



BLIGH TANNER
CONSULTING ENGINEERS

KEY PROJECTS

Bligh Tanner were project engineers on Stage 1 Southern Cross University's major presence in Tweed Heads. The project demanded structural and civil input from Bligh Tanner.



Rear courtyard of main building



Main building of Southern Cross University, Tweed Heads

SOUTHERN CROSS UNIVERSITY, TWEED HEADS



Main entrance Tweed Heads Campus and the complex geometry of the auditorium 'petals'

STRUCTURAL

Bligh Tanner managed the concept design through to construction services. Innovative aspects included:

- Development of an economical high level foundation solution in the loose sands to avoid piling
- Precasting of exposed concrete walls that combine with in-situ columns to stabilise the 3-storey building
- Post-tensioned long span floors for future flexible space

CIVIL

Bligh Tanner were responsible for detail design to integrate changes to existing civil works.

- Subdivision of property from Tweed Heads Shire Council Administration Building
- Entrance roadworks , carparking and site stormwater design.

CLIENT	Southern Cross University
PROJECT ARCHITECT	Fulton Trotter & Partners
BT'S ROLE	Structural and Civil Engineers
LOCATION	Tweed Heads, NSW