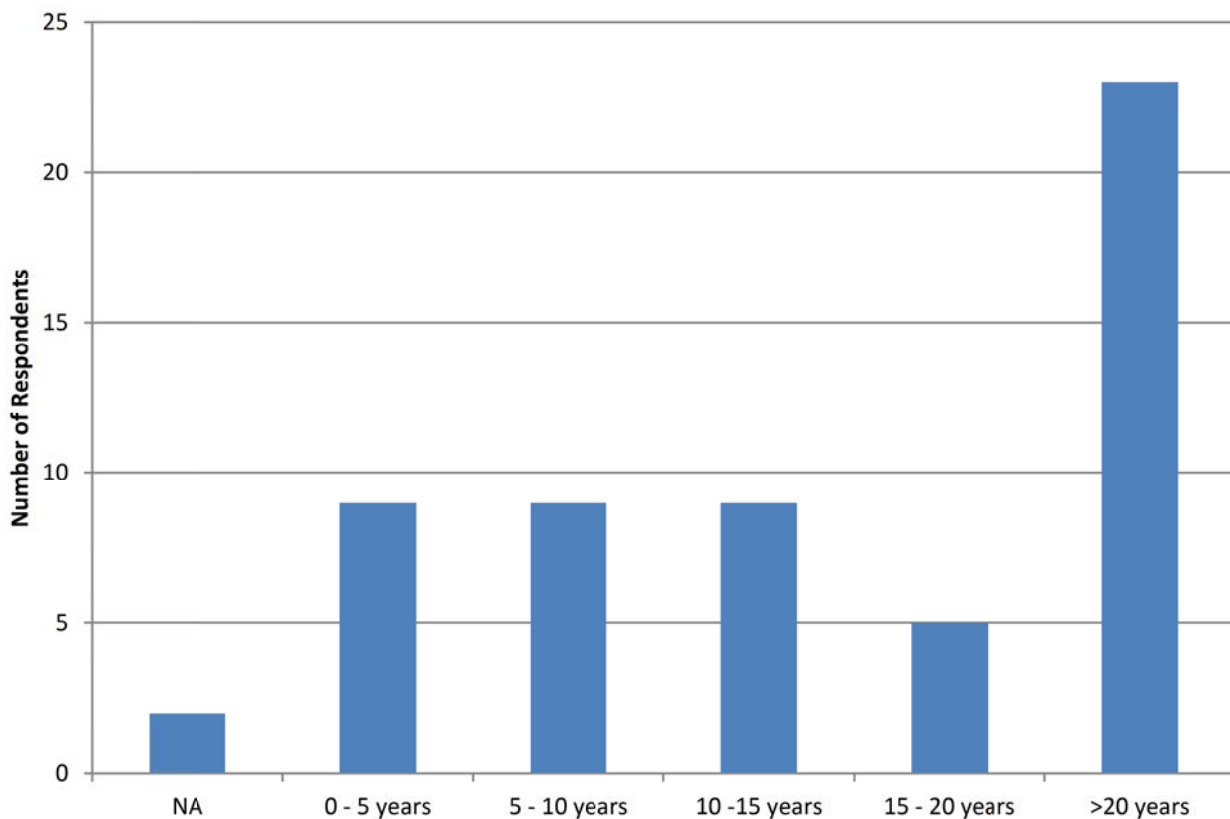
B: Flooding Experience



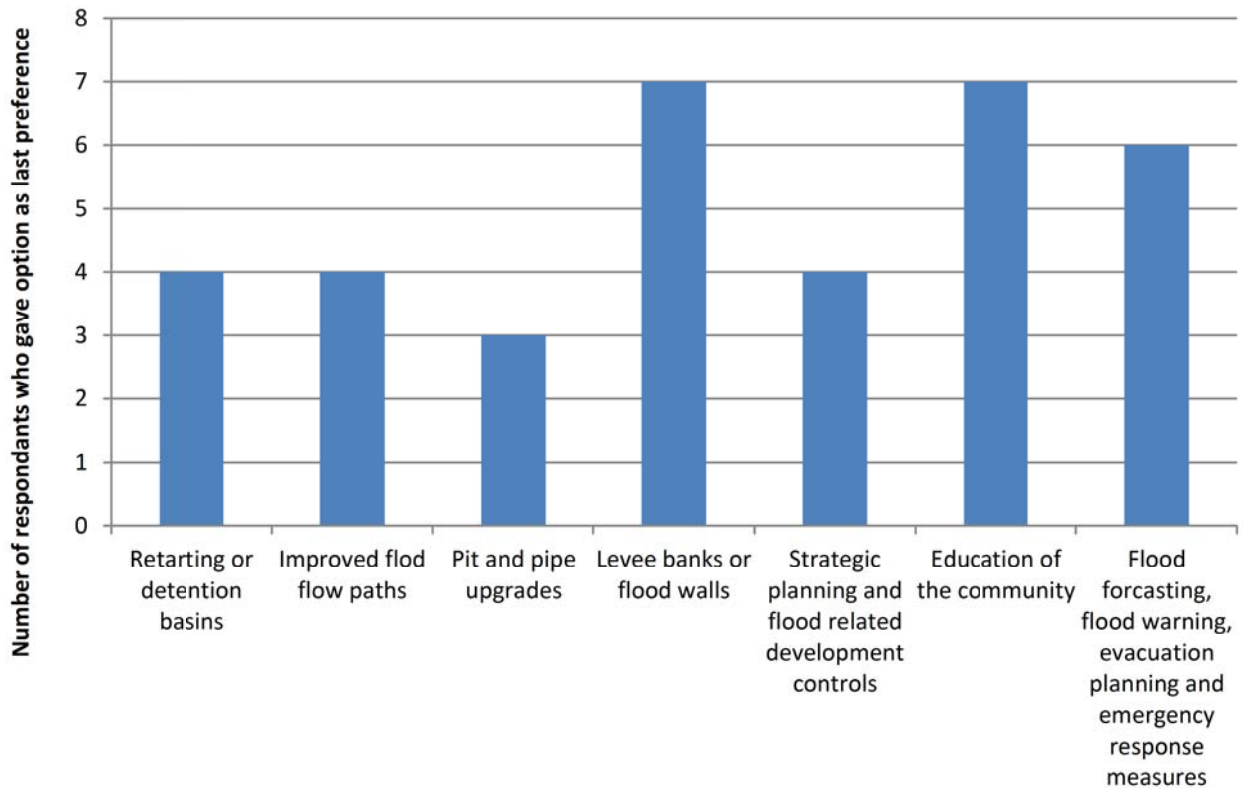
C: Property Type



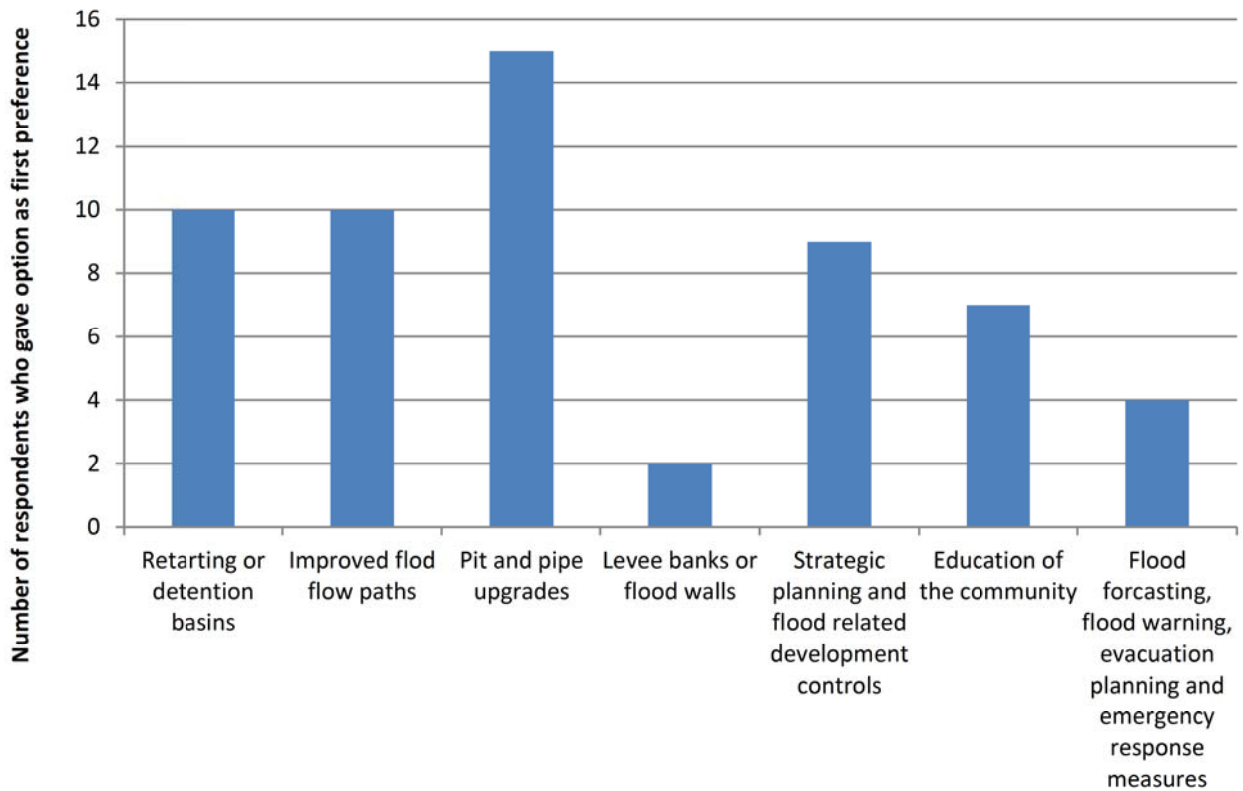
D: Period of Living/Working/Owning Property



E: Least Preferred Option



F: Most Preferred Option



G: Location of Flooding Experienced

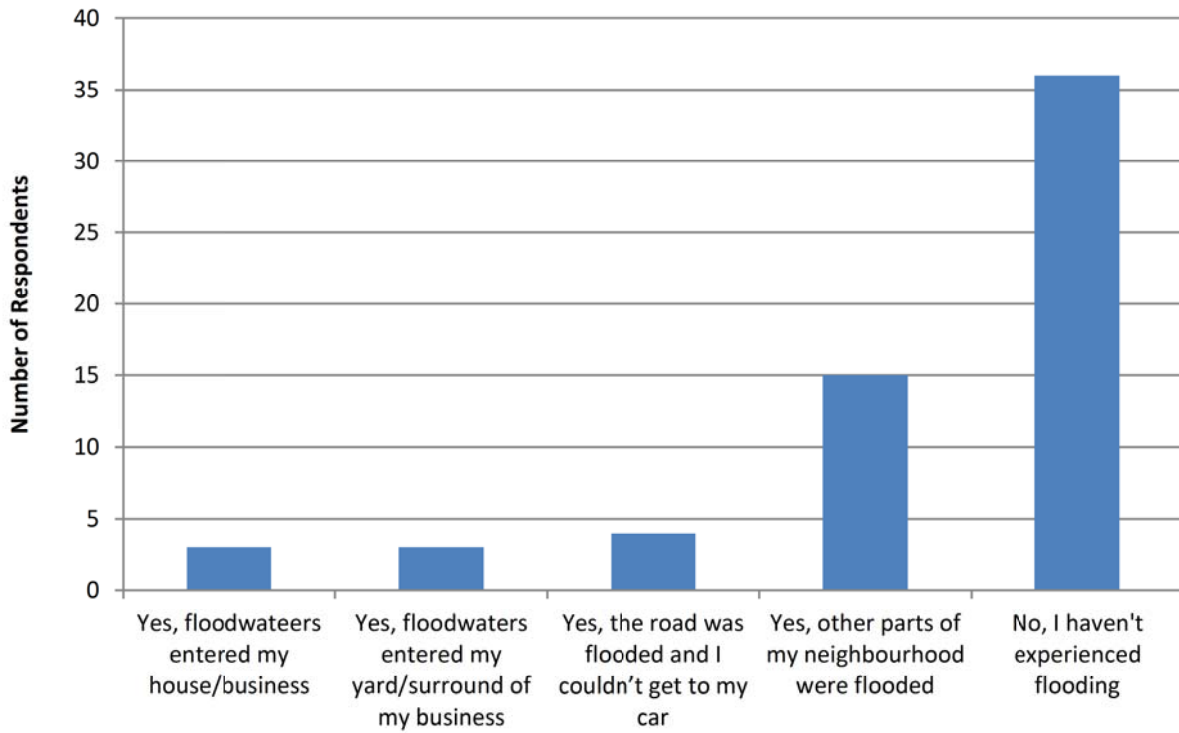


FIGURE 19
CENTENNIAL PARK
OVER FLOOR FLOOD LIABILITY

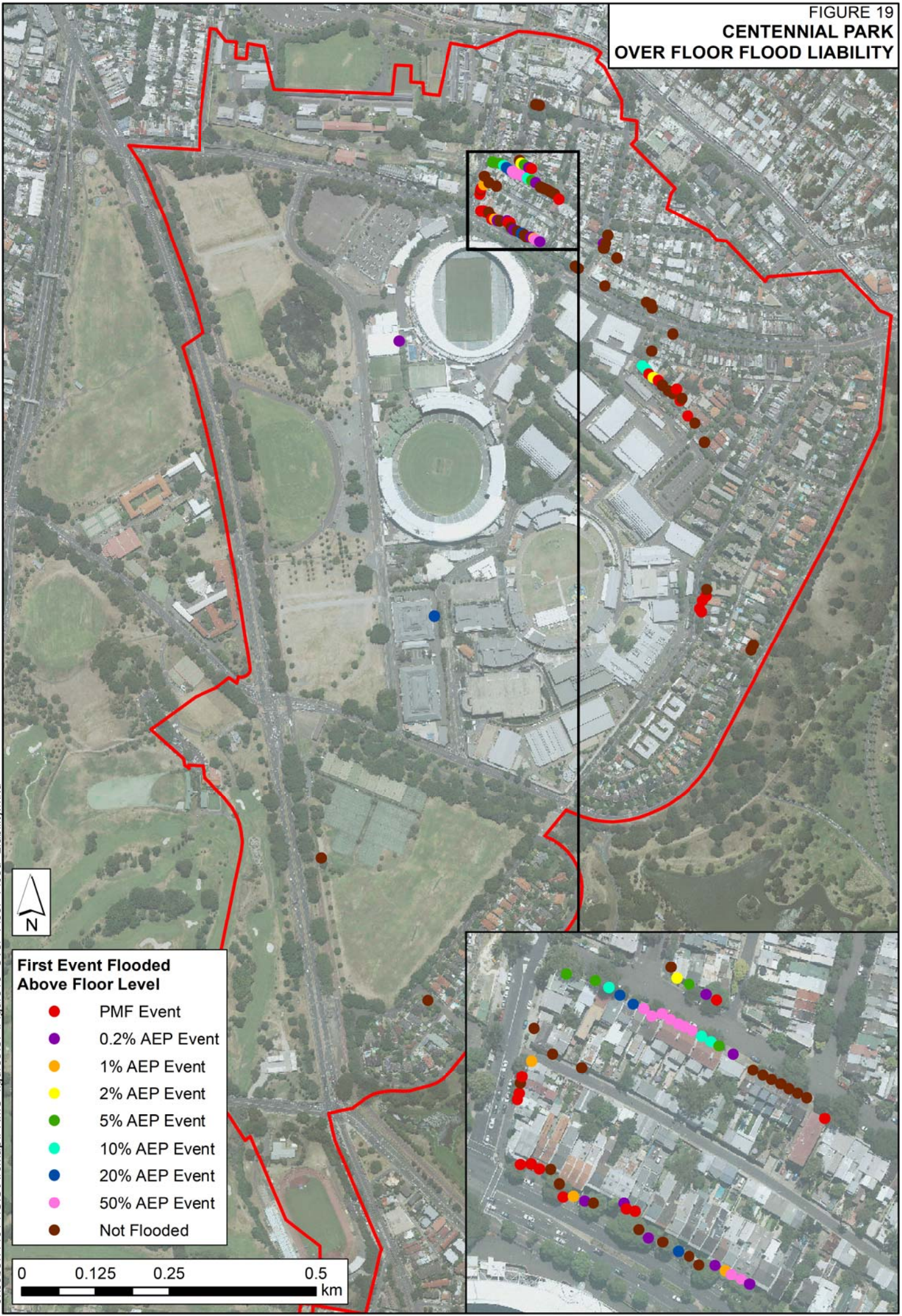


FIGURE 20
CENTENNIAL PARK
ACCESS ROAD FLOODING
1% AEP EVENT

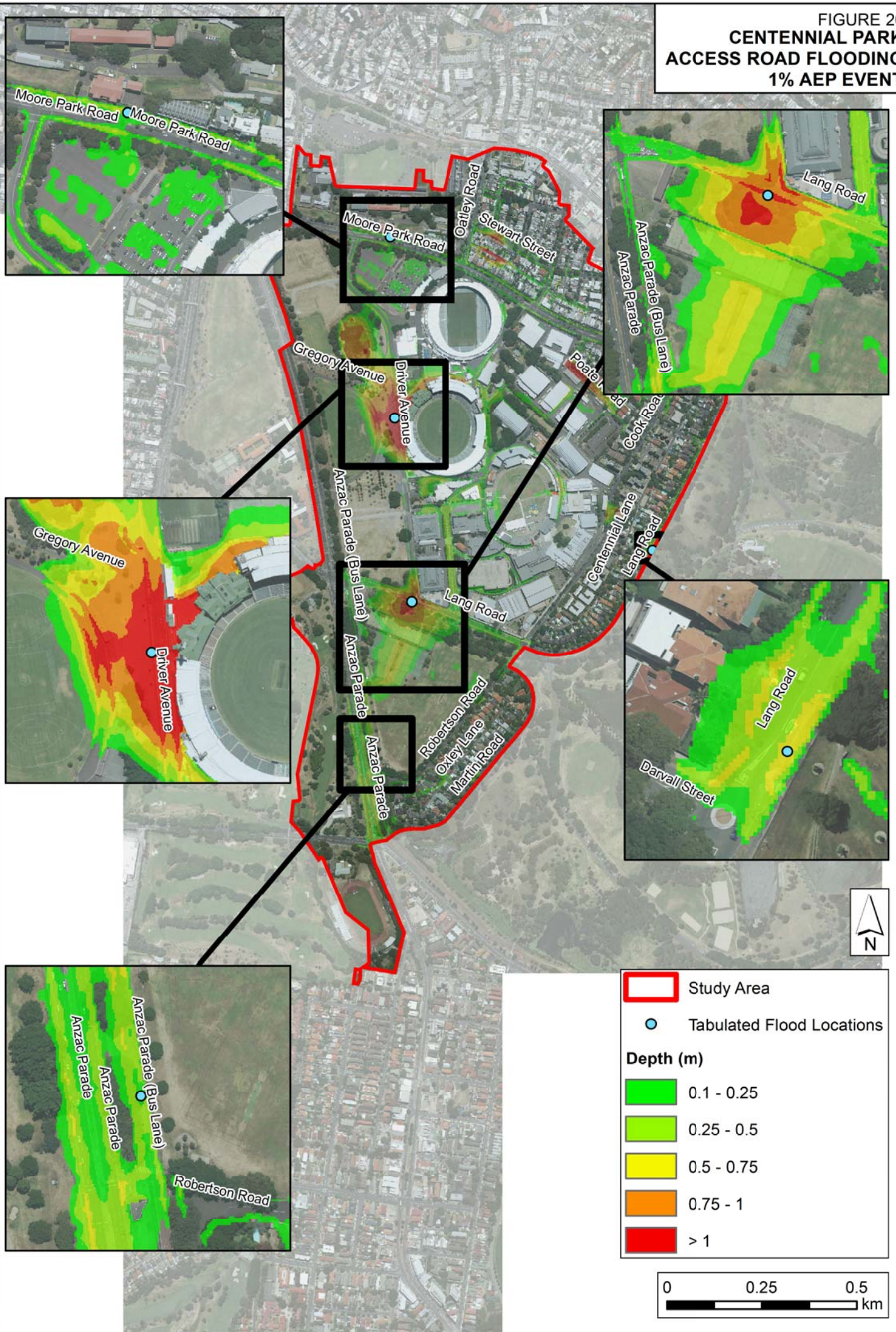


FIGURE 21

CENTENNIAL PARK FLOOD RISK MITIGATION MANAGEMENT OPTIONS

FM-CP02: Drainage Upgrade
- Upgrade capacity of drainage pipes on Stewart Street, Leinster Street, Moore Park Road and Oatley Road

FM-CP01: Drainage Upgrade
- Upgrade capacity of drainage pipe from Poate Road to Sydney Cricket Ground

FM-CP04: Regraded Road
- Re-grade grading of Driver Avenue to relieve trapped low point

FM-CP03: Drainage Upgrade
- Upgrade capacity of drainage pipe on Lang Road

FM-CP05: Trunk Drainage Upgrade
- Upgrade capacity of trunk drainage between Lang Road and outlet at Centennial Park

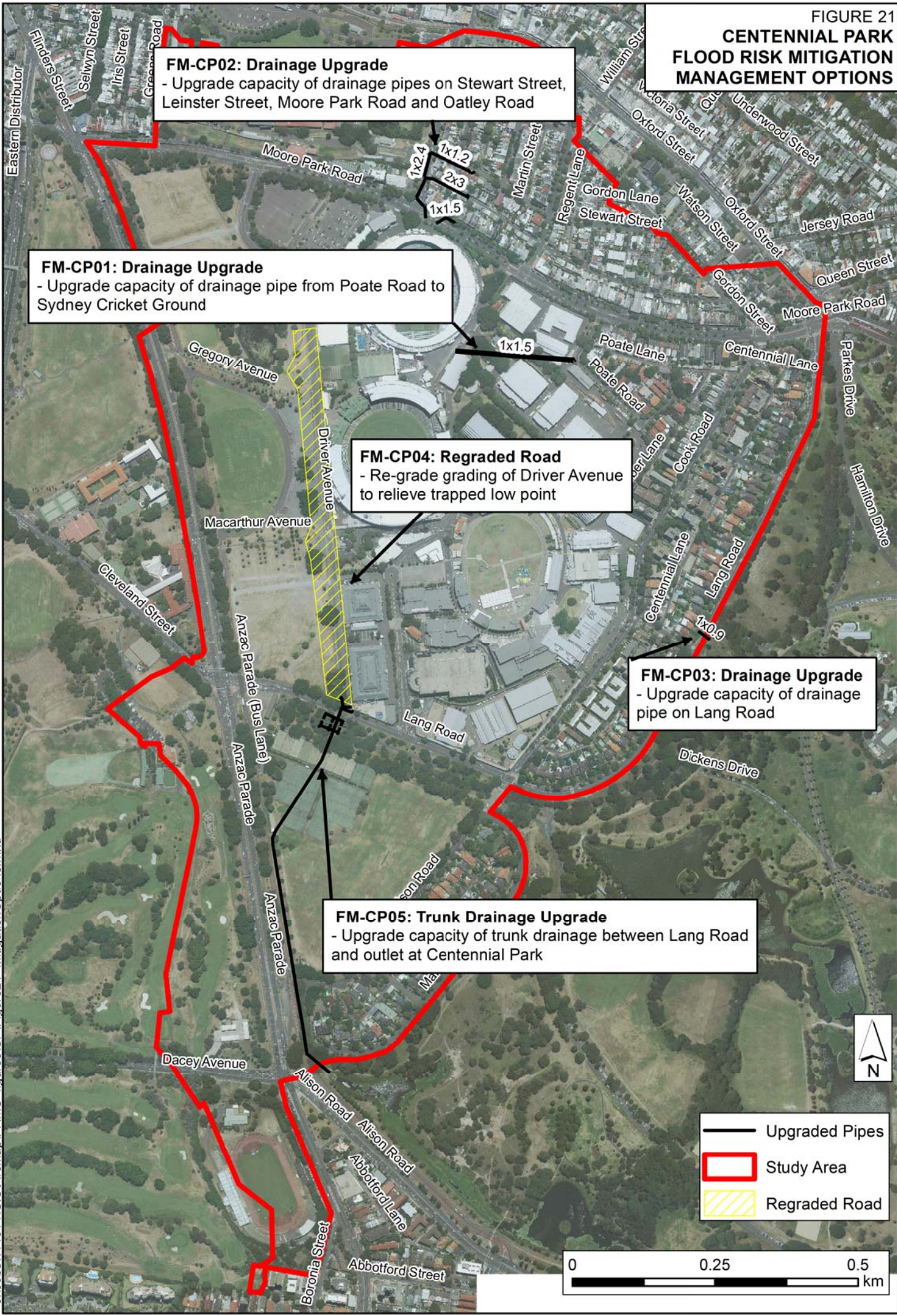
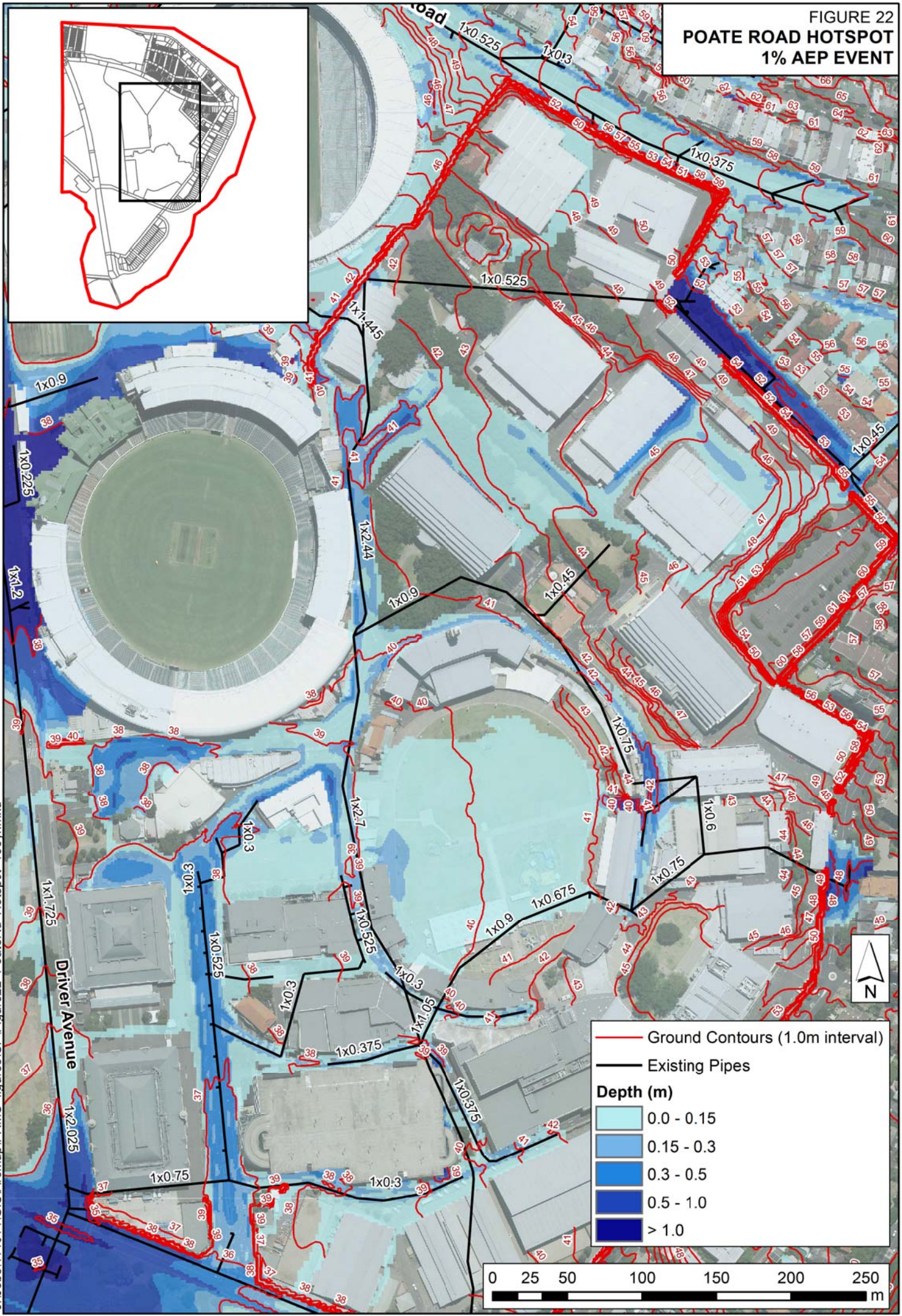
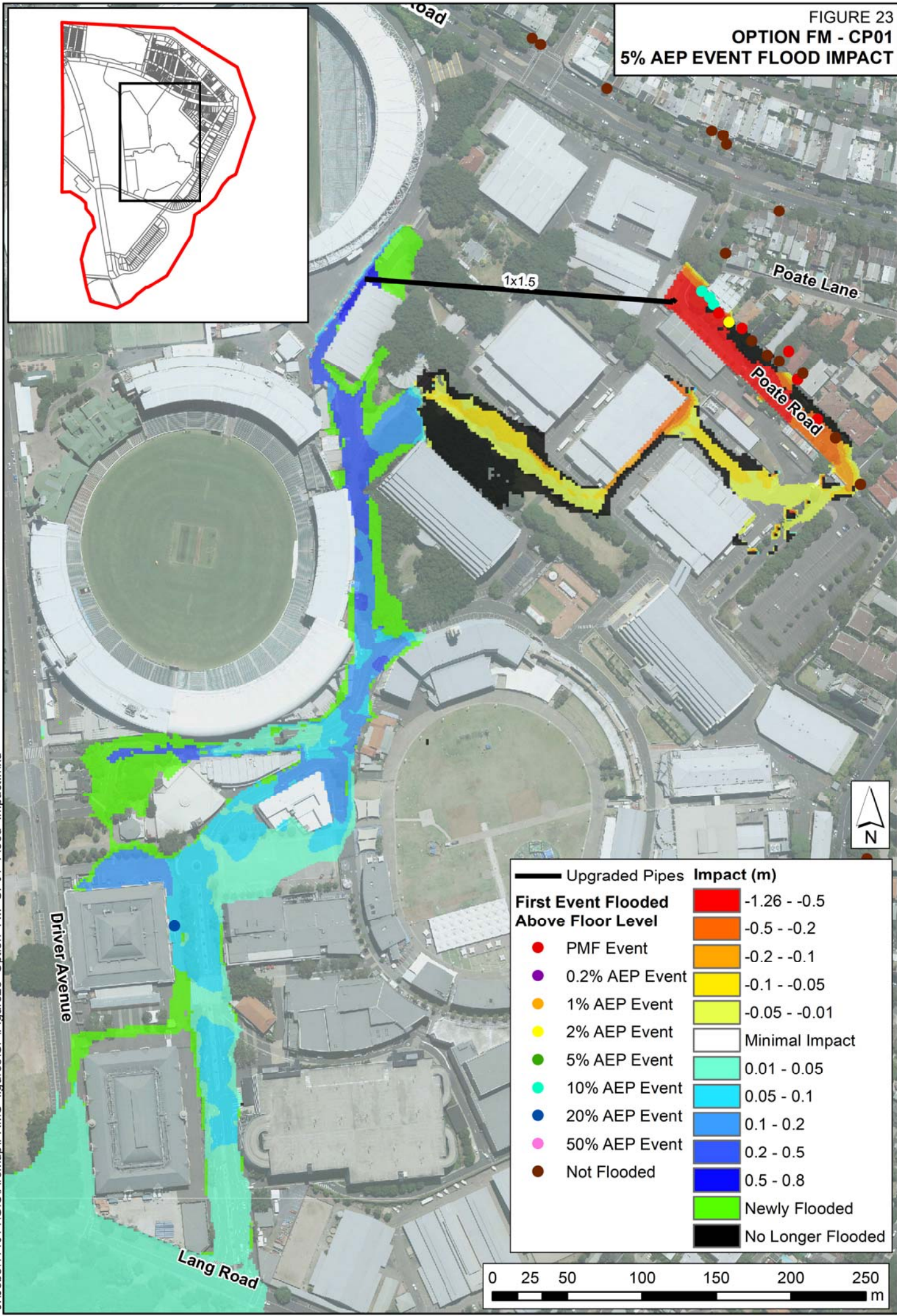


FIGURE 22
POATE ROAD HOTSPOT
1% AEP EVENT



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FIGURE 23
 OPTION FM - CP01
 5% AEP EVENT FLOOD IMPACT



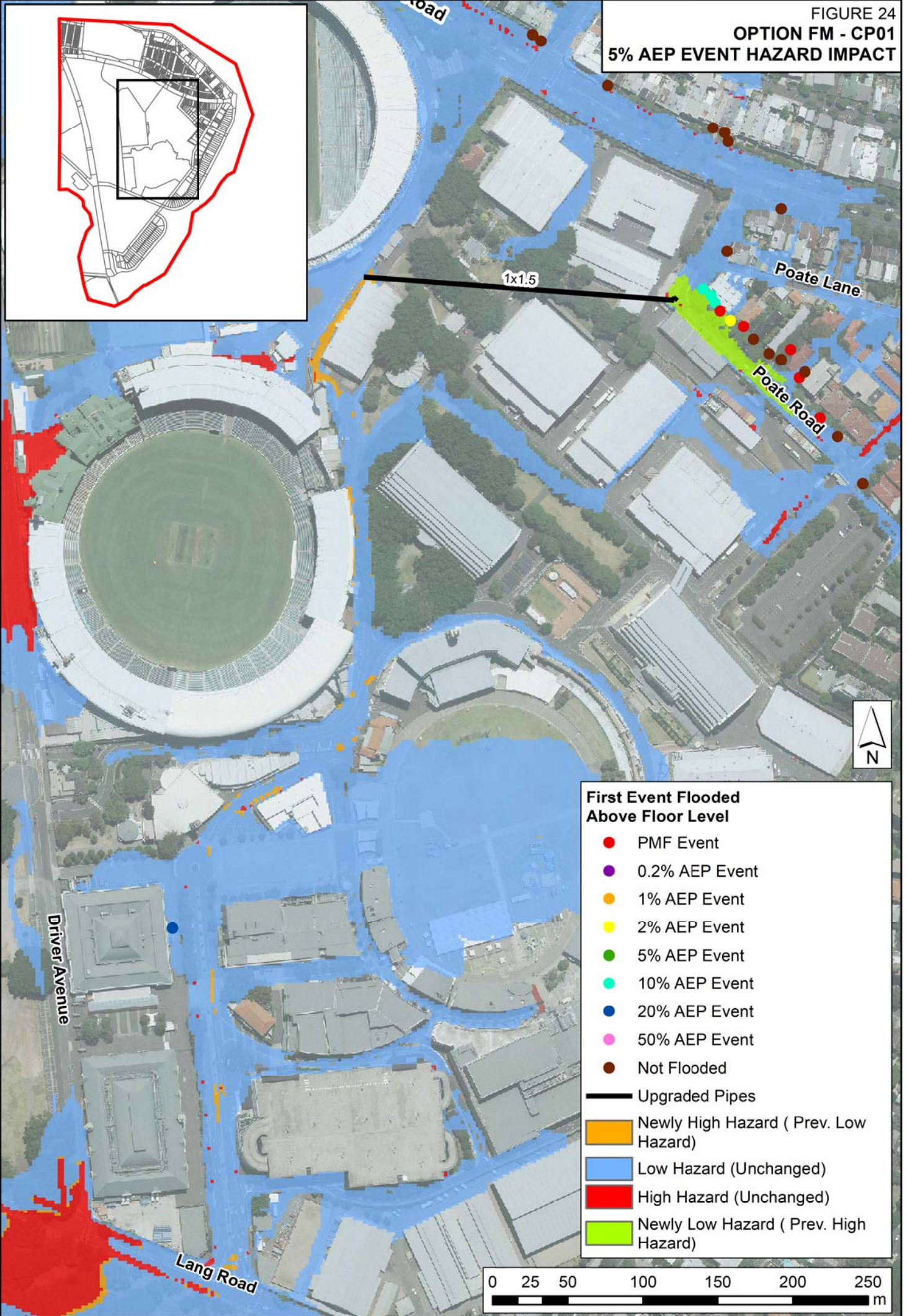
Impact (m)	
Red	-1.26 - -0.5
Orange	-0.5 - -0.2
Light Orange	-0.2 - -0.1
Yellow	-0.1 - -0.05
Light Yellow	-0.05 - -0.01
White	Minimal Impact
Light Green	0.01 - 0.05
Cyan	0.05 - 0.1
Blue-Cyan	0.1 - 0.2
Blue	0.2 - 0.5
Dark Blue	0.5 - 0.8
Light Green	Newly Flooded
Black	No Longer Flooded

Event Type	Symbol
PMF Event	Red dot
0.2% AEP Event	Purple dot
1% AEP Event	Orange dot
2% AEP Event	Yellow dot
5% AEP Event	Light Green dot
10% AEP Event	Cyan dot
20% AEP Event	Blue dot
50% AEP Event	Pink dot
Not Flooded	Brown dot



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FIGURE 24
 OPTION FM - CP01
 5% AEP EVENT HAZARD IMPACT



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First Event Flooded Above Floor Level

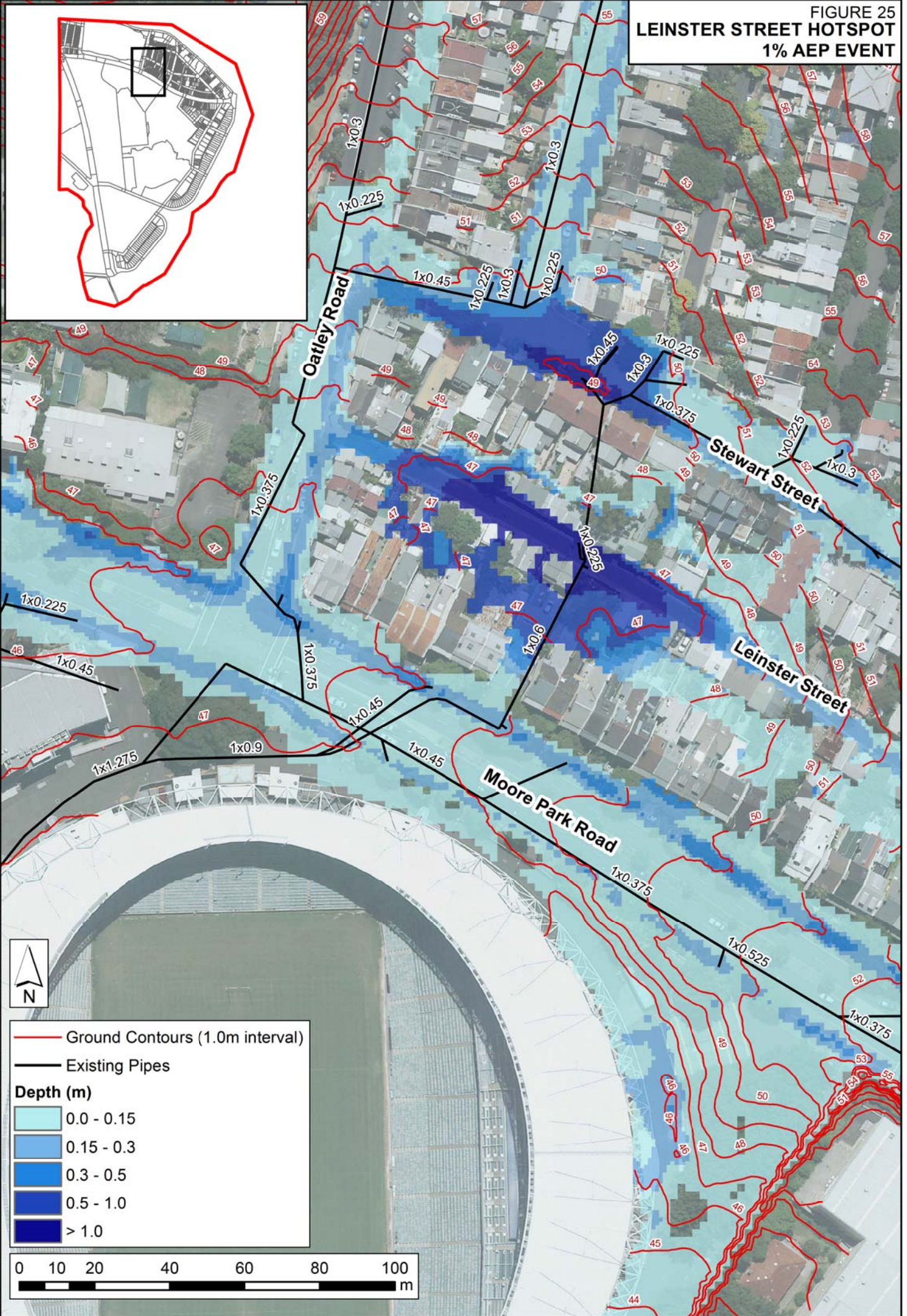
- PMF Event
- 0.2% AEP Event
- 1% AEP Event
- 2% AEP Event
- 5% AEP Event
- 10% AEP Event
- 20% AEP Event
- 50% AEP Event
- Not Flooded

— Upgraded Pipes

- Newly High Hazard (Prev. Low Hazard)
- Low Hazard (Unchanged)
- High Hazard (Unchanged)
- Newly Low Hazard (Prev. High Hazard)



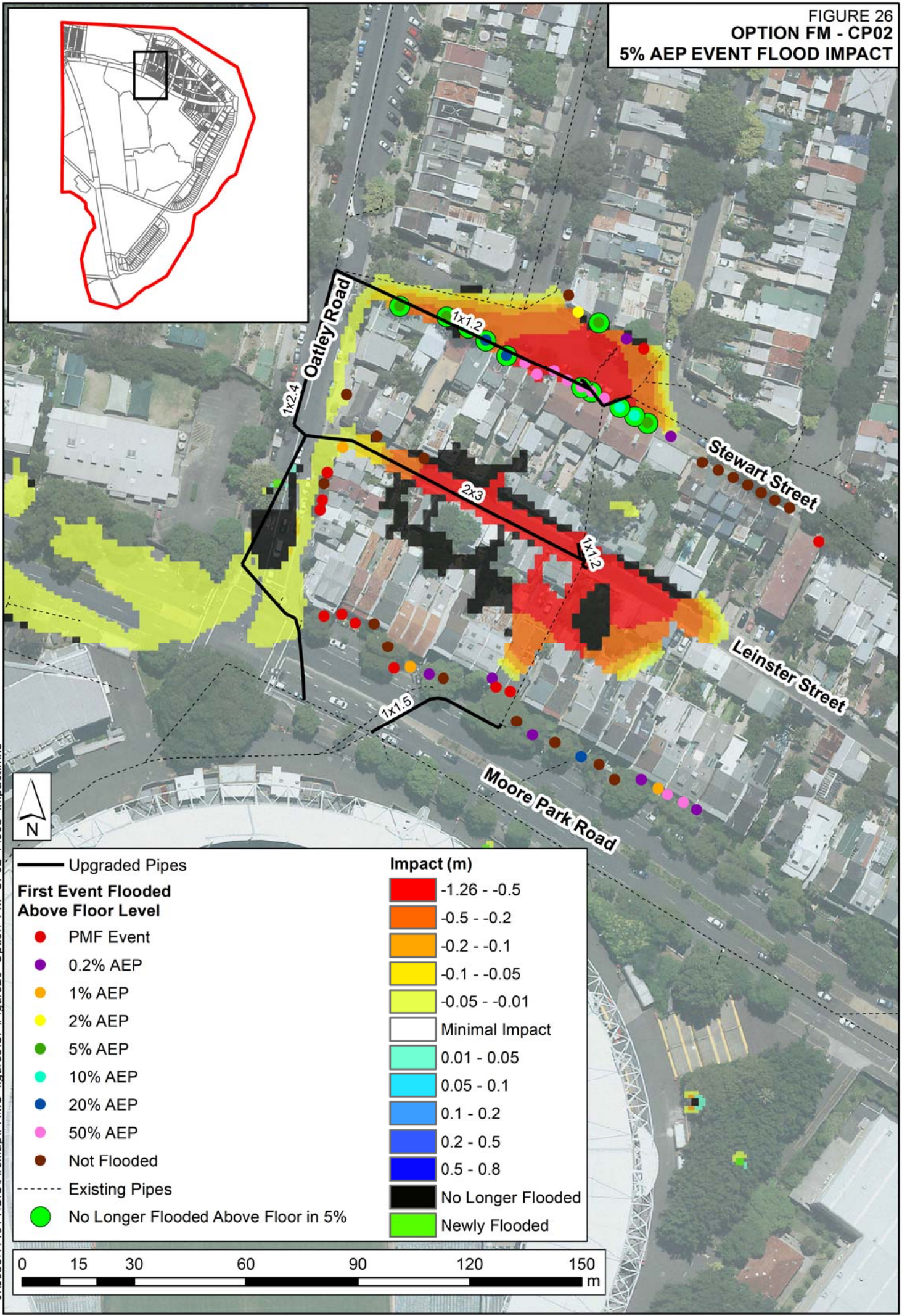
FIGURE 25
LEINSTER STREET HOTSPOT
1% AEP EVENT



- Ground Contours (1.0m interval)
 - Existing Pipes
- Depth (m)**
- 0.0 - 0.15
 - 0.15 - 0.3
 - 0.3 - 0.5
 - 0.5 - 1.0
 - > 1.0



FIGURE 26
 OPTION FM - CP02
 5% AEP EVENT FLOOD IMPACT

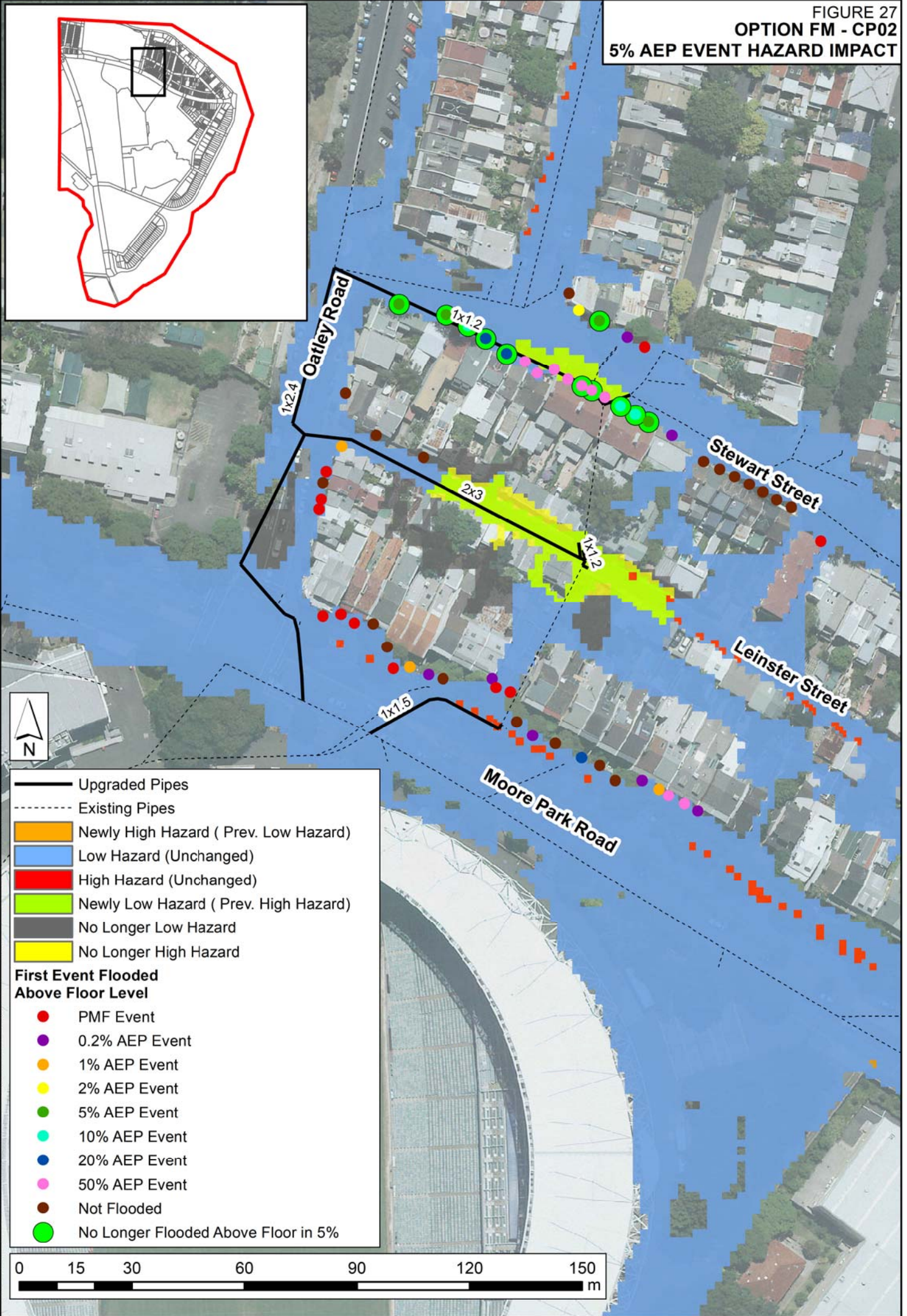


	Upgraded Pipes		-1.26 - -0.5
	Existing Pipes		-0.5 - -0.2
	PMF Event		-0.2 - -0.1
	0.2% AEP		-0.1 - -0.05
	1% AEP		-0.05 - -0.01
	2% AEP		Minimal Impact
	5% AEP		0.01 - 0.05
	10% AEP		0.05 - 0.1
	20% AEP		0.1 - 0.2
	50% AEP		0.2 - 0.5
	Not Flooded		0.5 - 0.8
	No Longer Flooded Above Floor in 5%		No Longer Flooded
	No Longer Flooded Above Floor in 5%		Newly Flooded



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FIGURE 27
 OPTION FM - CP02
 5% AEP EVENT HAZARD IMPACT



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- Upgraded Pipes
 - - - Existing Pipes
 - Newly High Hazard (Prev. Low Hazard)
 - Low Hazard (Unchanged)
 - High Hazard (Unchanged)
 - Newly Low Hazard (Prev. High Hazard)
 - No Longer Low Hazard
 - No Longer High Hazard
- First Event Flooded Above Floor Level**
- PMF Event
 - 0.2% AEP Event
 - 1% AEP Event
 - 2% AEP Event
 - 5% AEP Event
 - 10% AEP Event
 - 20% AEP Event
 - 50% AEP Event
 - Not Flooded
 - No Longer Flooded Above Floor in 5%



FIGURE 28
 LANG ROAD NORTH HOTSPOT
 1% AEP EVENT

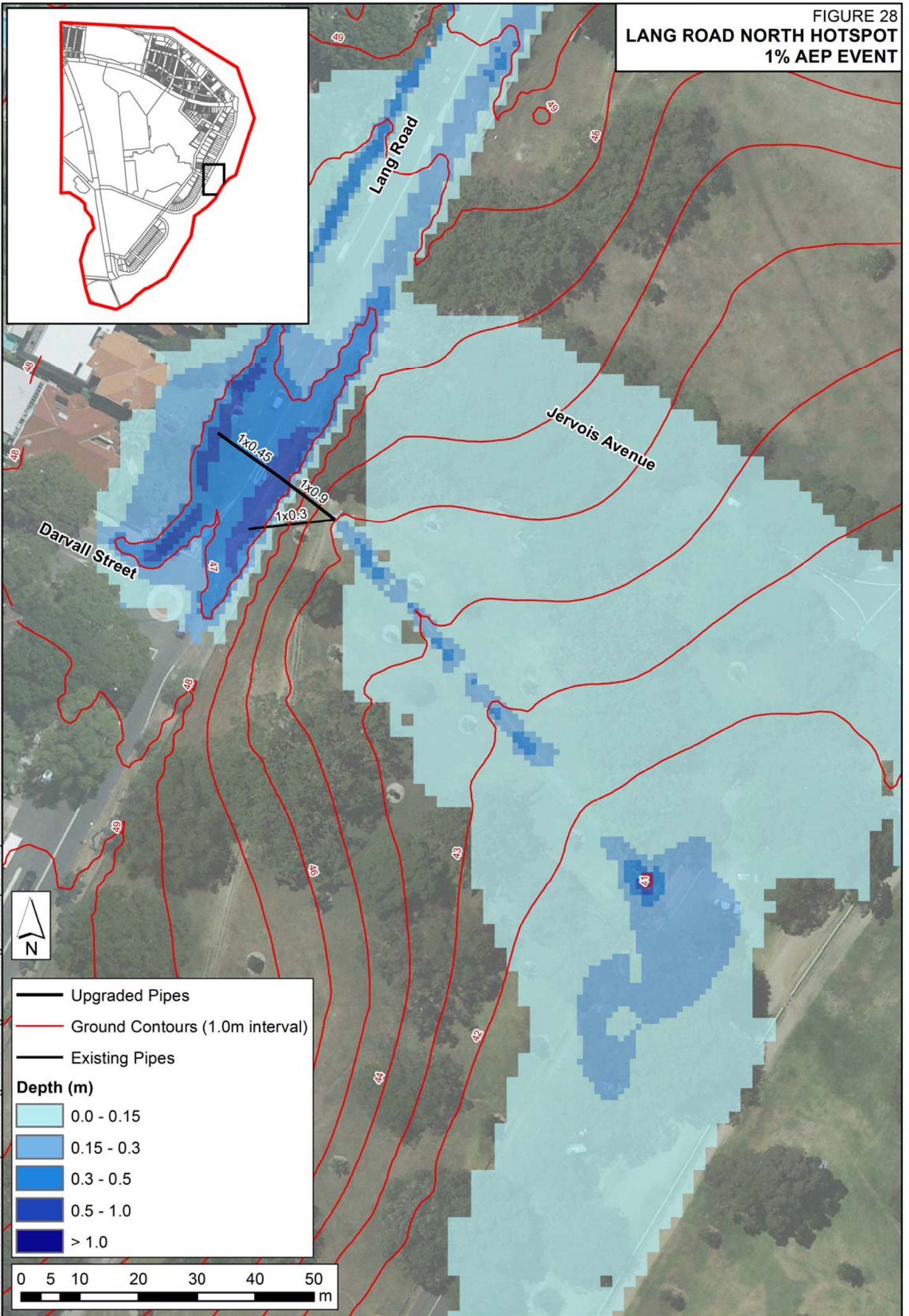
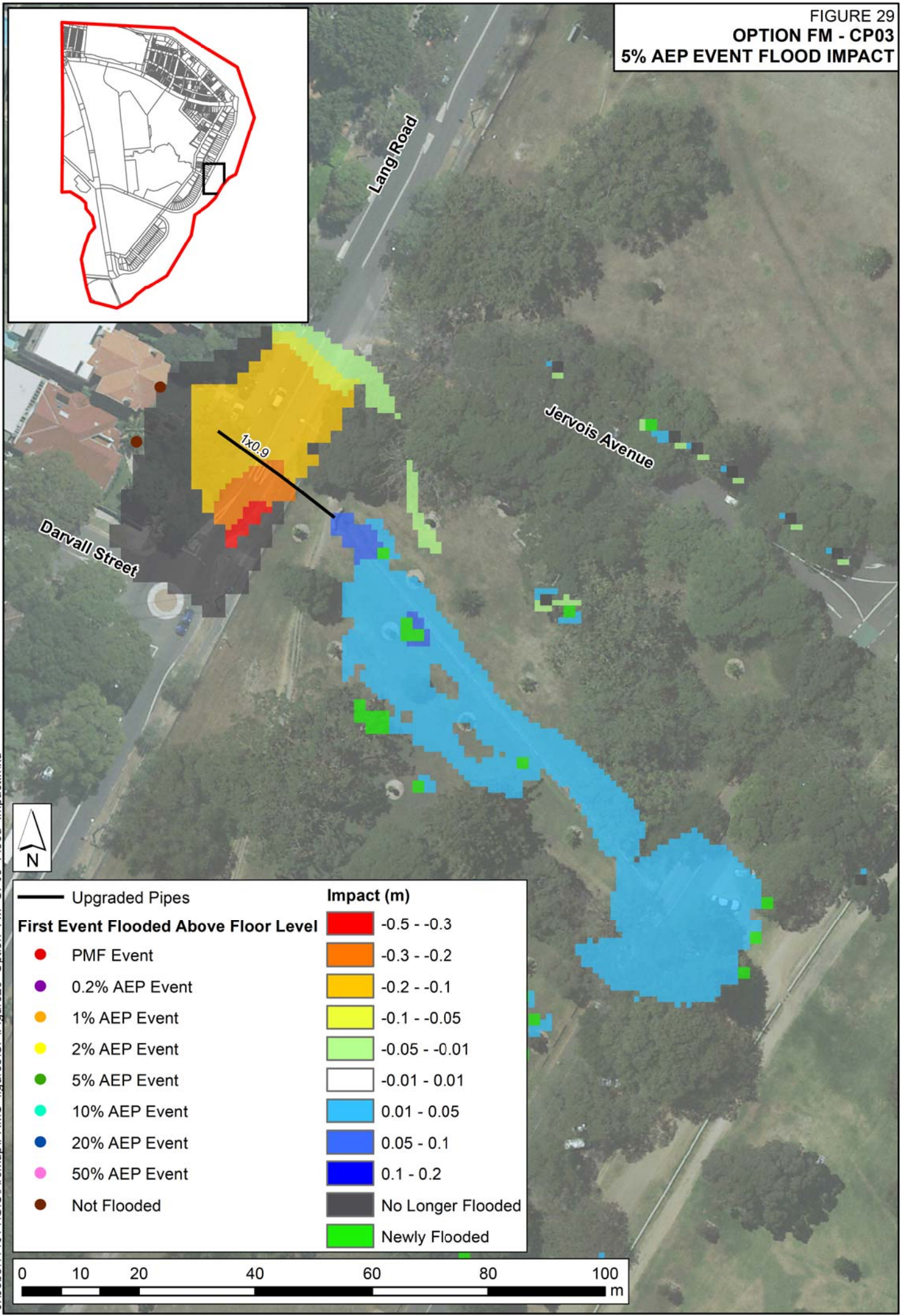


FIGURE 29
 OPTION FM - CP03
 5% AEP EVENT FLOOD IMPACT



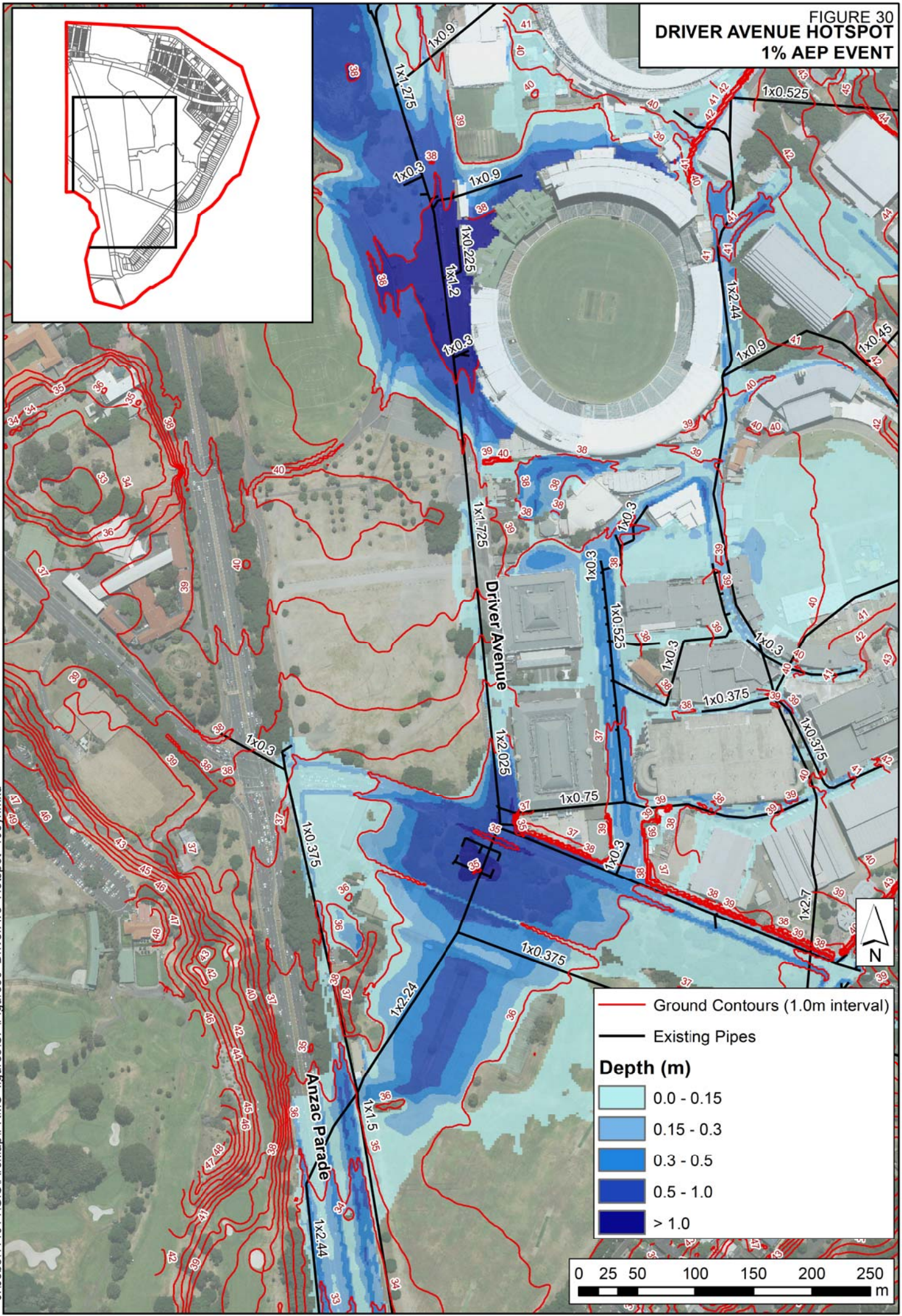
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First Event Flooded Above Floor Level		Impact (m)
● PMF Event	● 0.2% AEP Event	■ -0.5 - -0.3
● 1% AEP Event	● 2% AEP Event	■ -0.3 - -0.2
● 5% AEP Event	● 10% AEP Event	■ -0.2 - -0.1
● 20% AEP Event	● 50% AEP Event	■ -0.1 - -0.05
● Not Flooded		■ -0.05 - -0.01
		■ -0.01 - 0.01
		■ 0.01 - 0.05
		■ 0.05 - 0.1
		■ 0.1 - 0.2
		■ No Longer Flooded
		■ Newly Flooded



FIGURE 30
DRIVER AVENUE HOTSPOT
1% AEP EVENT



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— Ground Contours (1.0m interval)

— Existing Pipes

Depth (m)

	0.0 - 0.15
	0.15 - 0.3
	0.3 - 0.5
	0.5 - 1.0
	> 1.0

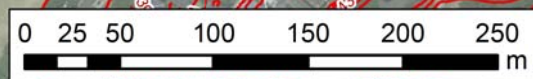
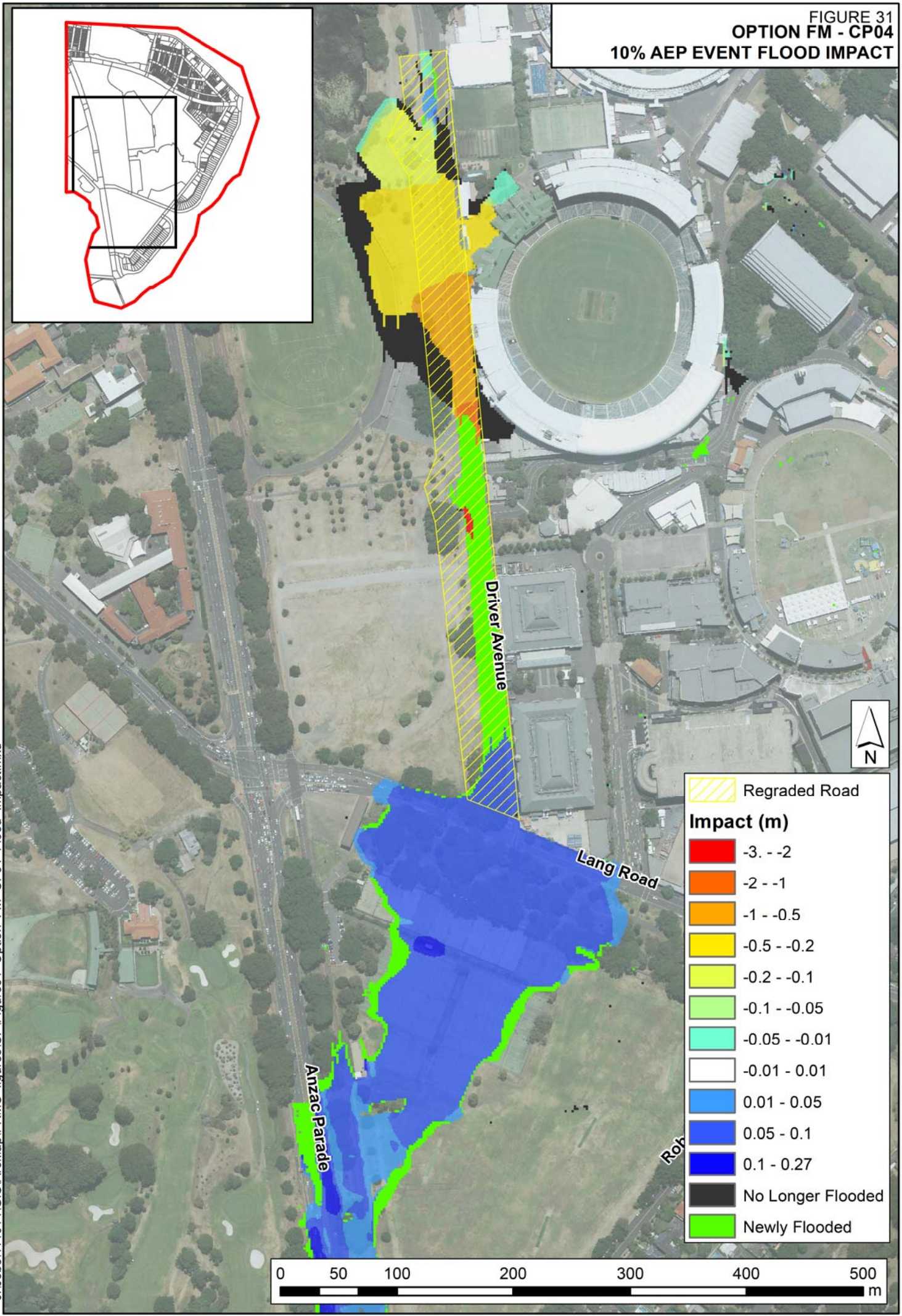


FIGURE 31
 OPTION FM - CP04
 10% AEP EVENT FLOOD IMPACT



	Regraded Road
Impact (m)	
	-3. - -2
	-2 - -1
	-1 - -0.5
	-0.5 - -0.2
	-0.2 - -0.1
	-0.1 - -0.05
	-0.05 - -0.01
	-0.01 - 0.01
	0.01 - 0.05
	0.05 - 0.1
	0.1 - 0.27
	No Longer Flooded
	Newly Flooded

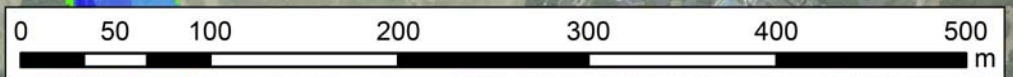
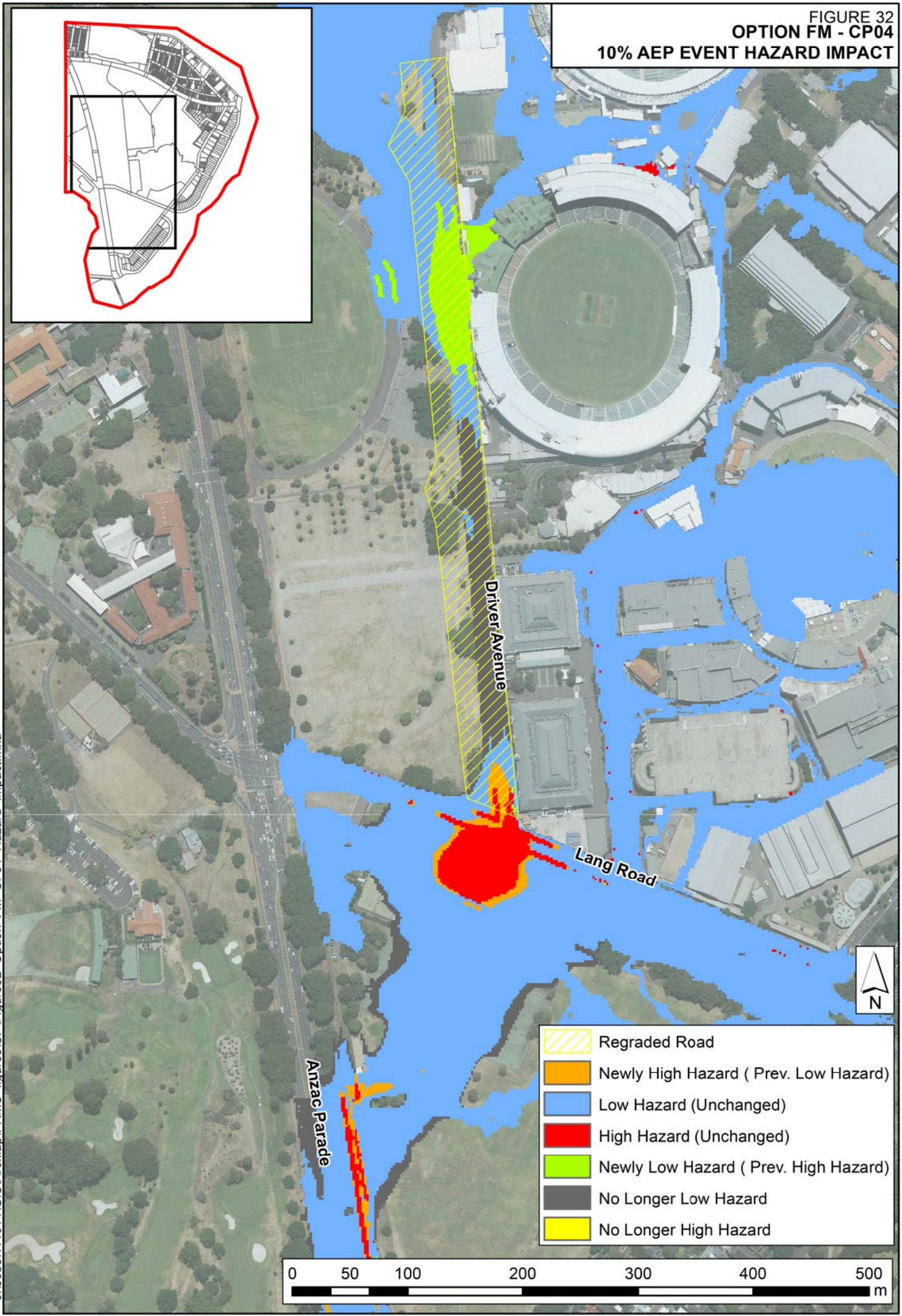


FIGURE 32
OPTION FM - CP04
10% AEP EVENT HAZARD IMPACT



-  Regraded Road
-  Newly High Hazard (Prev. Low Hazard)
-  Low Hazard (Unchanged)
-  High Hazard (Unchanged)
-  Newly Low Hazard (Prev. High Hazard)
-  No Longer Low Hazard
-  No Longer High Hazard

