














Legend

 Model Extent

- | | | |
|--|---|---|
|  Road(n=0.02) |  Park(n=0.035) |  High roughness motorway (n=0.05) |
|  Rail (n=0.04) |  Medium vegetation (n=0.045) |  Deep water creeks (n = 0.03) |
|  Residential (n=0.05) |  Heavy vegetation (n=0.09) |  Building (n=3.0) |
|  Commercial (n=0.04) |  Creek (n=0.05) | |
|  Paved (n=0.025) |  Unsealed/unpaved (n=0.03) | |



0 700 1,400 2,100 2,800 metres



TITLE: TUFLOW Hydraulic Roughness

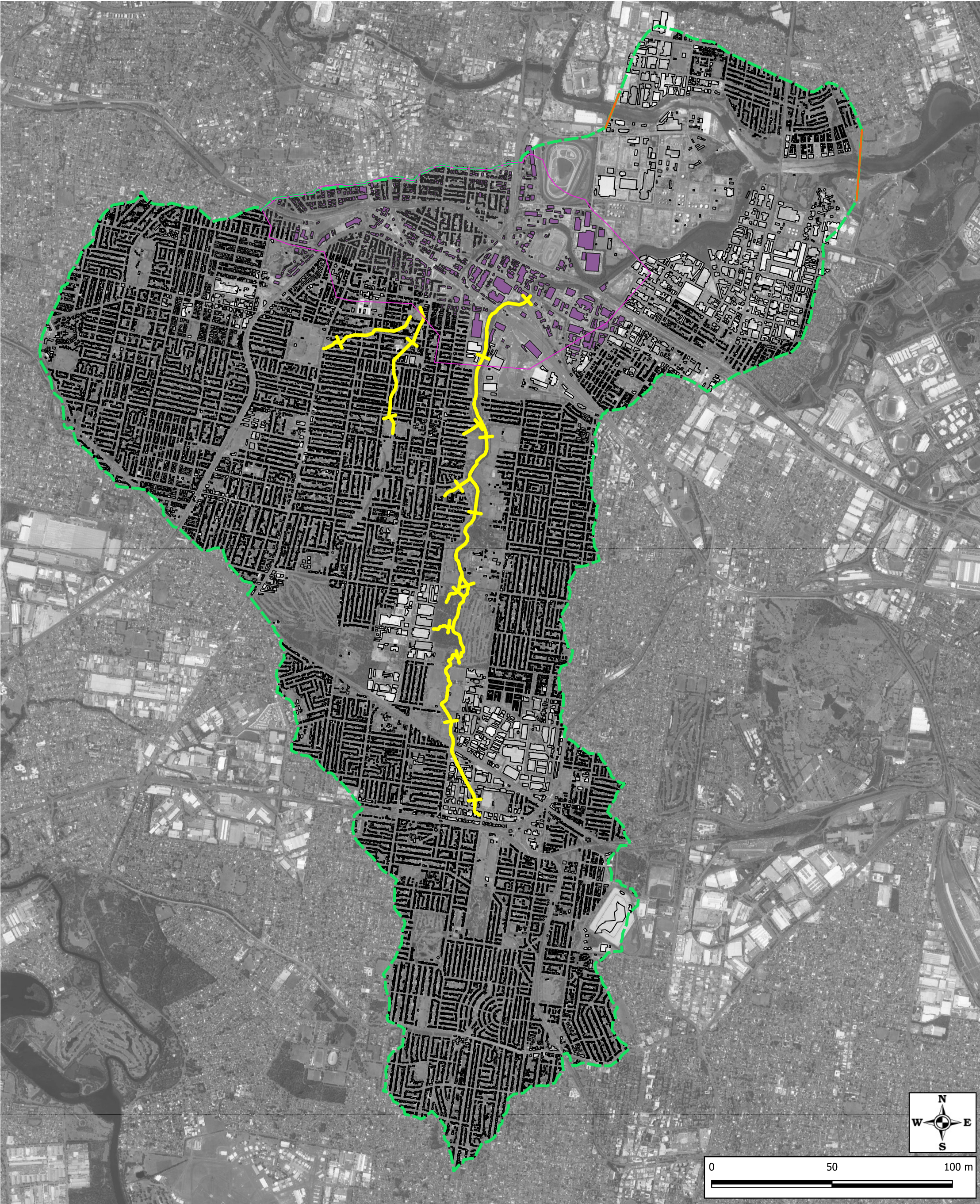
PROJECT: A'Becketts Creek Flood Study and Floodplain Risk Management Study and Plan

PROJECT No. 210025

DATE: 09-2024

SCALE: **1:25,000**

FIGURE No. 11



Legend

TUFLOW 2D Model Boundary

Study Area

Buildings Nulled out

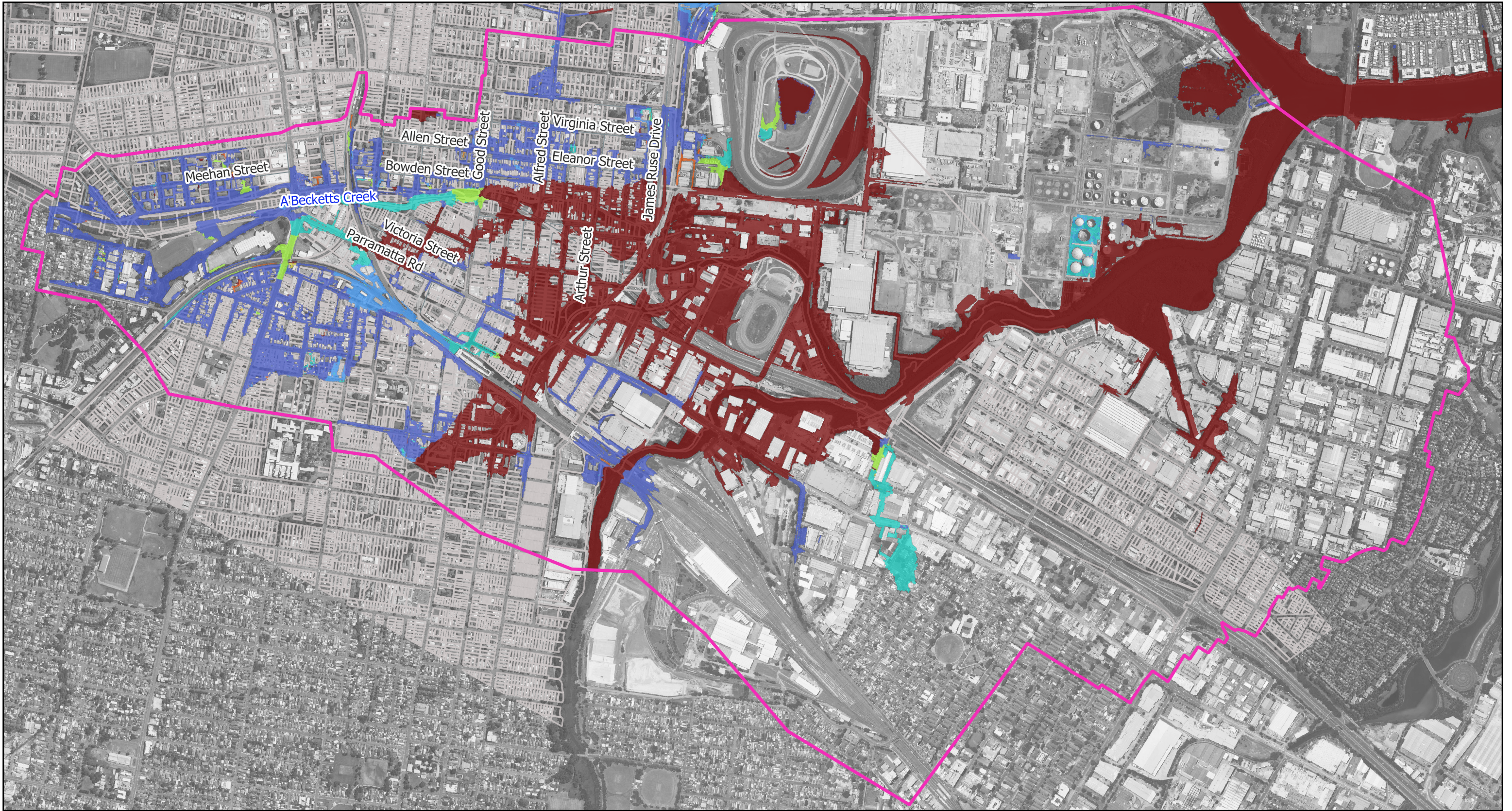
Buildings (High Roughness)

Creek Breaklines

Downstream Boundaries

TITLE: ROG Model Layout		
PROJECT: A'Becketts Creek Flood Study and Floodplain Risk Management Study and Plan		
PROJECT No. 210025		
DATE: 03-2023	SCALE: 1:35,000	FIGURE No. 12





- Critical Duration
- | | |
|---------|---------|
| 30 min | 180 min |
| 45 min | 270 min |
| 60 min | 360 min |
| 90 min | 540 min |
| 120 min | 720 min |

- Hydraulic Model Extent
- Cadastral Boundaries



0 400 800 1,200 1,600 metres



TITLE: Critical Duration - 1% AEP

PROJECT: A'Becketts Creek Flood Study and Floodplain Risk Management Study and Plan

PROJECT No. 210025

DATE: 09-2024

SCALE: **1:15,000**

FIGURE No. 13