

---

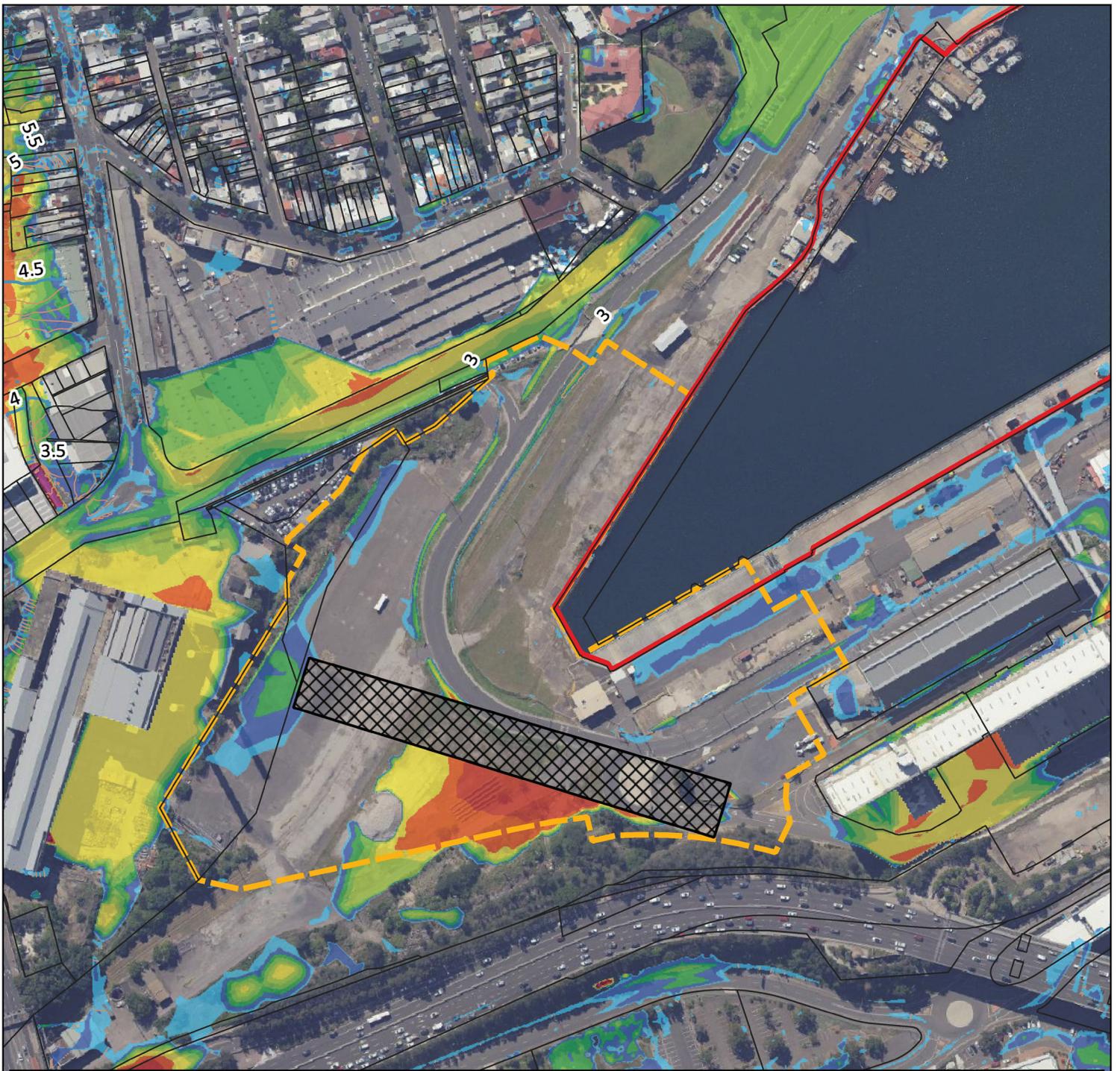
# Appendix D

---

## Updated Flood Mapping

---

# Appendix D Updated Flood Mapping



### Legend

	Construction Boundary	Flood Depth (m)		0.4 - 0.5	
	Tunnel Excavation		<math><0.02</math>		0.5 - 0.75
	Flood Level Major Contour		0.02 - 0.1		0.75 - 1
	Flood Level Minor Contour		0.1 - 0.2		1 - 1.5
			0.2 - 0.3		1.5 - 2
			0.3 - 0.4		>2

TITLE  
 The Bays  
 Figure B-1  
 1% AEP Baseline Flood Depth

PROJECT  
 EDS - SWM - The Bays

0 50 100 m



Date  
17/03/2022

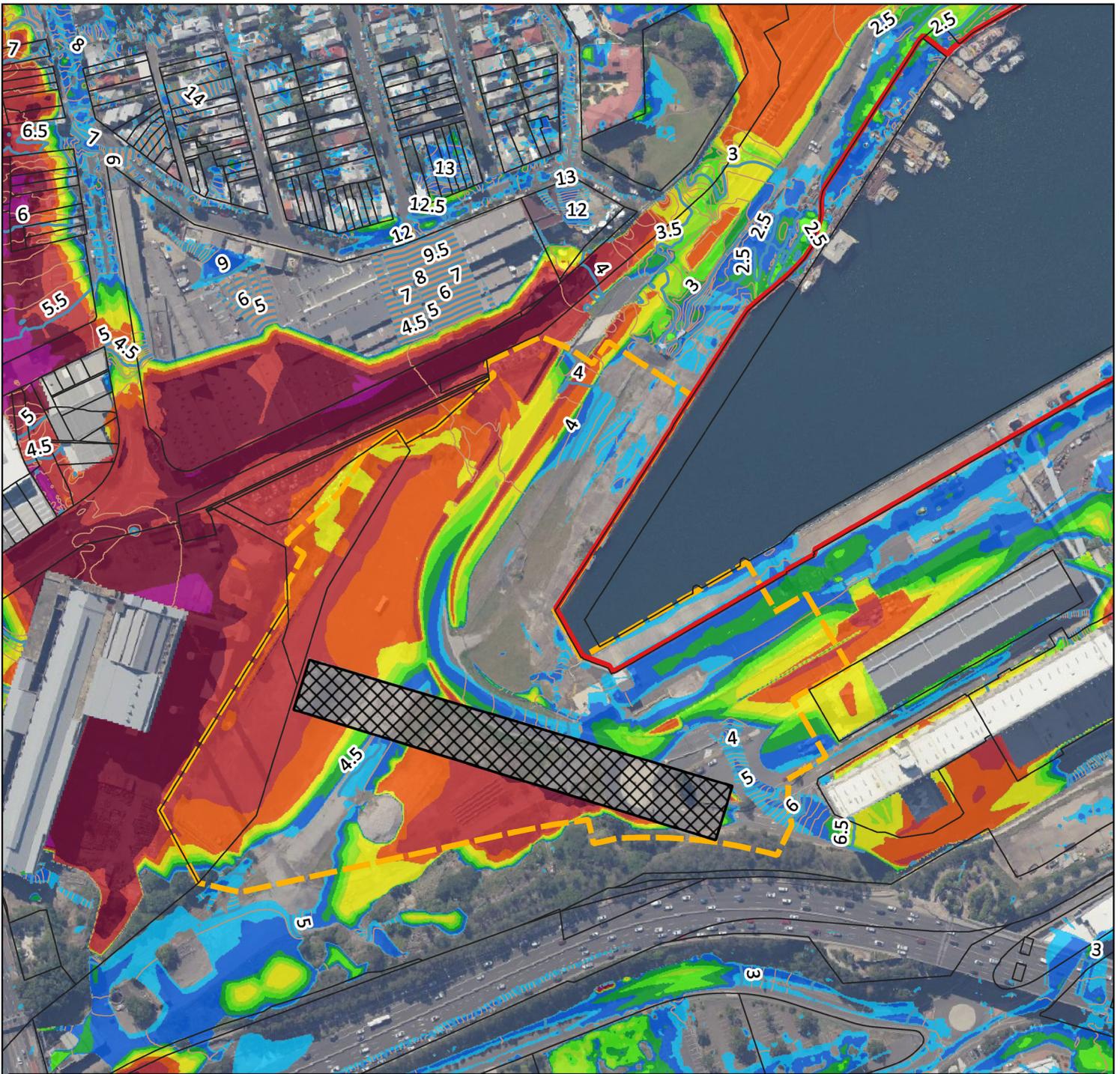
Drawn  
SC

Check  
FH

Approved  
SB

Scale  
1 : 3000

Rev  
1



### Legend

Construction Boundary	Flood Depth (m)	0.4 - 0.5
Tunnel Excavation	<0.02	0.5 - 0.75
Flood Level Major Contour	0.02 - 0.1	0.75 - 1
Flood Level Minor Contour	0.1 - 0.2	1 - 1.5
	0.2 - 0.3	1.5 - 2
	0.3 - 0.4	>2

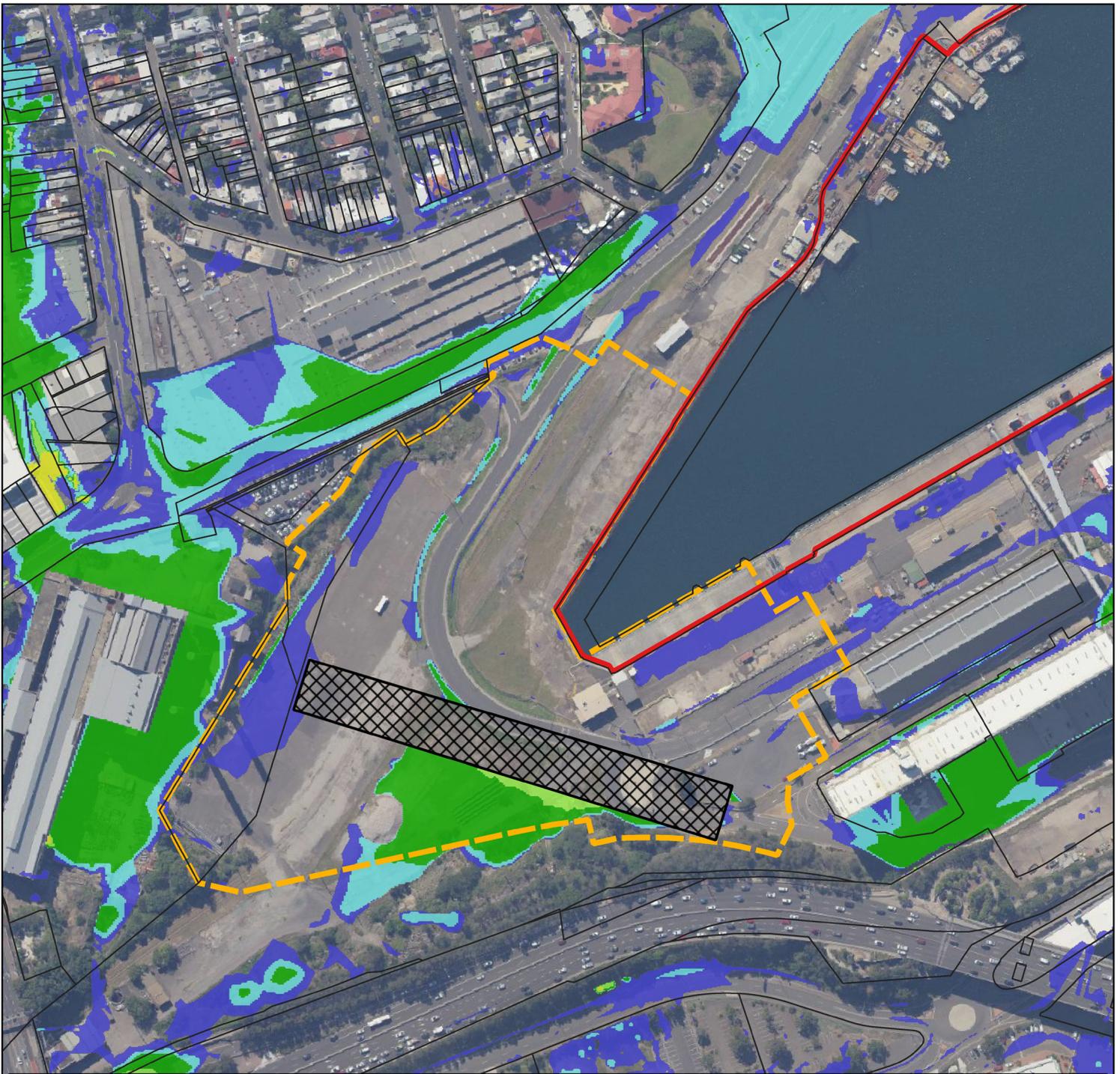
TITLE  
 The Bays  
 Figure B-2  
 PMF Baseline Flood Depth

PROJECT  
 EDS - SWM - The Bays

0 50 100 m



Date 17/03/2022	Drawn SC	Check FH	Approved SB	Scale 1 : 3000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



### Legend

- |  |                       |   |                 |
|--|-----------------------|---|-----------------|
|  | Construction Boundary |  | Flood Hazard H4 |
|  | Tunnel Excavation     |  | H1              |
|  |                       |  | H2              |
|  |                       |  | H3              |
|  |                       |  | H5              |
|  |                       |  | H6              |

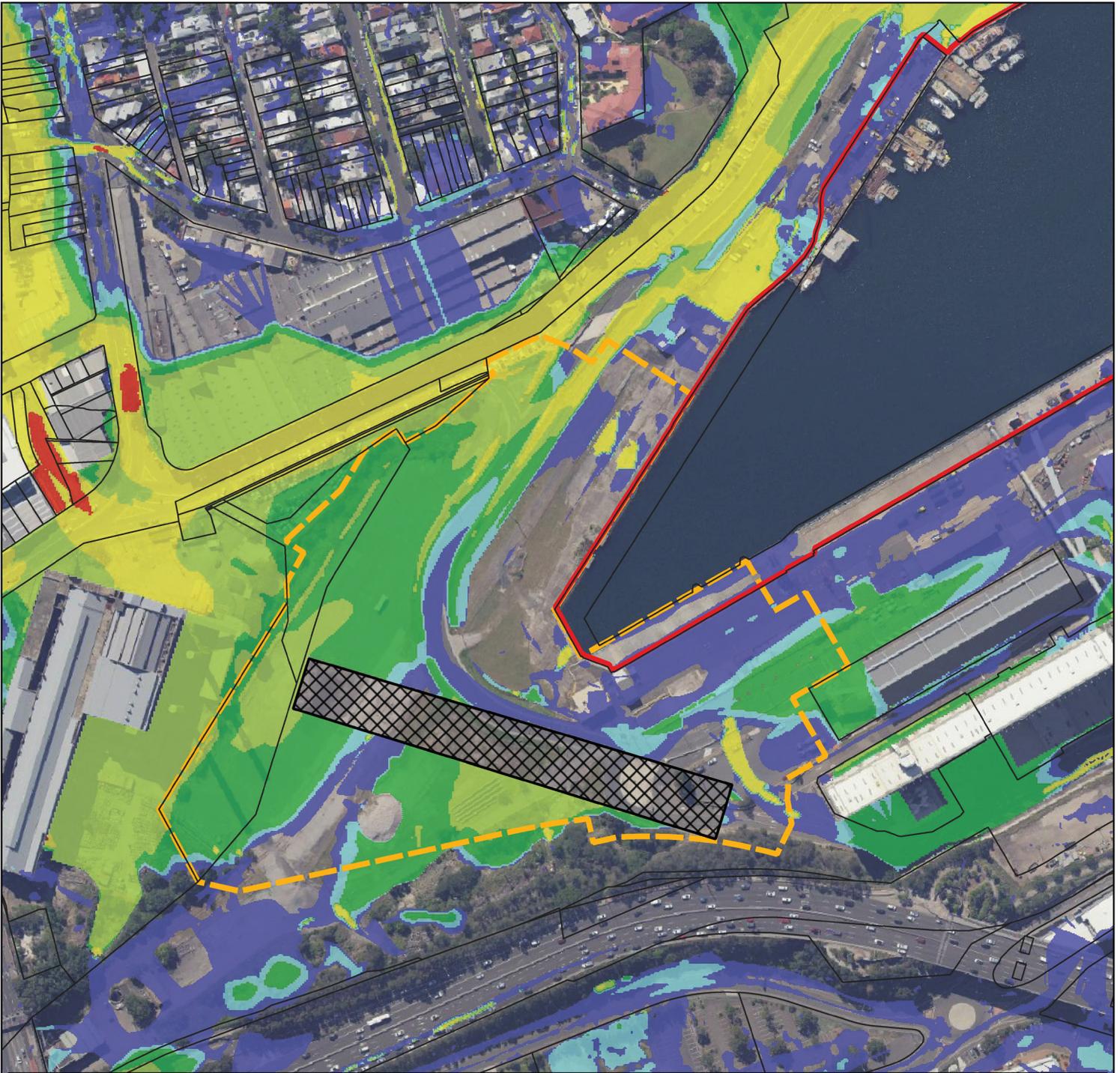
TITLE  
 The Bays  
 Figure B-3  
 1% AEP Baseline Flood Hazard

PROJECT  
 EDS - SWM - The Bays

0 50 100 m



Date 17/03/2022	Drawn SC	Check FH	Approved SB	Scale 1 : 3000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



### Legend

- |  |                       |   |                 |   |    |
|--|-----------------------|---|-----------------|---|----|
|  | Construction Boundary |  | Flood Hazard H1 |  | H4 |
|  | Tunnel Excavation     |  | H2              |  | H5 |
|  |                       |  | H3              |  | H6 |

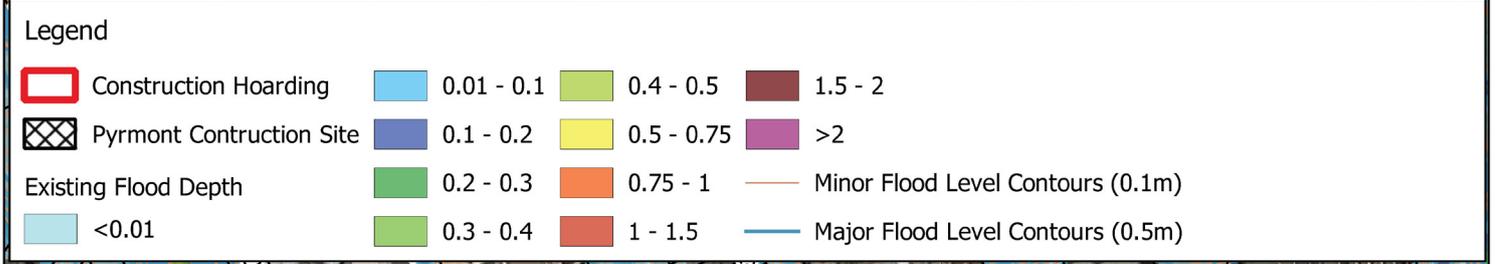
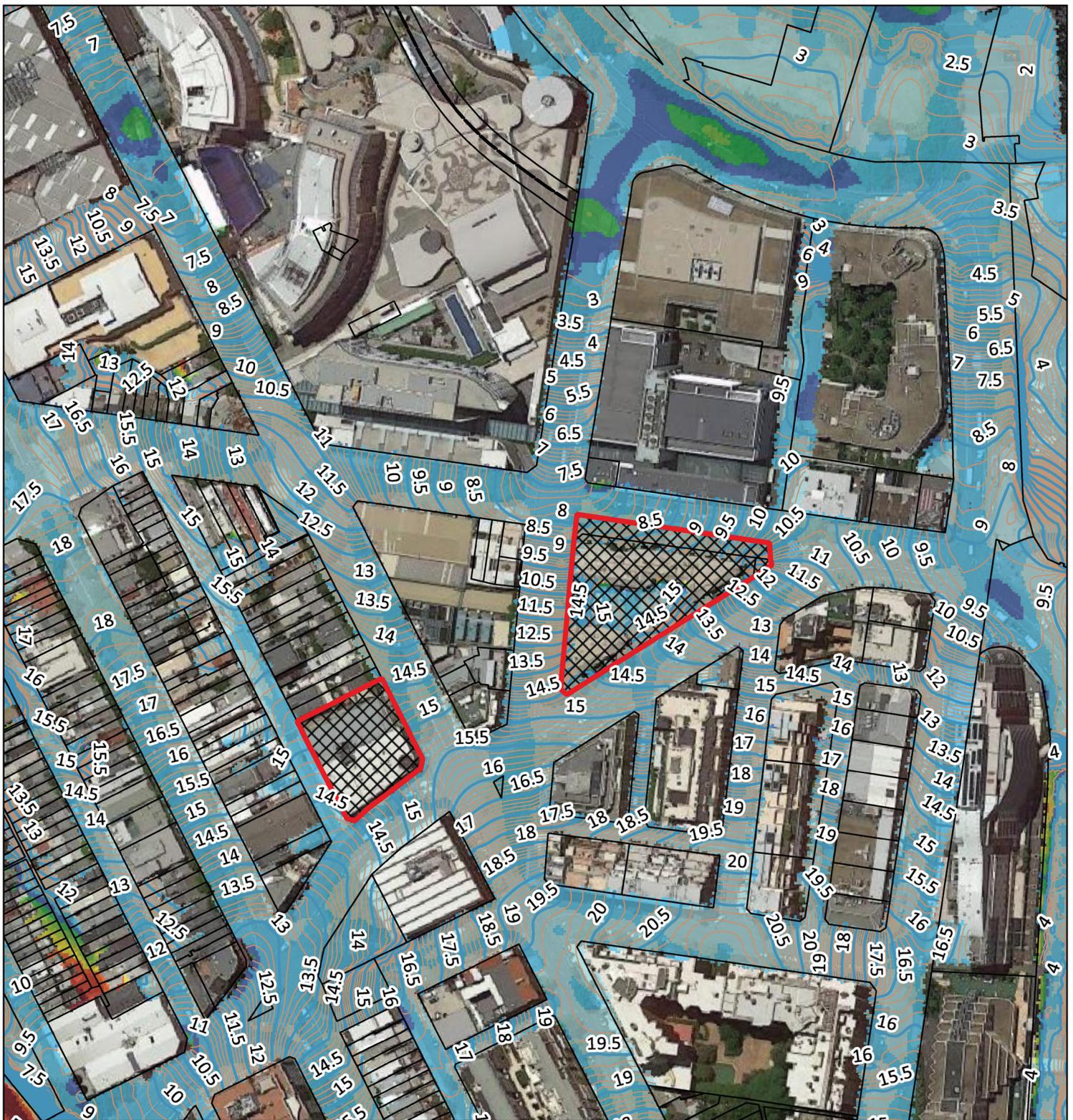
**TITLE**  
 The Bays  
 Figure B-4  
 PMF Baseline Flood Hazard

**PROJECT**  
 EDS - SWM - The Bays

0 50 100 m



Date 17/03/2022	Drawn SC	Check FH	Approved SB	Scale 1 : 3000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



**TITLE**  
Figure B-5  
1% AEP Baseline Stage Depth

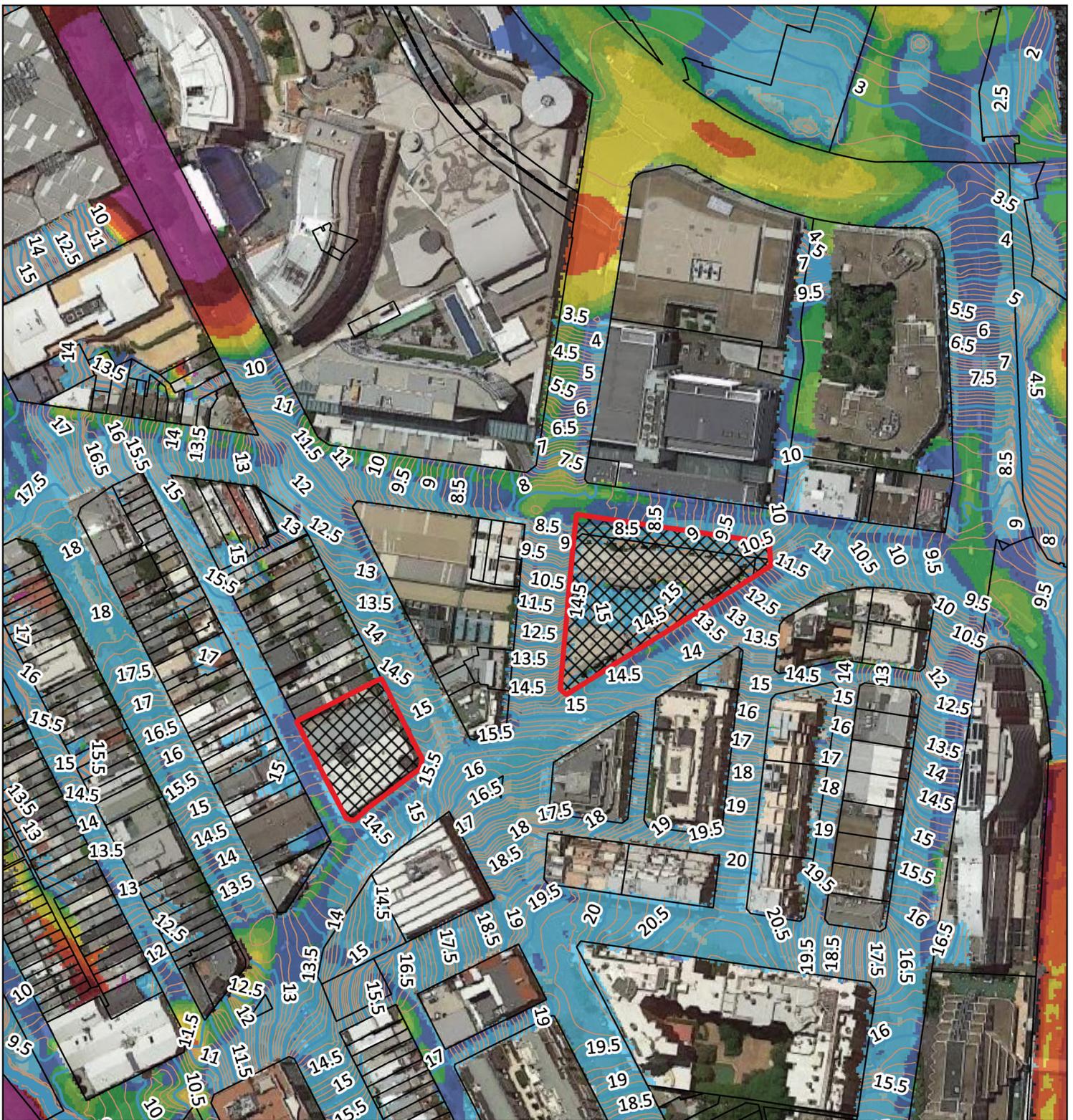
**PROJECT**  
EDS-SWM- Pyrmont Station

0 0.1 0.2 km





Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------

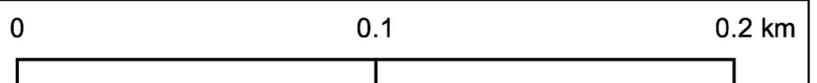


Legend

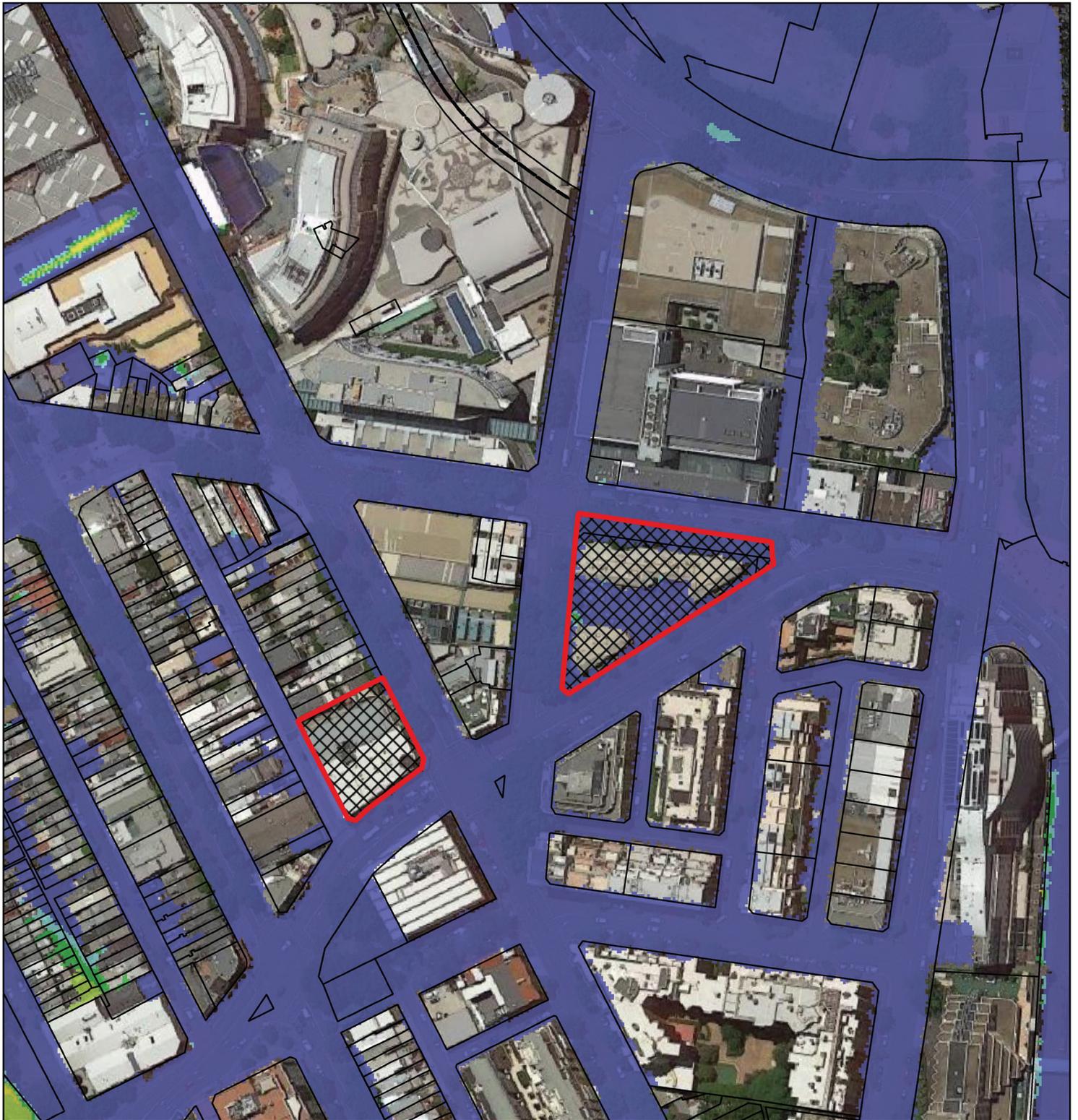
- |  |                           |   |            |   |            |   |         |
|--|---------------------------|---|------------|---|------------|---|---------|
|  | Construction Hoarding     |  | 0.01 - 0.1 |  | 0.4 - 0.5  |                                    | 1.5 - 2 |
|  | Pyrmont Construction Site |  | 0.1 - 0.2  |  | 0.5 - 0.75 |                                    | >2      |
| Existing Flood Depth   |                           |  | 0.2 - 0.3  |  | 0.75 - 1   |  Minor Flood Level Contours (0.1m) |         |
|  | <0.01                     |  | 0.3 - 0.4  |  | 1 - 1.5    |  Major Flood Level Contours (0.5m) |         |

TITLE  
Figure B-6  
PMF Baseline Depth

PROJECT  
EDS-SWM- Pyrmont Station



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



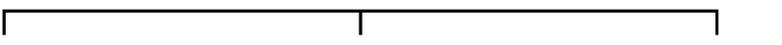
Legend

- |  |                           |  |  |  |
|--|---------------------------|--|--|--|
|  | Construction Hoarding     | Flood Hazard   |  H2 |  H5 |
|  | Pyrmont Construction Site |  H1 |  H3 |  H6 |
|  |                           |  |  H4 |  |

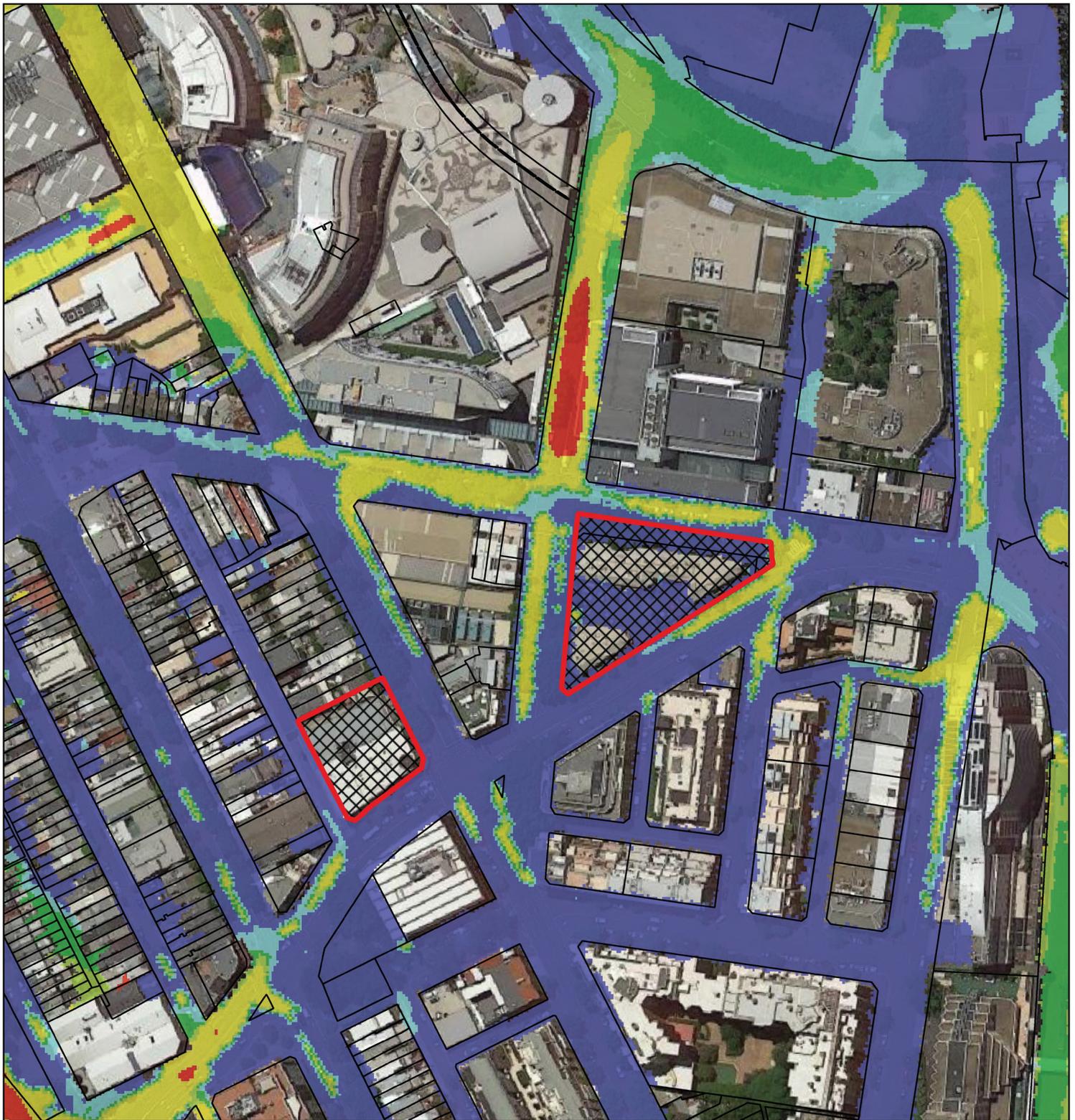
TITLE  
Figure B-7  
1% AEP Baseline Hazard

PROJECT  
EDS-SWM- Pyrmont Station

0 0.1 0.2 km



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



Legend

- |  |                           |   |              |   |    |   |    |
|--|---------------------------|---|--------------|---|----|---|----|
|  | Construction Hoarding     |  | Flood Hazard |  | H2 |  | H5 |
|  | Pyrmont Construction Site |  | H1           |  | H3 |  | H6 |
|  |                           |   |              |  | H4 |   |    |

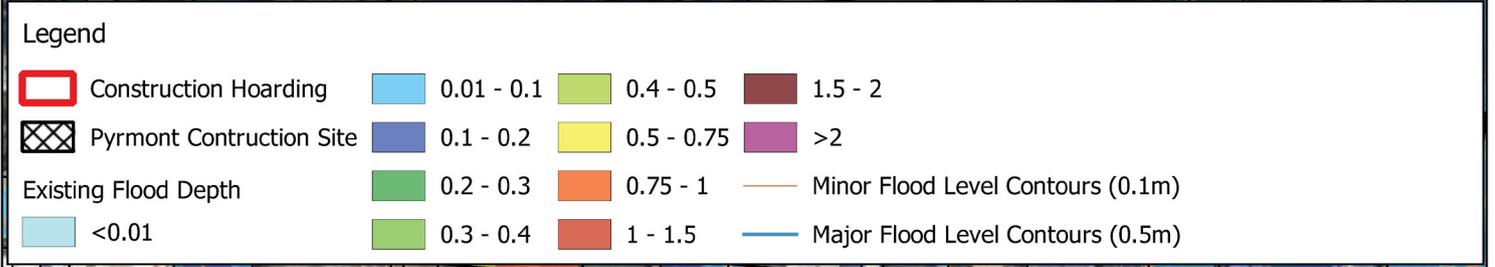
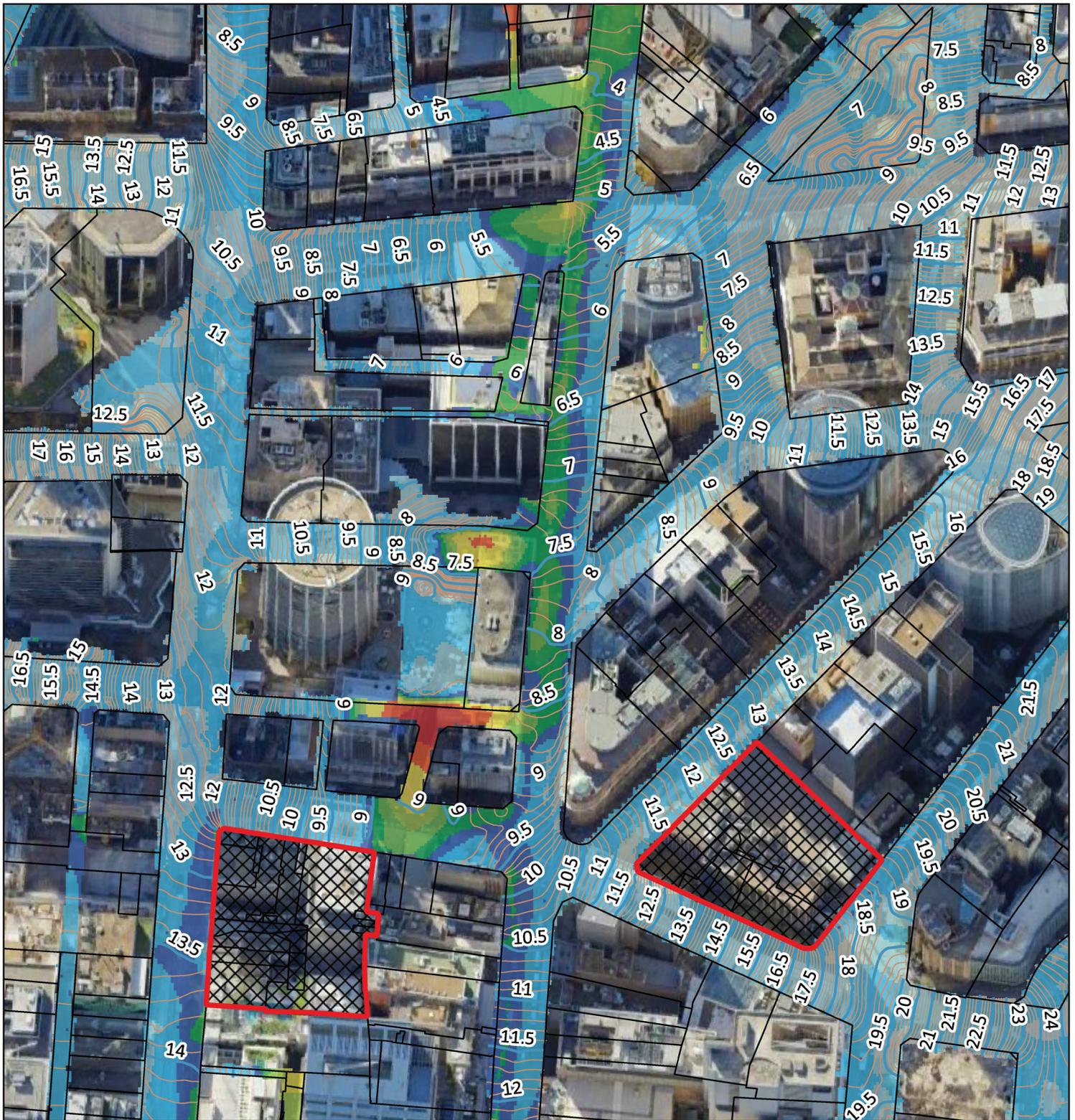
TITLE  
Figure B-8  
PMF Baseline Hazard

PROJECT  
EDS-SWM- Pyrmont Station

0 0.1 0.2 km



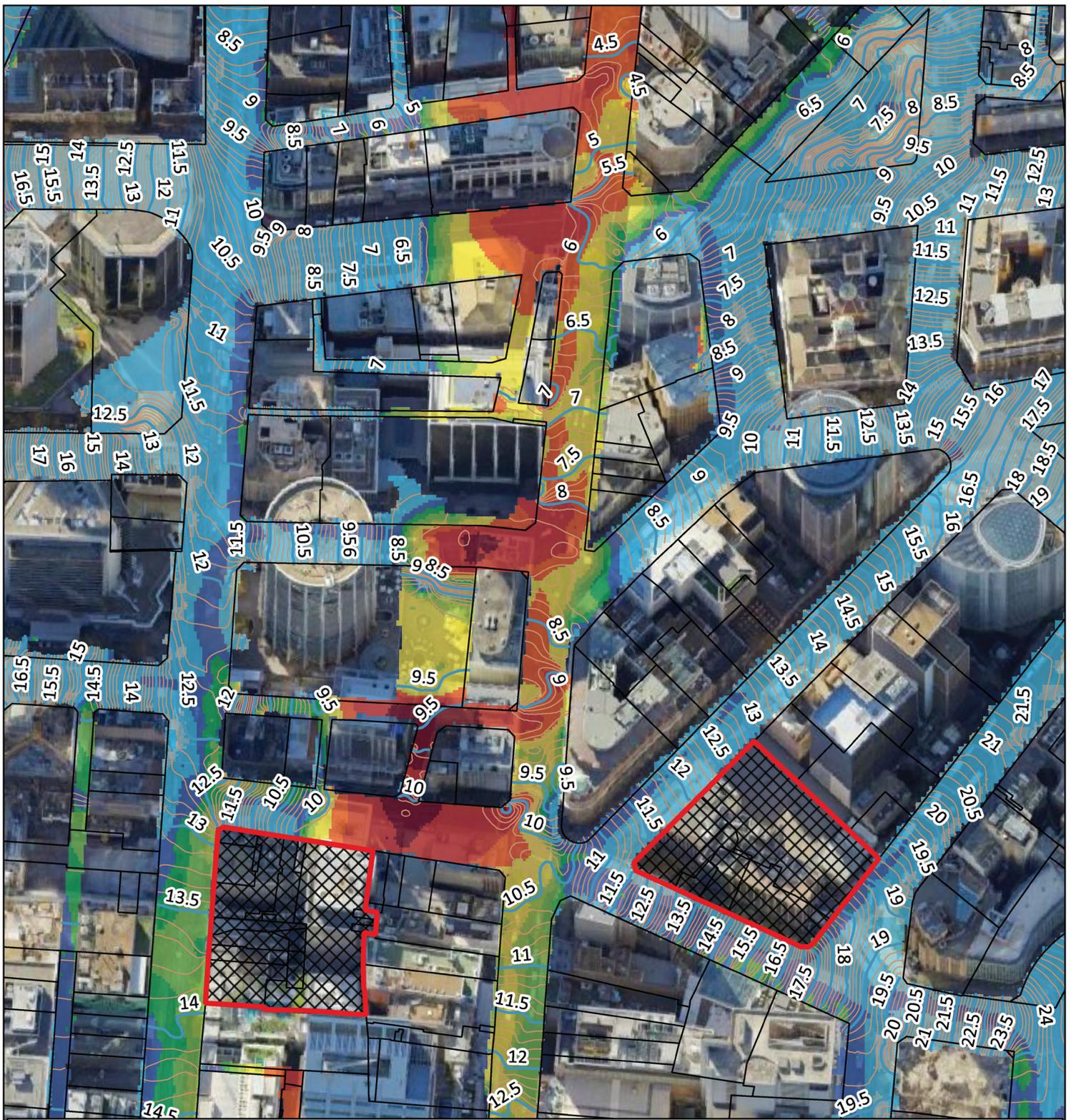
Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



**TITLE**  
Figure B-9  
1% AEP Baseline Stage Depth

**PROJECT**  
EDS-SWM- Hunter St Station

Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------

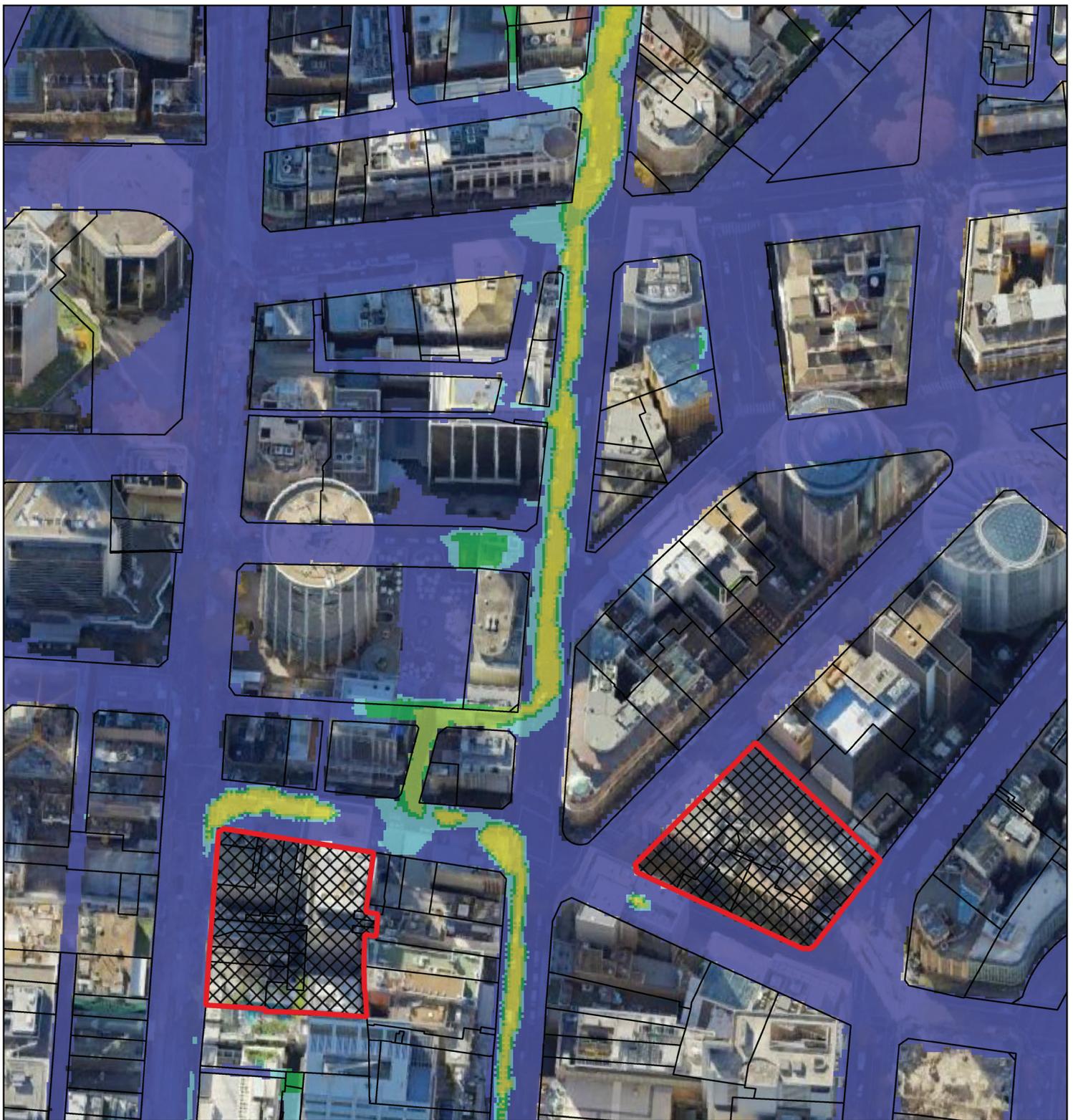


Legend			
	Construction Hoarding		0.01 - 0.1
	Pyrmont Construction Site		0.4 - 0.5
	Existing Flood Depth		0.5 - 0.75
	<math>< 0.01</math>		> 2
	0.2 - 0.3		0.75 - 1
	0.3 - 0.4		1 - 1.5
			Minor Flood Level Contours (0.1m)
			Major Flood Level Contours (0.5m)

**TITLE**  
Figure B-10  
PMF Baseline Depth

**PROJECT**  
EDS-SWM- Hunter St Station

Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------

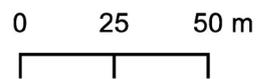


Legend

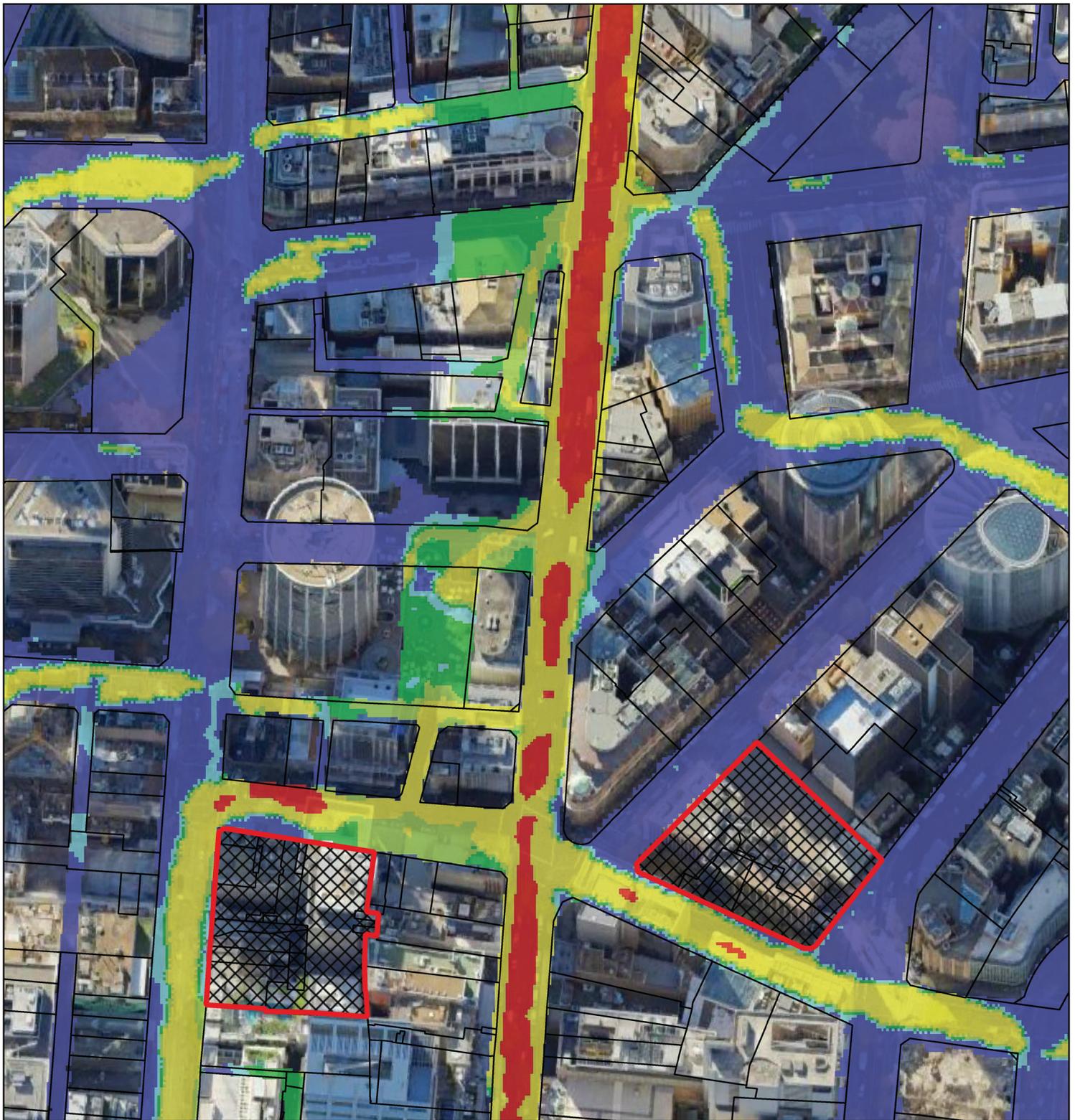
- Construction Hoarding
- Pyrmont Construction Site
- Flood Hazard
- H1
- H2
- H3
- H4
- H5
- H6

TITLE  
Figure B-11  
1% AEP Baseline Hazard

PROJECT  
EDS-SWM- Hunter St Station



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------

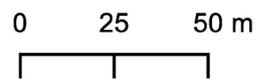


Legend

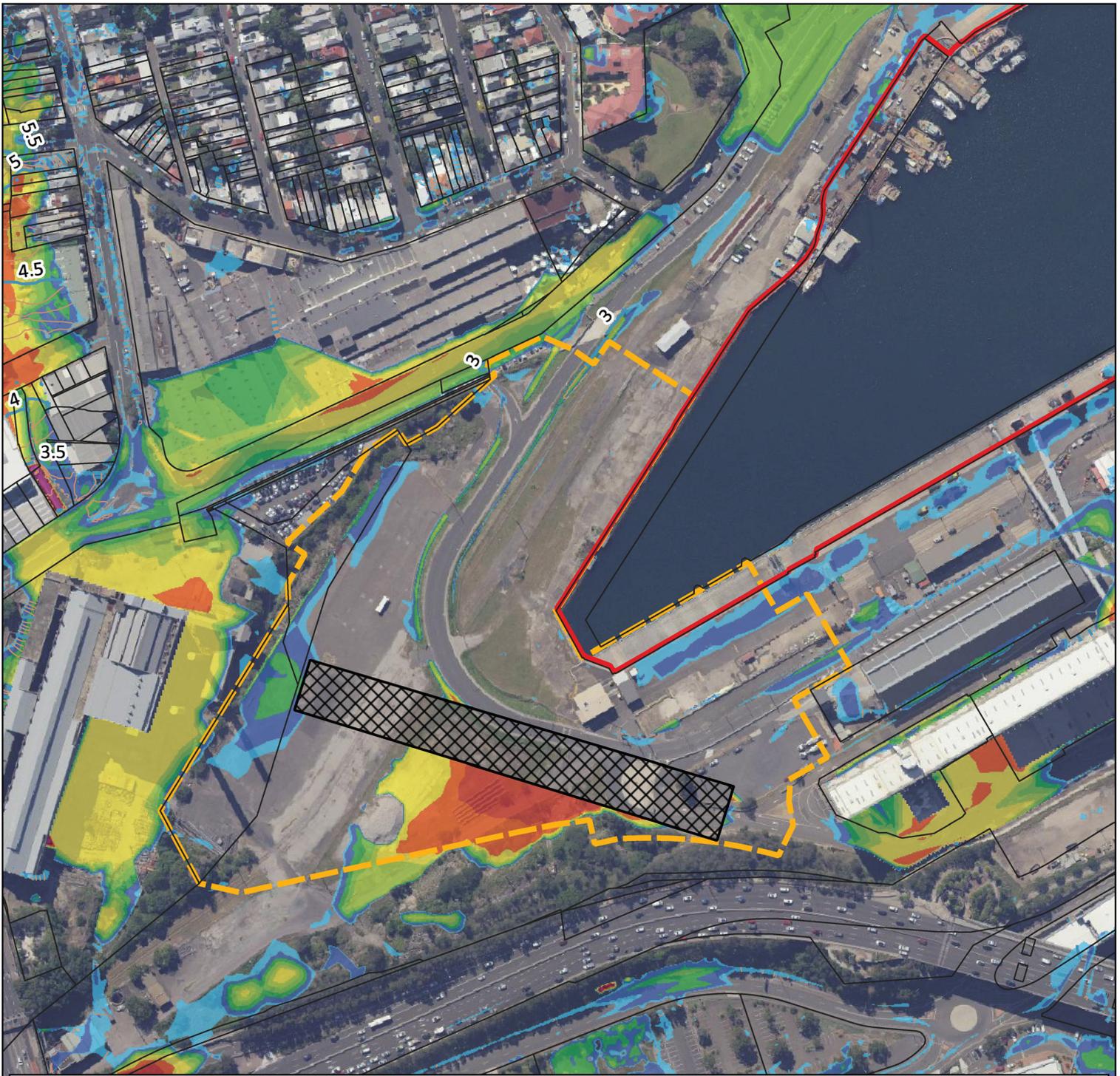
- |  |  |  |  |
|--|--|--|--|
|  Construction Hoarding     | Flood Hazard   |  H2 |  H5 |
|  Pyrmont Construction Site |  H1 |  H3 |  H6 |
|  |  |  H4 |  |

TITLE  
Figure B-12  
PMF Baseline Hazard

PROJECT  
EDS-SWM- Hunter St Station



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



### Legend

Construction Boundary	Flood Depth (m)	0.4 - 0.5
Tunnel Excavation	<0.02	0.5 - 0.75
Flood Level Major Contour	0.02 - 0.1	0.75 - 1
Flood Level Minor Contour	0.1 - 0.2	1 - 1.5
	0.2 - 0.3	1.5 - 2
	0.3 - 0.4	>2

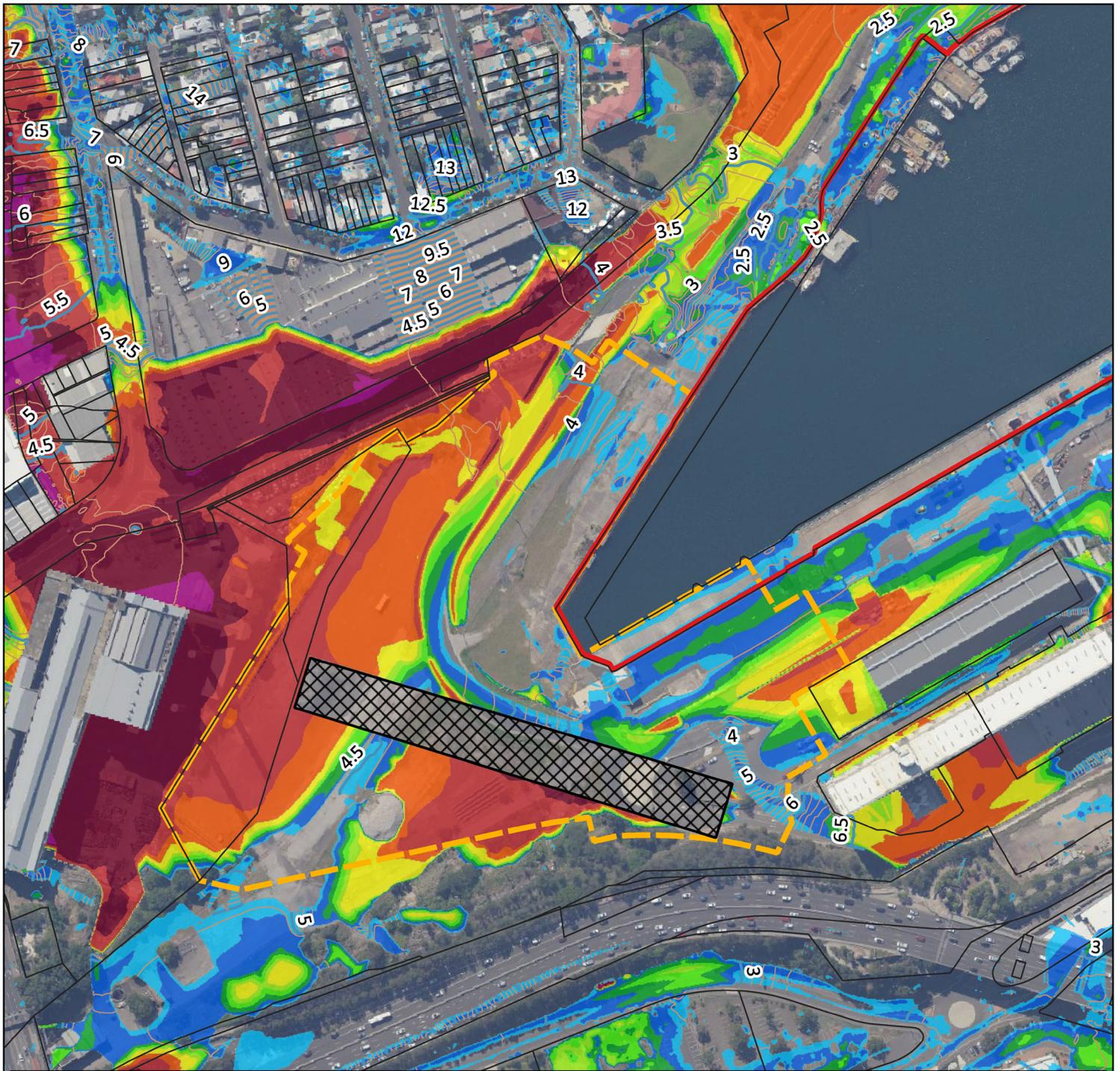
TITLE  
 The Bays  
 Figure C-1  
 1% AEP Proposal Stage Flood Depth

PROJECT  
 EDS - SWM - The Bays

0 50 100 m



Date 17/03/2022	Drawn SC	Check FH	Approved SB	Scale 1 : 3000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



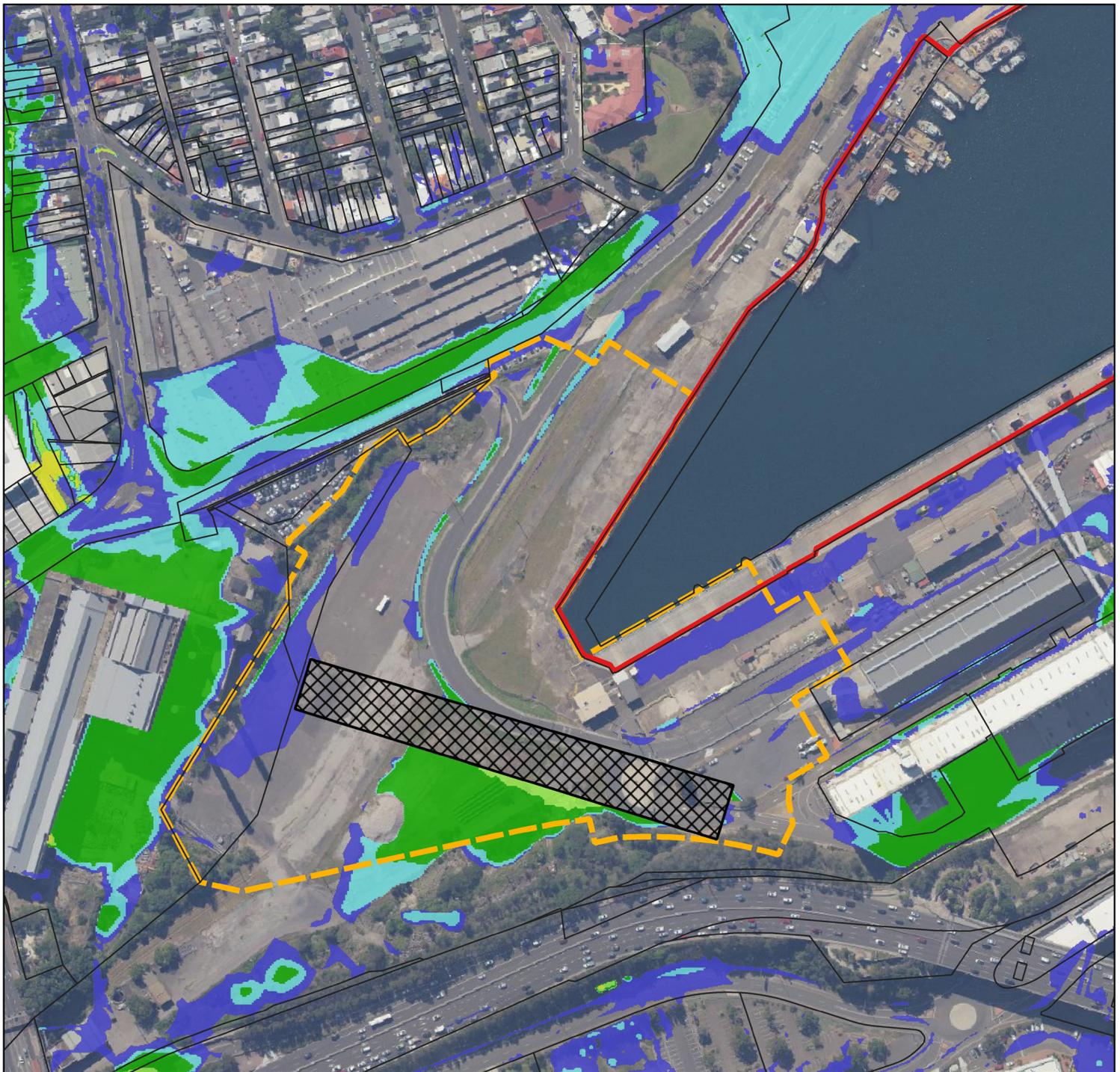
### Legend

Construction Boundary	Flood Depth (m)	0.4 - 0.5
Tunnel Excavation	<0.02	0.5 - 0.75
Flood Level Major Contour	0.02 - 0.1	0.75 - 1
Flood Level Minor Contour	0.1 - 0.2	1 - 1.5
	0.2 - 0.3	1.5 - 2
	0.3 - 0.4	>2

TITLE  
 The Bays  
 Figure C-2  
 PMF Proposal Stage Flood Depth

PROJECT  
 EDS - SWM - The Bays

0      50      100 m					
Date 17/03/2022	Drawn SC				Check FH



### Legend

- |  |                       |   |                 |
|--|-----------------------|---|-----------------|
|  | Construction Boundary |  | Flood Hazard H4 |
|  | Tunnel Excavation     |  | H1              |
|  |                       |  | H2              |
|  |                       |  | H3              |
|  |                       |  | H5              |
|  |                       |  | H6              |

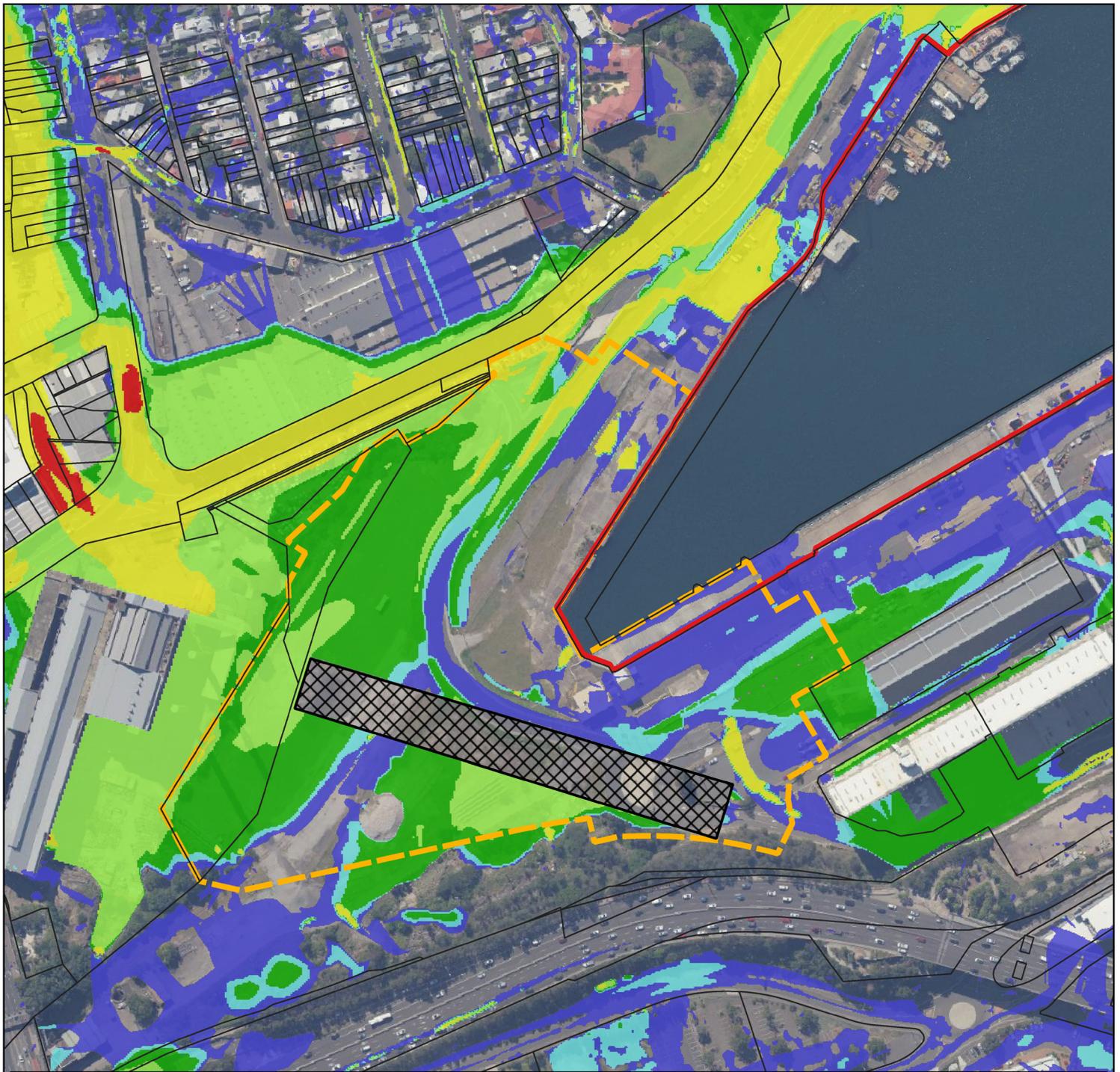
**TITLE**  
 The Bays  
 Figure C-3  
 1% AEP Proposal Stage Flood Hazard

**PROJECT**  
 EDS - SWM - The Bays

0 50 100 m



Date 17/03/2022	Drawn SC	Check FH	Approved SB	Scale 1 : 3000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



### Legend

- |  |                       |   |                 |
|--|-----------------------|---|-----------------|
|  | Construction Boundary |  | Flood Hazard H4 |
|  | Tunnel Excavation     |  | H1              |
|  |                       |  | H2              |
|  |                       |  | H3              |
|  |                       |  | H5              |
|  |                       |  | H6              |

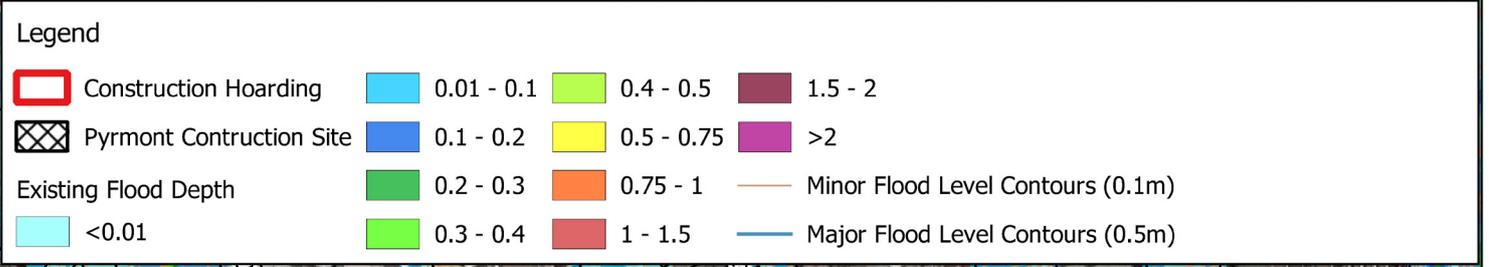
**TITLE**  
 The Bays  
 Figure C-4  
 PMF Prposal Stage Flood Hazard

**PROJECT**  
 EDS - SWM - The Bays

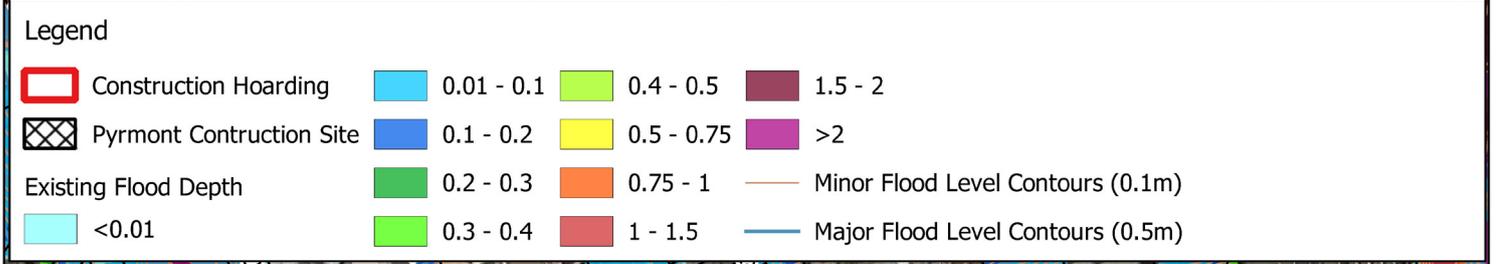
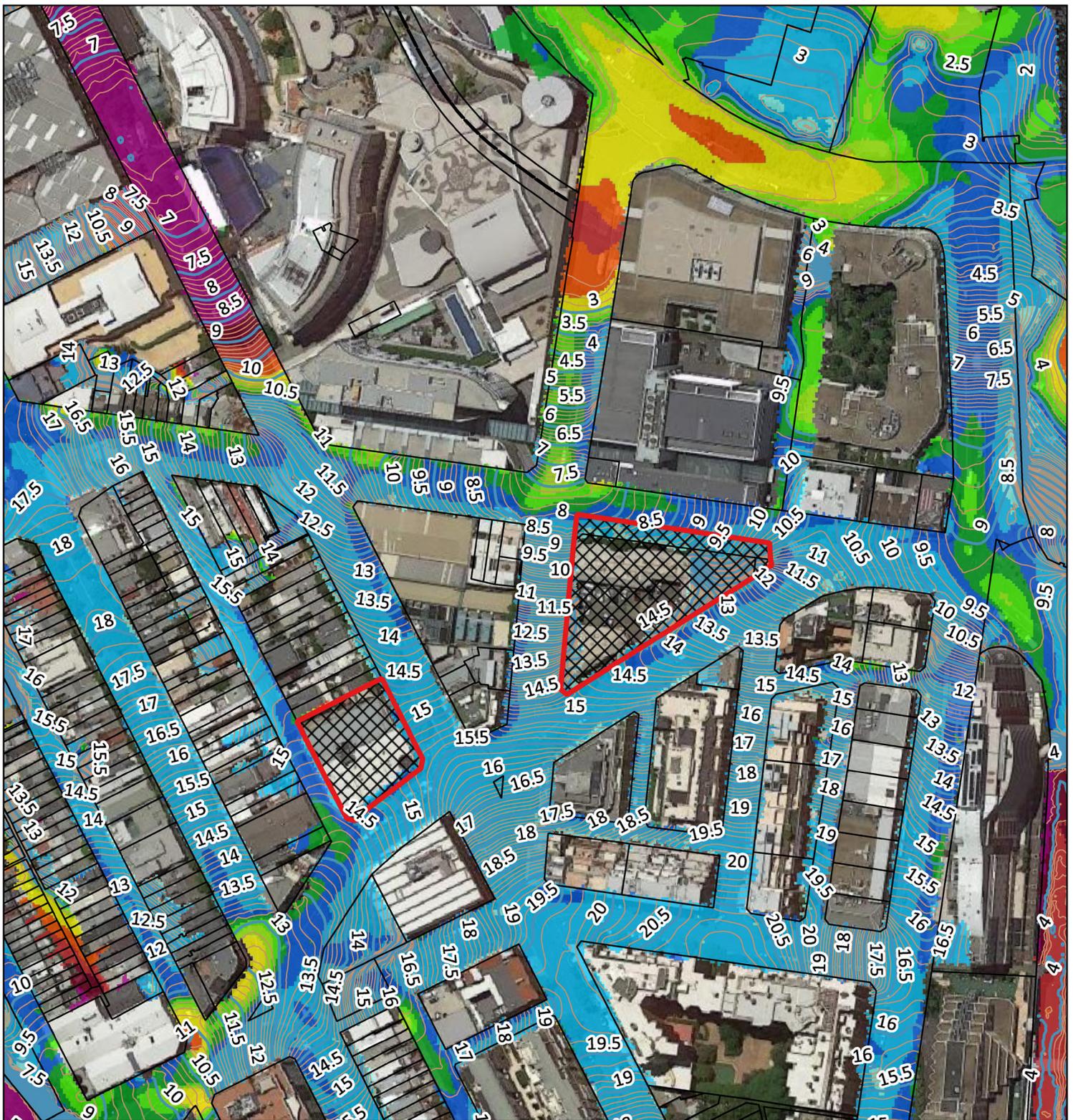
0 50 100 m



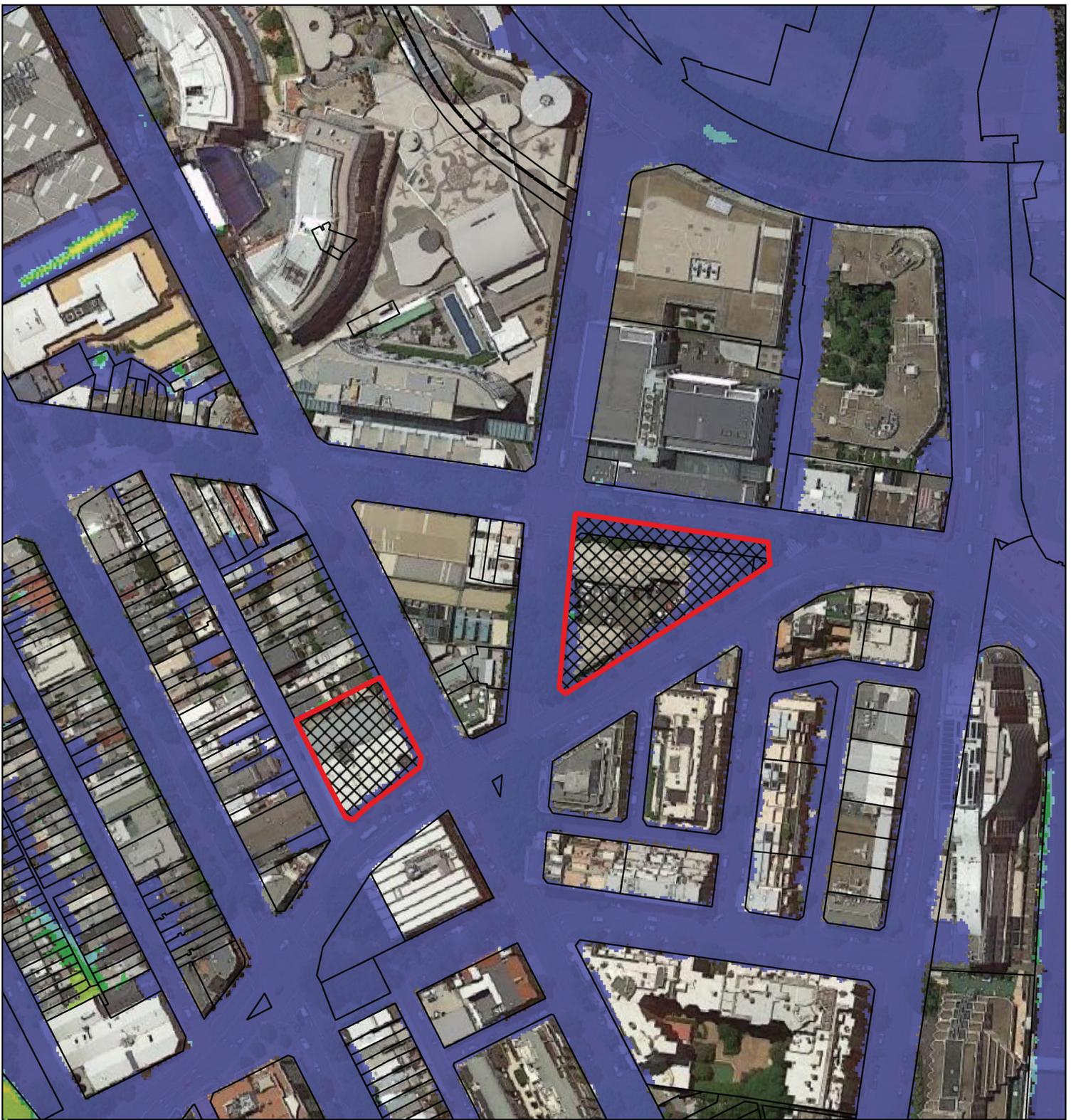
Date 17/03/2022	Drawn SC	Check FH	Approved SB	Scale 1 : 3000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



<b>TITLE</b> Figure C-5 1% AEP Proposal Stage Depth	0 <span style="margin-left: 100px;">0.1</span> <span style="margin-left: 100px;">0.2 km</span>					
<b>PROJECT</b> EDS-SWM- Pyrmont Station	Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1



<b>TITLE</b> Figure C-6 PMF Proposal Depth	0 <span style="margin-left: 150px;">0.1</span> <span style="margin-left: 150px;">0.2 km</span>										
	<b>PROJECT</b> EDS-SWM- Pyrmont Station										
Date	21/03/2022	Drawn	TG	Check	FH	Approved	SC	Scale	1 : 2100	Rev	1



Legend

- |  |                           |  |  |  |
|--|---------------------------|--|--|--|
|  | Construction Hoarding     | Flood Hazard   |  H2 |  H5 |
|  | Pyrmont Construction Site |  H1 |  H3 |  H6 |
|  |                           |  H4 |  |  |

TITLE  
Figure C-7  
1% AEP Proposal Hazard

PROJECT  
EDS-SWM- Pyrmont Station

0 0.1 0.2 km



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



Legend

- |  |                           |   |                 |   |    |   |    |
|--|---------------------------|---|-----------------|---|----|---|----|
|  | Construction Hoarding     |  | Flood Hazard H1 |  | H2 |  | H5 |
|  | Pyrmont Construction Site |  | H3              |  | H6 |  | H4 |

TITLE  
Figure C-8  
PMF Proposal Hazard

PROJECT  
EDS-SWM- Pyrmont Station

0 0.1 0.2 km



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



Legend

	Construction Hoarding		-0.3 - -0.2		-0.05 - -0.01		0.1 - 0.2
	Pyrmont Construction Site		-0.2 - -0.1		-0.01 - 0.01		0.2 - 0.3
Flood Level Difference (Afflux)			-0.1 - -0.05		0.01 - 0.05		> 0.3
	<= -0.3		0.05 - 0.1				

TITLE

Figure C-9  
1% AEP Afflux Map

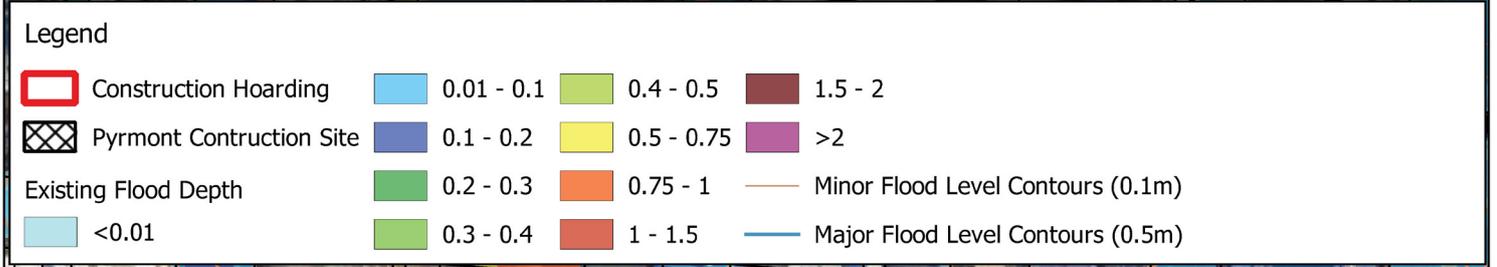
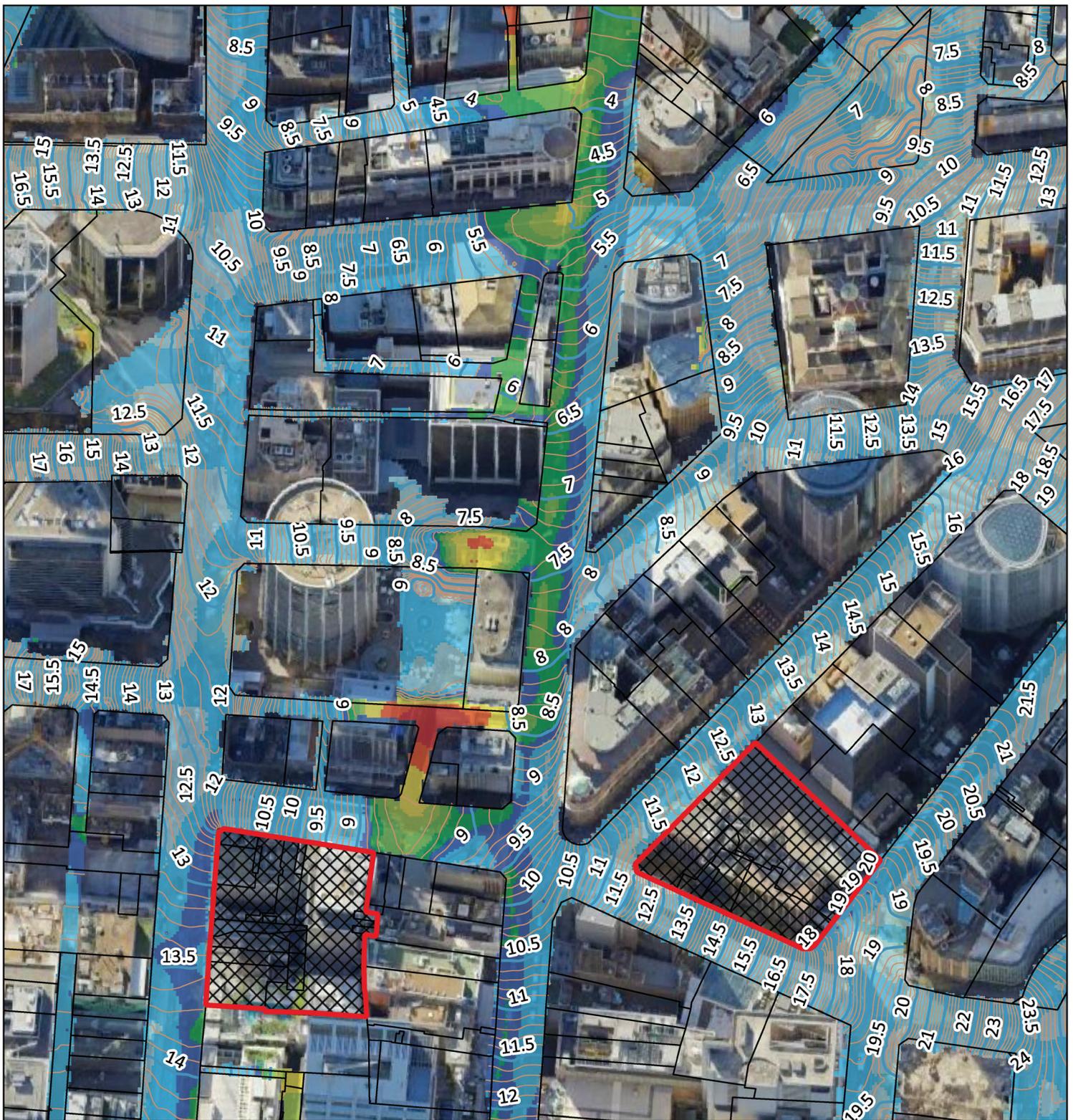
PROJECT

EDS-SWM- Pyrmont Station

0 0.1 0.2 km



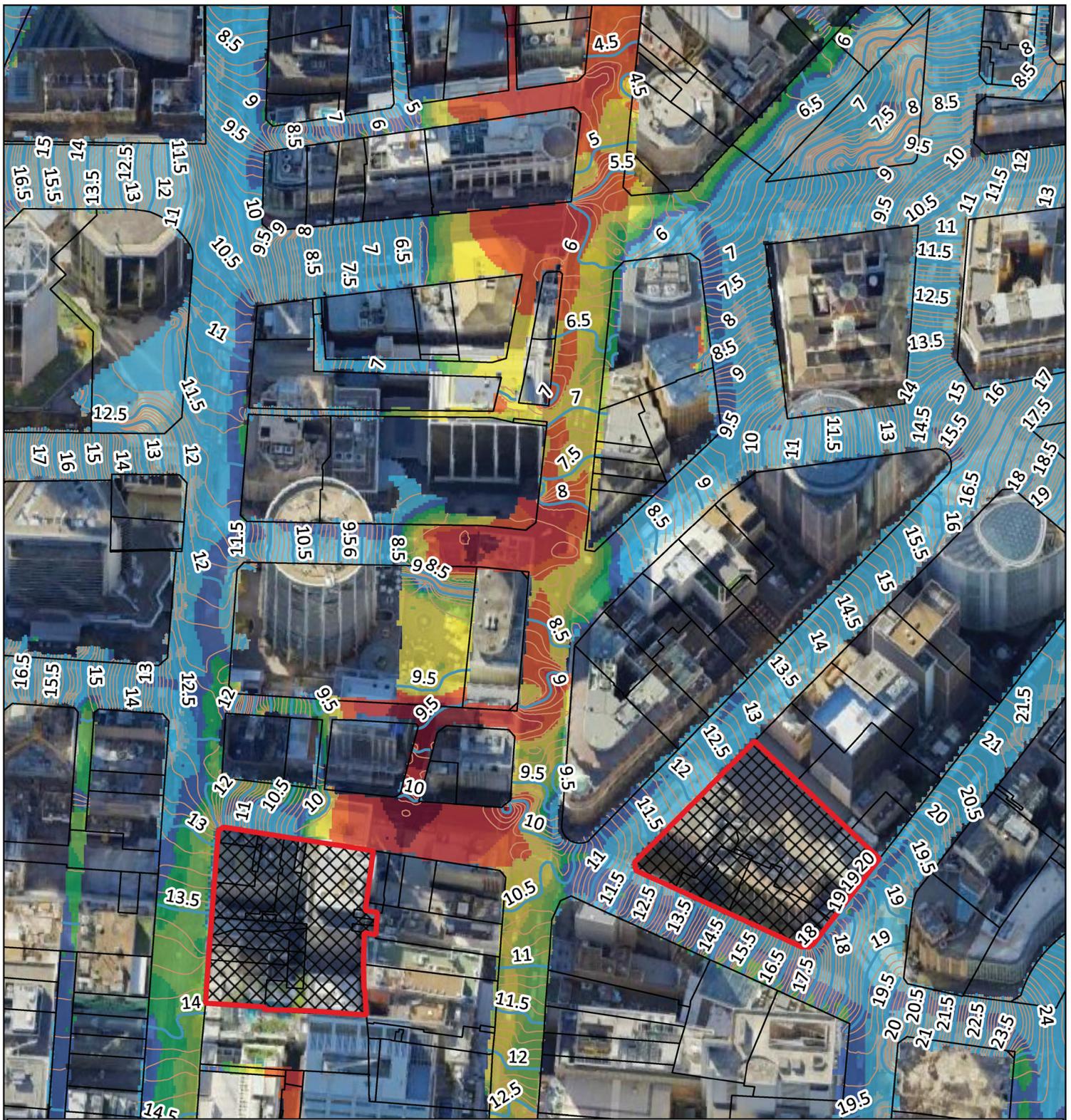
Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2100	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



**TITLE**  
Figure C-10  
1% AEP Proposal Stage Depth

**PROJECT**  
EDS-SWM- Hunter St Station

Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------

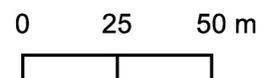


Legend

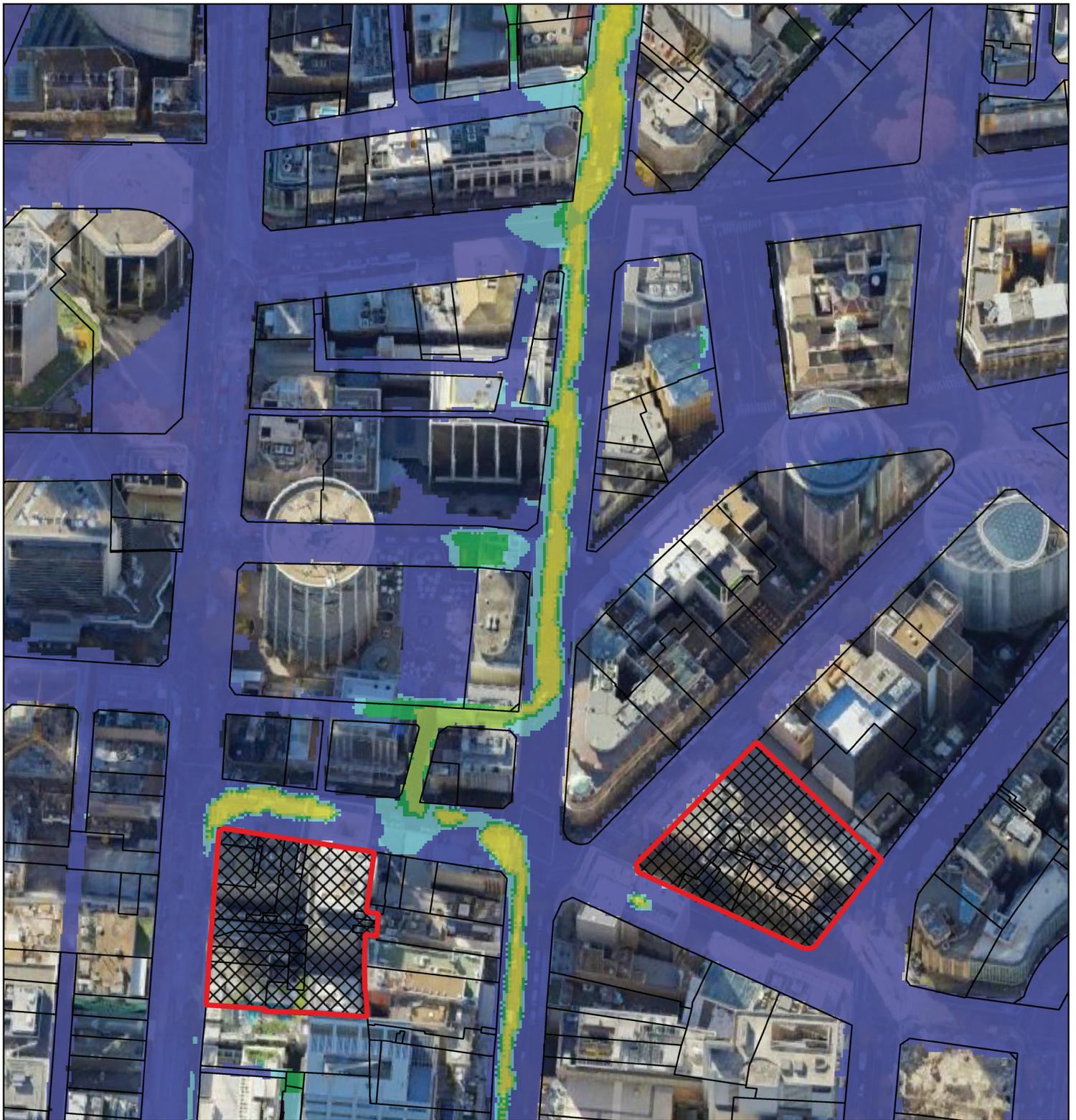
- |                           |            |            |                                   |
|---------------------------|------------|------------|-----------------------------------|
| Construction Hoarding     | 0.01 - 0.1 | 0.4 - 0.5  | 1.5 - 2                           |
| Pyrmont Construction Site | 0.1 - 0.2  | 0.5 - 0.75 | >2                                |
| Existing Flood Depth      | 0.2 - 0.3  | 0.75 - 1   | Minor Flood Level Contours (0.1m) |
| <math>< 0.01</math>       | 0.3 - 0.4  | 1 - 1.5    | Major Flood Level Contours (0.5m) |

TITLE  
Figure C-11  
PMF Proposal Depth

PROJECT  
EDS-SWM- Hunter St Station



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



Legend

- |  |                           |   |                 |   |    |
|--|---------------------------|---|-----------------|---|----|
|  | Construction Hoarding     |  | Flood Hazard H2 |  | H5 |
|  | Pyrmont Construction Site |  | H1              |  | H3 |
|  |                           |  | H4              |  | H6 |

TITLE

Figure C-12  
1% AEP Proposal Hazard

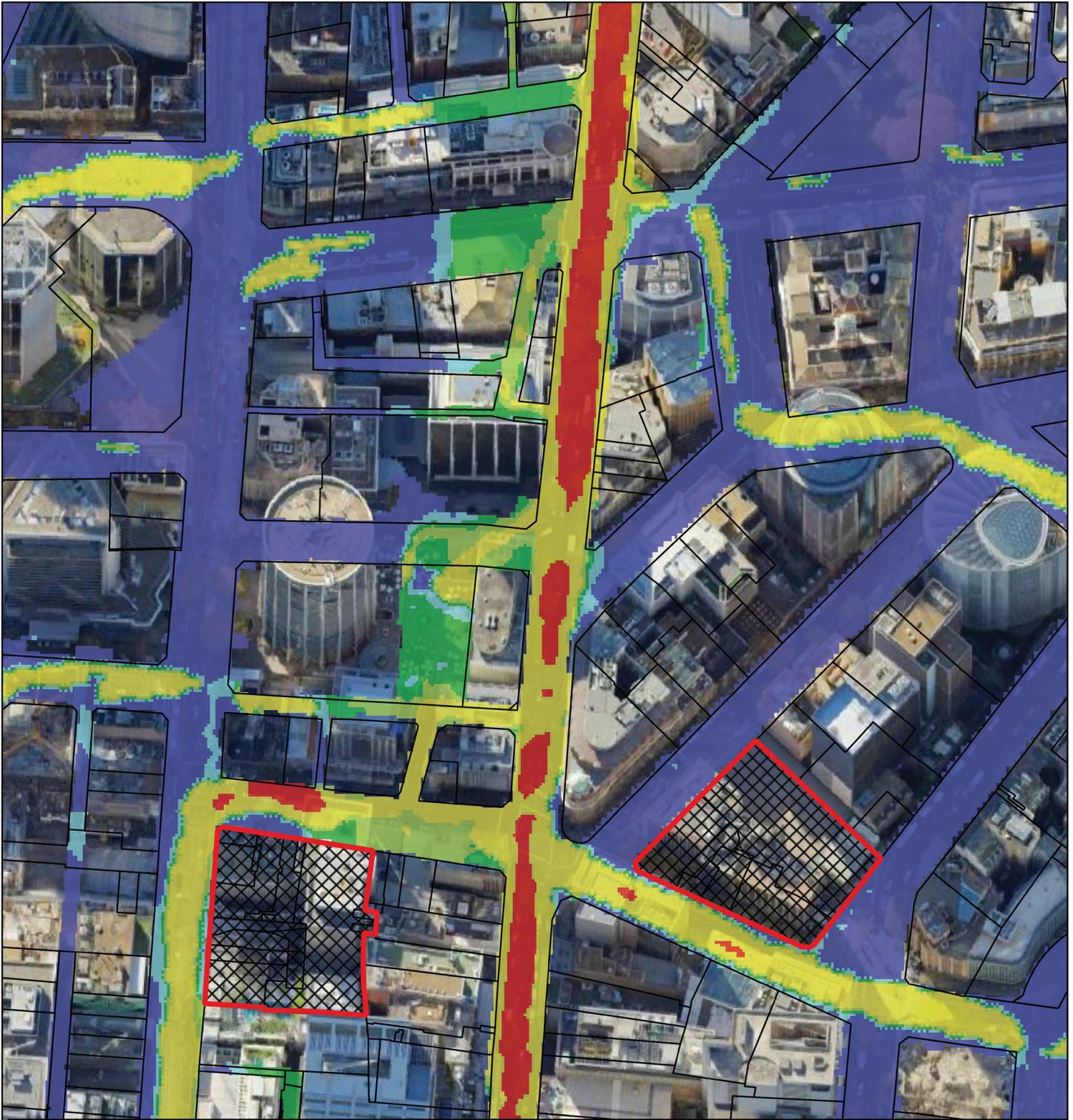
PROJECT

EDS-SWM- Hunter St Station

0 25 50 m



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------



**Legend**

Construction Hoarding	Flood Hazard H1	H2	H5
Pyrmont Construction Site	H3	H6	H4

**TITLE**  
Figure C-13  
PMF Proposal Hazard

**PROJECT**  
EDS-SWM- Hunter St Station

				Date 21/03/2022	Drawn TG

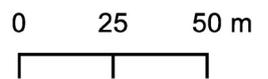


Legend

Construction Hoarding	-0.3 - -0.2	-0.05 - -0.01	0.1 - 0.2
Hunter St Construction Site	-0.2 - -0.1	-0.01 - 0.01	0.2 - 0.3
Flood Level Difference (Afflux)	-0.1 - -0.05	0.01 - 0.05	> 0.3
<= -0.3	0.05 - 0.1		

TITLE  
Figure C-14  
1% AEP Afflux Map

PROJECT  
EDS-SWM- Hunter St Station



Date 21/03/2022	Drawn TG	Check FH	Approved SC	Scale 1 : 2000	Rev 1
--------------------	-------------	-------------	----------------	-------------------	----------

