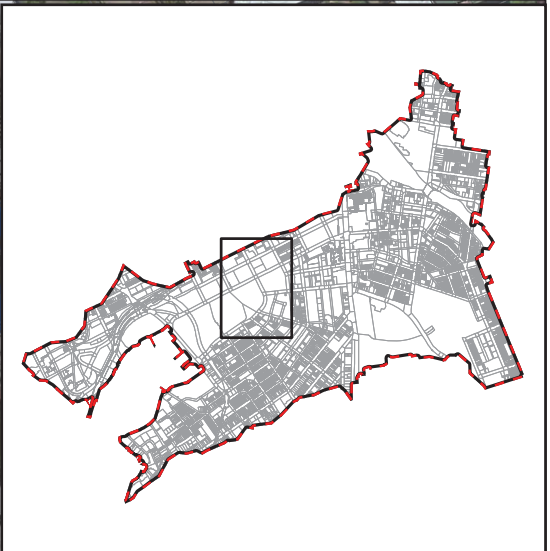
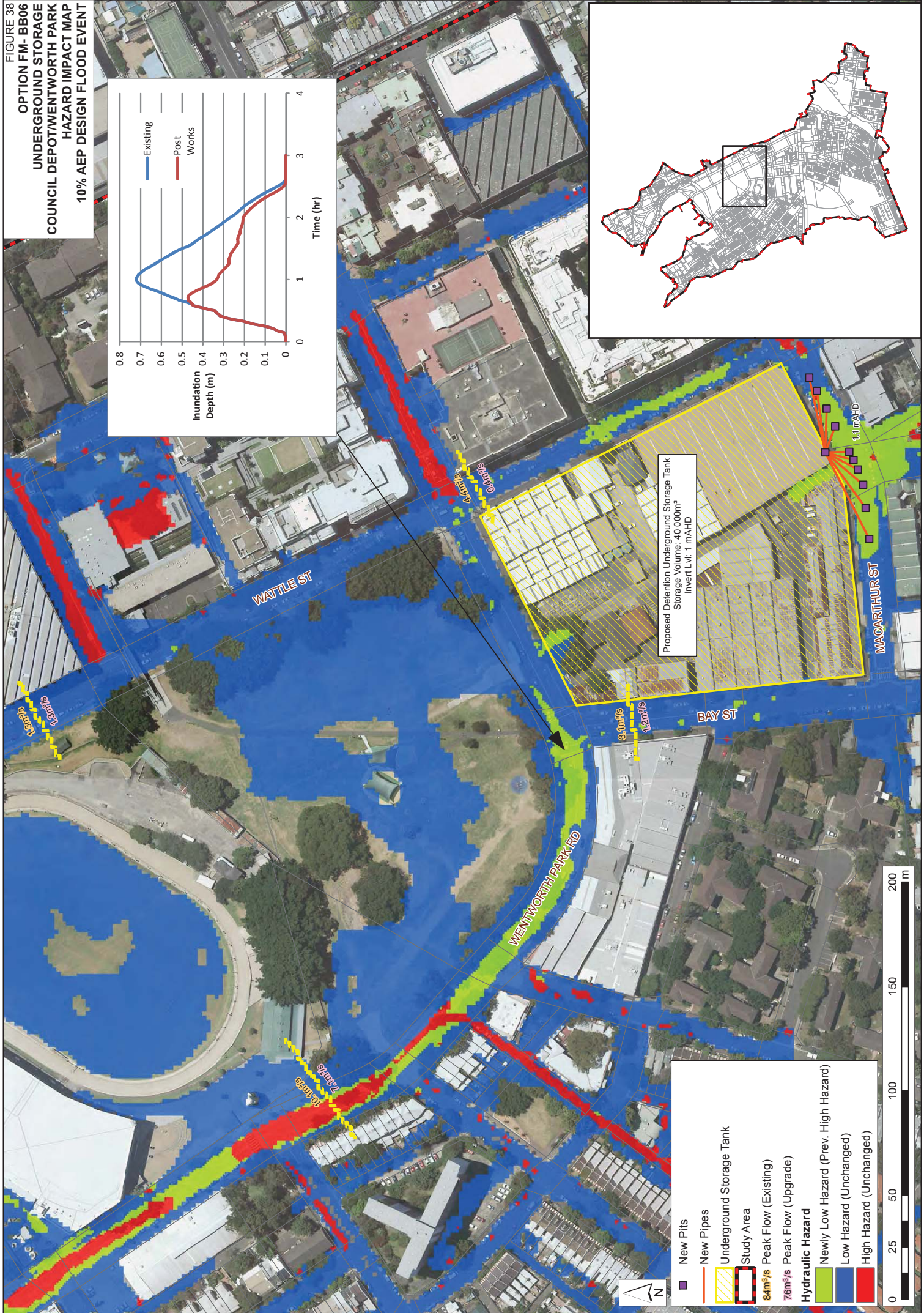
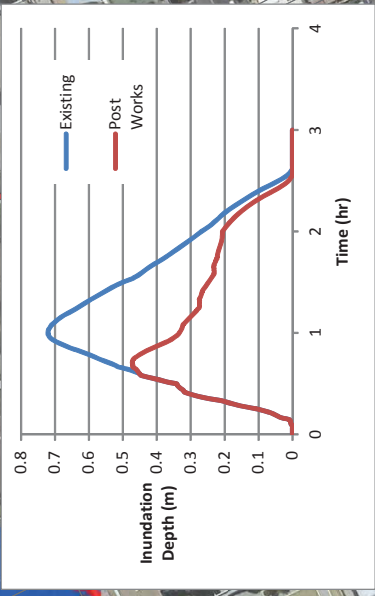


FIGURE 38  
**OPTION FM- BB06**  
**UNDERGROUND STORAGE**  
**COUNCIL DEPARTMENTWORTH PARK**  
**HAZARD IMPACT MAP**  
**10% AEP DESIGN FLOOD EVENT**



Proposed Detention Underground Storage Tank  
 Storage Volume: 40 000m<sup>3</sup>  
 Invert Lvl: 1 mAHD

- New Pits
- New Pipes
- Underground Storage Tank
- Study Area
- 84m<sup>3</sup>/s Peak Flow (Existing)
- 76m<sup>3</sup>/s Peak Flow (Upgrade)
- Hydraulic Hazard**
- Newly Low Hazard (Prev. High Hazard)
- Low Hazard (Unchanged)
- High Hazard (Unchanged)

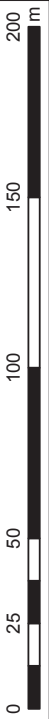
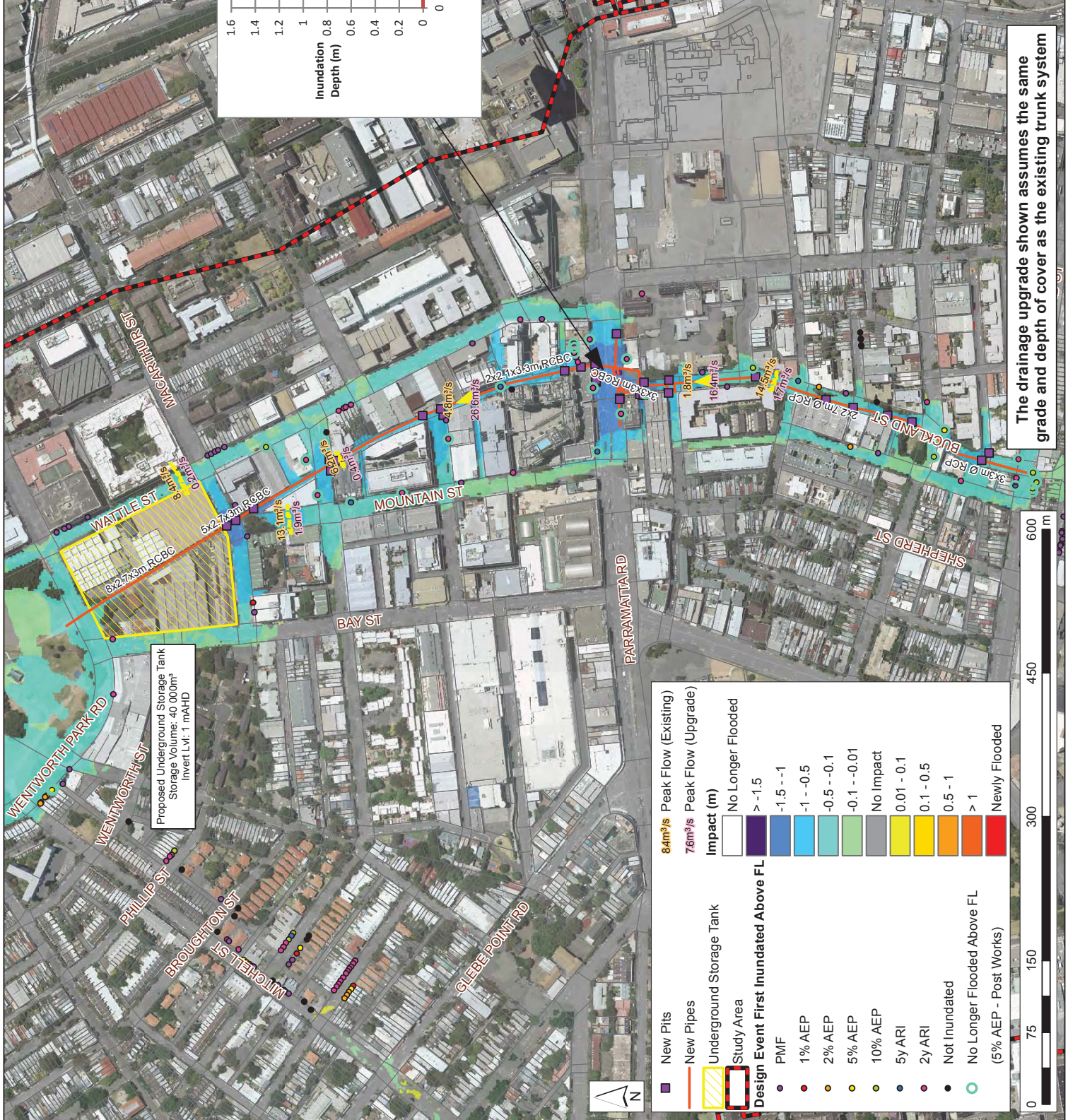
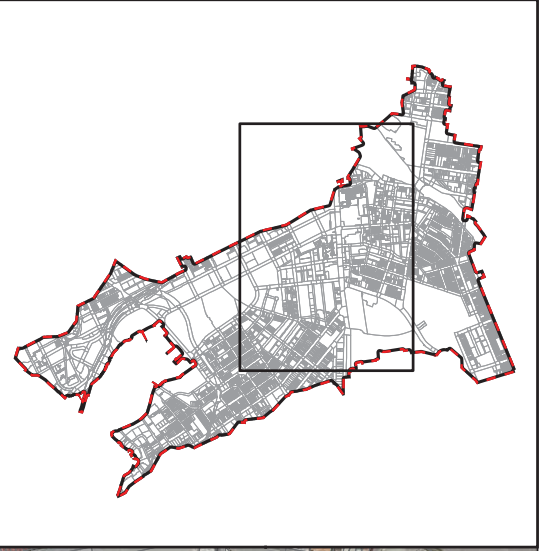
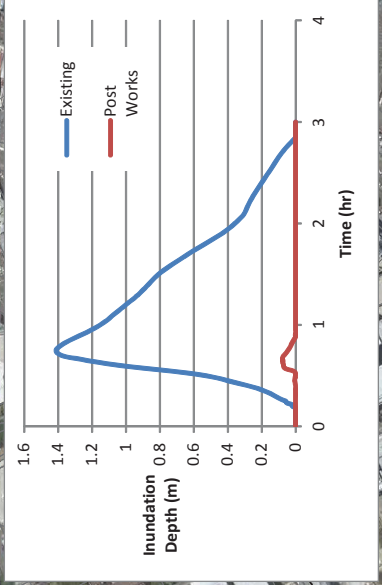




FIGURE 39  
**OPTION FM - BB07**  
**DRAINAGE UPGRADE AND UNDERGROUND STORAGE**  
**CLEVELAND STREET/WENTWORTH PARK**  
**FLOOD IMPACT MAP**  
**5% AEP DESIGN FLOOD EVENT**



Proposed Underground Storage Tank  
 Storage Volume: 40,000m<sup>3</sup>  
 Invert Lvl: 1 mAHD



The drainage upgrade shown assumes the same grade and depth of cover as the existing trunk system

	New Pits
	New Pipes
	Underground Storage Tank
	Study Area

**Design Event First Inundated Above FL**

- PMF
- 1% AEP
- 2% AEP
- 5% AEP
- 10% AEP
- 5y ARI
- 2y ARI
- Not Inundated
- No Longer Flooded Above FL
- (5% AEP - Post Works)

	8.4m <sup>3</sup> /s Peak Flow (Existing)	No Longer Flooded
	7.6m <sup>3</sup> /s Peak Flow (Upgrade)	> -1.5
	-1.5 -- -1	-1 -- -0.5
	-1 -- -0.5	-0.5 -- -0.1
	-0.5 -- -0.1	-0.1 -- -0.01
	-0.1 -- -0.01	No Impact
	No Impact	0.01 - 0.1
	0.01 - 0.1	0.1 - 0.5
	0.1 - 0.5	0.5 - 1
	0.5 - 1	> 1
	> 1	Newly Flooded

