

landscape concept

Biological Sciences Project

28 January 2015

LANDSCAPE PRINCIPLES AND DESIGN INTENT

This Landscape Statement shall be read in conjunction with Landscape Plans CP01 to CP03 and all other consultants' plans.

In general the Landscape Architectural Plans set out to:

1. Provide a functional and stimulating environment that is responsive to the site and architecture of the development.
2. Select plant species suited to the various microclimatic conditions and desired requirements/characteristics of the site. The plant selection is a mix of both native and exotic species. All species have been cross-checked with relevant Weed and Noxious Species Lists and BASIX requirements and are satisfactory.
3. Review and incorporate all input from the project team's consultants into the design.

The landscape design for this project has been developed to provide a functional and usable setting for the proposed new Biological Sciences Precinct. Spaces are designed to activate and encourage use of the buildings immediate surrounds and provide students with an extension of the internal informal learning and study spaces. The careful selection of materials and palette of plants ties the new building seamlessly into the existing university campus.

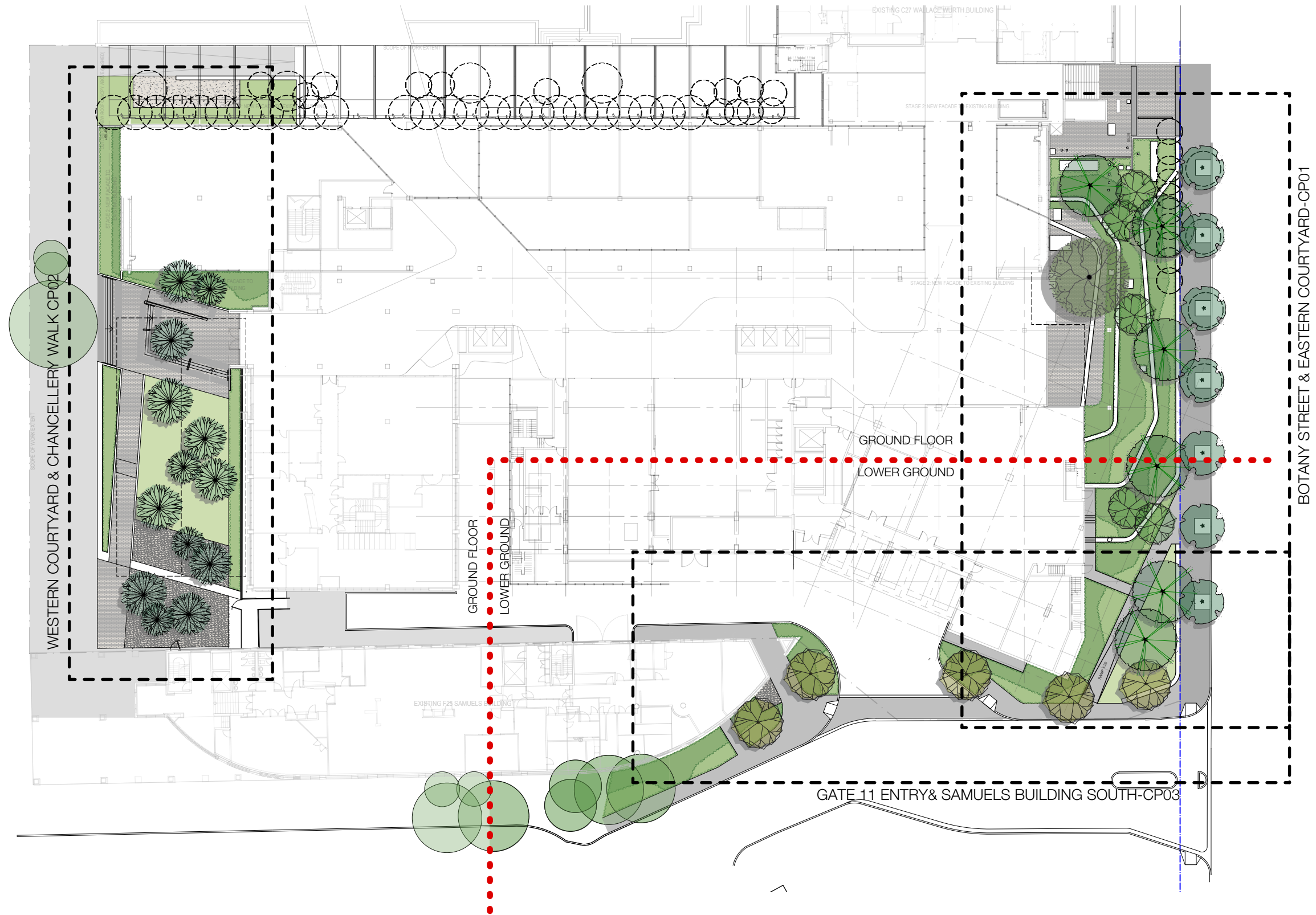
The landscape aims to respond to the key objectives of the overall masterplan approach, reflecting the local campus grounds and local character and giving consideration to the existing and proposed facilities, needs of students and staff and visual aesthetic. Utilising the existing topography of the site and the elevated entrances to the building, the landscape design provides a multi-layered experience from Botany Street through the ground level of the new building to the Chancellery Walk.

The primary Landscape Components of this project can be divided as follows:

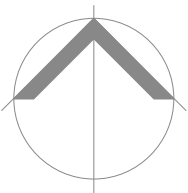
- Botany Street and Eastern Courtyard - CP01
- Western Courtyard and Chancellery Walk - CP02
- Gate 11 Entry / Samuels Building South - CP03

CONCLUSION

The landscape design ensures the proposed development sits comfortably within the site and surrounding area. The landscape is simple in its structure and materials yet functional and responsive to the university campus setting. It responds well to the sites varying spaces and challenges.



NORTH



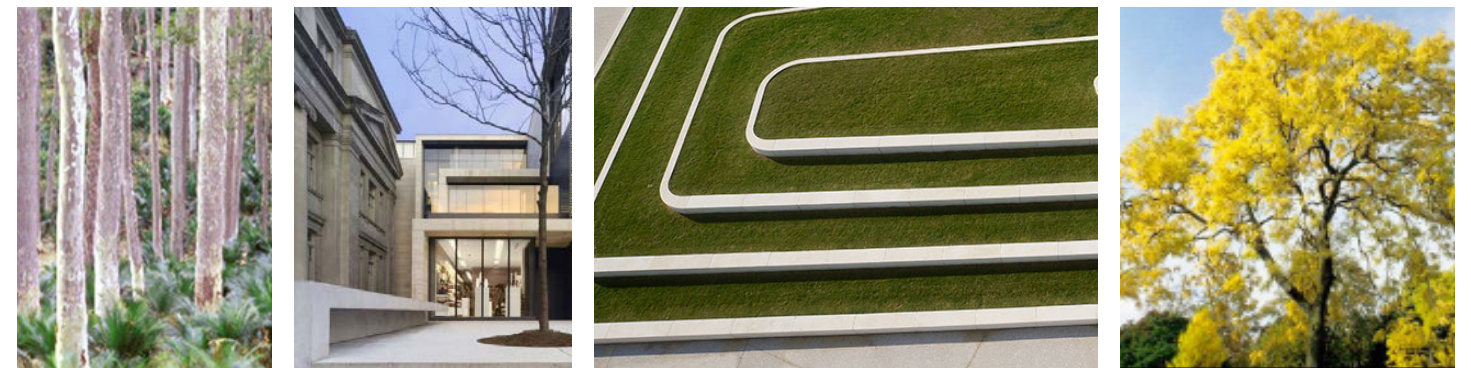
BOTANY STREET / EASTERN COURTYARD

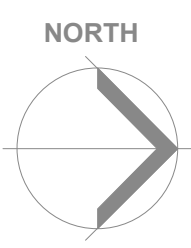
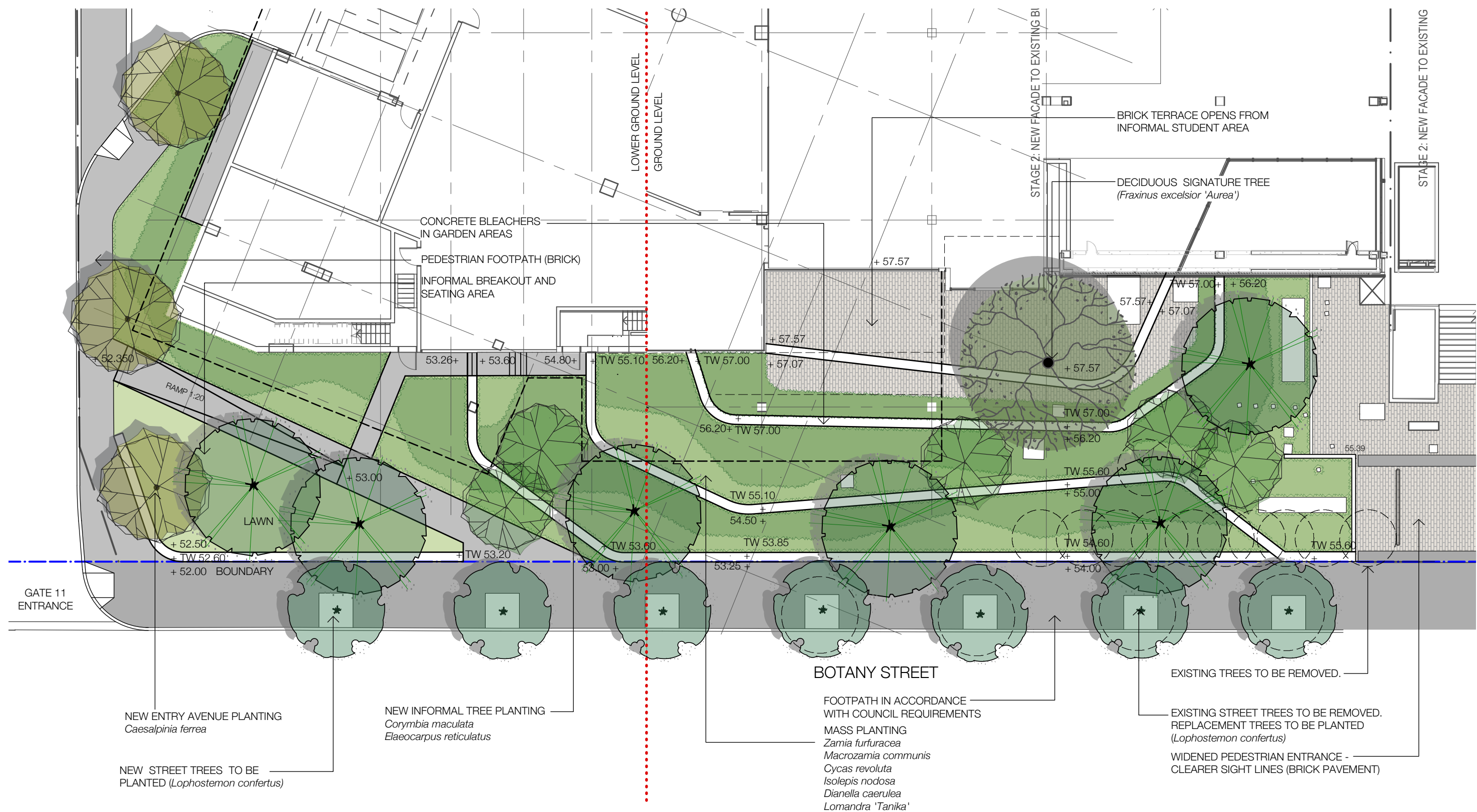
A new landscape forecourt is provided on the eastern edge of proposed new Bio Science Building that opens into a multi-level landscape space in-front of two building masses. Opening directly off the informal study space the upper terrace provides room for table and chairs. The courtyard features a Golden Ash (*Fraxinus excelsior* 'Aurea') that provides a canopy over the courtyard and provides a intimate setting. Concrete bleachers enhance and traverse the landscape intertwined with soft planting to Botany Street public domain. The edges along the upper terrace and the boundary with Botany Street provide two incidental seating edges.

The Botany Street frontage is mass planted with an understory of cycads and grasses (*Cycas revoluta*, *Zamia furfuracea*, *Macrozamia communis*, *Isolepis nodosa*, *Lomandra* 'Tanika', *Dianella caerulea* and *Blechnum cartilagineum*). Trees (*Corymbia maculata* & *Elaeocarpus reticulatus*) are located to frame the entrance, break the scale of the building and provide a buffer between the building and street.

Along Botany Street public domain new and replacement street tree planting of Brush Box (*Lophostemon confertus*) provides continuity. Street tree planting and footpath design are to comply with Councils Public Domain Guidelines.

It is proposed that materiality remain consistent throughout the ground floor of the building and the eastern and western entrances to reinforce a visual connection from Botany Street courtyard through to the Chancellery Walk. Paving materials with minimal maintenance requirements are to be selected.





WESTERN COURTYARD / CHANCELLERY WALK

The landscape on the western side of the Bio Science building opens onto the southern end of the Chancellery Walk. The space on the west side of the new building provides the opportunity to create a courtyard space that is nestled amongst a grove of palms (*Livistona australis*). The selection of palms for this space provides a termination of the planting along the Chancellery Walk and is a suitable selection as they may be successfully transplanted should the future use of this space be changed.

The level change between the new building and existing pavement provides an opportunity for a multi level space to be created. The main entrance to the building is provided via stairs and an accessible ramp (addressing staff and students from the south) off the Chancellery Walk. To the south of the entrance terrace a mid level courtyard planted with a grove of palms in lawn and decomposed granite, maximise the use of space available and provide an informal gathering space and a landscape buffer between the building and the Chancellery Walk. Understory planting along the perimeter of the building (*Zamia furfuracea*, *Bershorneria yuccoides*, *Philodendron 'Xanadu'* and *Isolepis nodosa*) mirror the understory planting along Botany street grounding and softening the edge of the building.

