

10.0 COOPER ROAD PARK

General Character:

This park provides a relatively narrow secondary access point through the western perimeter of the site. Pedestrians and cyclists can enter the park via Cooper Road through an easement between existing residential lots to the north and south. The park is approximately 0.06h in size and will be the corner stone for the integration of WSUD design principles and active water use within the site. The east west orientation of the park creates a linear, green through site link, allowing for connectivity of vegetation communities and pedestrian movement to key areas of the site.

The pocket park is retained to Cooper Road frontage, suited for passive recreation and pedestrian respite to the adjacent streetscape and residences. A series of articulated seating walls activates the space whilst expressing the overall image and formal character of the development.

The linear nature of the planting creates a visual link along the linear park up to the crest of the hill, over the WSUD biofiltration/detention basins. The basins are treated in a formal way using urban materials with references to both the intermittent water body and the history of the site.

A linear park corridor creates a pedestrian link from Cooper Road Park uphill to the Canal Park serving both residents and park users alike. A series of terraced turf breakouts spaces allow for an open visual connection and direct passive recreational use, taking advantage of the site topography, distant mountain views and urban connections. Linear planting of park and street trees emphasize the visual corridor. The lateral planter beds can potentially be used as biofiltration rain gardens, celebrating the water movement and sustainability in this urban setting. Some key points are listed below;

Aspect and Views

- Strong, clean linear views in and out of the site leads the eye towards the highest point of the site linking up with Canal park.
- Take advantage of the high point to enhance the opportunities for improved views and vistas to other vantage points within and outside of the site

Accessibility

- Secondary western entry point for pedestrian and cyclist's access to residential zones and parks.
- Continuity of and connectivity to local and recreational paths linking the entire site.

Materials:

- Predominantly robust contemporary materials such as concrete and steel combined with natural materials (Sandstone / Timbers/ gravels). In this way the more contemporary urban character of the park will be reflected through the choice of materials and also complement the more natural character of the softscape palette.

Plantings:

- Formal planting of native trees to enhance restoration of vegetation communities in selected areas to promote visual linkages of fragmented native vegetation
- Canopy trees to provide shade and visual amenity.
Colourful contemporary understory planting using low maintenance, architectural species.

WSUD Elements:

- Contemporary detention basin forms.
- Stormwater control structures using contemporary materials where possible
- Interpretive elements within water features to raise environmental awareness
- Creation of open space for increased public amenity in selected areas within detention basins

Ecological:

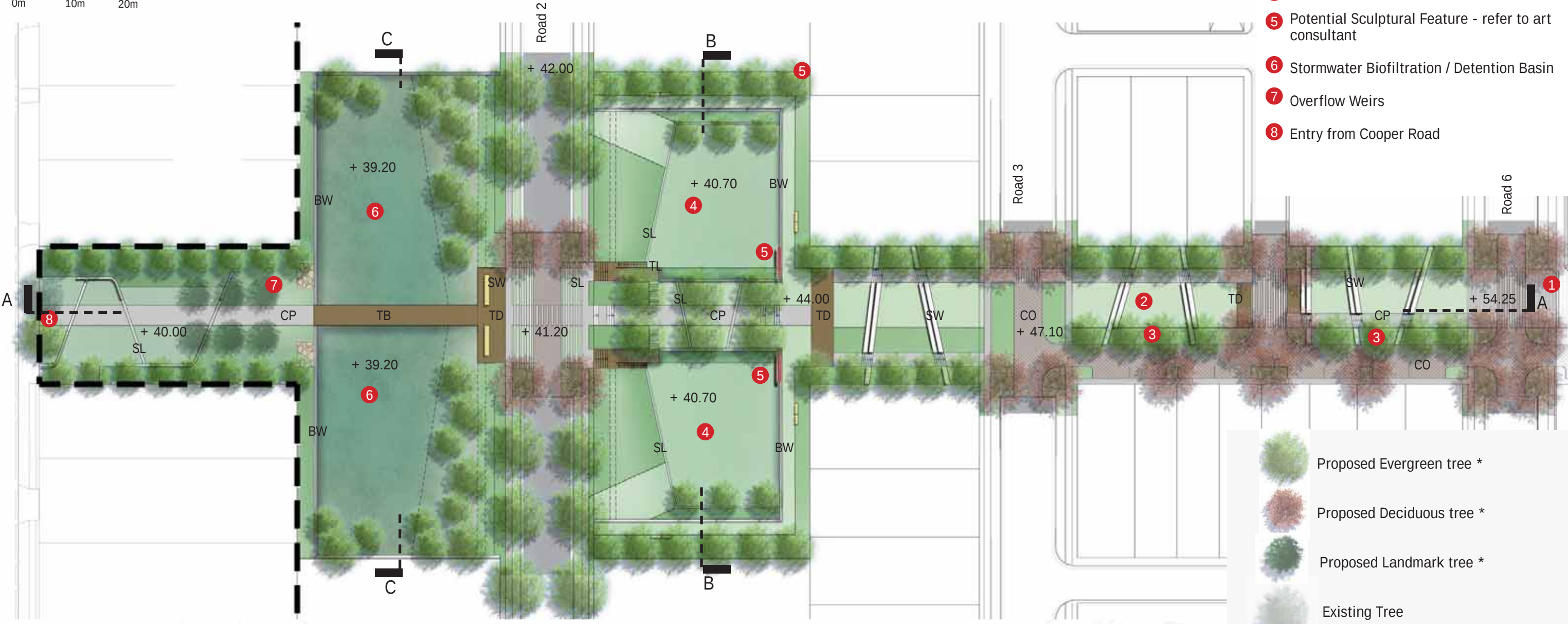
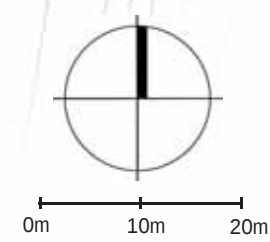
- The Ecological assessment of this proposed open space area is identified as being previously dominated by Cumberland Plain Woodland.
- Protection of existing native vegetation communities, where possible, within the park.
- Planting of trees to enhance restoration of vegetation communities in selected areas to consolidate or promote linkages of fragmented native vegetation.

Heritage/ Public Art/ Interpretation

- This park has limited heritage significance from a cultural point of view but its strength lies in the opportunity for visual connection and interpretation of the dominant use of the site which is the movement, distribution and treatment of water.
- Interpretive reuse of water movement components of historical Sydney Water infrastructure elements within park design.
- Interpretive elements within water storage bodies to promote visual interest and awareness of the activities of Sydney Water and the historic use of the site

Community/Recreational:

- Passive open space
- Pedestrian/cycle links to the rest of the site
- Interaction with and education of the use and benefits of WSUD elements



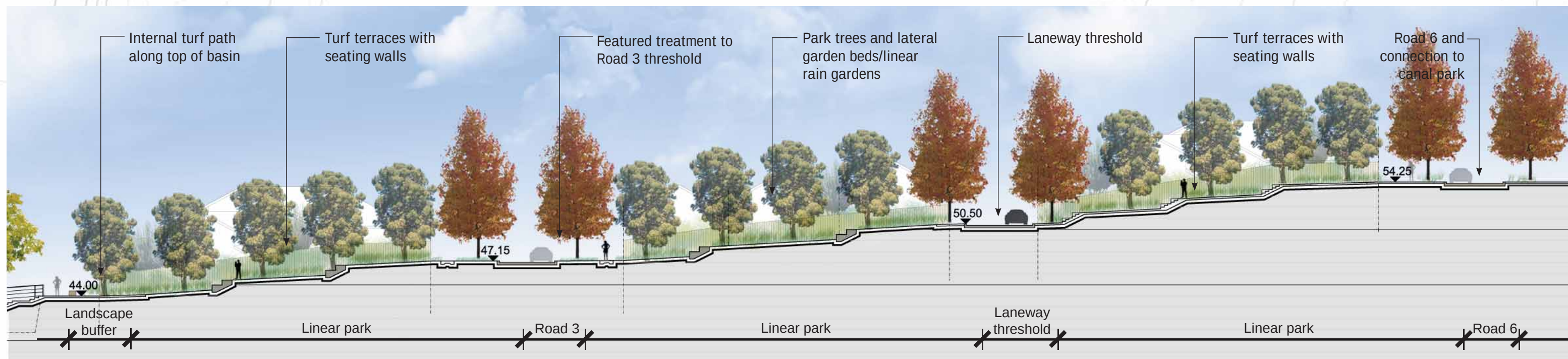
- 1 Connection to Canal Park
- 2 Lawn Terraces with Distant Mountain Views
- 3 Potential Rain Gardens / Bioswale
- 4 Active Detention Basin
- 5 Potential Sculptural Feature - refer to art consultant
- 6 Stormwater Biofiltration / Detention Basin
- 7 Overflow Weirs
- 8 Entry from Cooper Road

- Proposed Evergreen tree *
- Proposed Deciduous tree *
- Proposed Landmark tree *
- Existing Tree

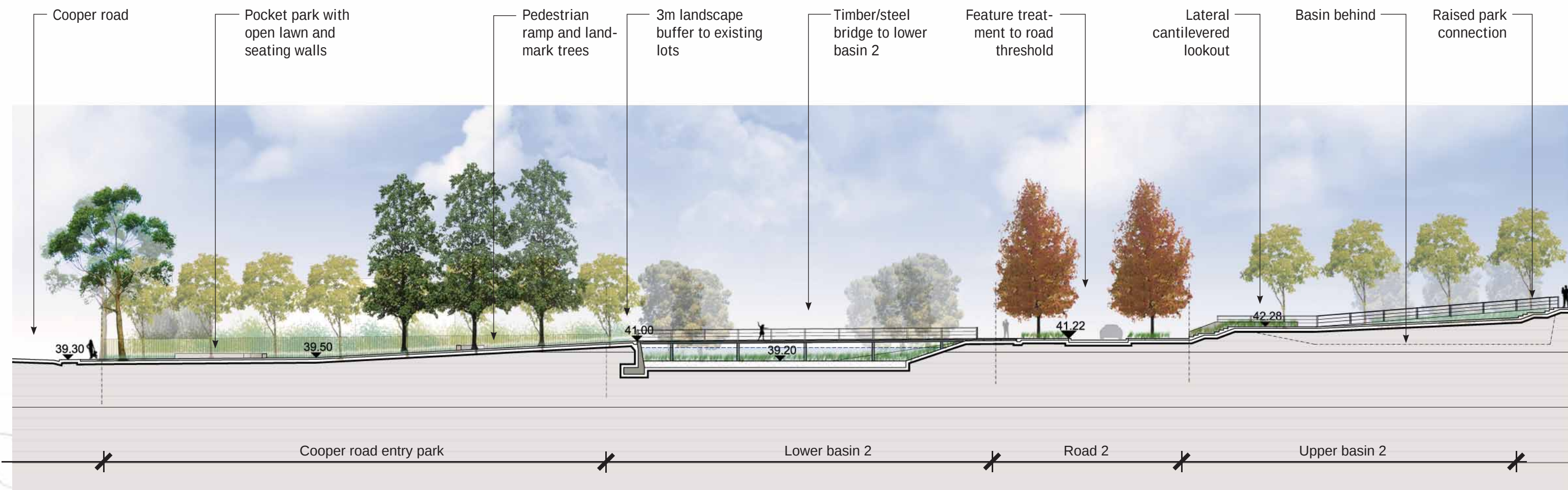
- Turf
- Planting *

Note:
* Refer to indicative planting schedules on part 14

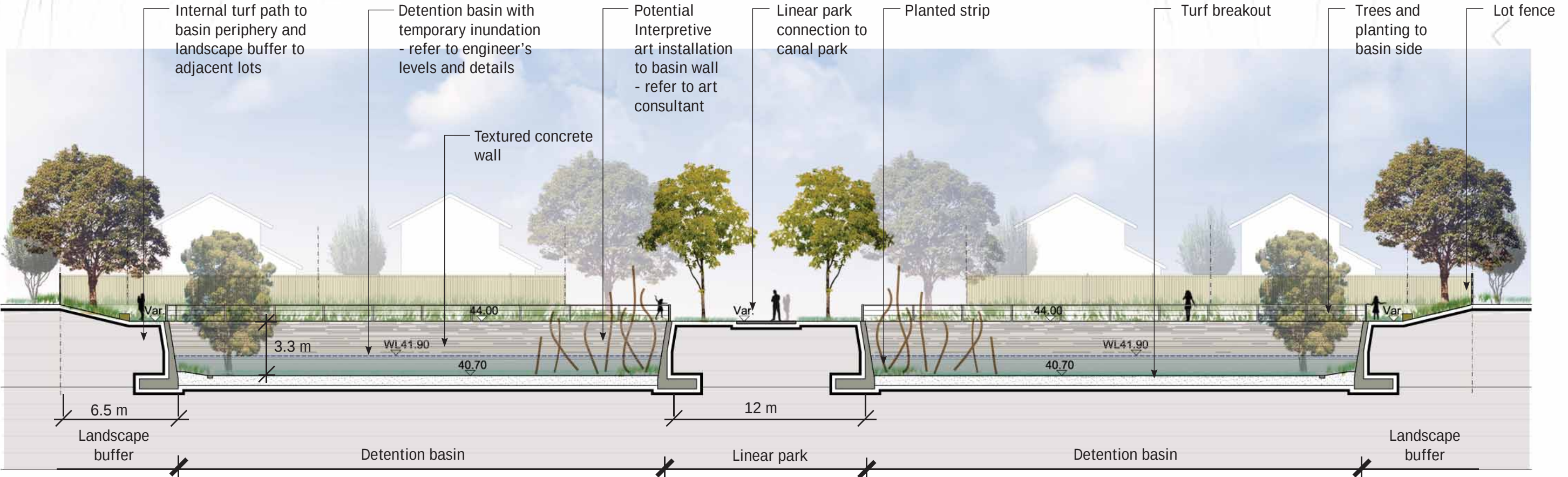
- BW - Basin Walls - Textured In-Situ coloured Concrete
- SL - Pre-Cast Patterned Concrete Sleepers in Turf
- TD - Timber Deck
- CP - Concrete Paths and steps
- SW - In Situ Concrete Seating Wall
- TL - Cantilevered Timber Lookout
- CO - Concrete Pavers to Shared Zone
- TB - Timber and Steel Bridge



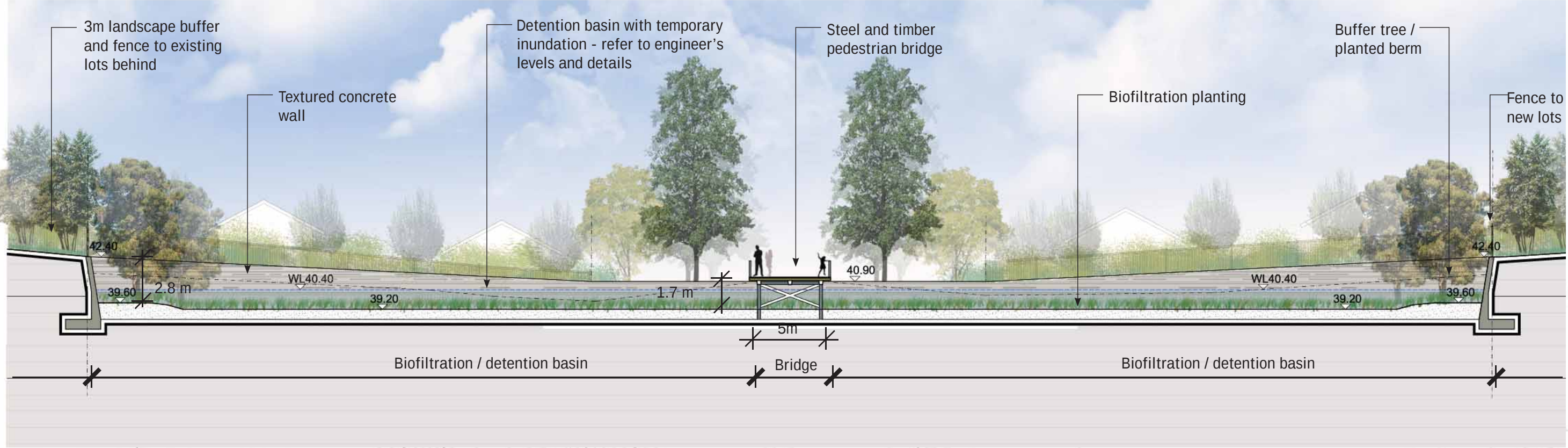
LONG SECTION AA - UPPER



LONG SECTION AA - LOWER



UPPER BASIN SECTION B B



LOWER BASIN SECTION C C