

Trinity Valley Stormwater Upgrade Project

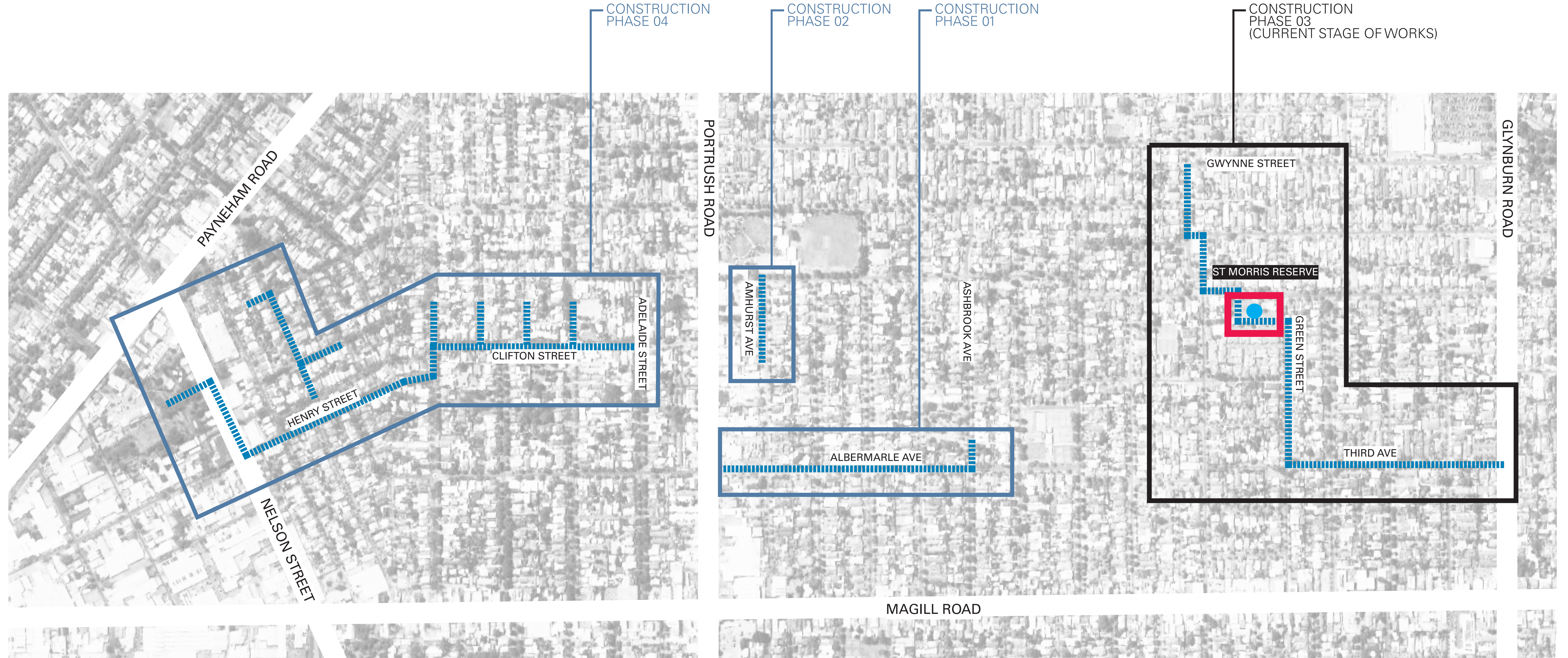


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Stormwater Upgrades

Overview

The Trinity Valley Stormwater Drainage Upgrade Project is a jointly funded Council and Federal Government project which involves the staged upgrade of stormwater infrastructure through the suburbs of St Morris, Trinity Gardens, Maylands and Stepney and in order to reduce the risk of flooding. The Trinity Valley Stormwater Drainage Upgrade Project will be delivered in four phases- refer below.



- ▬▬▬▬▬ Stormwater infrastructure upgrades
- ▬ St Morris Reserve
- Detention basin location

Phase 1
Overland flow interception and detention storage within Albermarle Avenue, Trinity Gardens. Scheduled to be delivered in 2023-2024.

Phase 2
Overland flow interception and detention storage within Jones Avenue and associated pipework along Amhurst Avenue, Trinity Gardens. Scheduled to be delivered in 2023-2024.

Phase 3
Overland flow interception and detention storage (ie detention basin) within St Morris Reserve, St Morris. Scheduled to be delivered in 2023-2024.

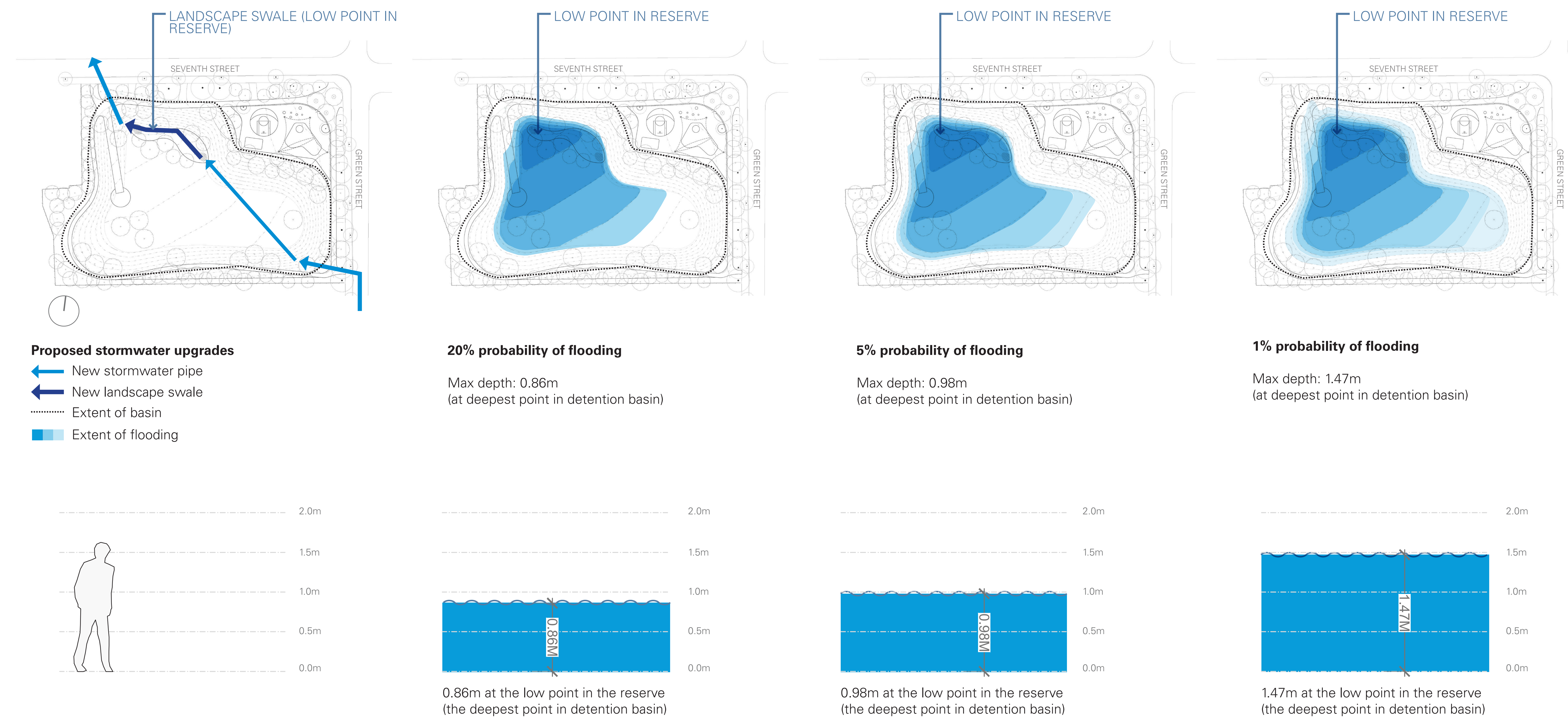
Phase 4
Overland flow interception and trunk drainage capacity upgrades within the suburbs of Stepney and Maylands. Scheduled to be delivered in 2024-2025.

Role of the Detention Basin at St Morris Reserve

The diagrams below show potential flood levels in St Morris Reserve, following the implementation of the proposed upgrades to the stormwater infrastructure.

Flood levels are shown at:

- 20% probability of flooding in a given year
- 5% probability of flooding in a given year
- 1% probability of flooding in a given year



St Morris Reserve Concept

Recreational & Landscape Upgrades

Project Overview & Goals

As part of the stormwater upgrades proposed for St Morris Reserve, Council is seeking input from the community on possible upgrades to St Morris Reserve, including new play equipment, recreational amenities and landscaping.

Council has identified the following project goals:

Create new opportunities for recreational & sporting activities.

Improve circulation and make the reserve more equitable for all.

Increase amenity options for residents & enhance the sense of place.

Enhance the environment through new greening opportunities and increased biodiversity.

Possible Reserve Ideas



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St Morris Reserve Concept

Recreational & Landscape Upgrades



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Concept Plan



1 Upgraded playground	7 Lawn / detention basin	13 Maintenance access path
2 Entry statement	8 Garden beds / landscaping	14 Steps
3 Basketball court	9 Stormwater outlet/inlet	Viewshed of artist impression
4 Possible shelter / toilet	10 Boundary fencing	New tree
5 Graded lawn	11 Playground fence	Existing tree
6 Path	12 Landscaped WSUD swale	

NORTH

PLAN SCALE 1:200 / A0

Enlarged Playground Concept Plan



NORTH

NOT TO SCALE

St Morris Reserve Concept

Recreational & Landscape Upgrades



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View 01 (artist impression)



View 02 (artist impression)

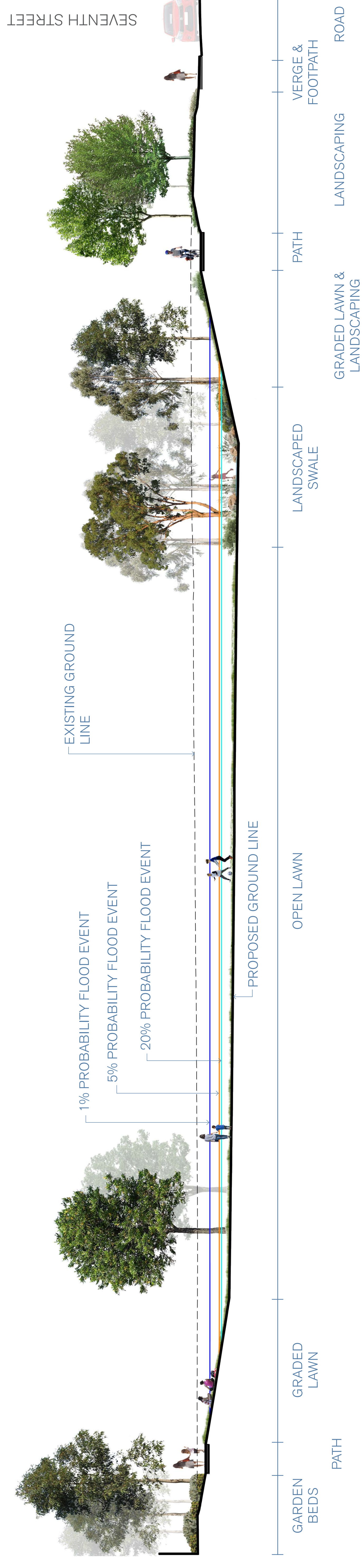


St Morris Reserve Concept

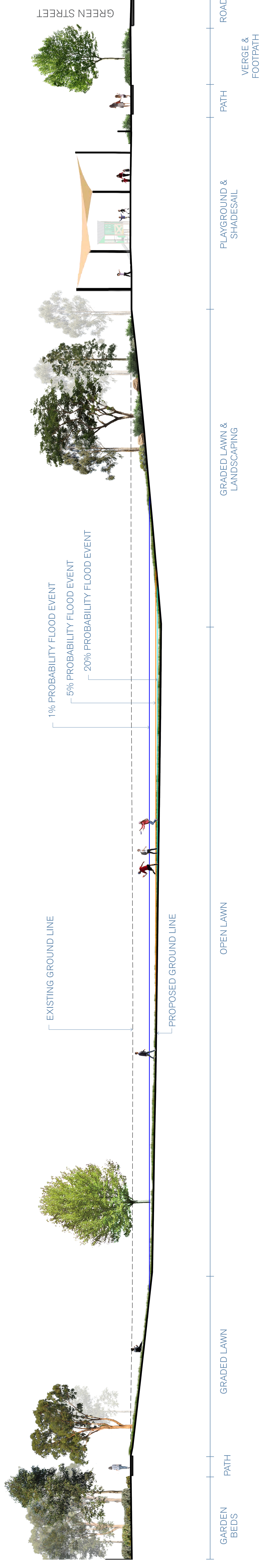
Recreational & Landscape Upgrades

Site Sections

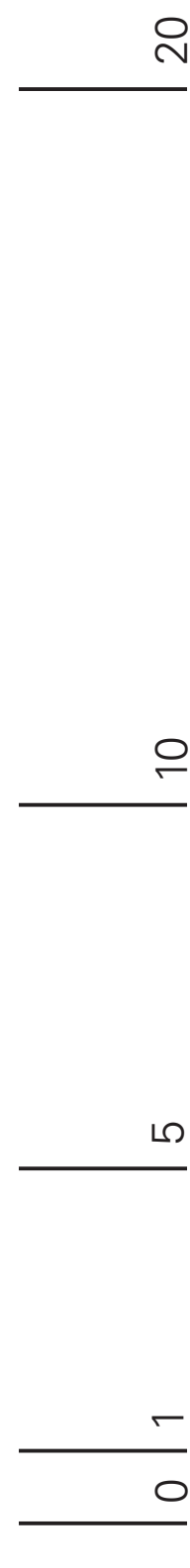
Section AA



Section BB



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