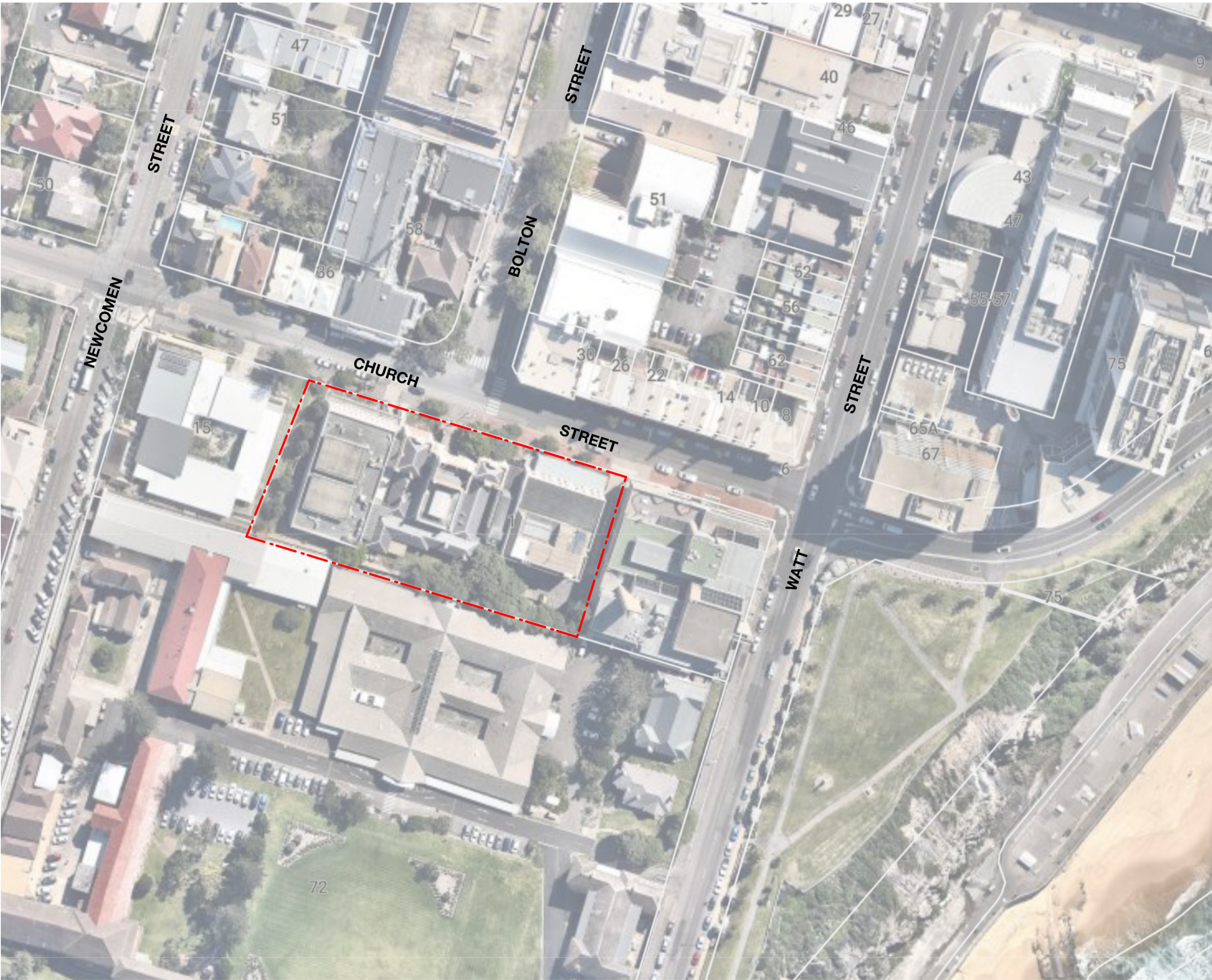


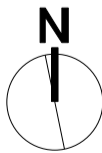
# NIHON UNIVERSITY AUSTRALIA NEWCASTLE CAMPUS

## LANDSCAPE DEVELOPMENT APPLICATION DOCUMENTATION (DA)

9 CHURCH STREET, NEWCASTLE,NSW 2300. LOT 1 D.P. 1199904



LOCATION PLAN  
Scale NTS



### DRAWING SCHEDULE

DWG NO.	DRAWING TITLE	ISSUE	DATE
LP01	COVER SHEET	REV D	27.11.2018
LP02	SITE ANALYSIS	REV D	27.11.2018
LP03	SITE PHOTOGRAPHY	REV D	27.11.2018
LP04	DESIGN STATEMENT	REV D	27.11.2018
LP05	LANDSCAPE PLAN - 1ST FLOOR	REV D	27.11.2018
LP06	LANDSCAPE PLAN - 4TH FLOOR + STREET ELEVATION	REV D	27.11.2018
LP07	PLANTING & THEMING PALETTE	REV D	27.11.2018



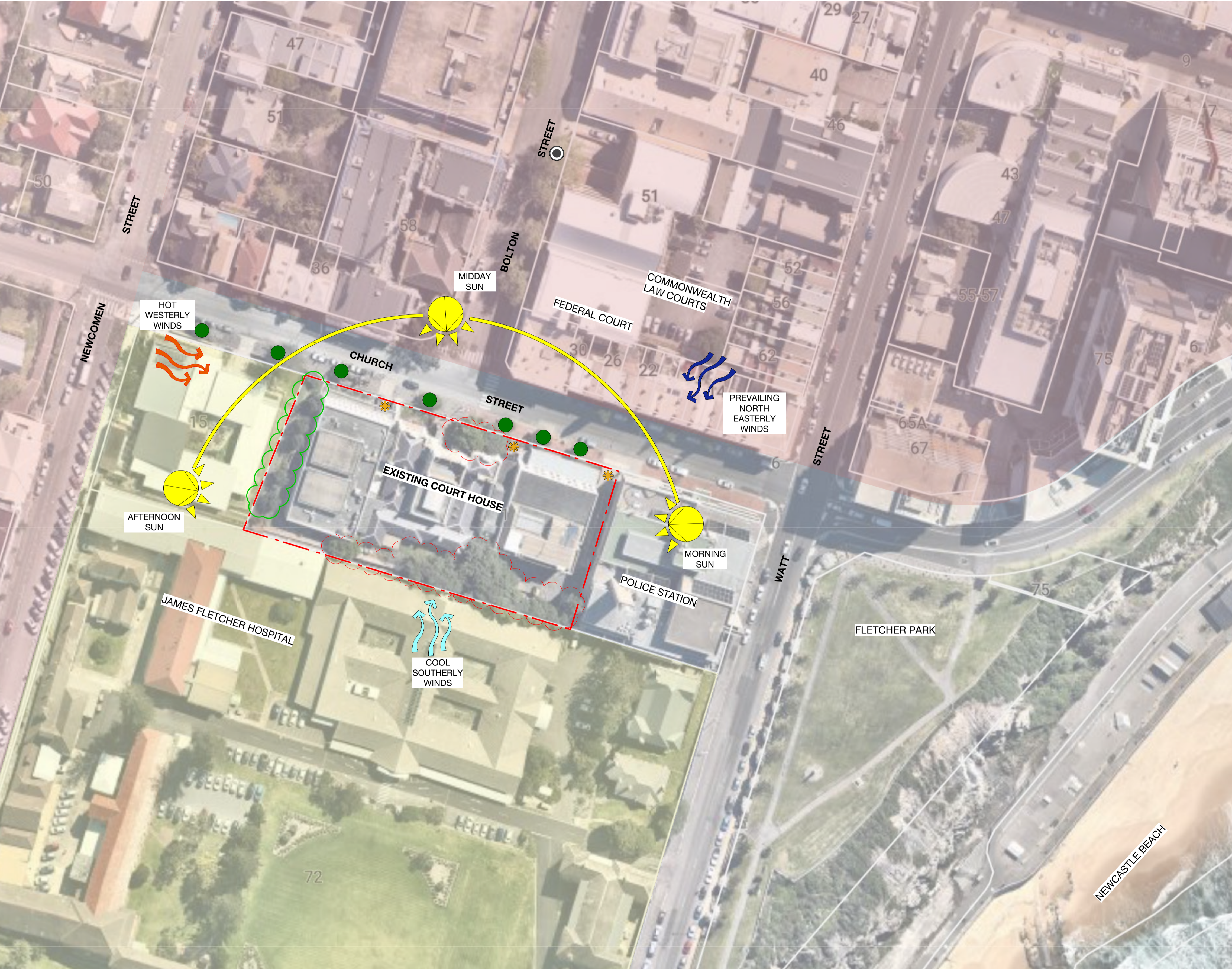
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No.	Date	Revision
A	31.10.2018	DRAFT CONCEPT
B	13.11.2018	DRAFT DA
C	19.11.2018	UPDATE DA
D	27.11.2018	UPDATE DA

PROJECT: <b>NIHON UNIVERSITY AUSTRALIA NEWCASTLE CAMPUS</b> 9 CHURCH STREET, NEWCASTLE, NSW 2300. LOT 1 D.P. 1199904	
CLIENT: <b>NIHON UNIVERSITY</b>	STATUS: FOR SUBMISSION

DRAWING: <b>COVER SHEET</b>	
PROJECT NUMBER: 1691	SHEET: 01 OF 07

DRAWN BY: CX	CHECKED BY: BR	APPROVED BY: BR
SCALE: NTS		REV: D
DATE: 27.11.2018		DRAWING: LP01



Google map  
Scale: NTS

N

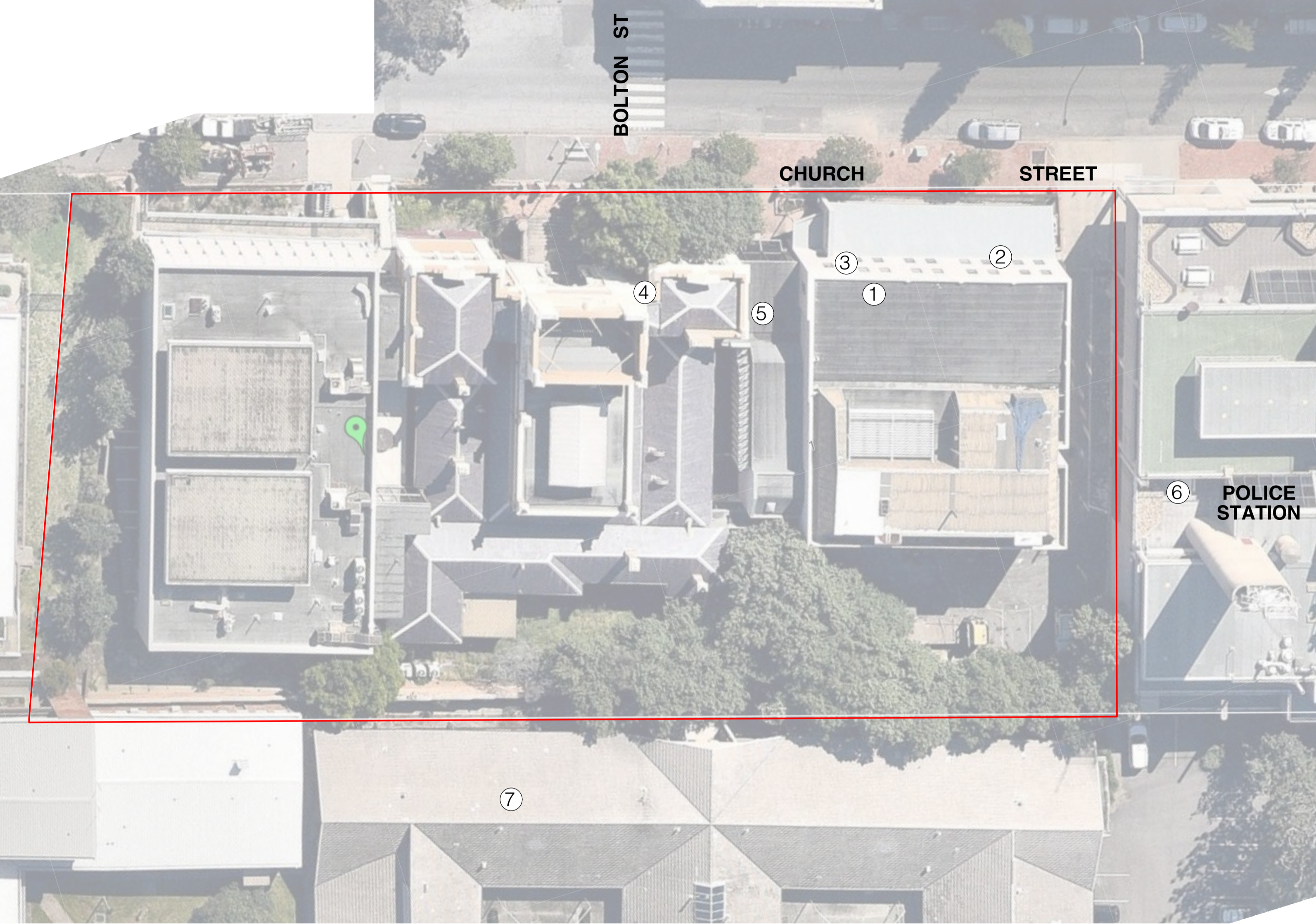
(Land zoning information from Newcastle Local Environmental Plan 2012)

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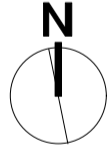
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CLIENT: <b>NIHON UNIVERSITY</b>	STATUS: <b>FOR SUBMISSION</b>

DRAWING: <b>SITE ANALYSIS</b>	
PROJECT NUMBER: 1691	SHEET: 03 OF 07

DRAWN BY: CX	CHECKED BY: BR	APPROVED BY: BR
SCALE: NTS		REV: D
DATE: 27.11.2018		DRAWING: LP02



Google map  
Scale: NTS



Existing fence retained. Existing concrete edge replaced with brick edge.



Existing plinth to be retained



Existing bricks reused as feature banding



Existing bollards & fence retained and make good



Existing tree to be removed



Plant hedging along boundary edge



Plant mass planting and vines along existing retaining wall

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DRAWING: <b>SITE PHOTOGRAPHY</b>	
PROJECT NUMBER: <b>1691</b>	SHEET: <b>03 OF 07</b>

DRAWN BY: <b>CX</b>	CHECKED BY: <b>BR</b>	APPROVED BY: <b>BR</b>
SCALE: <b>NTS</b>		REV: <b>D</b>
DATE: <b>27.11.2018</b>		DRAWING: <b>LP03</b>

# Nihon University Australia Newcastle Campus

## Design Concept

Moir Landscape Architecture (MLA) understands that the needs of the students for outdoor areas should consider the limited spaces and best use of light and seasonal variation in the landscape elements. We understand that this exciting project brings together old and new, just as the landscape should mirror the relationship of old and new.

MLA for the overall design follows these concepts:

## Enhancing Student Life in Newcastle

We understand that this project brings together small spaces. These spaces need to cater to a range of students studying far from home. Therefore, the spaces need to offer the students a place to meet friends, enjoy the daylight sunshine and also find contemplation and stillness.

Our design approach has been to provide a front open lawn to the buildings that allows student a public plaza style place where they are able to meet friends, appreciate the Newcastle heritage streetscape and enjoy views toward the harbour and beaches.

The aim has been to open the forecourt out as much as is allowable, some small garden beds provide a setting for the students to sit and meet. This forecourt space connects the heritage building with the main entrance to the university campus.

The scale of the forecourt pavement when viewed in plan reflects the linear architecture of the new campus buildings.

Street trees will be retained and two new feature trees will be added in the front of existing building for seasonal interests. It was an aim to reduce trees to the forecourt plaza area in keeping with the landscape philosophy to bring greater success to the students of the campus. The feature Japanese Flowering Cherry trees are to welcome the students to their learning environment away from home.

We understand that students also need a space for contemplation and quiet. This area has been designated to the back of the building. The space is limited by the narrowness of the area provided, view to the back of neighbouring buildings and the reduced sunlight to this area. MLA approach was to offer a contemplation space that directly relates to the rear of the courthouse. Elements associated with Japanese gardens have been included such as gravel, stones, bamboo and Japanese Maple trees. It was also considered that this garden could be viewed from student accommodation looking down and so the elements work in plan as well as a feature garden space. Due to the reduced light, feature planting includes shade loving species found in Australian rainforest areas in the mass planting, such as tree ferns, small soft ground covers mixed with Japanese maple. The pavement is very important in this space as it provides a contemplative setting and will include, gravel, larger stones, saw-cut concrete and any other reusable heritage pavement.

## The Past meets the Present

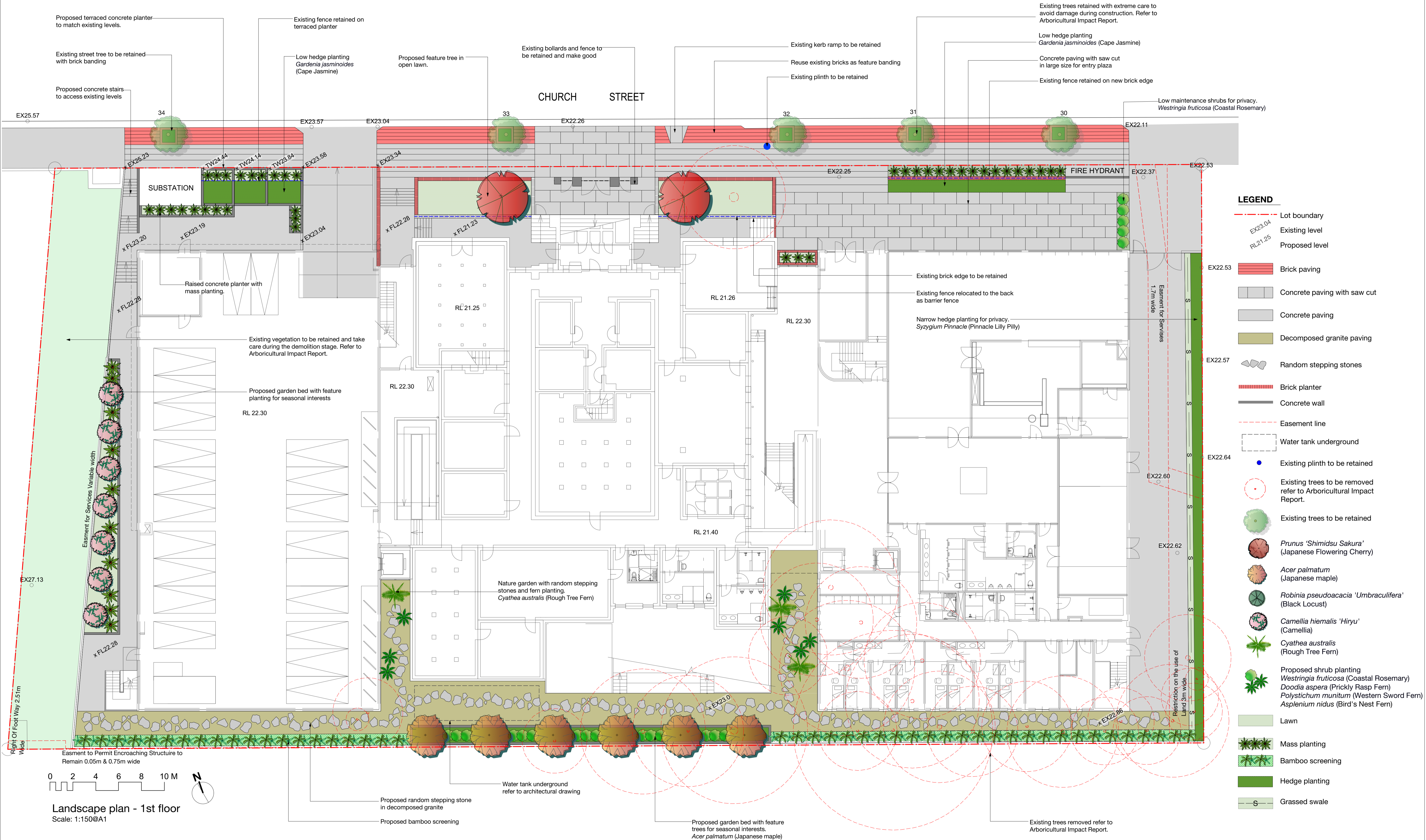
The Japanese building architecture brings together the old courthouse building next to the new living quarters and teaching areas.

There are many elements of the existing landscape that are suggested to be reused in their new setting. The existing heritage pavers used on the streetscape have been reused along the edge of the pavement. This will ensure that the heritage pavers run consistently for the entire length of the forecourt area. They will also form an edge so when viewed from a distance the Courthouse has a heritage setting.

The pavement design of the forecourt when viewed in plan is oriented to the linear building form of the new architecture. Additionally, the direct frontage to the old Courthouse building has larger format pavement to enhance the foundation of the building and give it a full street presence. The heritage gate remains in place however the forecourt paving extends so that it is functional as a forecourt to the university campus.

Some sandstone may be reused to create the water feature the main campus entrance. Alternatively, an existing plinth may be reused as part of the water feature so that the heritage elements meet the new building use.

MLA hope to create spaces that provide a range of experiences for the students, to bring the students together and to offer peace and contemplation as well as wonder and renewal about their new learning environment and temporary home in Australia.



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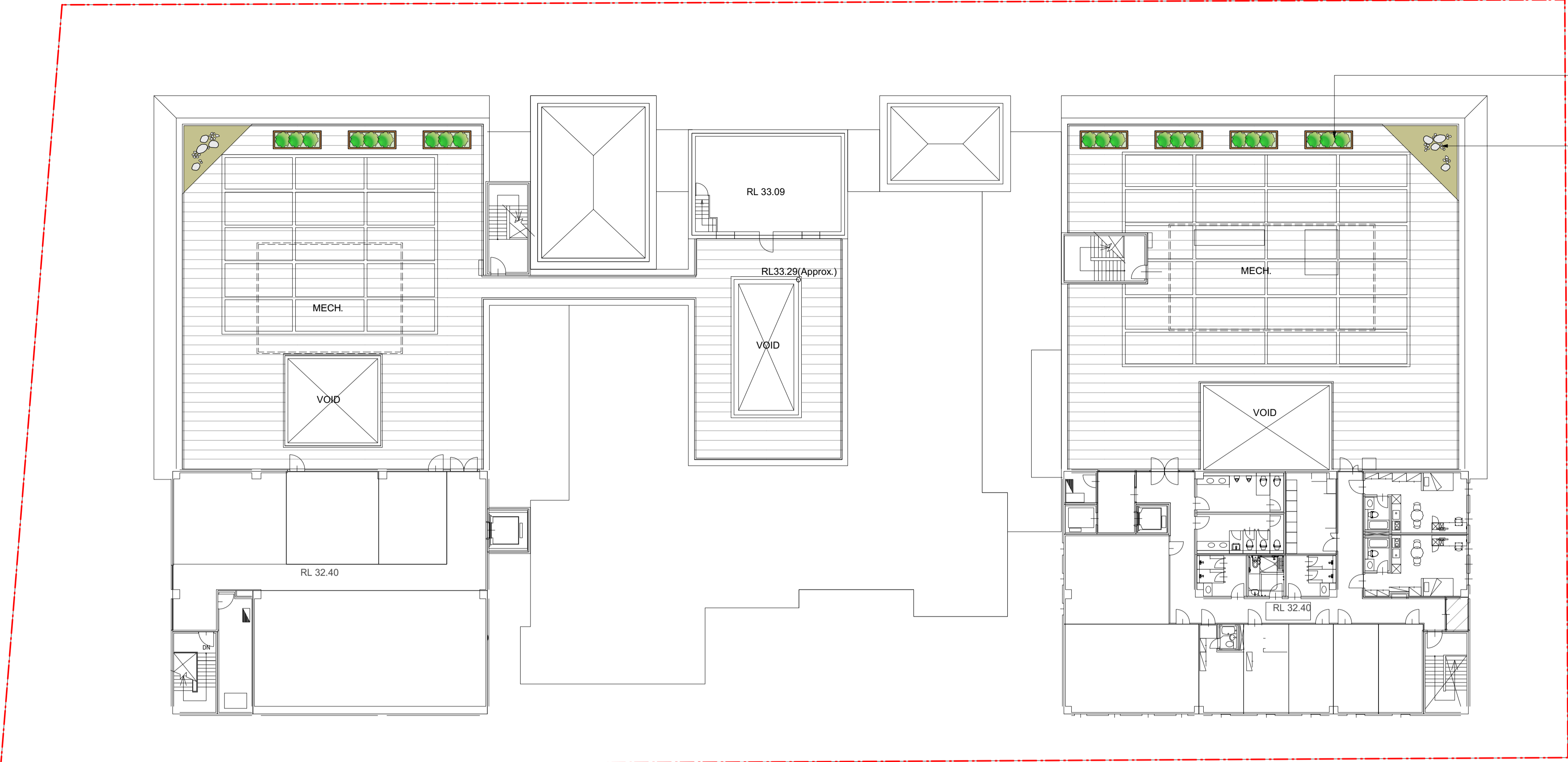
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C	19.11.2018	UPDATE DA
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CLIENT:	<b>NIHON UNIVERSITY</b>
STATUS:	FOR SUBMISSION

DRAWING:	<b>LANDSCAPE PLAN - 1ST FLOOR</b>
PROJECT NUMBER:	1691
SHEET:	05 OF 07

DRAWN BY:	CX	CHECKED BY:	BR	APPROVED BY:	BR
SCALE:	1:150@A1	REV:	D	DRAWING:	LP05
DATE:	27.11.2018				



Removable timber planter box with coastal planting.  
*Westringia fruticosa* (Coastal Rosemary)  
*Carpobrotus glaucescens* (Pigface)

Zen garden with feature rocks and decomposed granite paving.

LEGEND

- Lot boundary
- Deck refer to architectural drawing
- Decomposed granite paving
- Feature rocks
- Proposed shrub planting
- Timber planter box

Landscape plan - 4th floor  
Scale: 1:200@A1



Church Street Elevation  
Scale: 1:150@A1



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C	19.11.2018	UPDATE DA
D	27.11.2018	UPDATE DA

PROJECT:	NIHON UNIVERSITY AUSTRALIA NEWCASTLE CAMPUS 9 CHURCH STREET, NEWCASTLE, NSW 2300. LOT 1 D.P. 1199904
CLIENT:	NIHON UNIVERSITY
STATUS:	FOR SUBMISSION

DRAWING:	LANDSCAPE PLAN - 1ST FLOOR
PROJECT NUMBER:	1691
SHEET:	06 OF 07

DRAWN BY:	CX	CHECKED BY:	BR	APPROVED BY:	BR
SCALE:	AS SHOWN	REV:	D	DRAWING:	LP06
DATE:	27.11.2018				

TREES



Acer palmatum  
Japanese maple



Prunus 'Shimidsu Sakura'  
Japanese Flowering Cherry



Cyathea australis  
Rough Tree Fern

HEDGE + GROUNDCOVERS + GRASSES



Bambusa textilis var. Gracilis  
Slender Weaver's Bamboo



Bambusa multiplex cv. Goldstripe  
Goldstripe



Camellia hiemalis 'Hiryu'  
Camellia



Syzygium Pinnacle  
Pinnacle Lilly Pilly



Gardenia jasminoides  
Cape Jasmine



Doodia aspera  
Prickly Rasp Fern



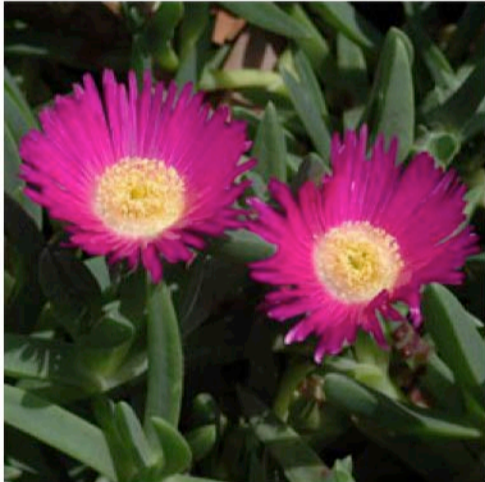
Polystichum munitum  
Western Sword Fern



Westringia fruticosa  
Coastal Rosemary



Hymenocallis littoralis  
Spider Lilly



Carpobrotus glaucescens  
Pigface



Viola hederacea  
Native Viola



Asplenium nidus  
Bird's Nest Fern



Lomandra longifolia  
Mat Rush



Dianella caerulea  
Blue Flax Lilly



Pennisetum 'Nafray'  
Fountain grass



Poa labillardieri  
'Eskdale'

PLANT SCHEDULE

CODE	SCIENTIFIC NAME	COMMON NAME	POT SIZE	MATURE HEIGHT/WIDTH
<b>TREES</b>				
ACE pal	Acer palmatum	Japanese maple	100L	4-5m / 4m
PRU shi	Prunus 'Shimidsu Sakura'	Japanese Flowering Cherry	100L	4-5m / 4-5m
CYA aus	Cyathea australis	Rough Tree Fern	75L	6m / 5m
<b>HEDGE</b>				
BAM tex	Bambusa textilis var. Gracilis	Slender Weaver's Bamboo	10L	6-7m / ø3cm
BAM mul	Bambusa multiplex cv. Goldstripe	Goldstripe	10L	4-5m / ø2.5cm
CAM hie	Camellia hiemalis 'Hiryu'	Camellia	300mm	3m / 2m
SYZ pin	Syzygium Pinnacle	Pinnacle Lilly Pilly	300mm	2-6m / 1-1.5m
TRA jas	Gardenia jasminoides	Cape Jasmine	300mm	1-2m / 3m
<b>LOW SHRUBS/GROUNDCOVERS</b>				
WES fru	Westringia fruticosa	Coastal Rosemary	200mm	1-2m / 1m
DOO asp	Doodia aspera	Prickly Rasp Fern	140mm	0.4m / 0.6m
POL mum	Polystichum munitum	Western Sword Fern	140mm	0.9-1.2m / 0.6-1.2m
CAR gla	Carpobrotus glaucescens	Pigface	100mm	0.2m / 2m
HYM lit	Hymenocallis littoralis	Spider Lilly	140mm	0.5-0.7m / 1m
VIO hed	Viola hederacea	Native Viola	140mm	5-15cm / 2m
ASP nid	Asplenium nidus	Bird's Nest Fern	140mm	0.5-1m / 0.5-1m
<b>GRASSES</b>				
LOM tan	Lomandra longifolia	Mat Rush	100mm	0.5-0.6m / 0.5-1m
POA lab	Poa labillardieri 'Eskdale'	Tussock Grass	100mm	0.5-1m / 0.4-0.5m
DIA cae	Dianella caerulea	Blue Flax Lilly	100mm	0.5-1m / 0.5-2m
PEN naf	Pennisetum 'Nafray'	Fountaingrass	100mm	0.7-0.9m / 1m

Theming images



Concrete paving with saw cut



Stepping stones in decomposed granite paving



Zen garden with feature rocks



Timber planter box

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DRAWING: <b>PLANTING + THEMING PALETTE</b>	
PROJECT NUMBER: <b>1691</b>	SHEET: <b>07 OF 07</b>

DRAWN BY: <b>CX</b>	CHECKED BY: <b>BR</b>	APPROVED BY: <b>BR</b>
SCALE: <b>NTS</b>		REV: <b>D</b>
DATE: <b>27.11.2018</b>		DRAWING: <b>LP07</b>