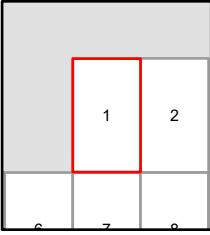
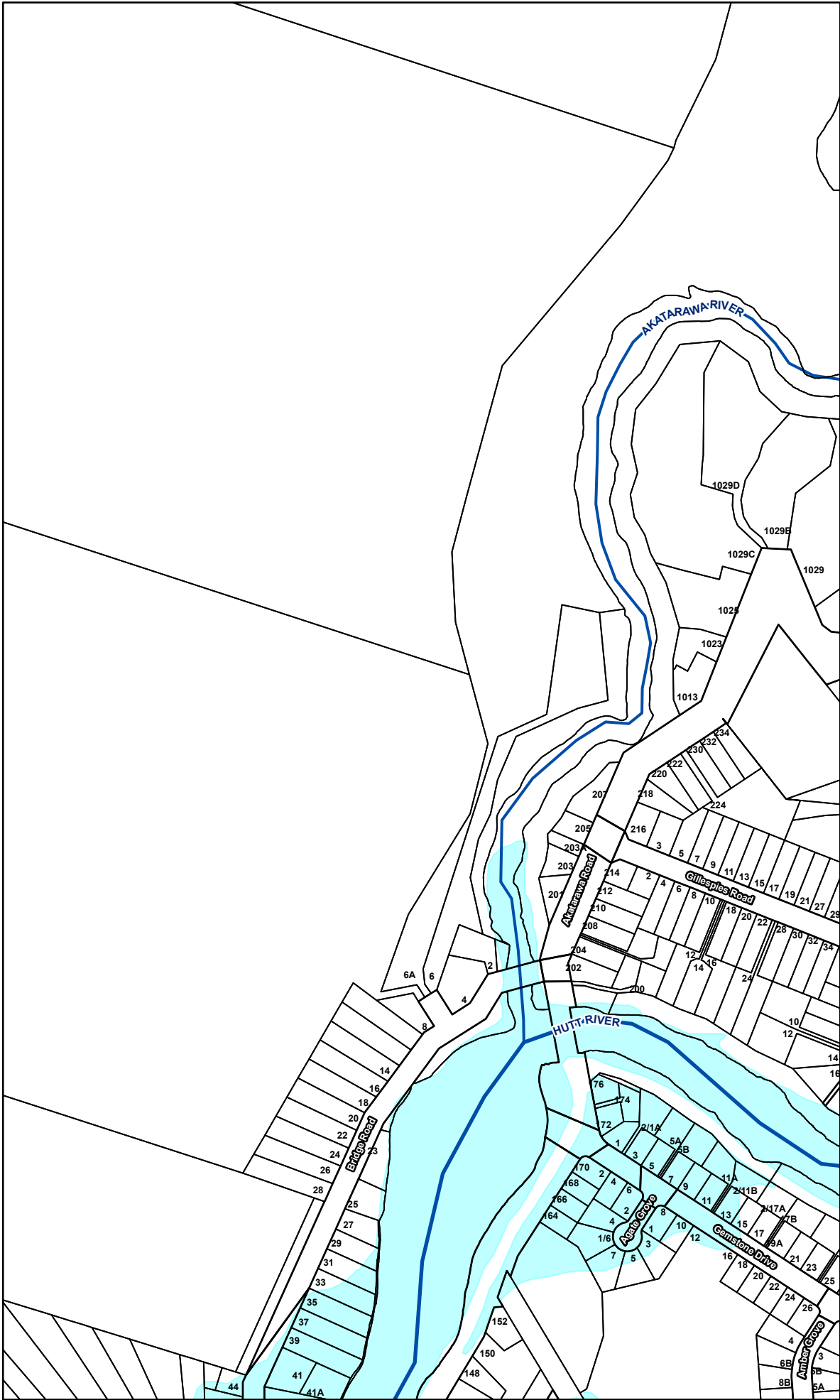


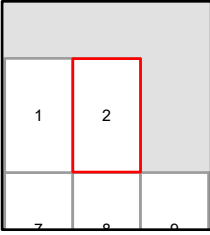
**URBAN
HAZARD
MAP
1**



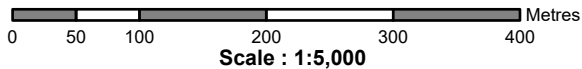
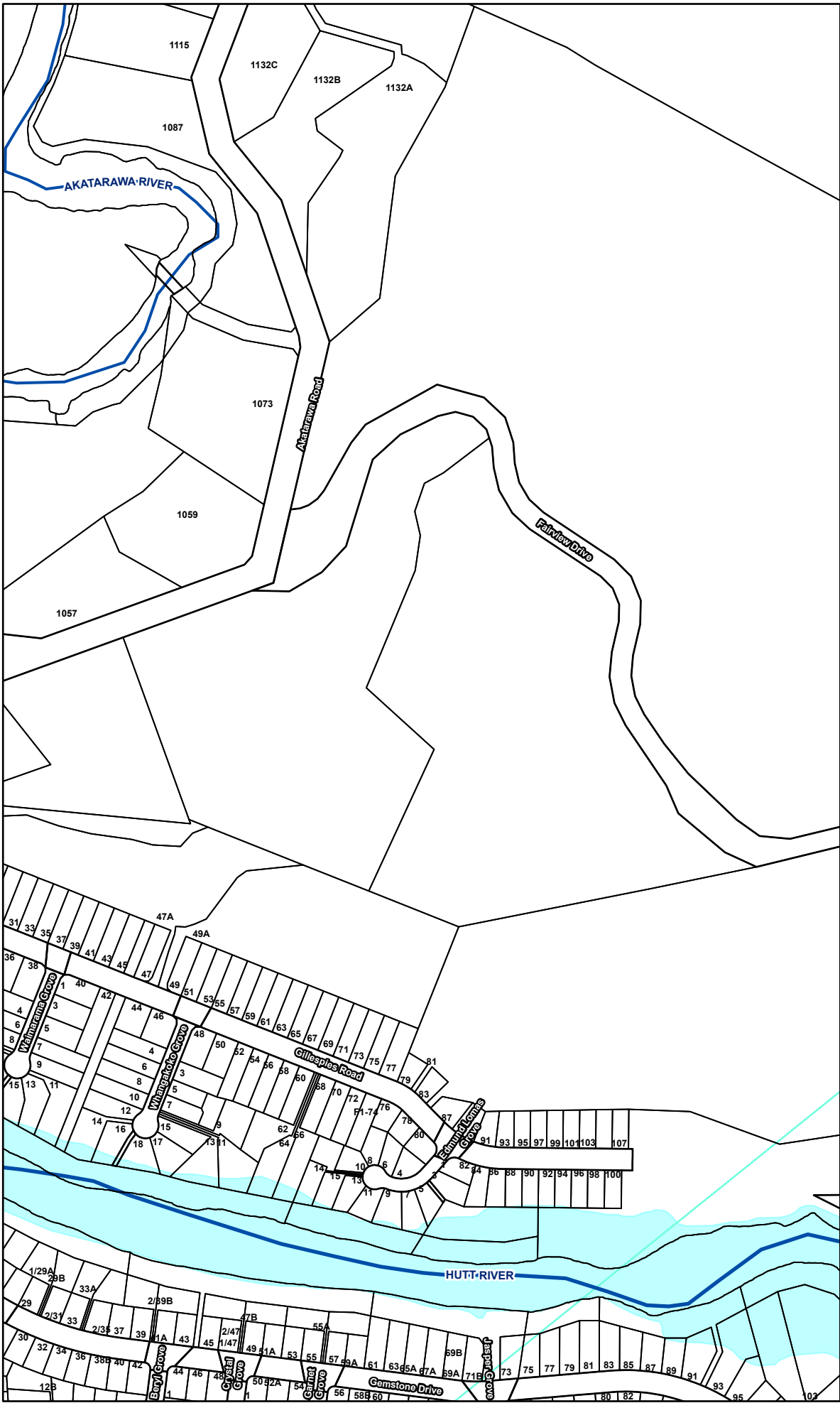
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 2



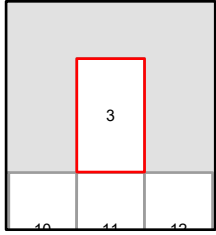
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band











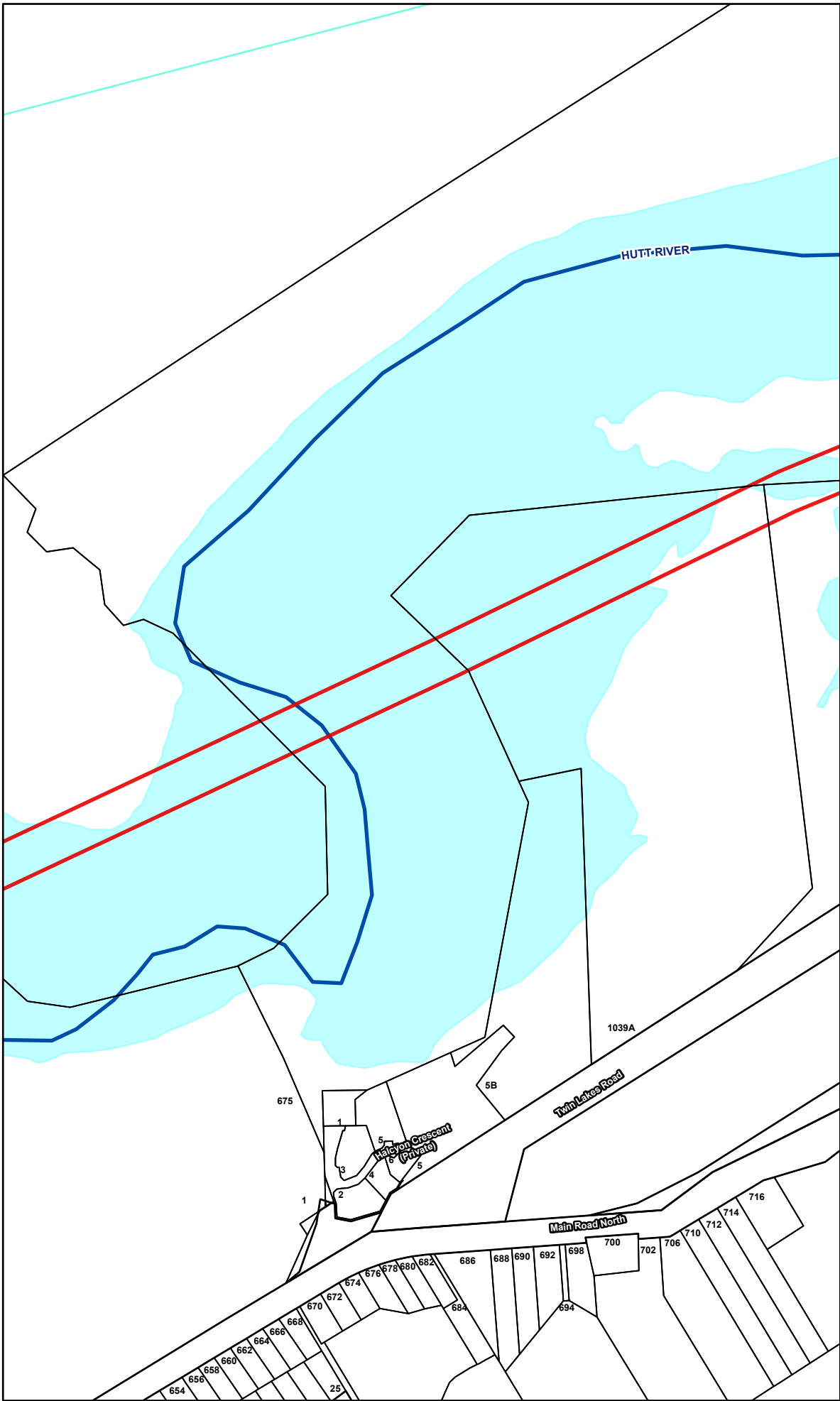
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See Urban Map 2

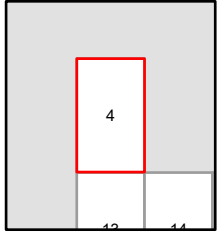
URBAN HAZARD MAP 3



- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band



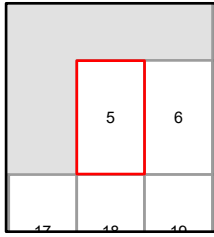
**URBAN
HAZARD
MAP
4**











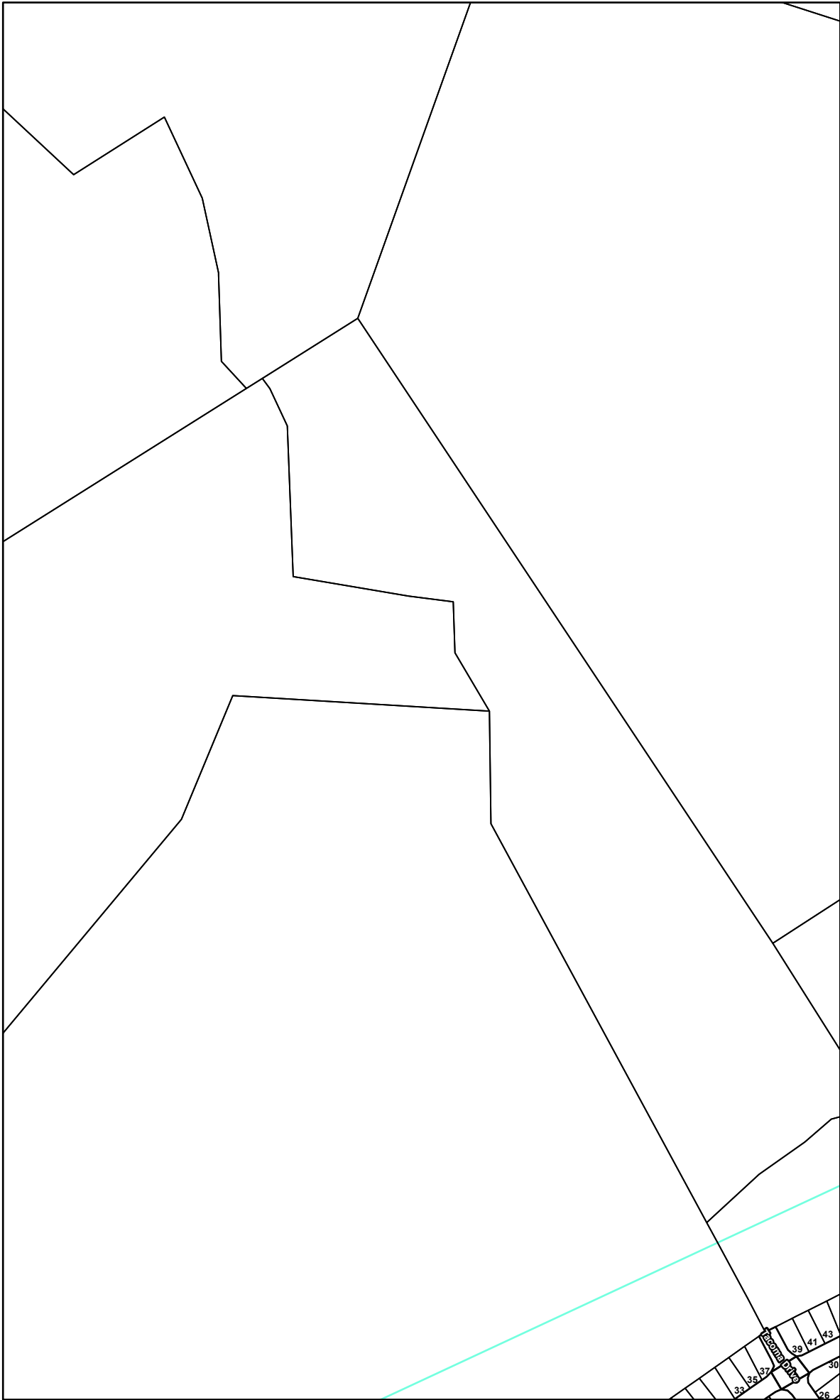
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



**URBAN
HAZARD
MAP
5**

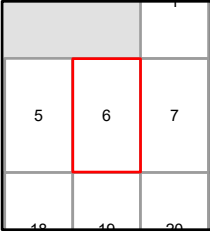


- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band





See Urban
Map
5

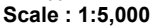

**URBAN
HAZARD
MAP
6**



- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band

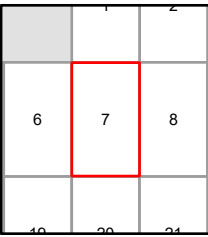


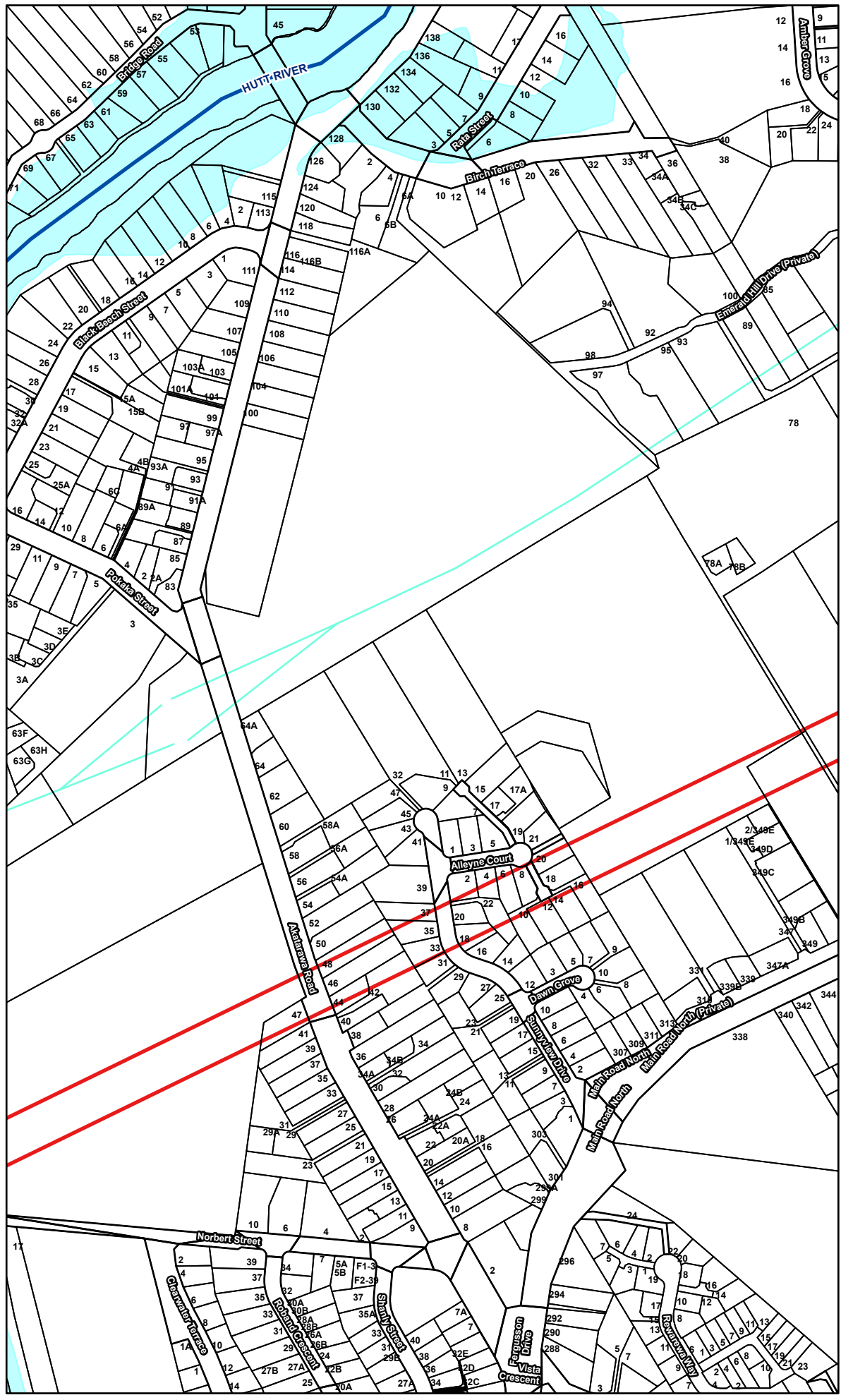



See Urban Map 6

URBAN HAZARD MAP 7



- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



Upper Hutt City Council

N

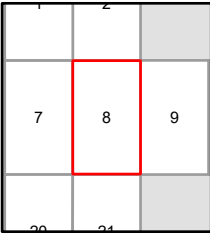
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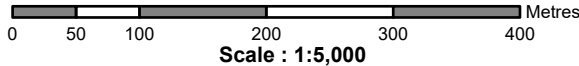
October 2021

See Urban Map 7

URBAN HAZARD MAP 8



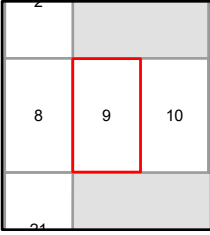
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



October 2021



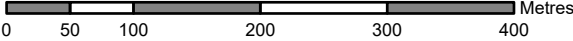
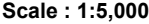

See Urban Map 8

URBAN HAZARD MAP 9



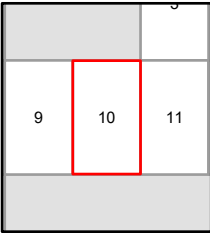
- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band



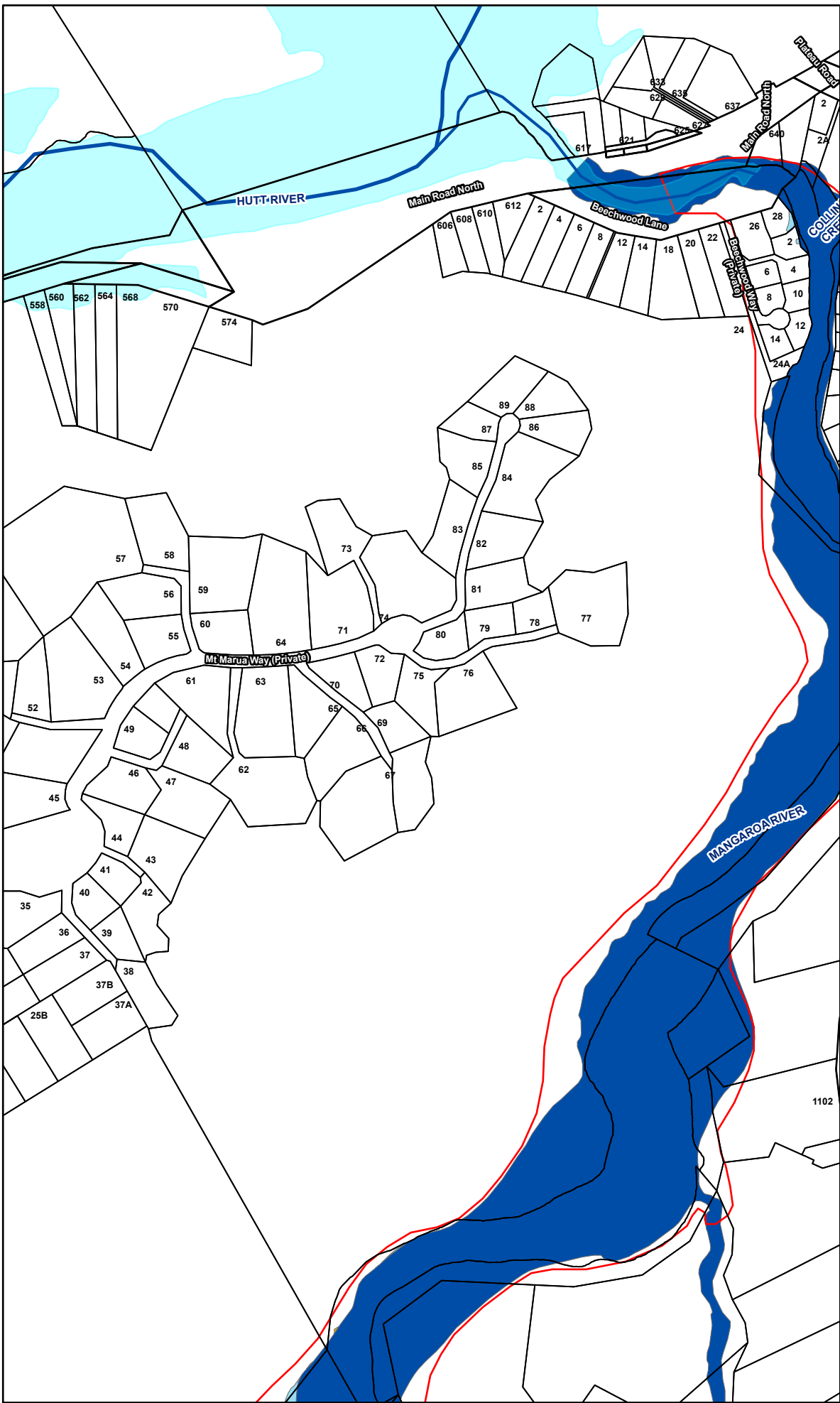






See Urban Map 9

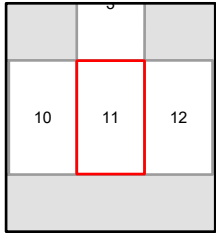
URBAN HAZARD MAP 10










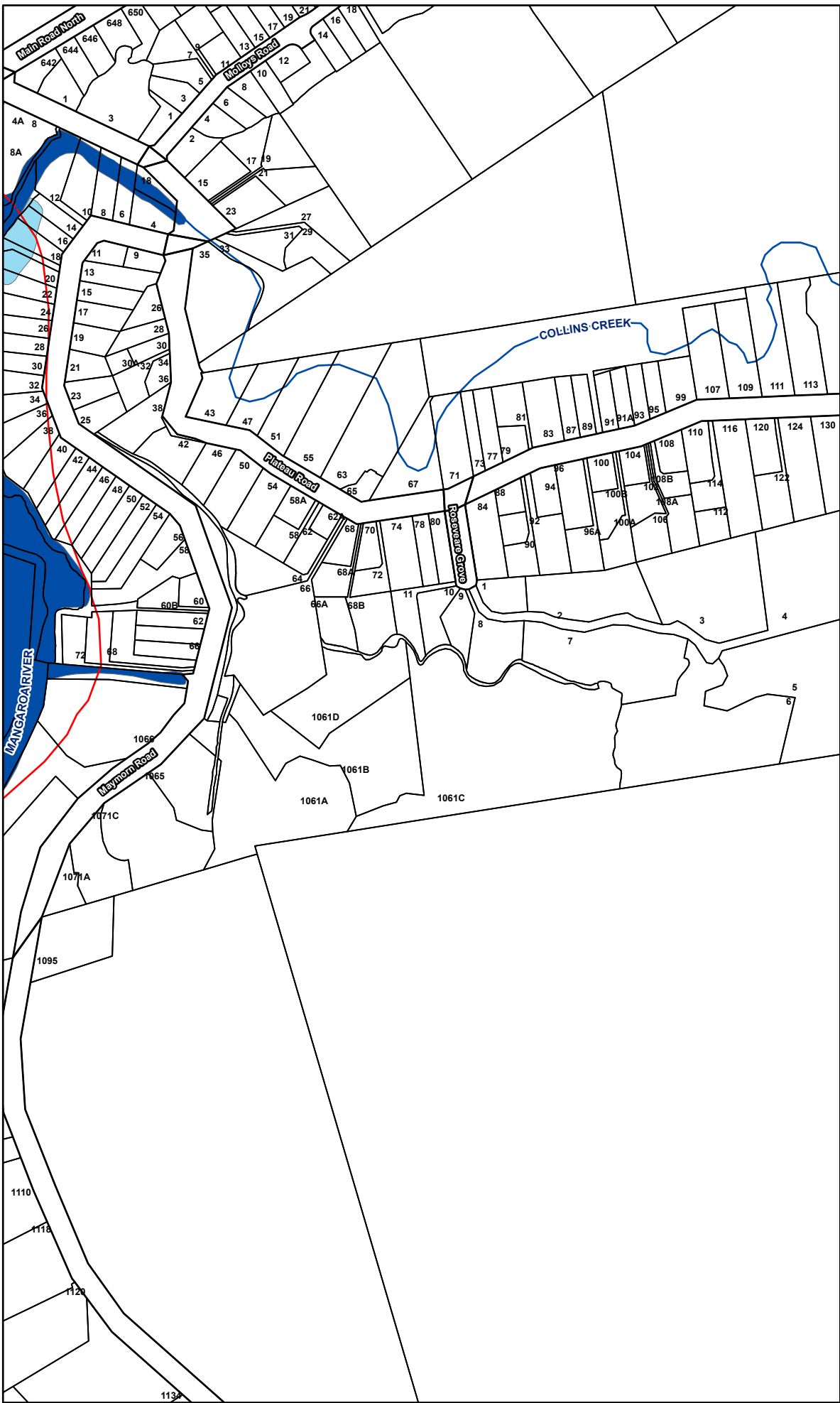
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



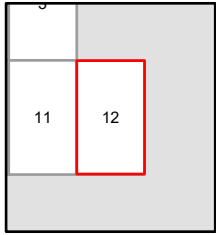
URBAN HAZARD MAP 11



- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band



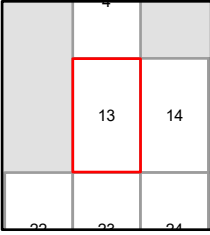
**URBAN
HAZARD
MAP
12**



- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



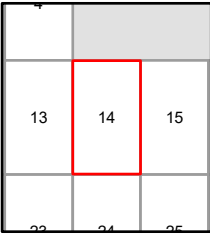
URBAN HAZARD MAP 13



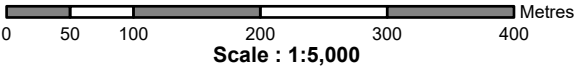
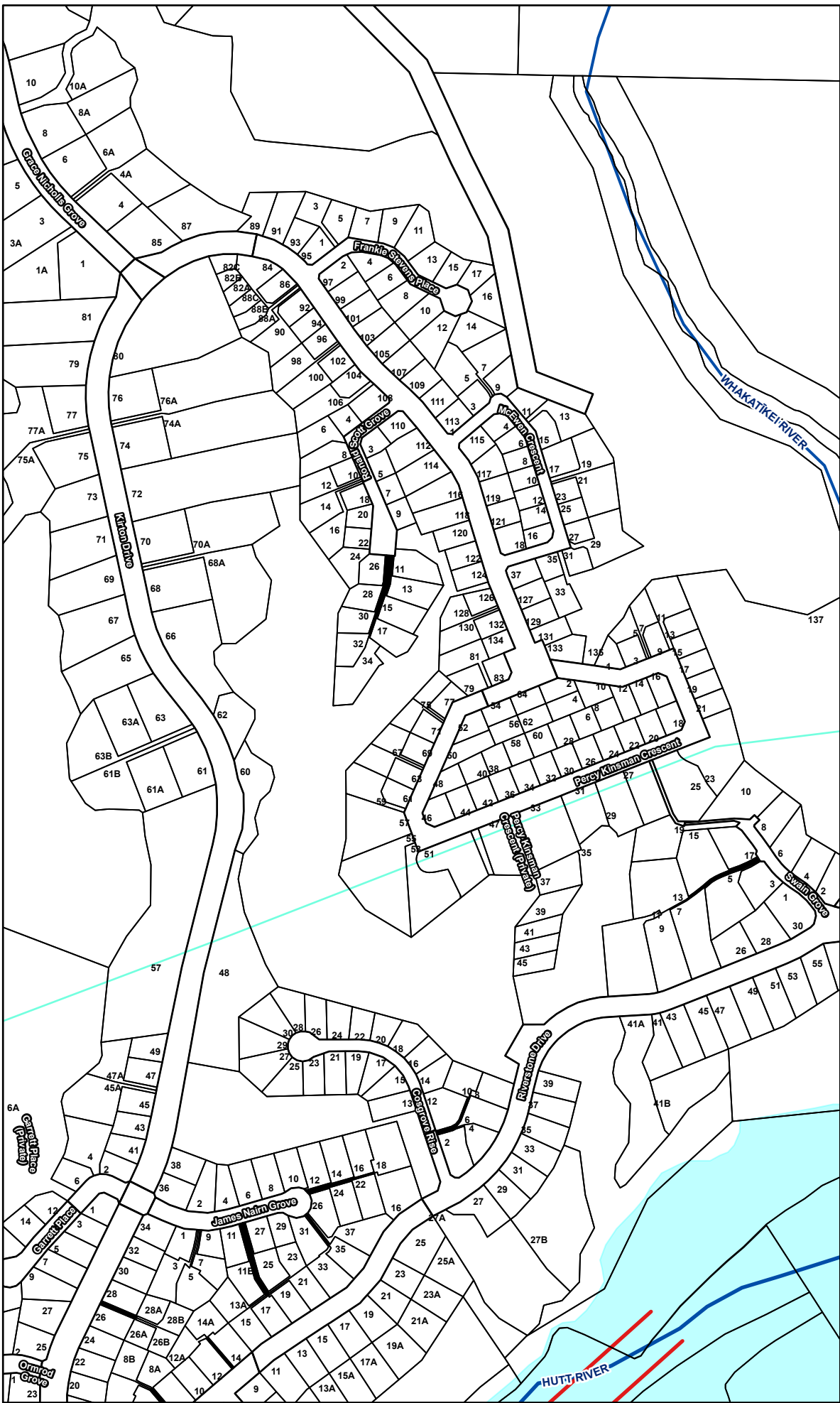
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 14



- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



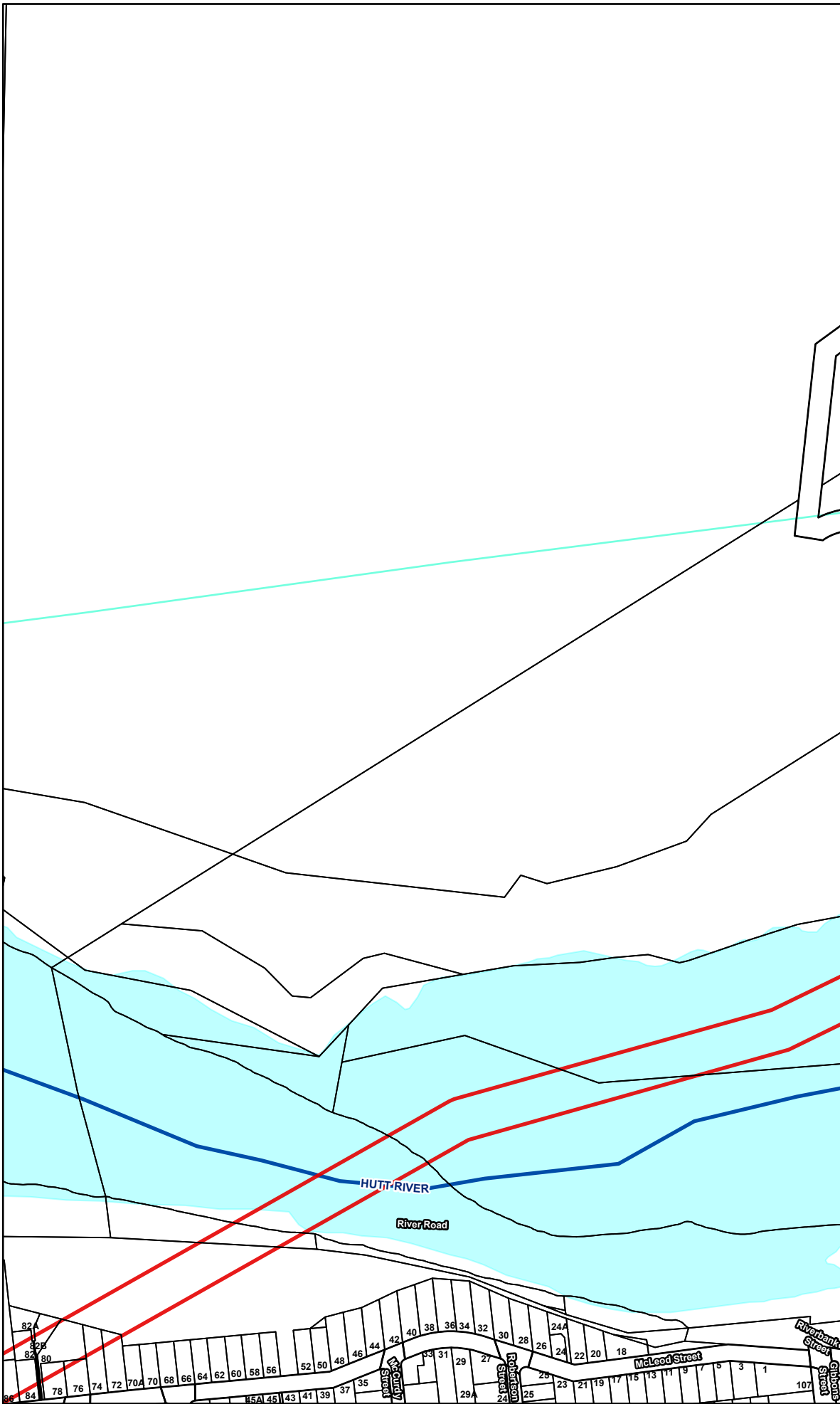
October 2021

See Urban Map 14

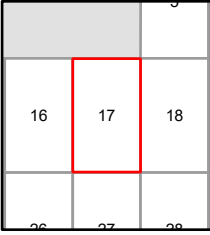
URBAN HAZARD MAP 16

15	16	17
25	26	27

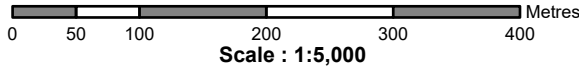
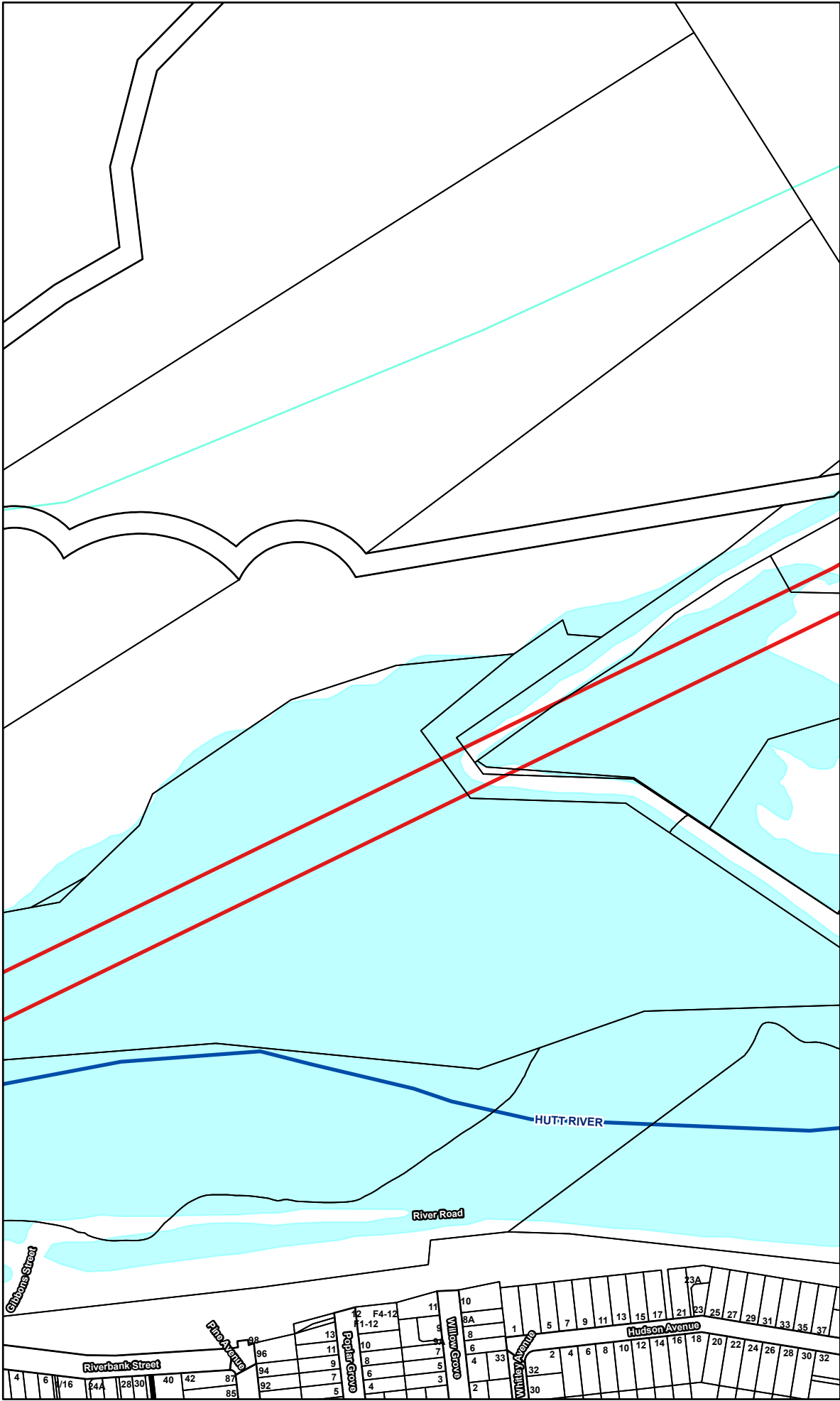
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 17



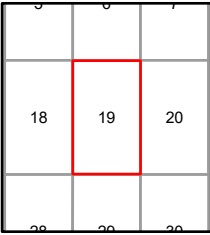
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



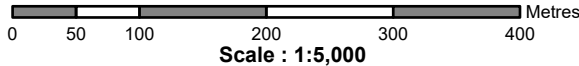
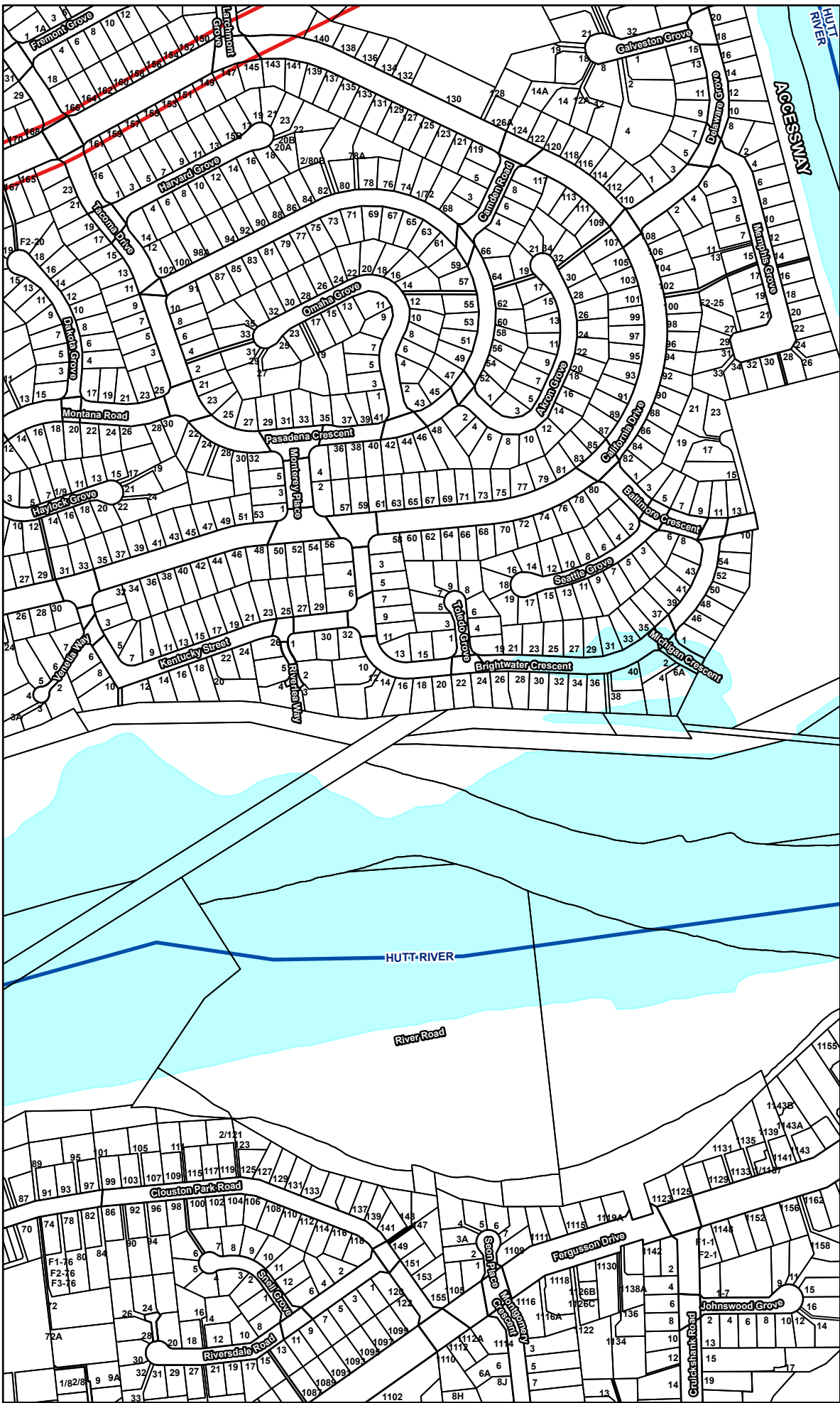
October 2021

See Urban Map 17

URBAN HAZARD MAP 19



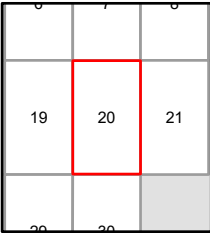
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



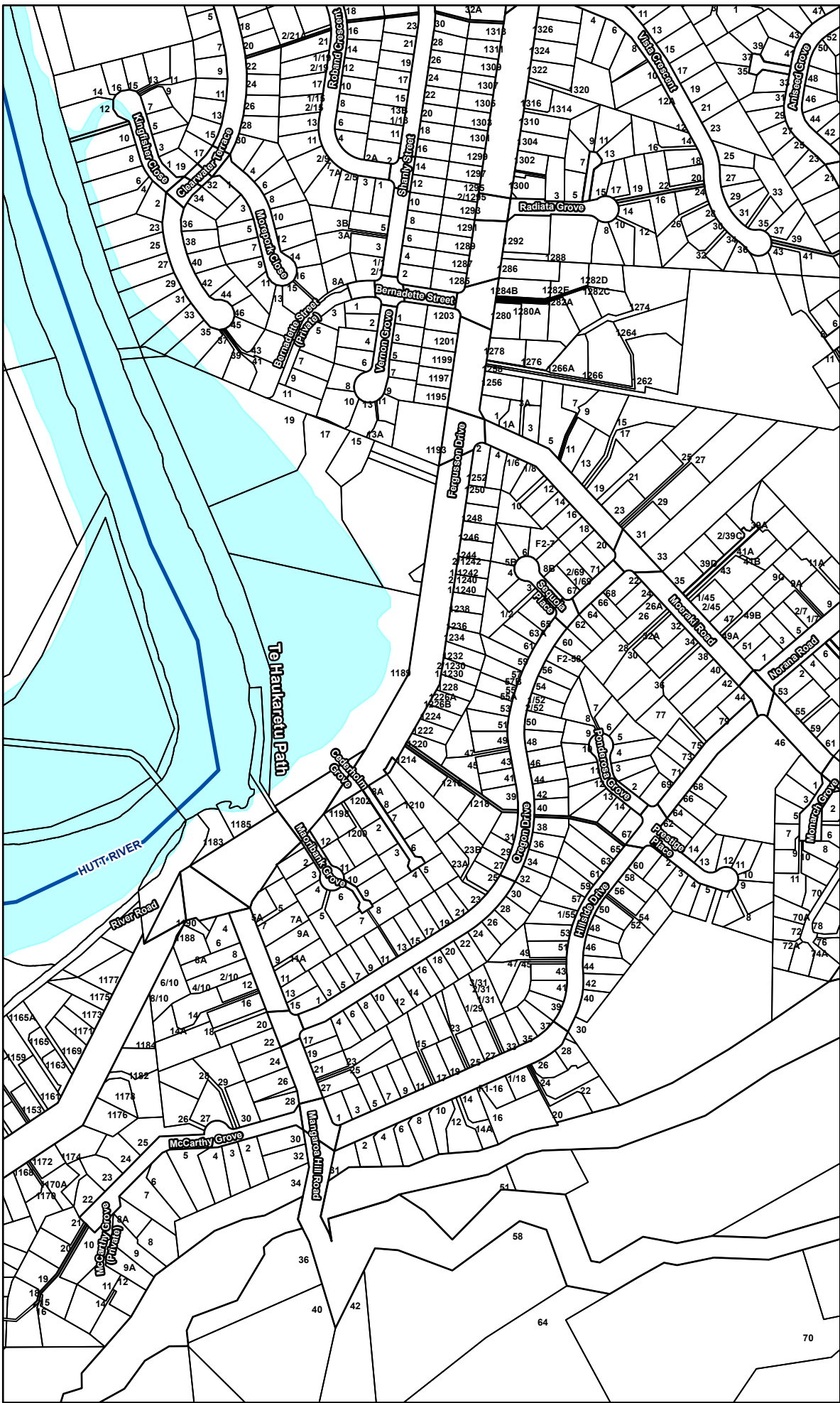
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See Urban Map 19

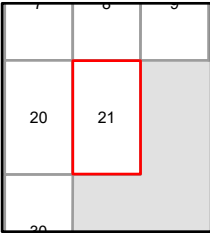
URBAN HAZARD MAP 20



- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



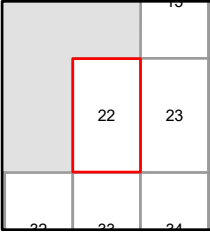
**URBAN
HAZARD
MAP
21**








- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band

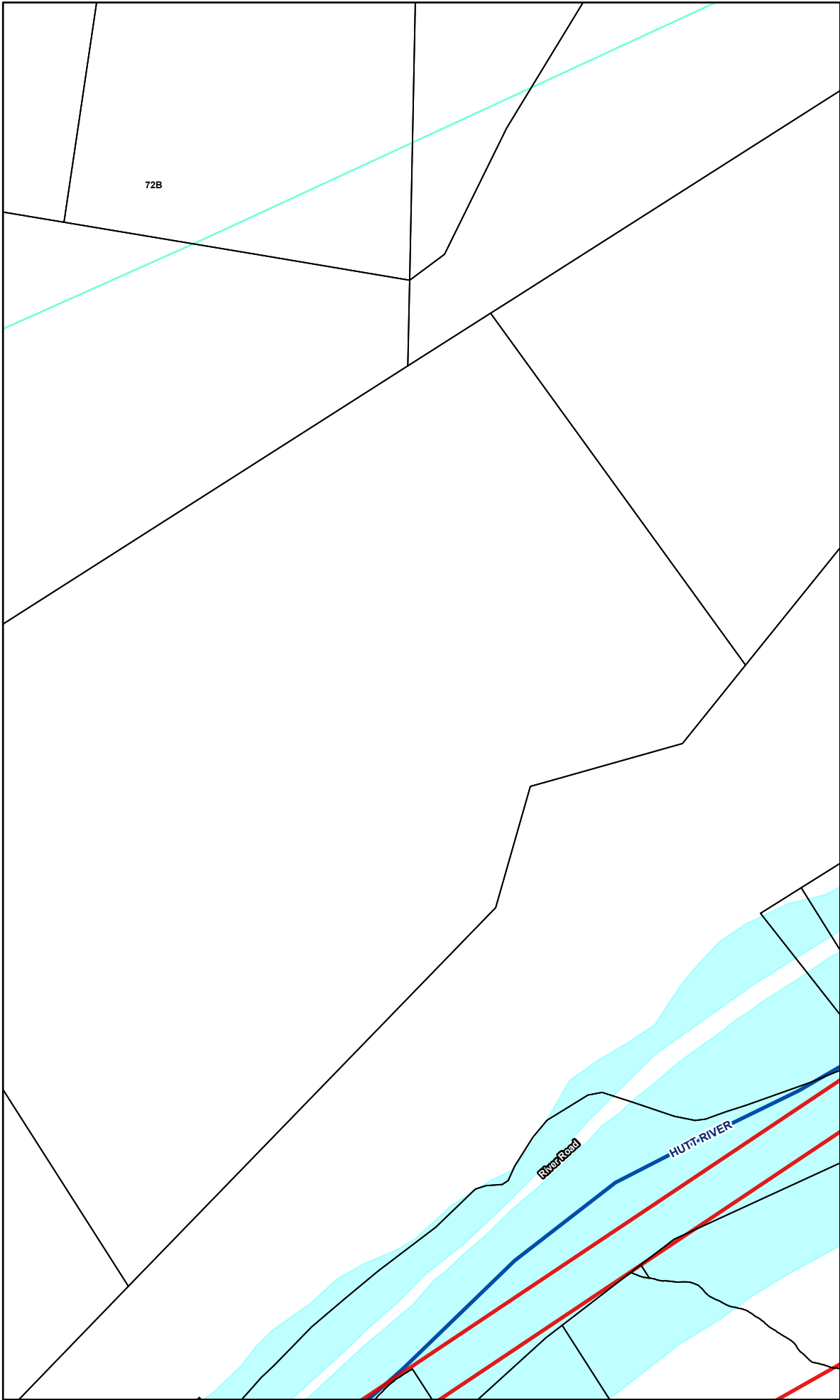


**URBAN
HAZARD
MAP
22**

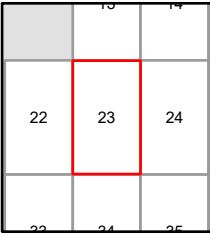


Features

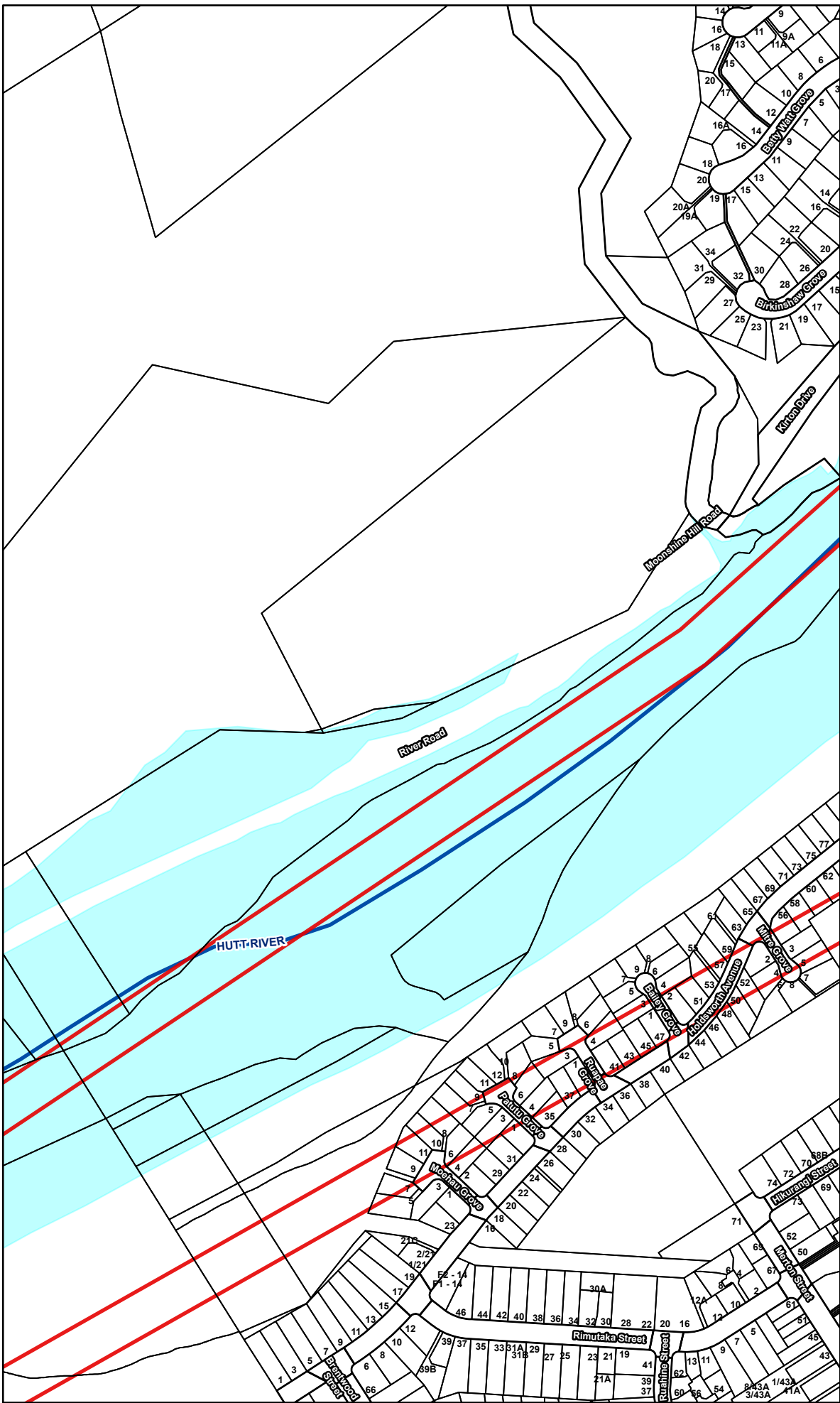
-  1 in 100 year flood extent
-  Pinehaven Catchment Overlay
-  Stream / River Corridor
-  Overland Flow / Overflow Path
-  Ponding Area
-  Erosion Hazard Area
-  High Voltage Lines
-  Fault Band



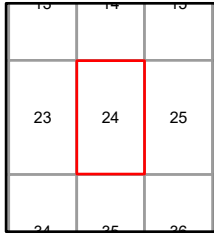
URBAN HAZARD MAP 23



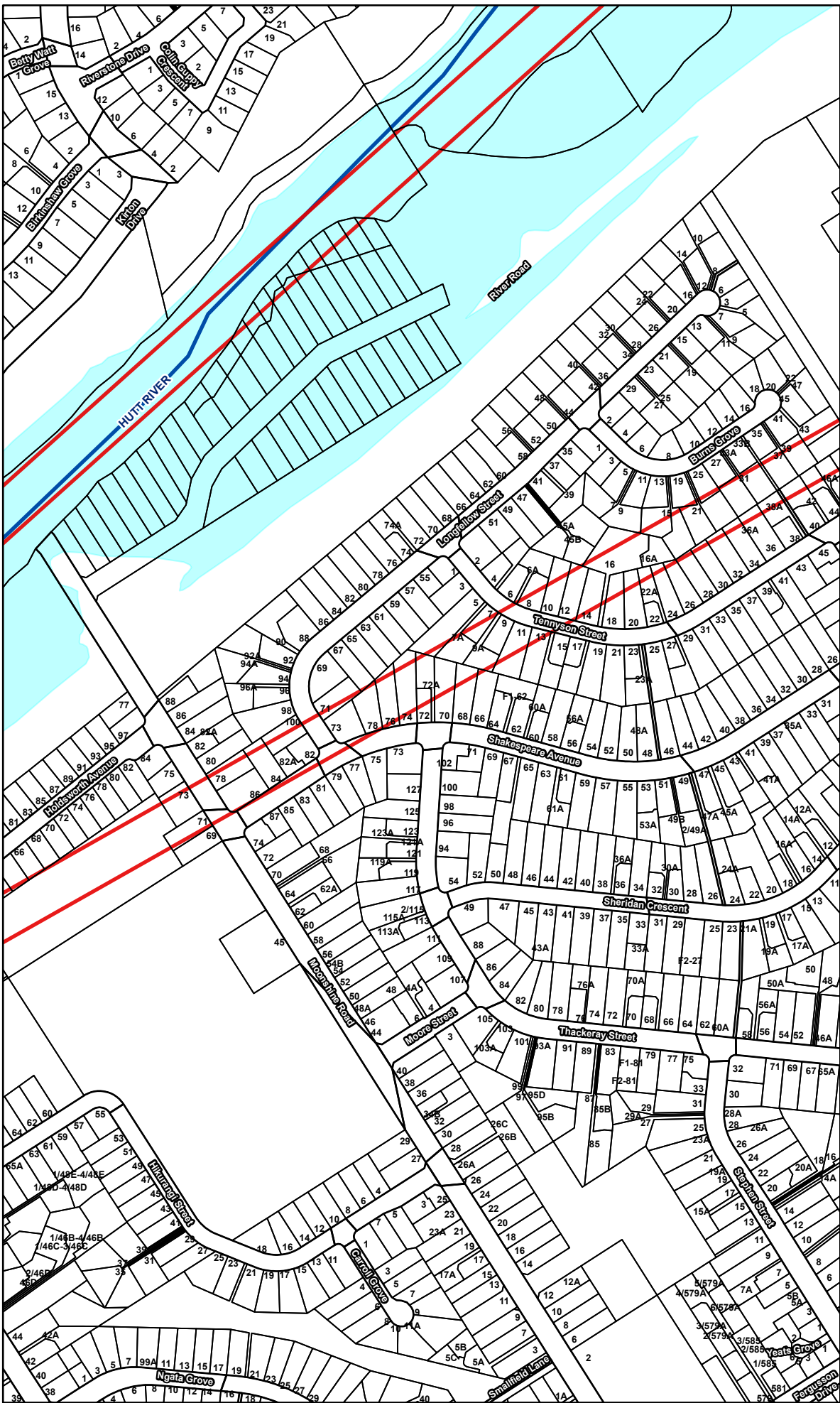
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



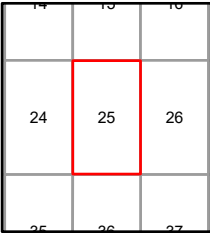
URBAN HAZARD MAP 24



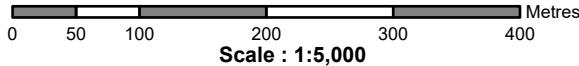
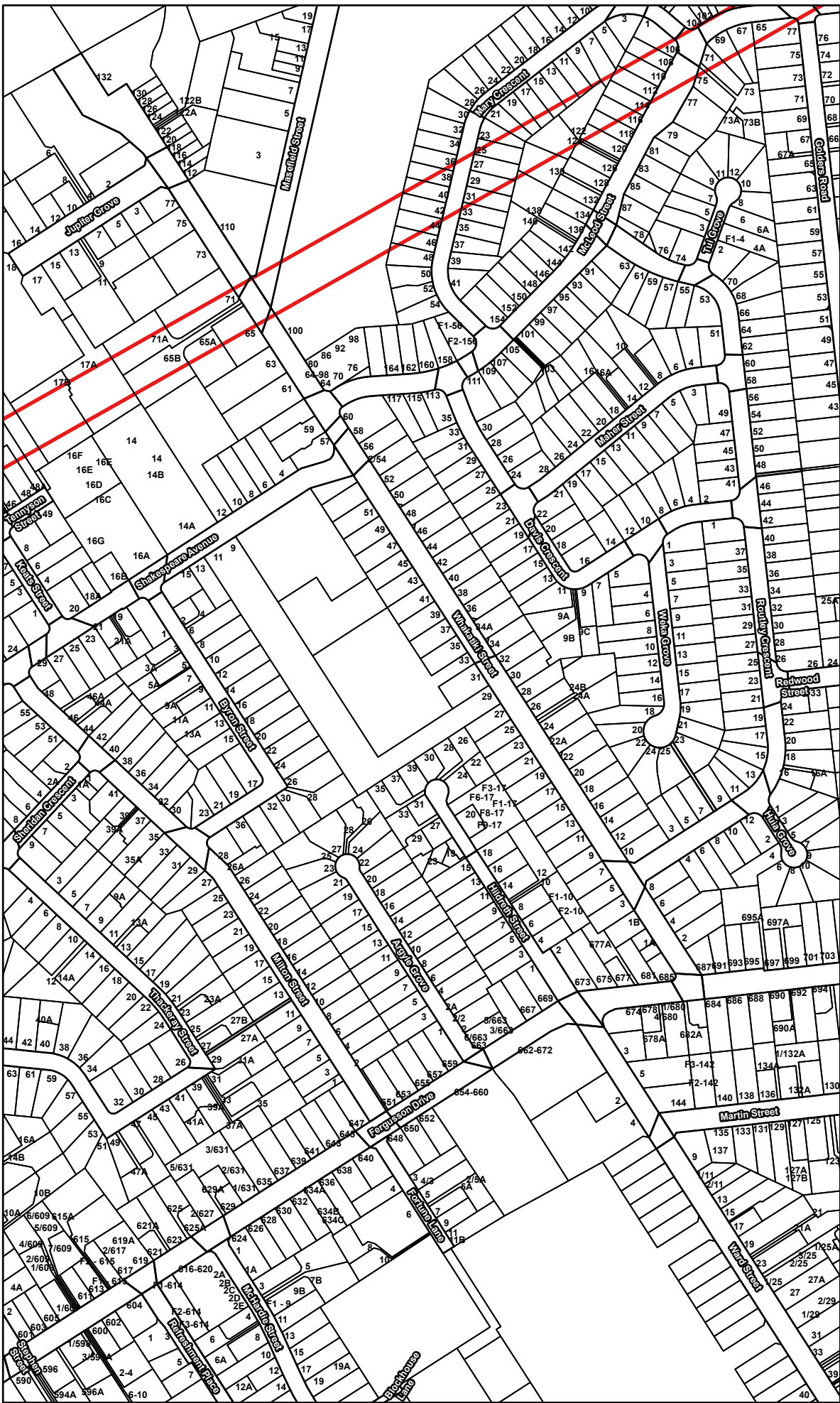
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 25



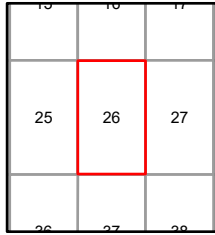
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



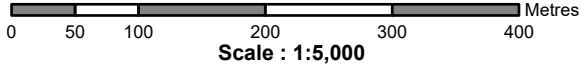
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See Urban Map 25

URBAN HAZARD MAP 26



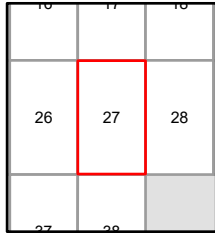
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



October 2021

See Urban Map 26

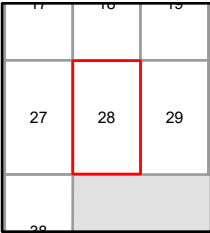
URBAN HAZARD MAP 27



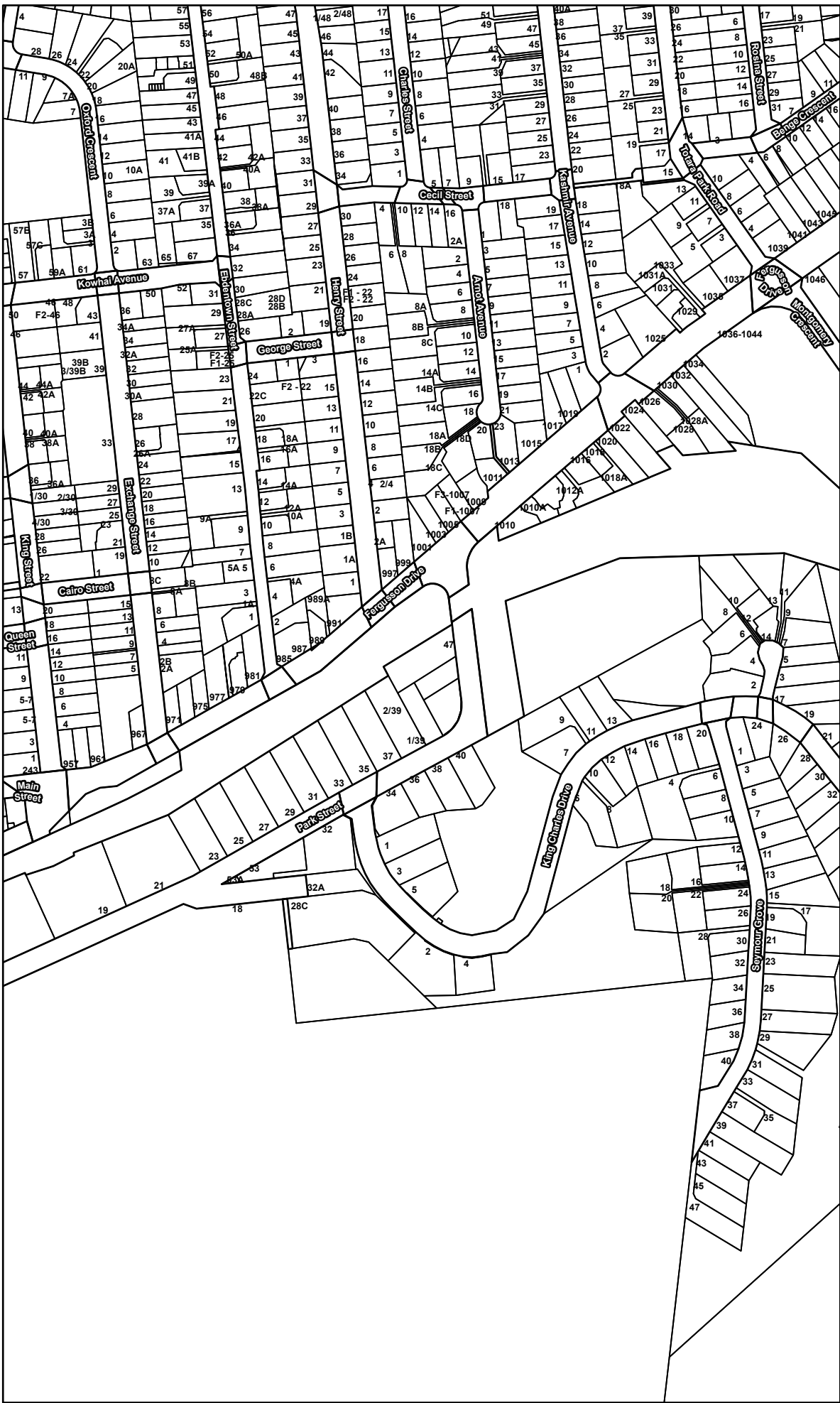
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



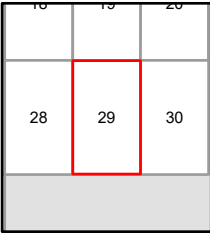
URBAN HAZARD MAP 28



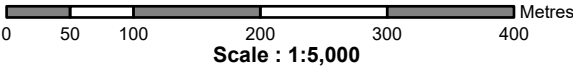
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 29



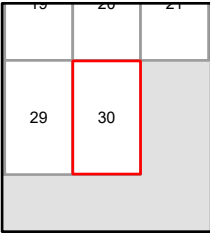
- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band



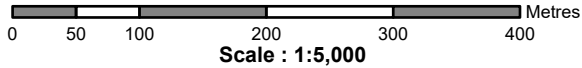
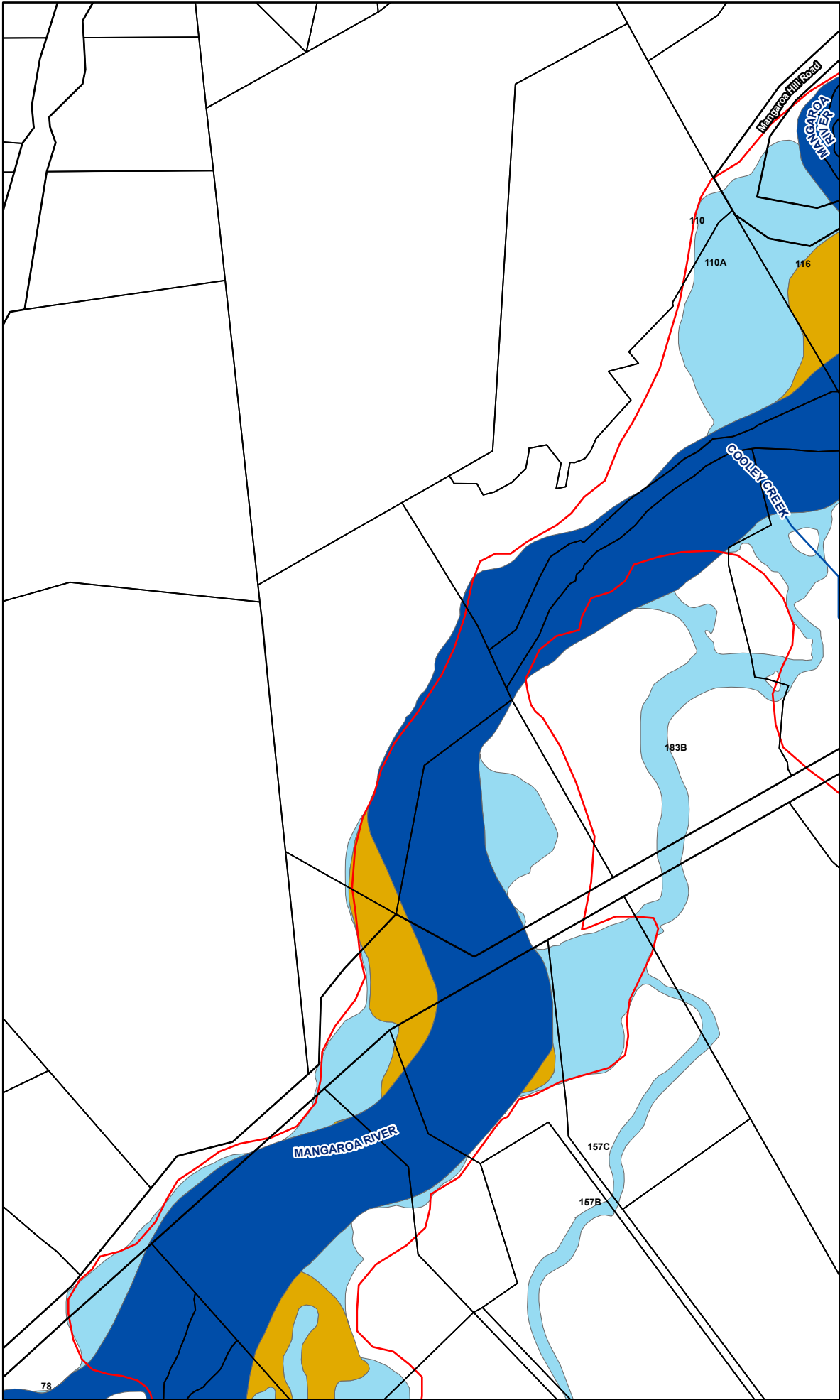
October 2021

See Urban Map 29

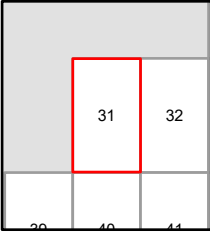
URBAN HAZARD MAP 30



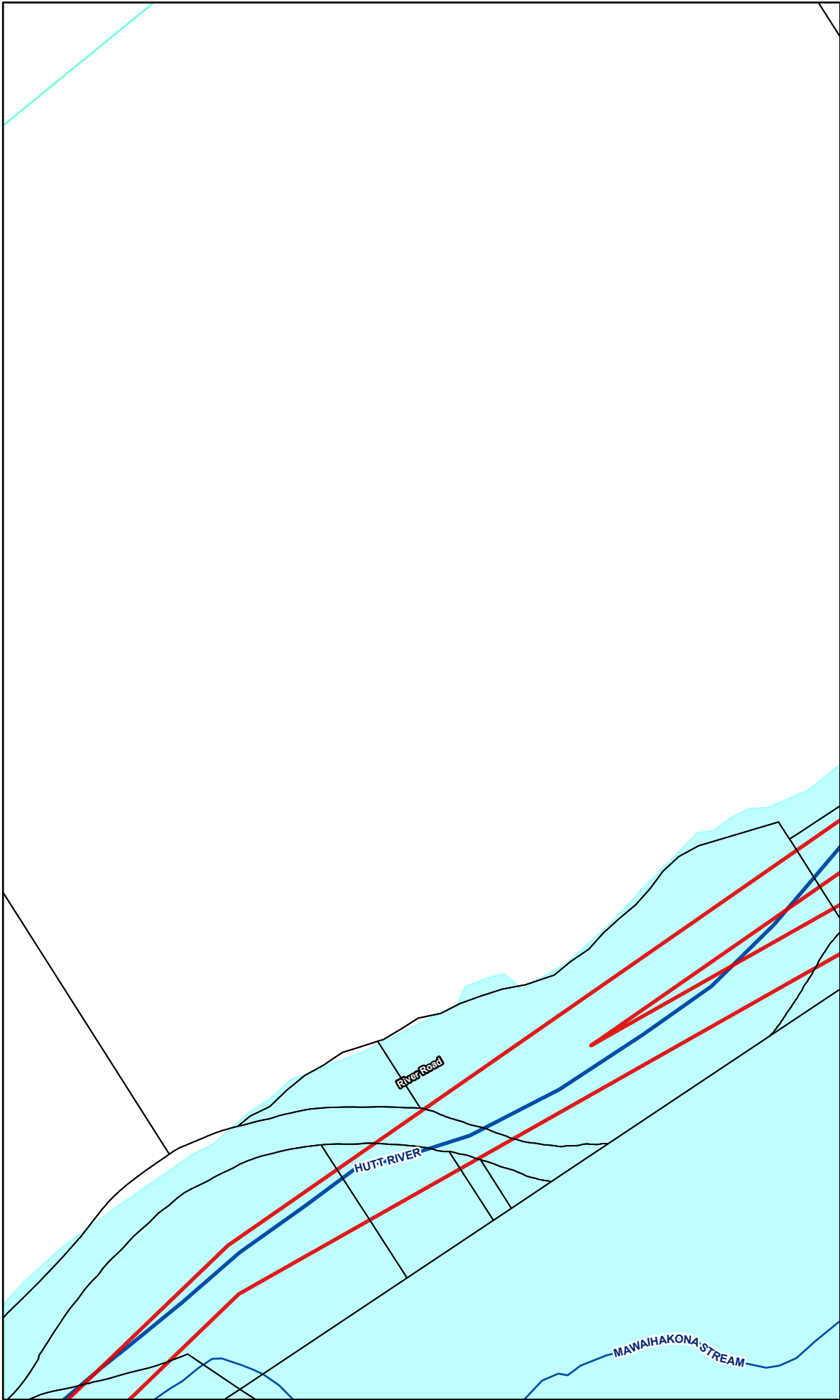
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



**URBAN
HAZARD
MAP
31**



- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band



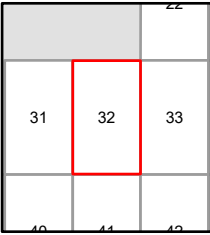
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Scale : 1:5,000

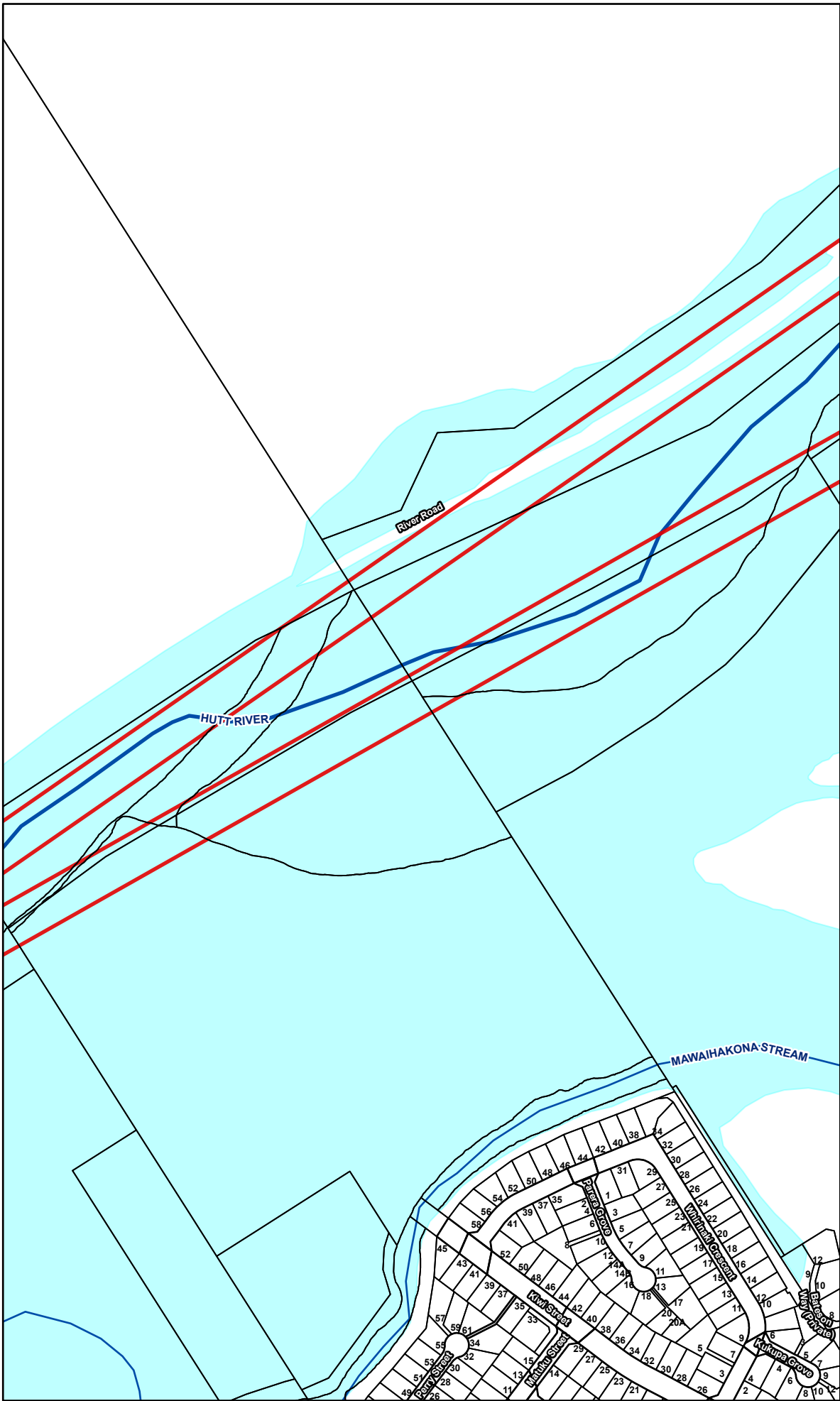
**October
2021**

**See Urban
Map
31**

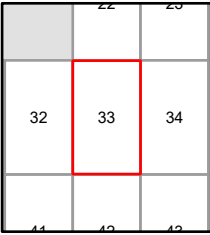
**URBAN
HAZARD
MAP
32**



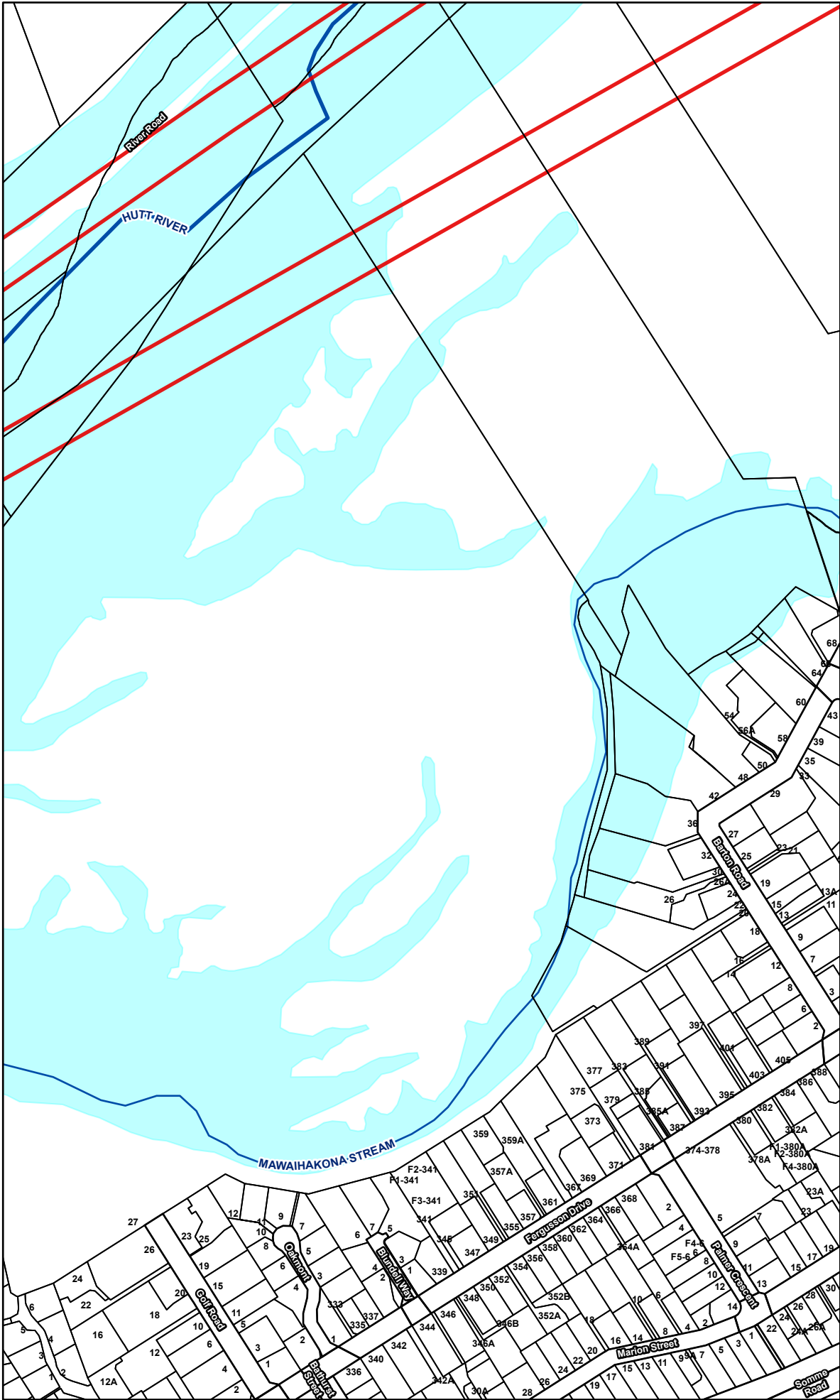
- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band



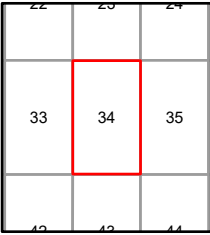
URBAN HAZARD MAP 33



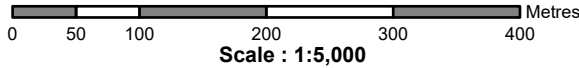
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 34



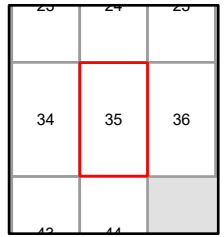
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



October 2021

See Urban Map 34

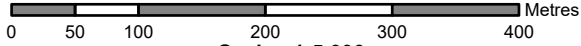
URBAN HAZARD MAP 35



- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



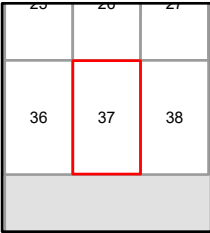





Scale : 1:5,000

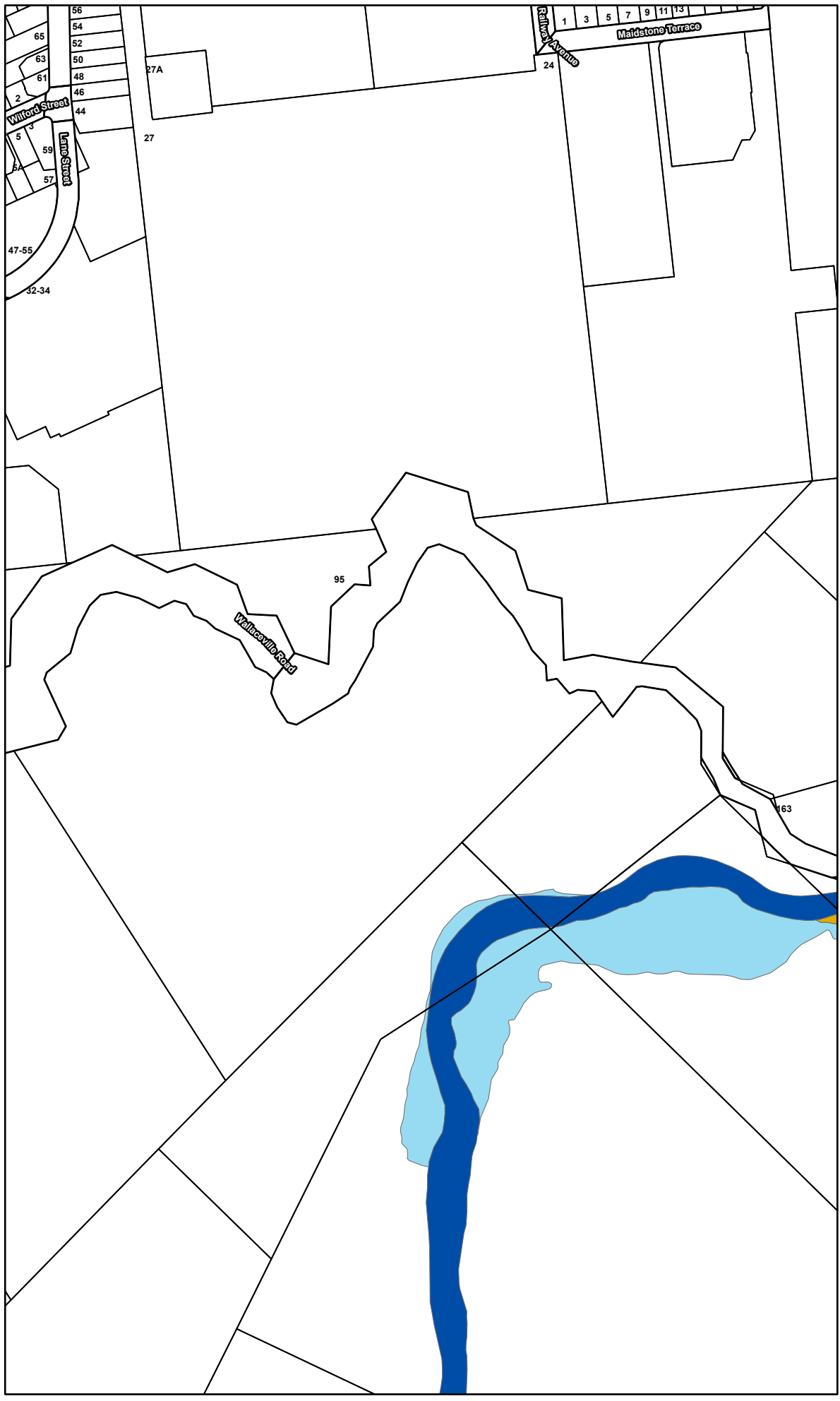
See Urban Map 35

URBAN HAZARD MAP 37

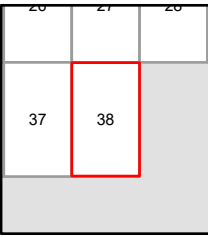


- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band

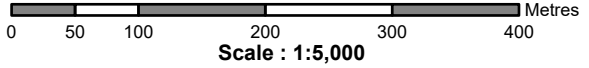




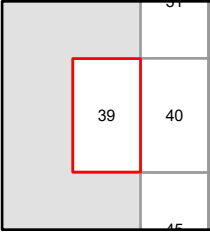
URBAN HAZARD MAP 38



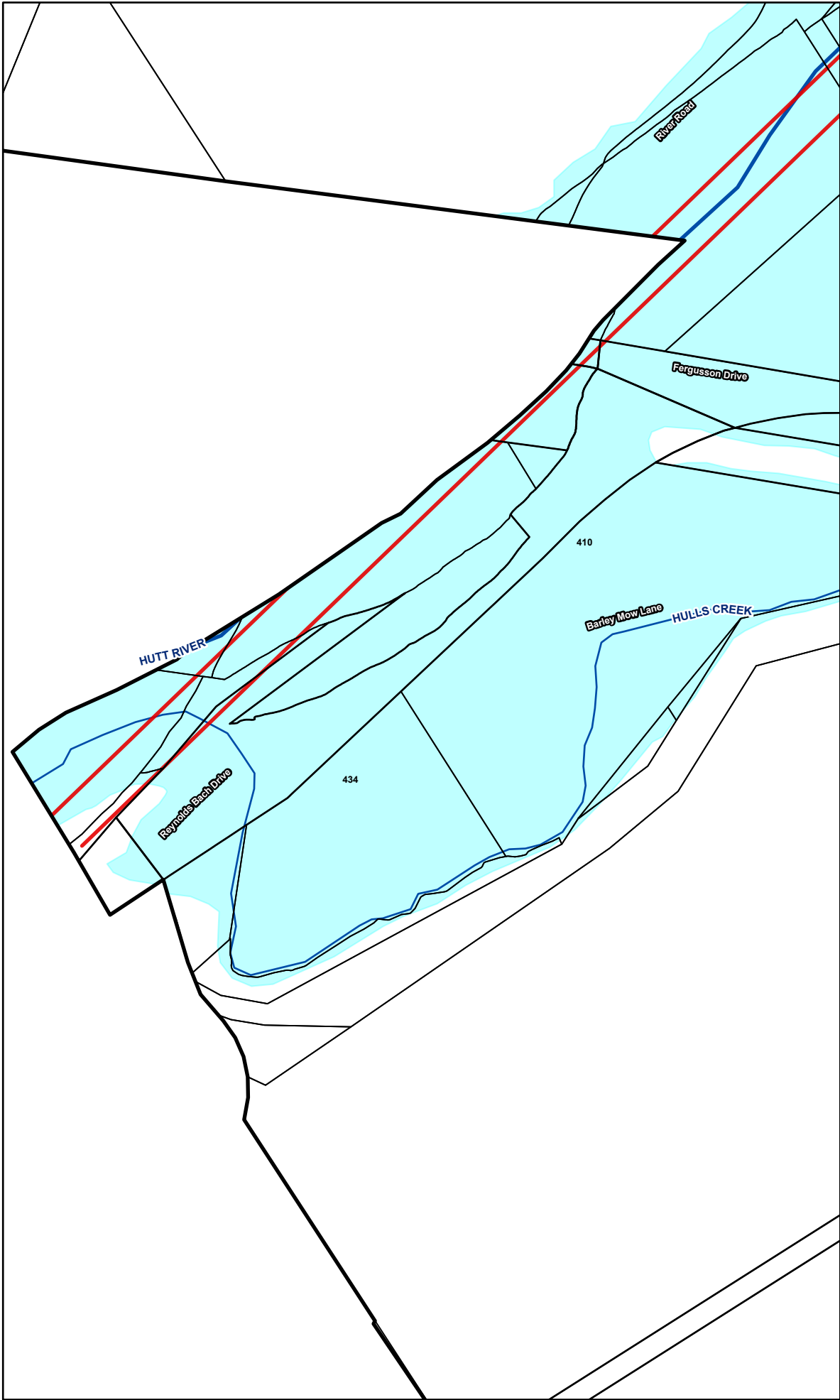
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 39



- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



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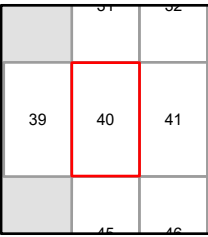
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October 2021

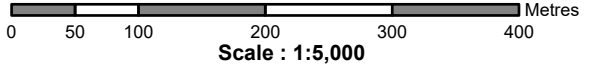
See Urban Map 39



URBAN HAZARD MAP 40



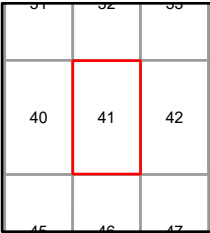
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



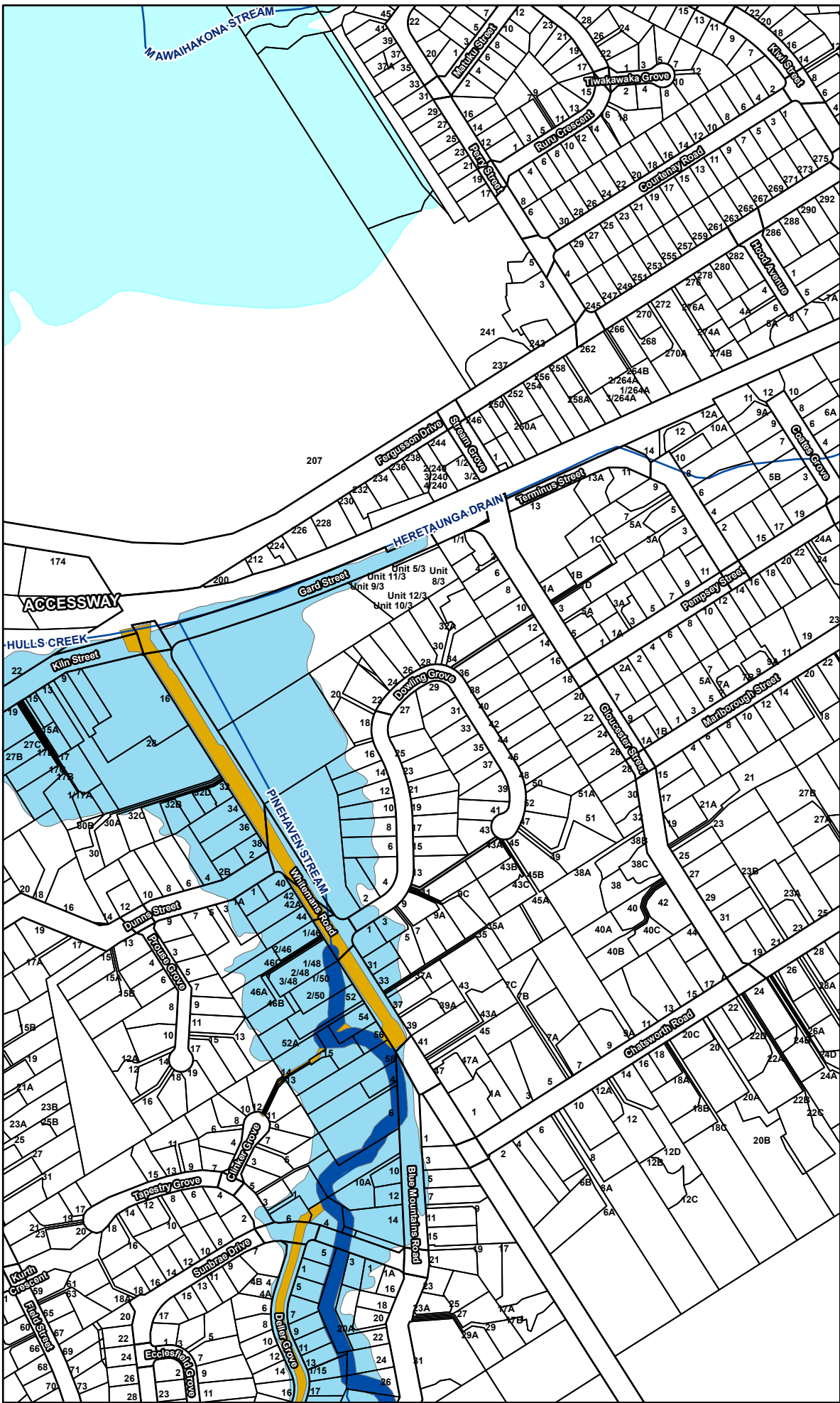
October 2021

See Urban Map 40

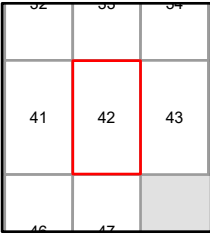
**URBAN
HAZARD
MAP
41**



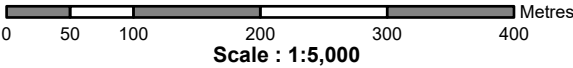
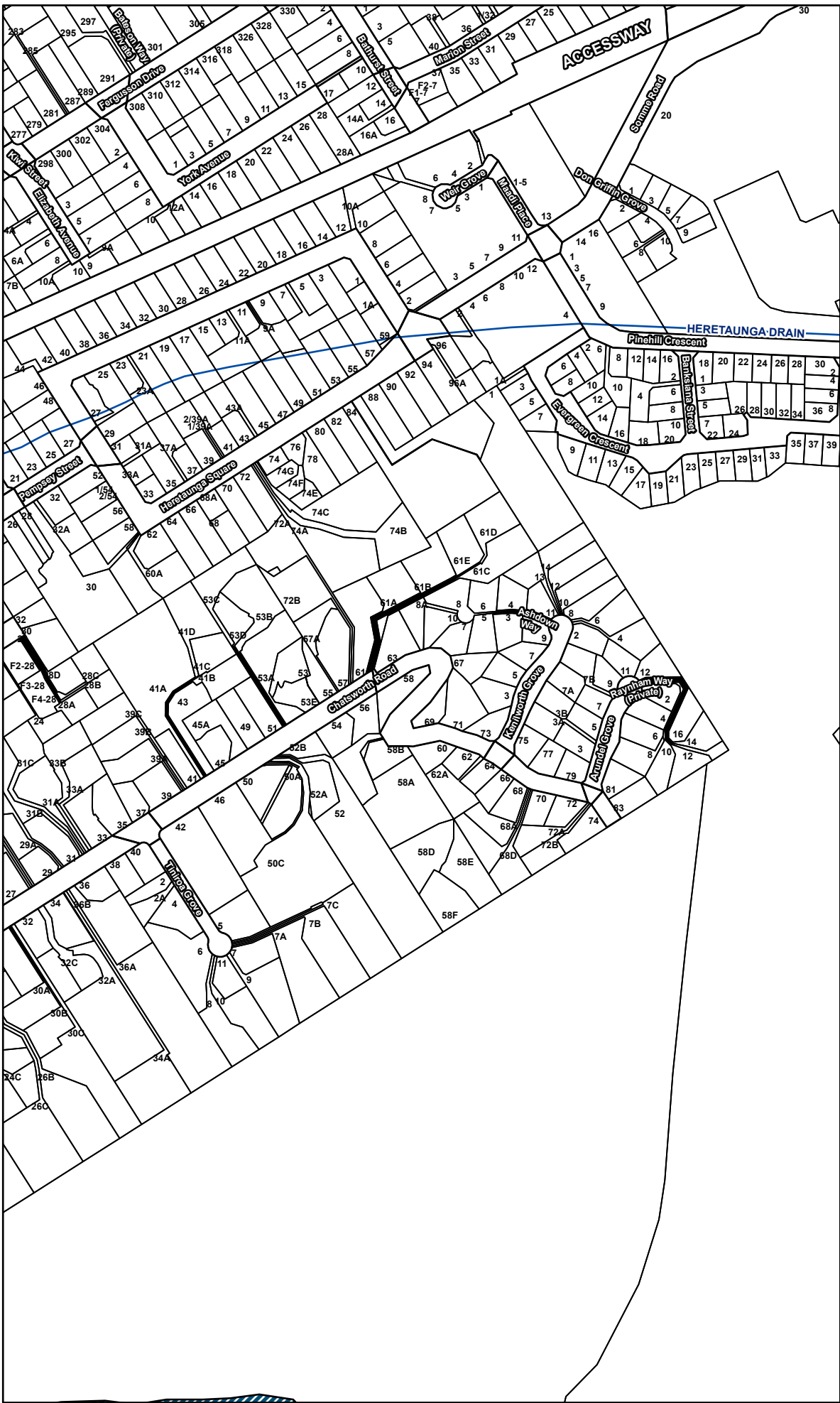
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band

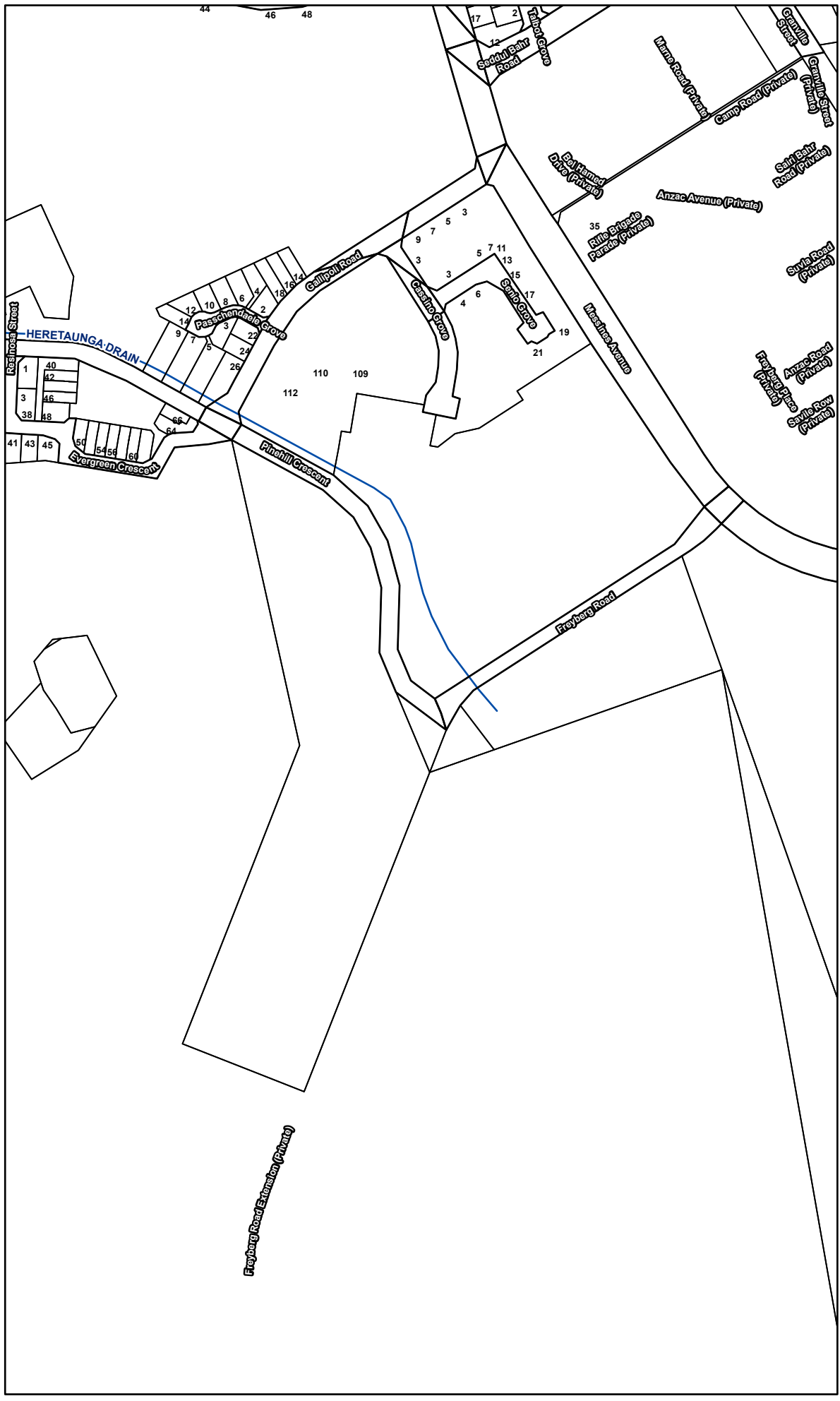


URBAN HAZARD MAP 42

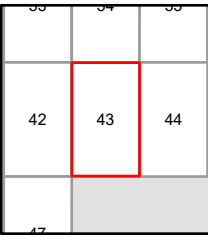


- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band





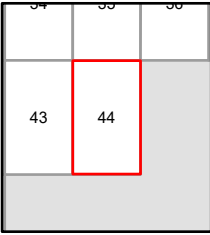
URBAN HAZARD MAP 43



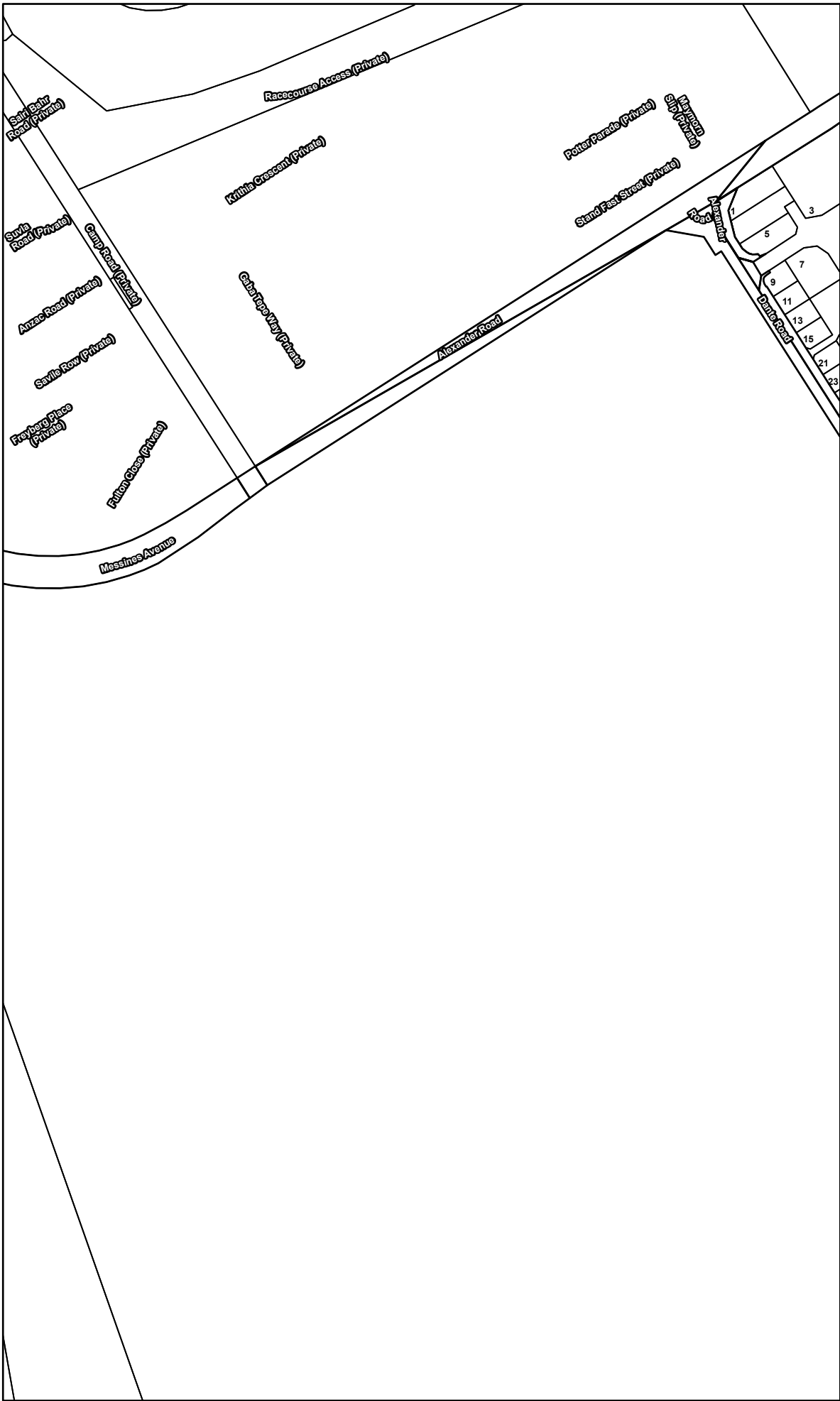
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band

See Urban Map 43

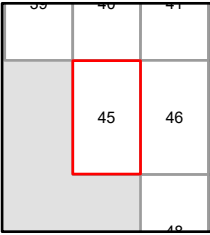
**URBAN
HAZARD
MAP
44**



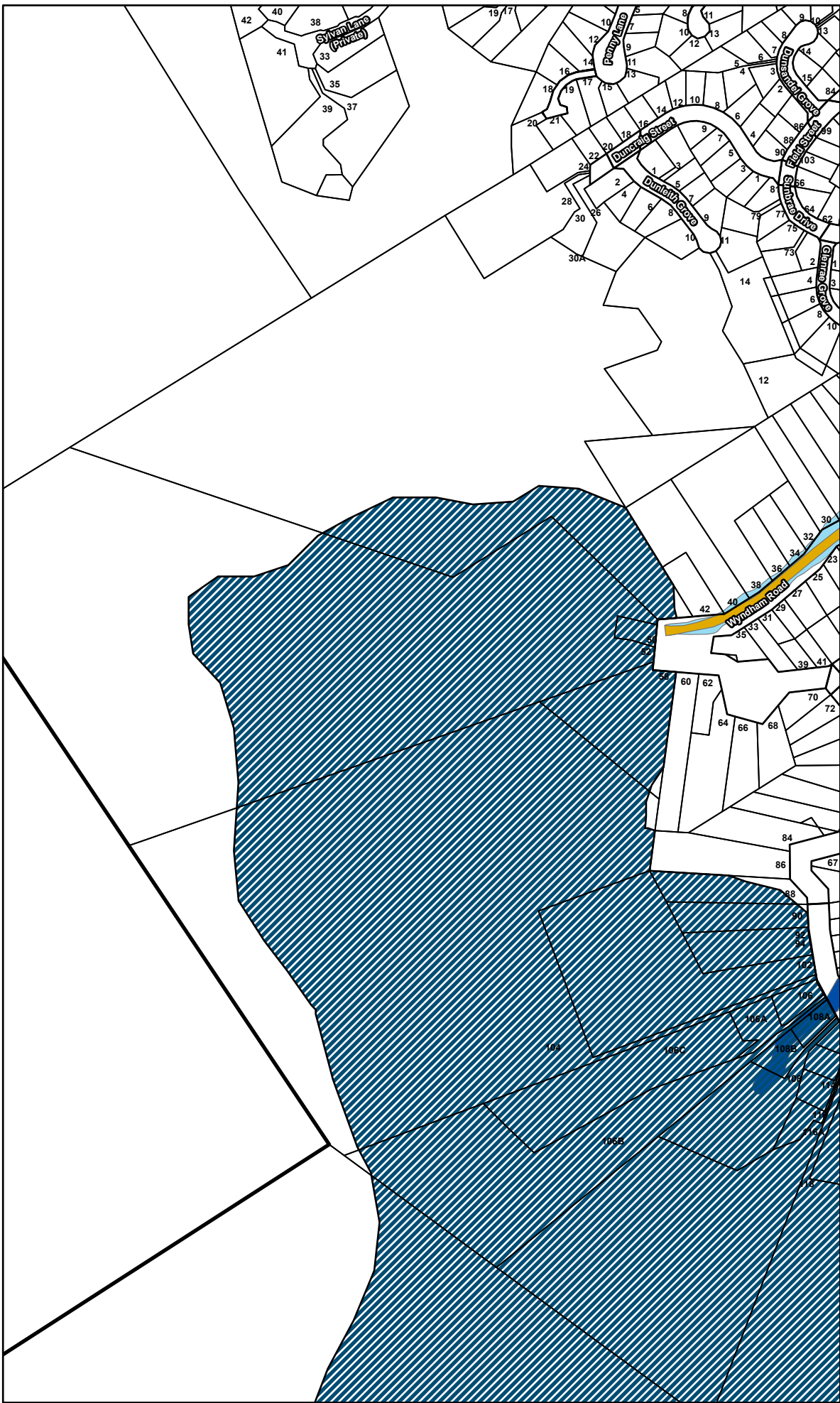
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



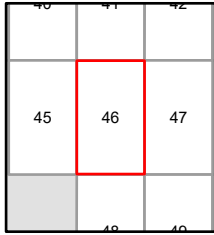
**URBAN
HAZARD
MAP
45**











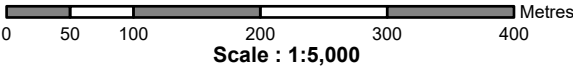
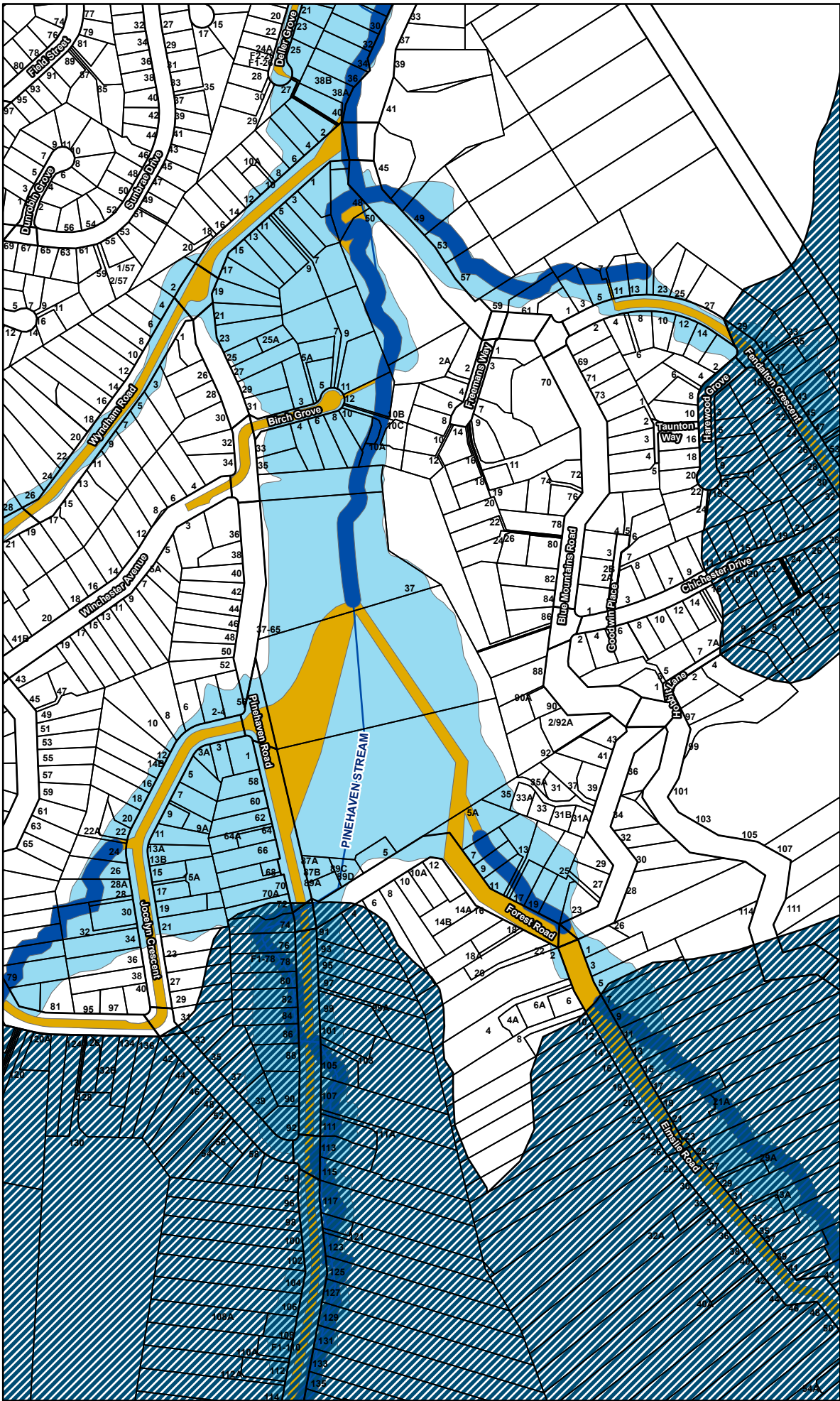
- Features**
- 1 in 100 year flood extent
 - Pinehaven Catchment Overlay
 - Stream / River Corridor
 - Overland Flow / Overflow Path
 - Ponding Area
 - Erosion Hazard Area
 - High Voltage Lines
 - Fault Band



URBAN HAZARD MAP 46



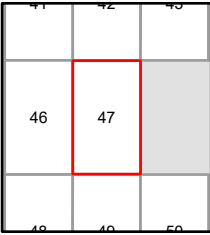
- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band









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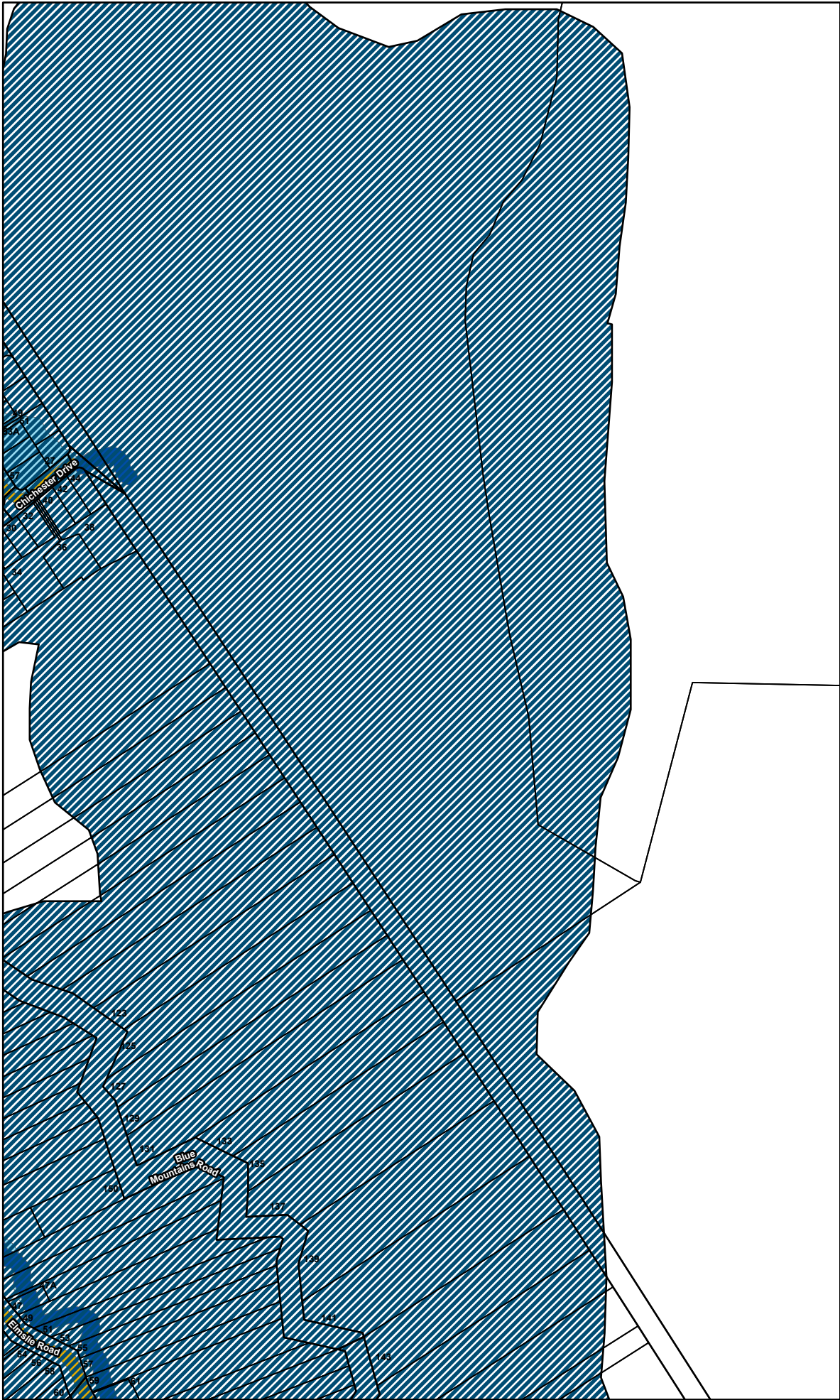
See Urban Map 46

**URBAN
HAZARD
MAP
47**

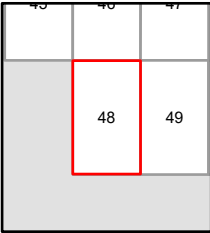


Features

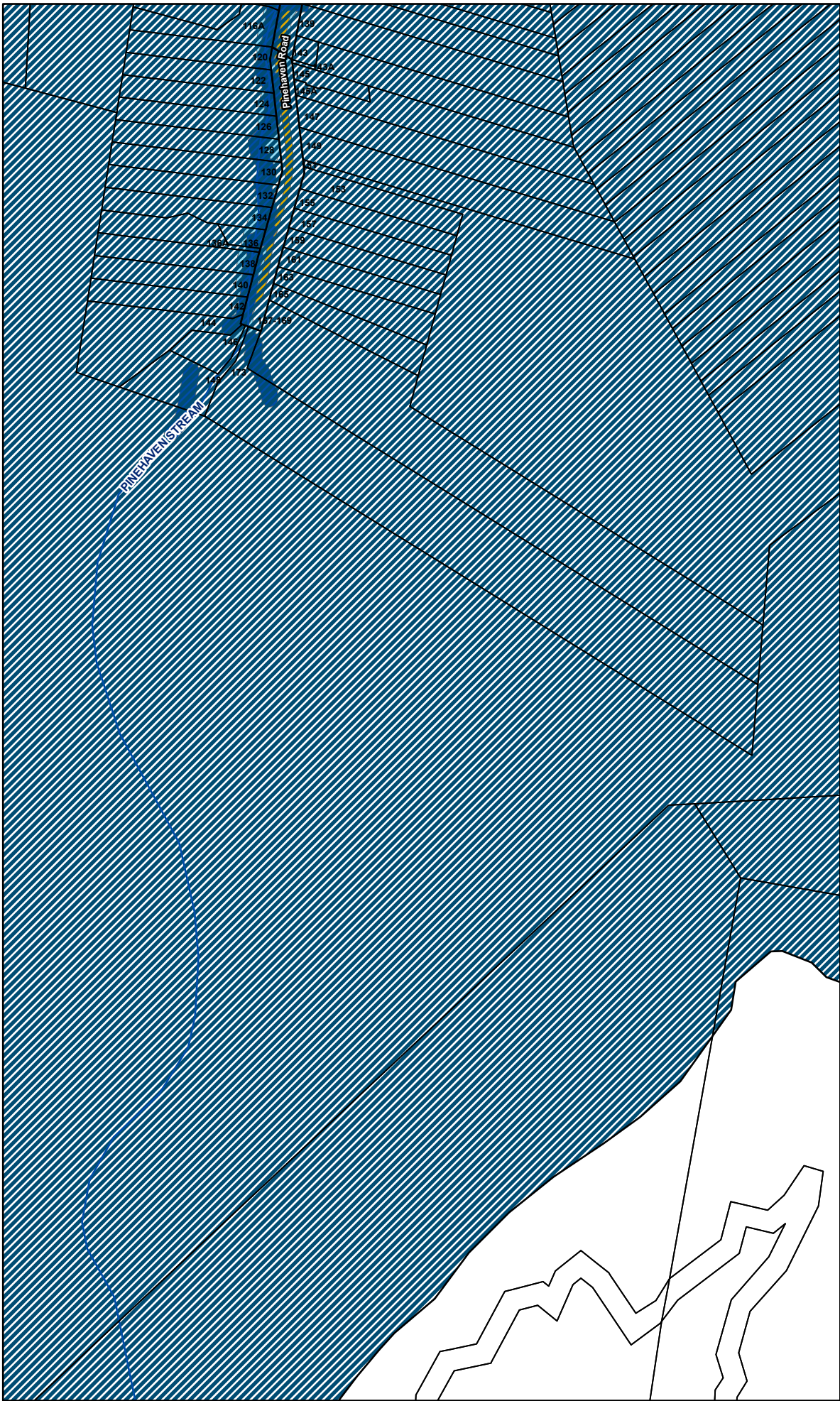
-  1 in 100 year flood extent
-  Pinehaven Catchment Overlay
-  Stream / River Corridor
-  Overland Flow / Overflow Path
-  Ponding Area
-  Erosion Hazard Area
-  High Voltage Lines
-  Fault Band



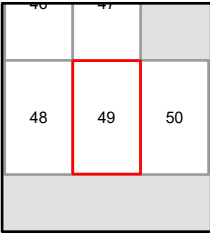
**URBAN
HAZARD
MAP
48**



- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band



URBAN HAZARD MAP 49



- Features**
-  1 in 100 year flood extent
 -  Pinehaven Catchment Overlay
 -  Stream / River Corridor
 -  Overland Flow / Overflow Path
 -  Ponding Area
 -  Erosion Hazard Area
 -  High Voltage Lines
 -  Fault Band

