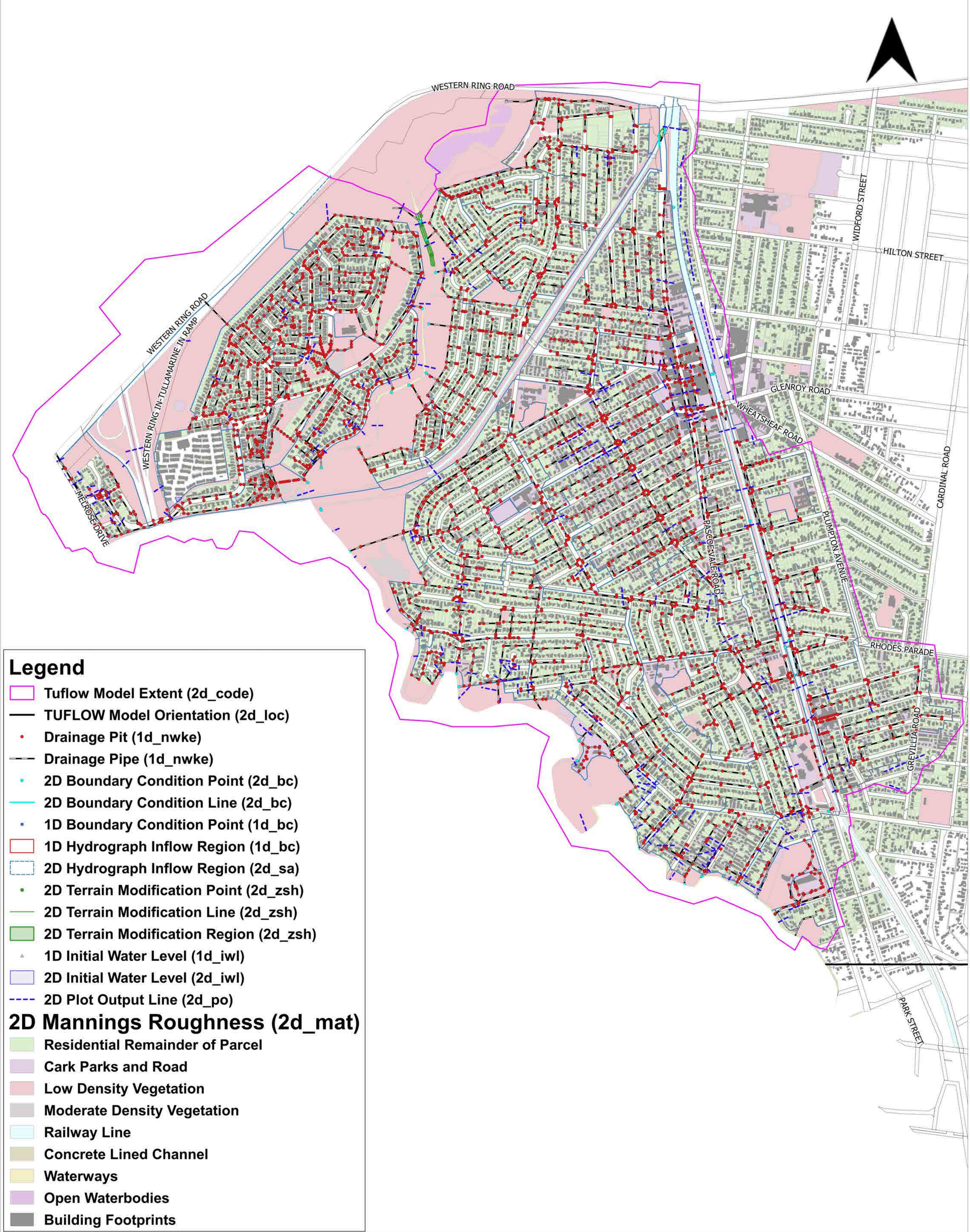

APPENDIX D: TUFLOW MODEL LAYOUTS



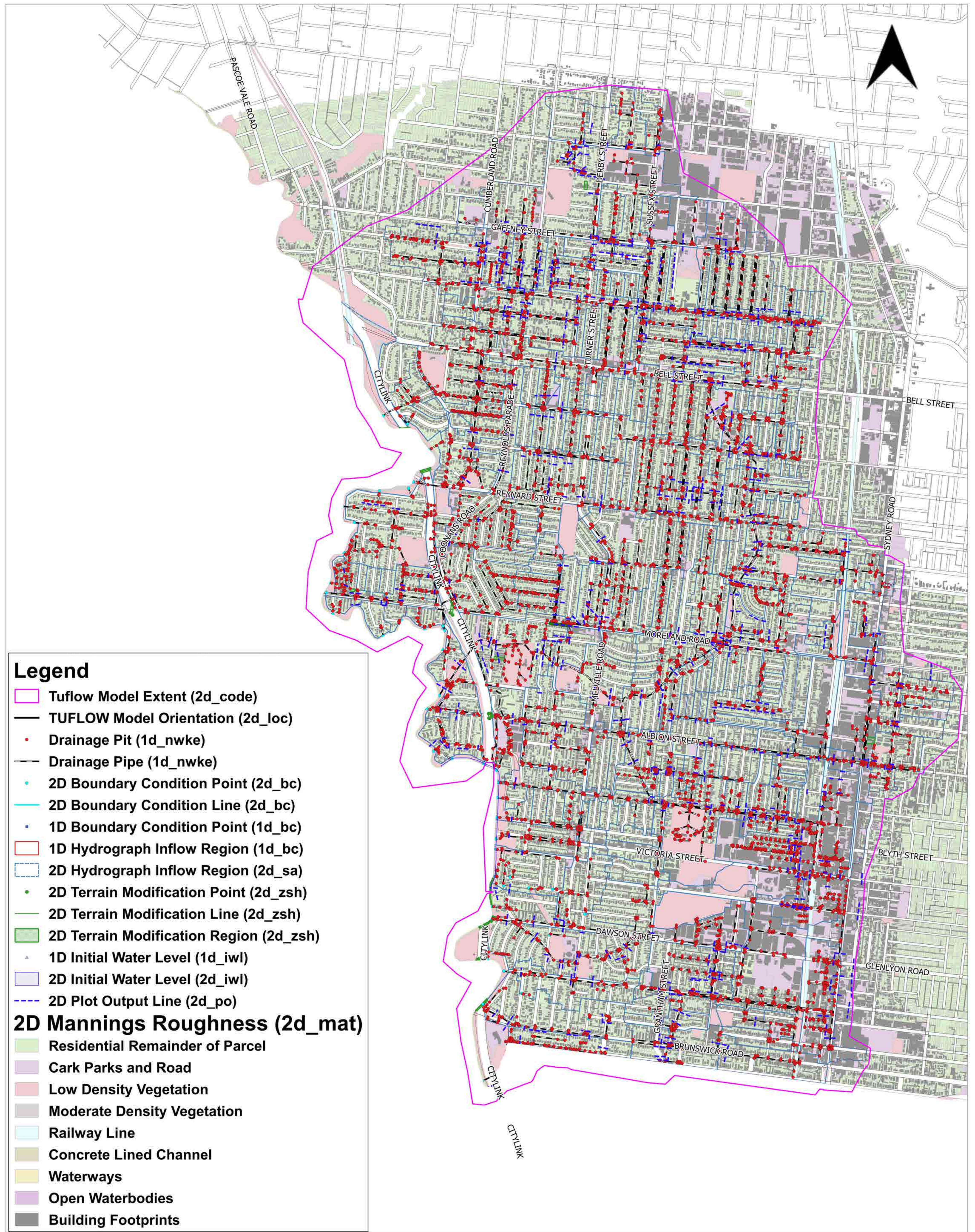


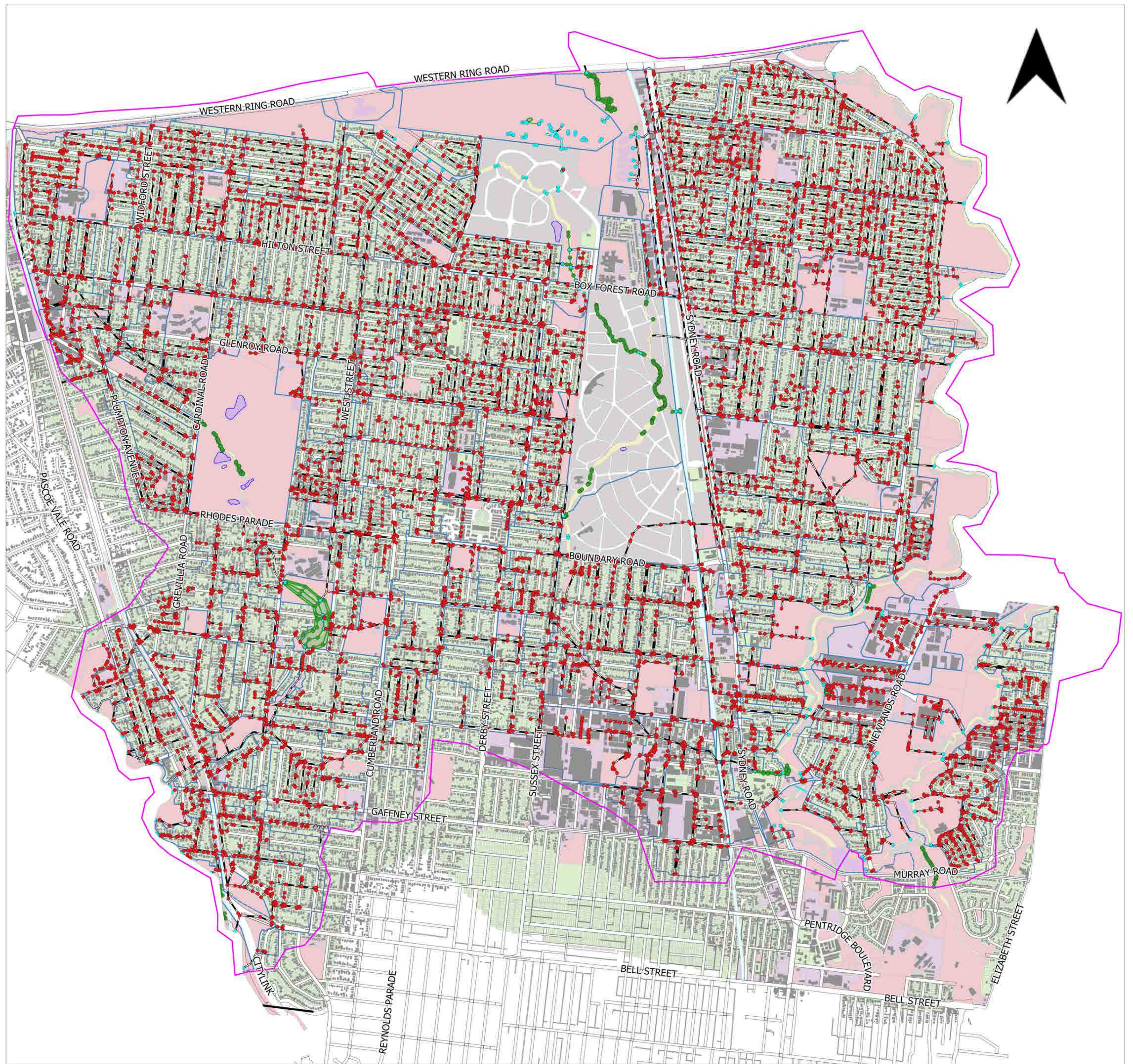
Legend

- Tuflow Model Extent (2d_code)
- TUFLOW Model Orientation (2d_loc)
- Drainage Pit (1d_nwke)
- Drainage Pipe (1d_nwke)
- 2D Boundary Condition Point (2d_bc)
- 2D Boundary Condition Line (2d_bc)
- 1D Boundary Condition Point (1d_bc)
- 1D Hydrograph Inflow Region (1d_bc)
- 2D Hydrograph Inflow Region (2d_sa)
- 2D Terrain Modification Point (2d_zsh)
- 2D Terrain Modification Line (2d_zsh)
- 2D Terrain Modification Region (2d_zsh)
- 1D Initial Water Level (1d_iwl)
- 2D Initial Water Level (2d_iwl)
- 2D Plot Output Line (2d_po)

2D Mannings Roughness (2d_mat)

- Residential Remainder of Parcel
- Cark Parks and Road
- Low Density Vegetation
- Moderate Density Vegetation
- Railway Line
- Concrete Lined Channel
- Waterways
- Open Waterbodies
- Building Footprints





Legend

- Tuflow Model Extent (2d_code)

TUFLOW Model Orientation (2d_loc)

Drainage Pit (1d_nwke)

Drainage Pipe (1d_nwke)

2D Boundary Condition Point (2d_bc)

2D Boundary Condition Line (2d_bc)

1D Boundary Condition Point (1d_bc)

1D Hydrograph Inflow Region (1d_bc)

2D Hydrograph Inflow Region (2d_sa)

2D Terrain Modification Point (2d_zsh)

2D Terrain Modification Line (2d_zsh)

2D Terrain Modification Region (2d_zsh)

1D Initial Water Level (1d_iwl)
- 2D Initial Water Level (2d_iwl)

2D Plot Output Line (2d_po)

2D Mannings Roughness (2d_mat)

Residential Remainder of Parcel

Car Parks and Road

Low Density Vegetation

Moderate Density Vegetation

Railway Line

Concrete Lined Channel

Waterways

Open Waterbodies

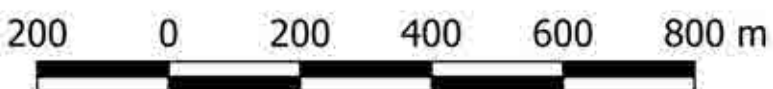
Building Footprints

Level 34, Tenancy 5, 360 Elizabeth St,
Melbourne VIC 3000

PO Box 12192, A'Beckett St VIC 8006

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P: 03 9888 6978
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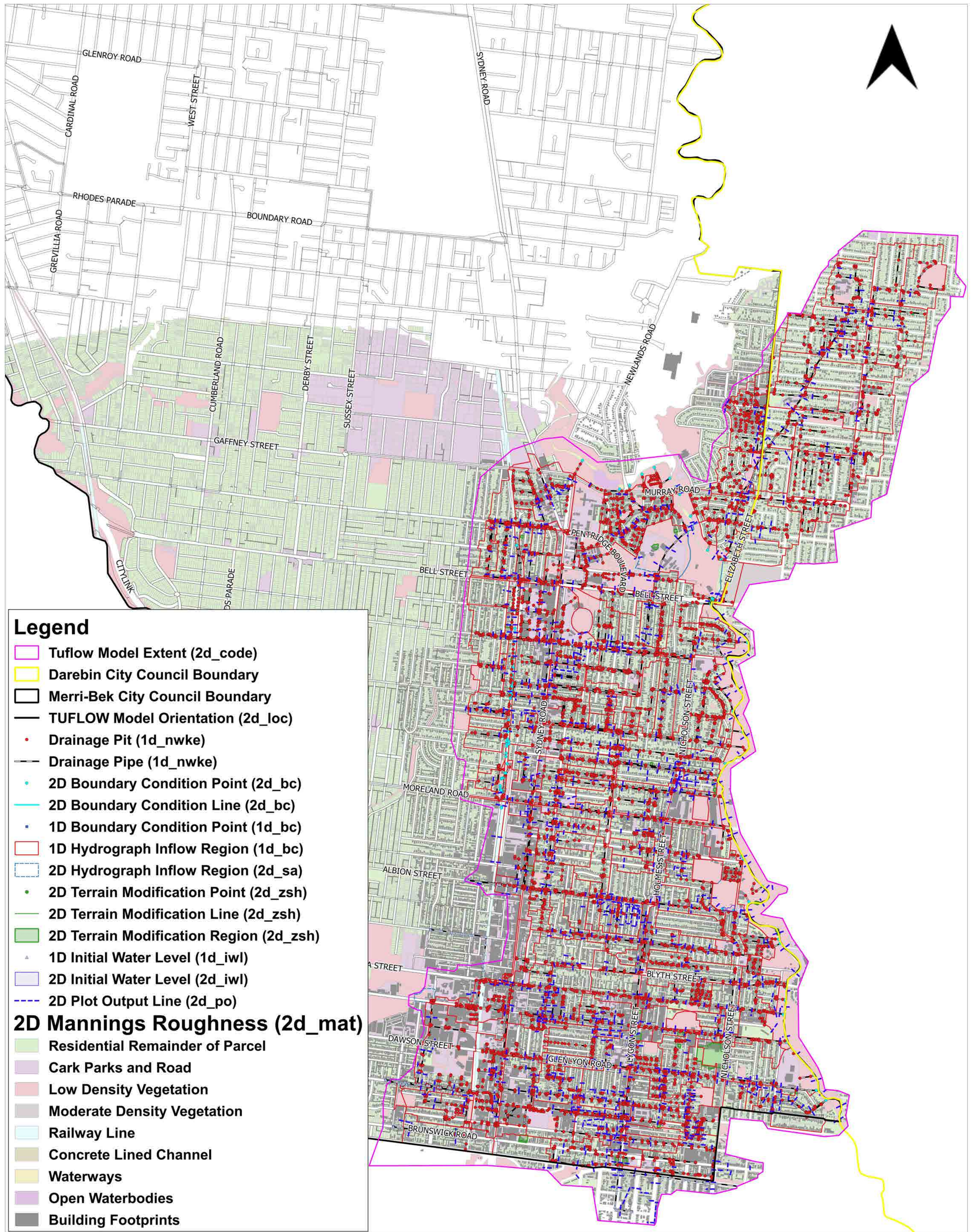
Scale in metres (1:11,500 @ A1)

Map Projection: Transverse Mercator
Horizontal Datum: Geocentric Datum of Australia
Vertical Datum: Australia Height Datum
Grid: Map Grid of Australia, Zone 55

Stormwater Overland Flow Mapping

Tuflow Model Build
North East Catchments (NEC)

Job Number: VC2023_006
Revision: 0
Drawn: AS
Checked: KP
Date: 15/8/2023



Legend

- TufLOW Model Extent (2d_code)
- Darebin City Council Boundary
- Merri-Bek City Council Boundary
- TUFLOW Model Orientation (2d_loc)
- Drainage Pit (1d_nwke)
- Drainage Pipe (1d_nwke)
- 2D Boundary Condition Point (2d_bc)
- 2D Boundary Condition Line (2d_bc)
- 1D Boundary Condition Point (1d_bc)
- 1D Hydrograph Inflow Region (1d_bc)
- 2D Hydrograph Inflow Region (2d_sa)
- 2D Terrain Modification Point (2d_zsh)
- 2D Terrain Modification Line (2d_zsh)
- 2D Terrain Modification Region (2d_zsh)
- 1D Initial Water Level (1d_iwl)
- 2D Initial Water Level (2d_iwl)
- 2D Plot Output Line (2d_po)

2D Mannings Roughness (2d_mat)

- Residential Remainder of Parcel
- Cark Parks and Road
- Low Density Vegetation
- Moderate Density Vegetation
- Railway Line
- Concrete Lined Channel
- Waterways
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200 0 200 400 600 800 m

Scale in metres (1:12,000 @ A1)

Map Projection: Transverse Mercator
Horizontal Datum: Geocentric Datum of
Australia
Vertical Datum: Australia Height Datum
Grid: Map Grid of Australia, Zone 55

Stormwater Overland Flow Mapping

**TufLOW Model Build
South East Catchments (SEC)**

Job Number: VC2023_006
Revision: 0
Drawn: AS
Checked: KP
Date: 15/8/2023