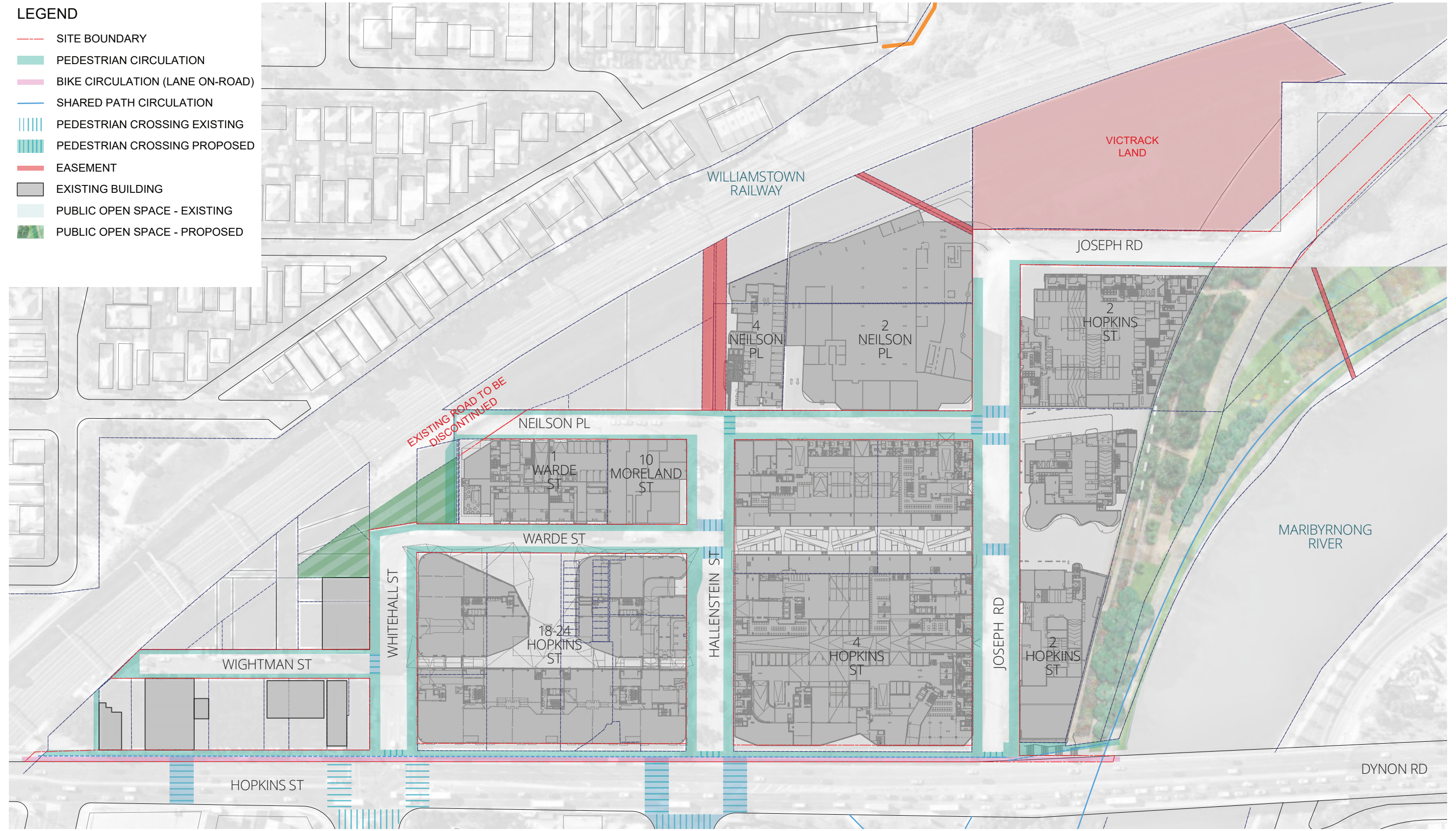
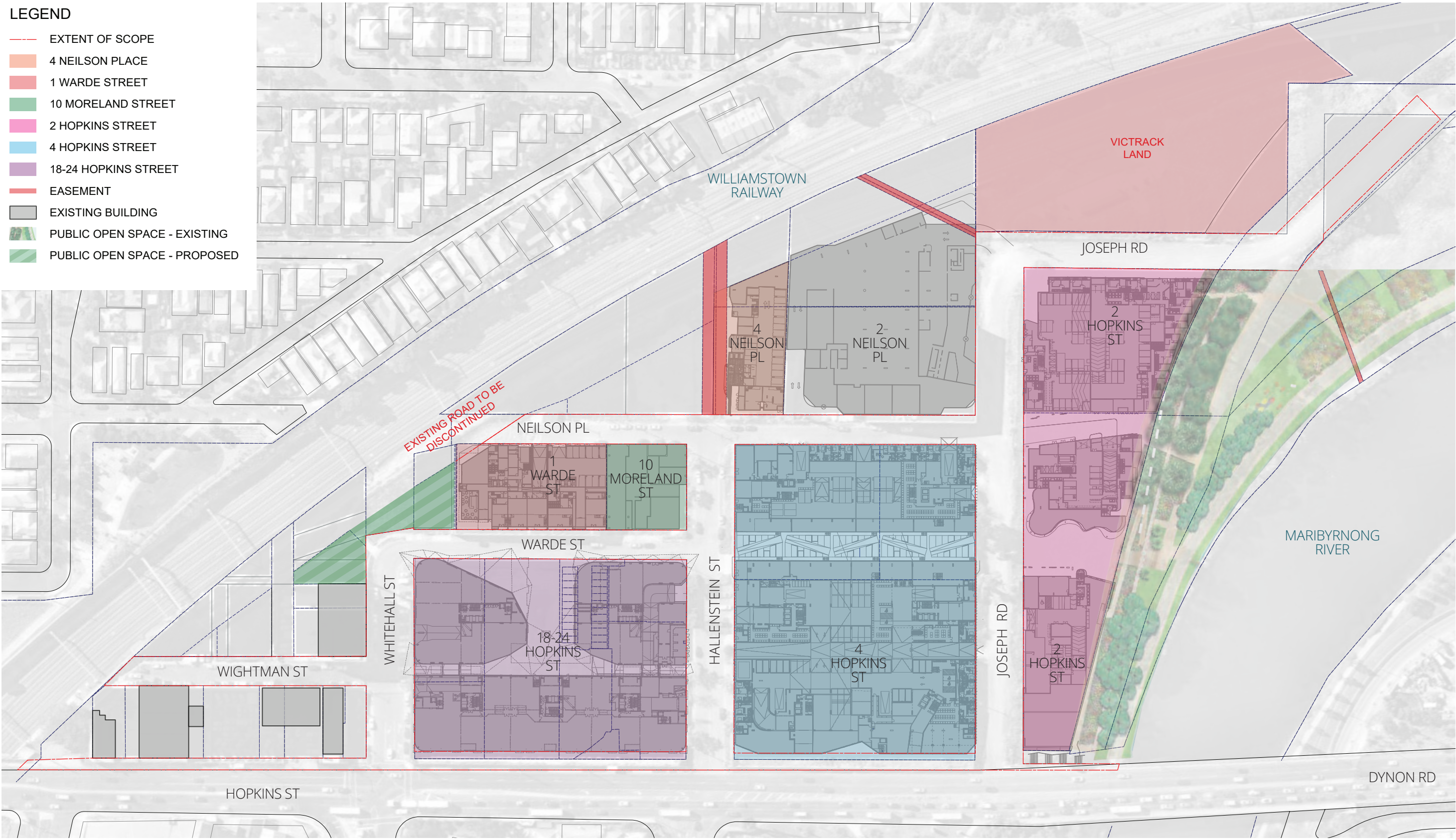


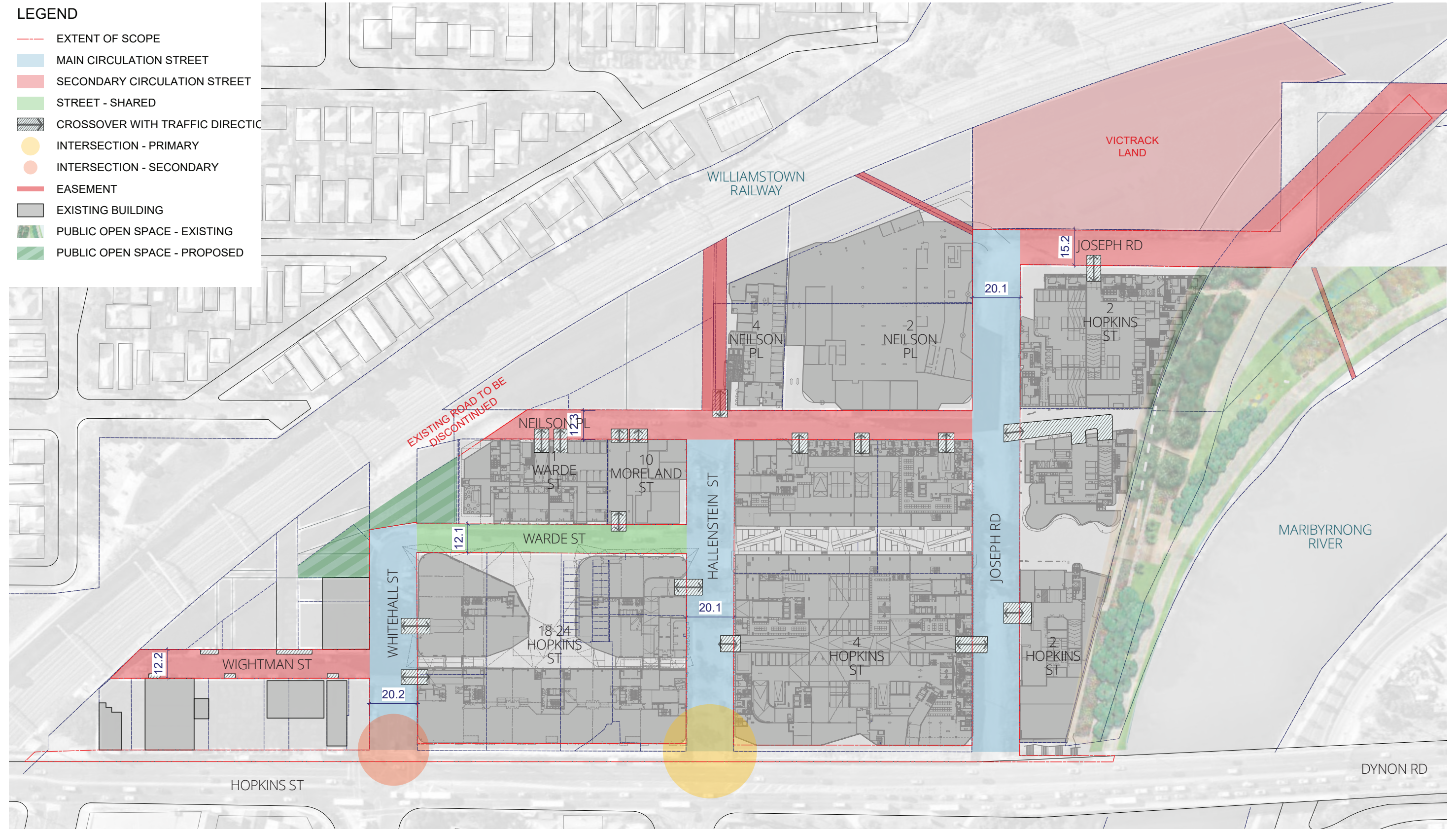
5.4. Existing and Proposed Site Circulation



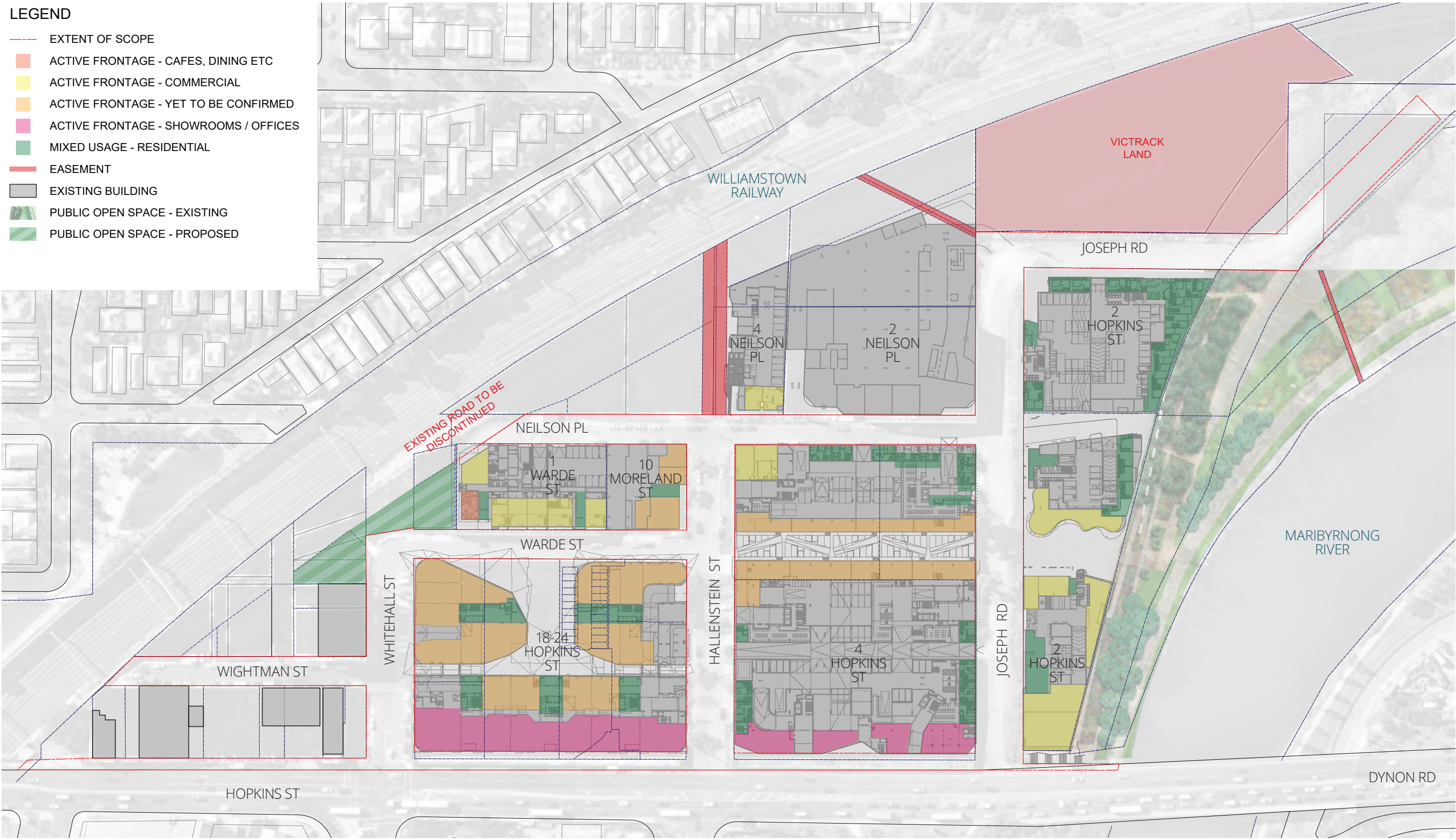
5.5. Overall Ground Floor Plan



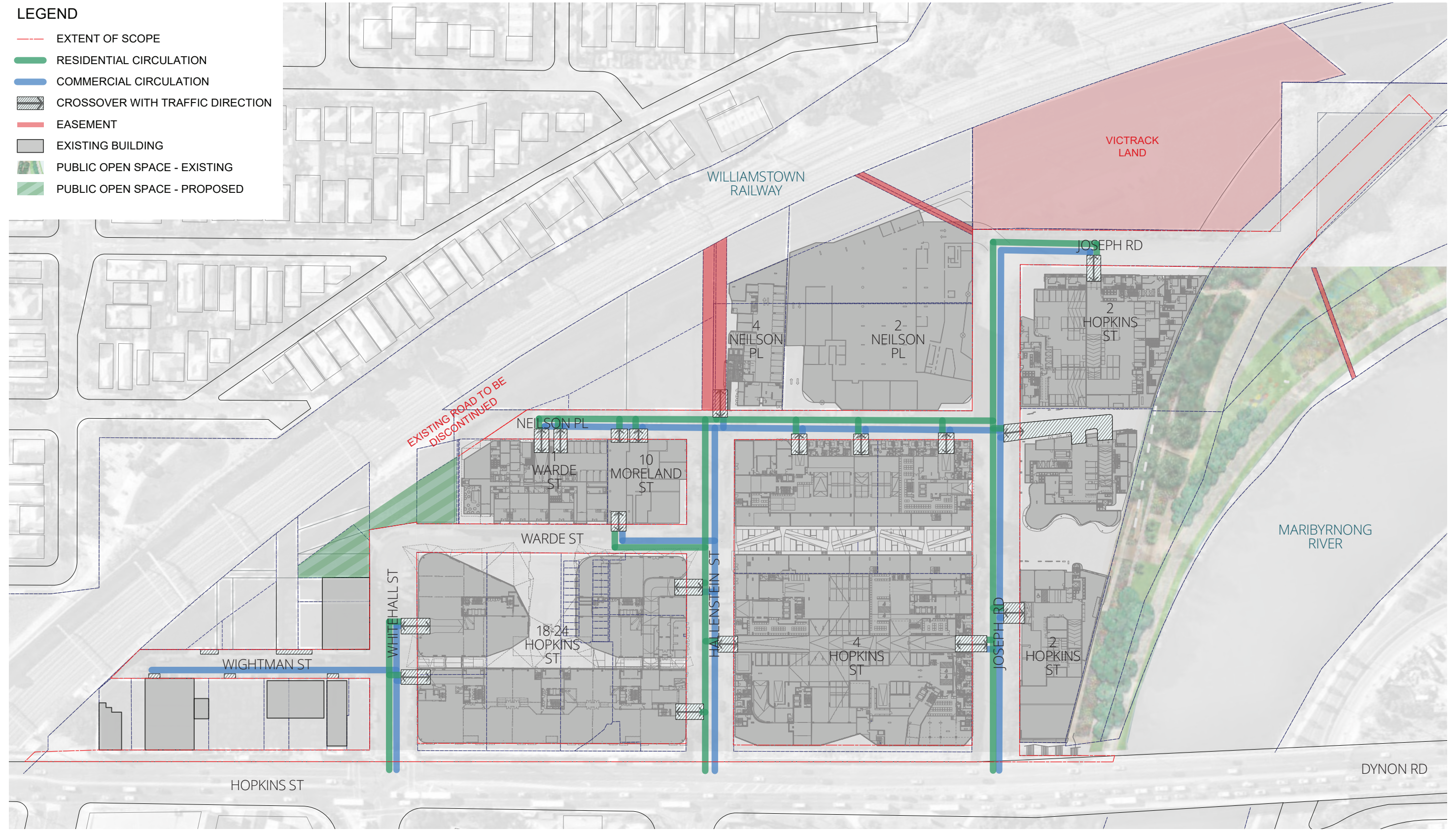
5.6. Proposed Street Typology



5.7. Proposed Street Frontage Typology



5.8. Proposed Vehicle Movements



6. Schedules



6.2. Remaining Design Work

This schedule covers the anticipated remaining design work to acheive the Proposed Public Realm Plan. This design work is including but not limited to the following.

6.2.1 Landscape Architectural Scope

Concept design

- Undertake concept design of the Whitehall street open space
- Undertake Concept design of proposed pedestrian/cycle link and any other footpath connections along railway boundary
- VicRoads approval of proposed shared zone
- VicRoads approval of signalised pedestrian crossing at Hopkins Street
- Further develop design at Hopkins Maribyrnong River Bridge and seek relevant approvals for changes to existing structure

Detailed design

- Preparation of all typical detail and junction details
- Coordination with development architects to resolve any issues with the FFL and the RL of the proposed public realm
- Preparation of detailed cross sections of streets
- Preparation of detailed levels and grading plans
- Preparation of documentation package for construction and tender purposes
- Landscape specifications, bill of quantitates and cost estimates
- Final confirmation of tree species selections
- Confirmation of all building overhangs and any potential clashes with public realm functions including vehicle movements

6.2.2 Civil Scope

Functional layout, road safety audit, service proving and geotechnical

- Progress the public realm plan to a functional layout plan
- Undertake utility services capacity investigation to determine supply and loads of new development, and impact on existing infrastructure
- Ongoing liaison with drainage and roads authorities as required to achieve the proposed functional layout
- Commission geotechnical consultant to undertake geotechnical investigation and provide recommendations on pavement design and subgrade preparation
- Horizontal geometrical design for roads, kerbing, vehicle crossovers, drainage and services
- Electrical Undergrounding concept design
- Public lighting preliminary design
- Preliminary Signage and Linemarking design
- Undertake Road Safety Audit
- Commission service locator and non-destructive digging contractor to identify critical services and areas where potential clashes are likely following approval by Council

Civil detailed design

- Incorporate agreed Road Safety Audit recommendations in design
- Progress design to Detailed Design Submission
- Vertical geometrical grading of roads, kerbs, paths and drainage
- Vertical grading of proven services to identify clashes
- Pavement Design
- Bulk Earthworks Design
- Setout Design
- Signage and Linemarking
- Coordinate design of Hopkins Street intersections upgrade works with VicRoads and Council
- Prepare Specifications, Bill of Quantities and Cost Estimates
- Submission of public lighting plan to Jemena Electricity Networks for approval
- Electrical and Services design approvals sought and reviewed

7. Appendix Civil and Traffic Inputs





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SHOWN ARE SUBJECT TO FURTHER DETAILED DESIGN.

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																Project JOSEPH ROAD PRECINCT				Sheet Subject EXISTING SERVICES PLAN				Scale : A1 Job No 164020				Drawing No C000				Revision C				Plot File Created: Jan 11, 2017 - 9:43am																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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PROPOSED WORKS LEGEND:

- PROPOSED KERB
- EXISTING DRAINAGE TO BE MAINTAINED
- EXISTING DRAINAGE TO BE ABANDONED AND/OR REMOVED
- PROPOSED DRAINAGE PIT, PIPE, SIZE AND FLOW DIRECTION
- PROPOSED SIDE ENTRY PIT
- PROPOSED GRATED JUNCTION PIT
- PROPOSED JUNCTION PIT

SCALE 1:500 0 5 10 15 20 25 m
AT ORIGINAL SIZE

NOTES:

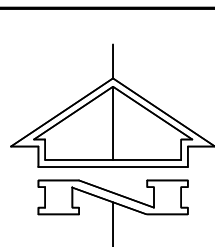
- REFER TYPICAL STREET SECTIONS FOR SERVICE ALIGNMENTS BENEATH PROPOSED STREETSCAPE
- REFER STORMWATER LONGITUDINAL SECTIONS FOR DETAILED DRAINAGE INFORMATION
- ALL OVERHEAD POWER WITHIN PRECINCT EXTENT IS TO BE RELOCATED UNDERGROUND
- ALL PROPOSED STORMWATER PITS TO BE IN ACCORDANCE WITH RELEVANT MARIBYRNONG CITY COUNCIL STANDARD DRAWINGS

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C	ISSUED FOR INFORMATION ONLY	SK	RB	12.12.16
B	ISSUED FOR INFORMATION ONLY	SK	RB	05.12.16
A	ISSUED FOR INFORMATION ONLY	SK	RB	05.09.16
Rev	Description	Eng	Draft	Date

Rev	Description	Eng	Draft	Date
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THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN



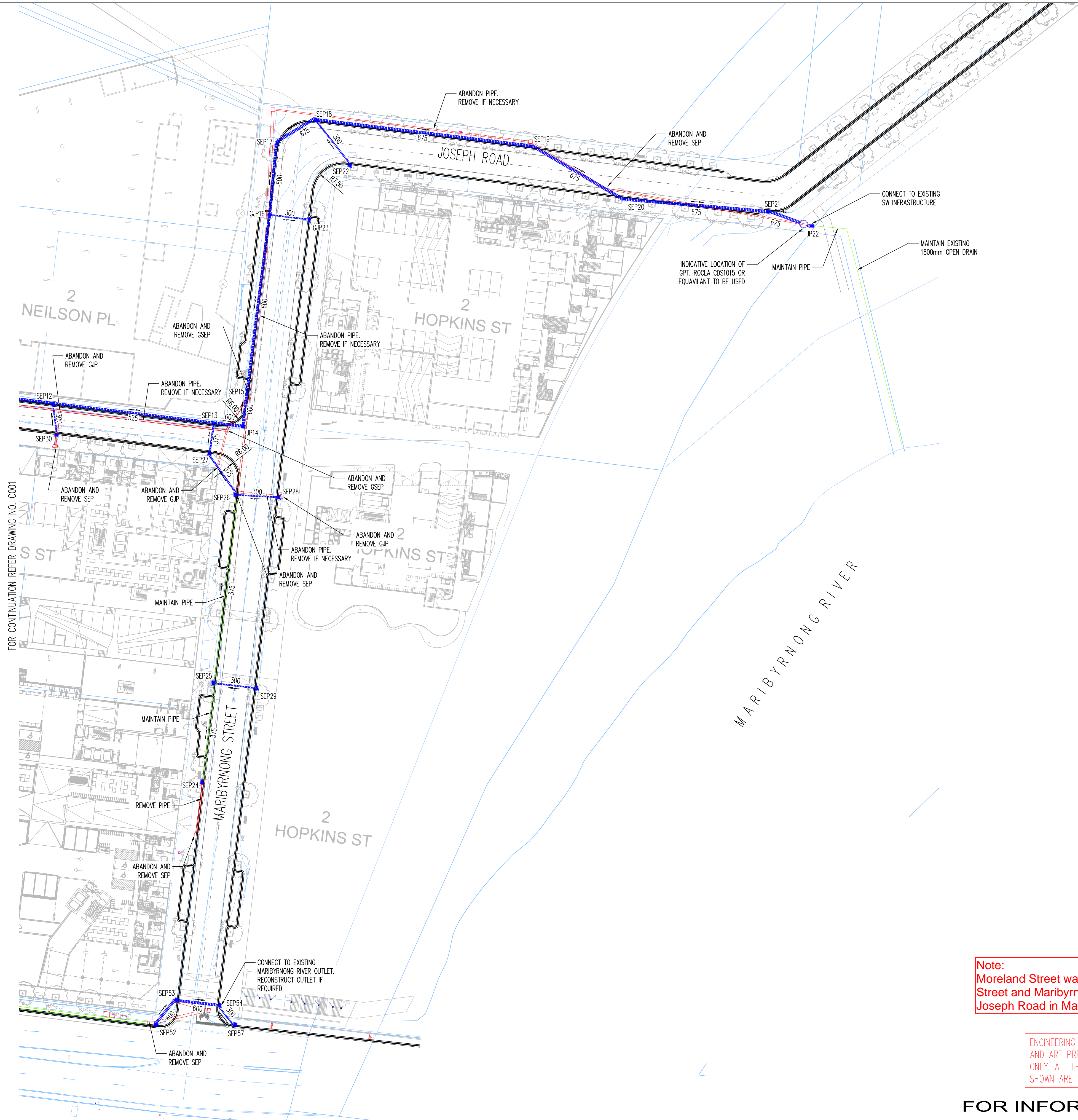
Client
61 Napier Street, Footscray, VIC 3011

TTW Taylor Thomson Whitting
613 9602 1433 | L13 379 Collins Street Melbourne VIC 3000
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Project
JOSEPH ROAD PRECINCT

Sheet Subject
MINOR STORMWATER (5 YEAR ARI) DRAINAGE CONCEPT
PLAN SHEET 2

Scale : A1	Drawn: SK
Job No 164020	Drawing No C002
	Revision D
Plot File Created: Jan 31, 2017 - 2:37pm	



Note:
Moreland Street was renamed to Hallenstein Street and Maribyrnong Street was renamed to Joseph Road in May 2017

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