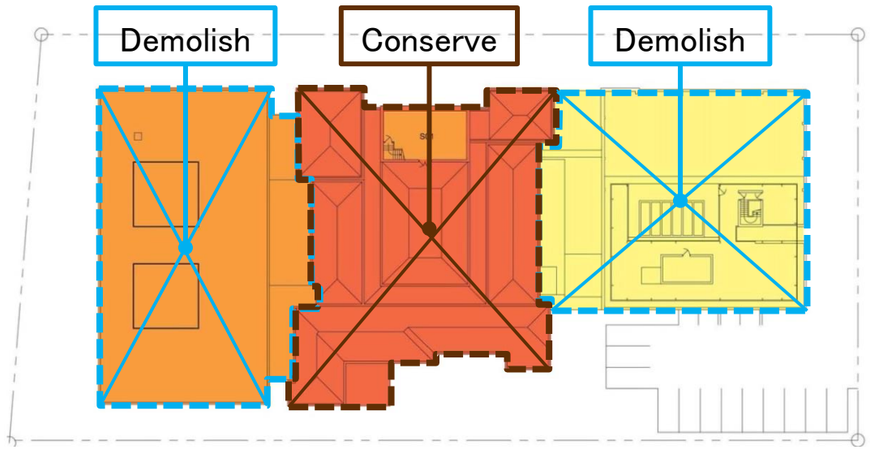
Conservation Plan

Gradings of significance

	High	: Must not demolish/remove
	Moderate	: Need attention to demolish/remove
	Little	: Able to demolish/remove
	Intrusive	: No problem to demolish/remove

Conservation Area :

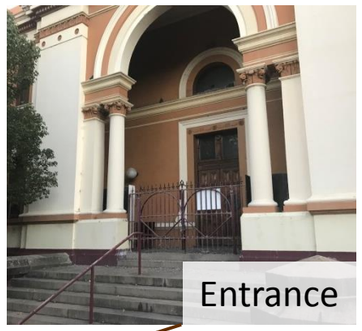


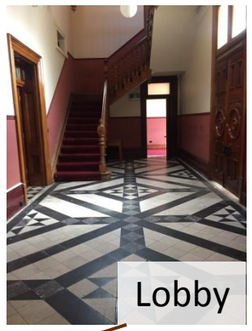



Cell


Interview


Court 3


Entrance

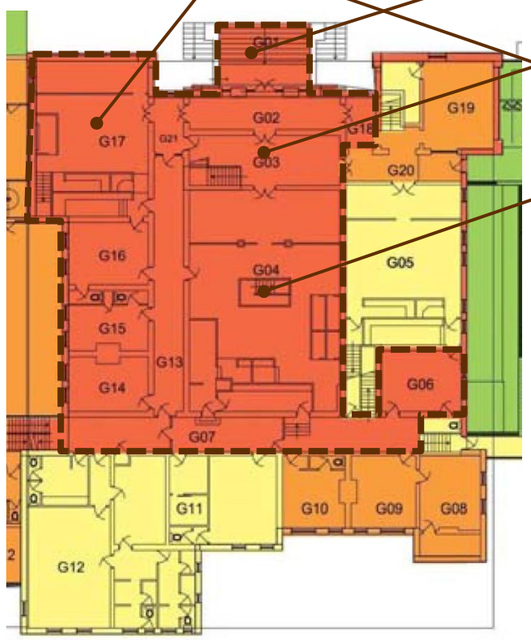

Lobby


Court 4

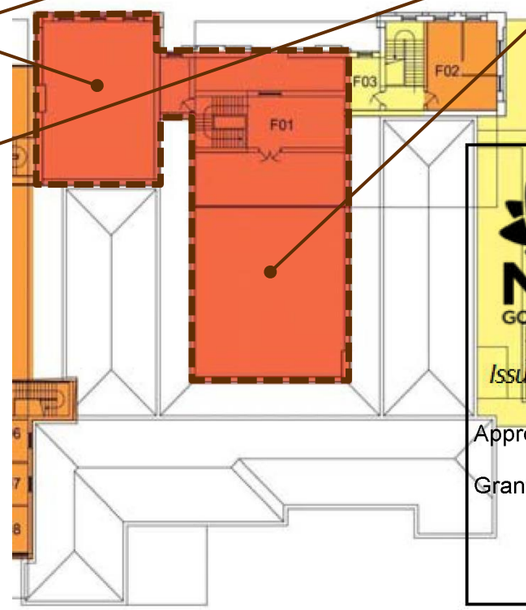

Roof



<B1F>



<1F>



<2F>



<RF>

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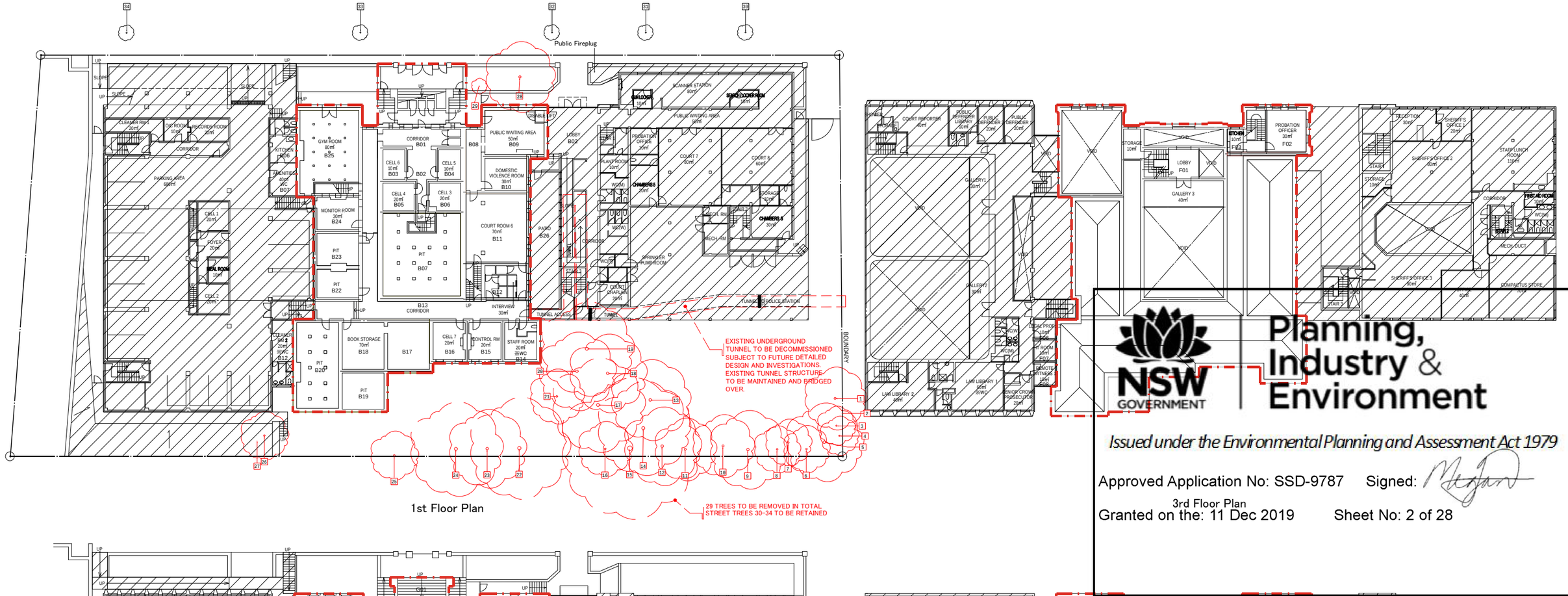
Conservation Plan

Scale 1/

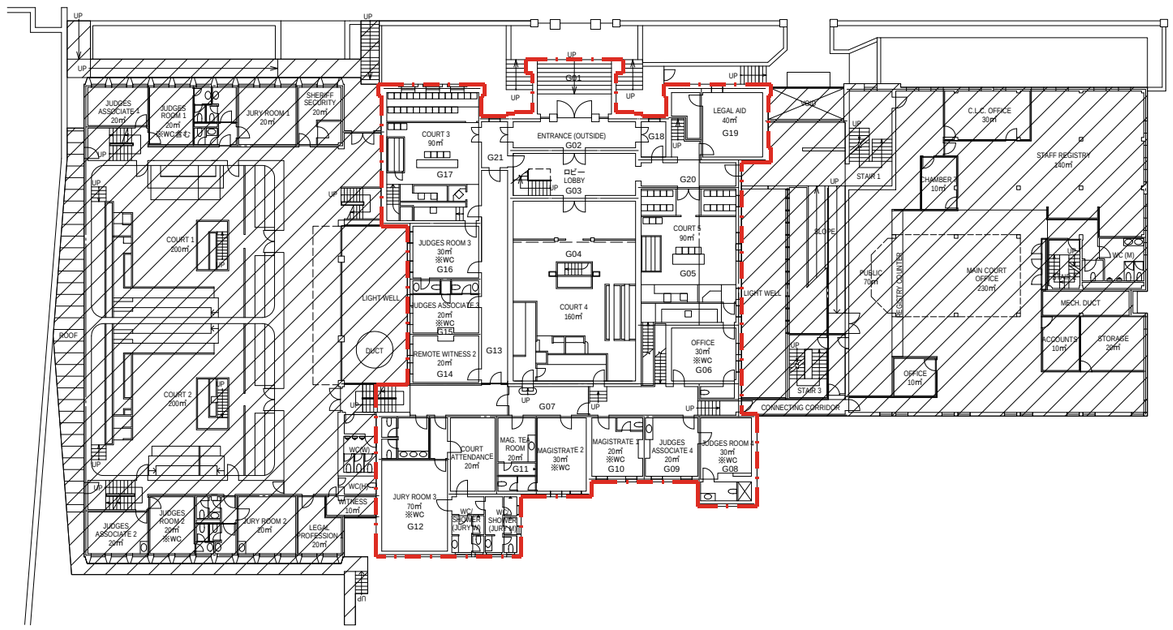
Date 2018・12・14

Drawing No. A — 008

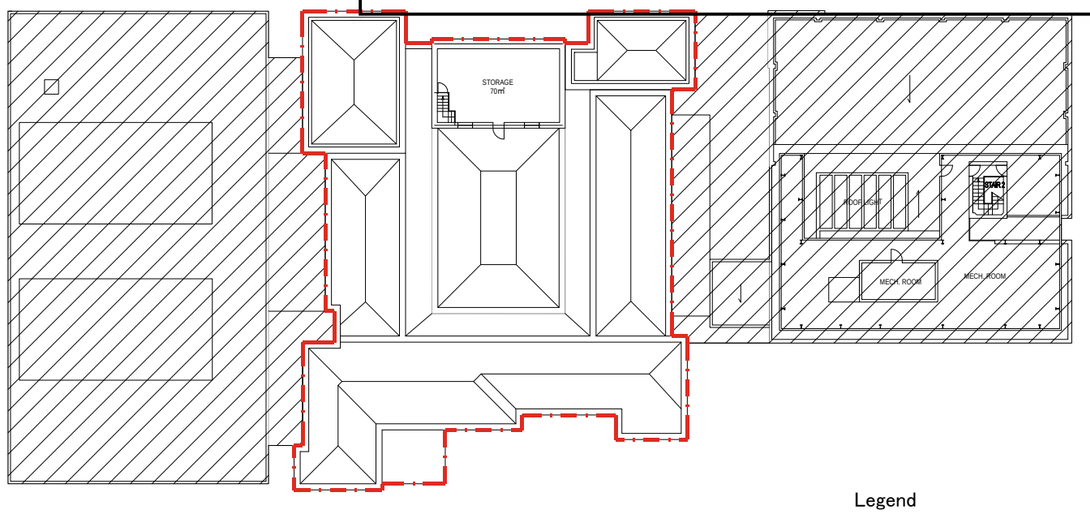
No. Rev – 0



1st Floor Plan



2nd Floor Plan



Roof Floor Plan

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3rd Floor Plan

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Legend

- Refer to Conversion Plan
- Demolition Area
- Trees to be removed

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Demolition Plan

Scale 1/

Date 2018・12・14

Drawing No. A —

No

CONVERSION PLAN

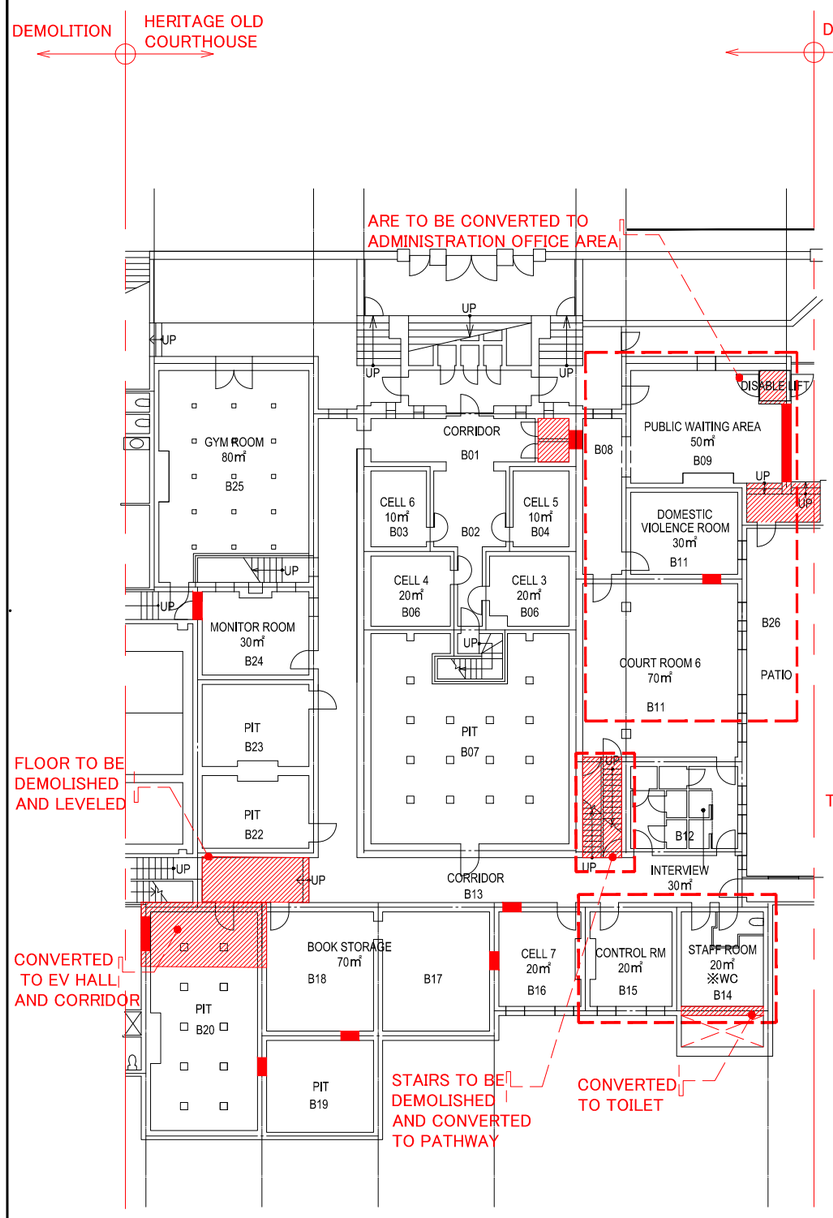
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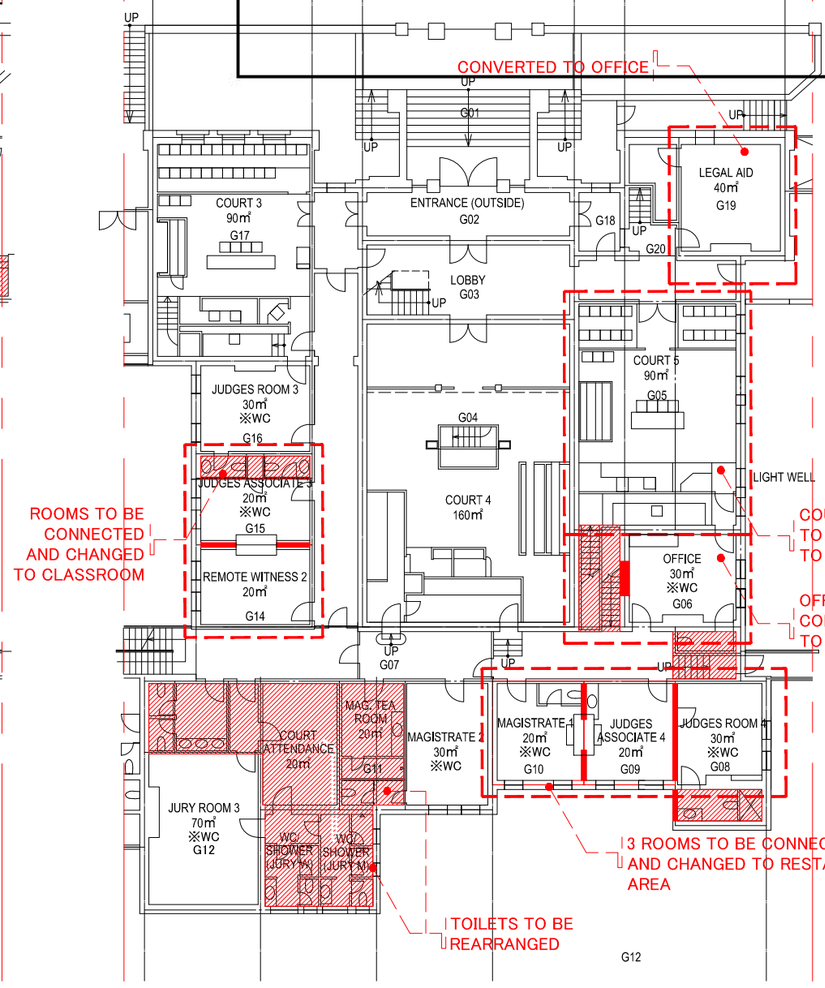
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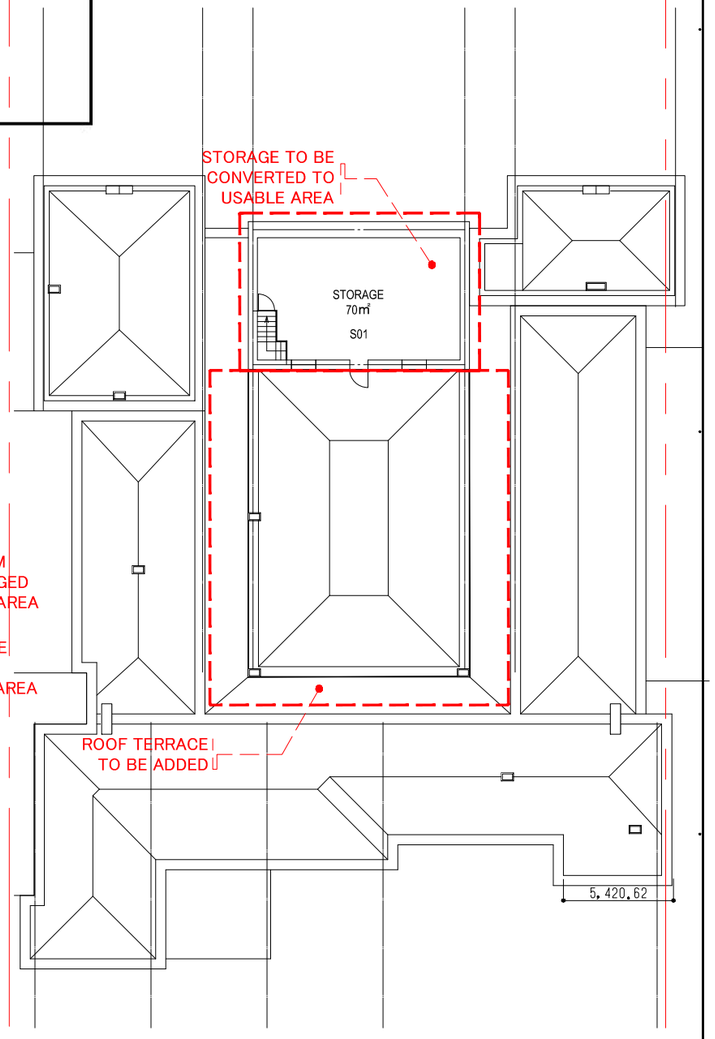
LEGEND
- AREA TO BE DEMOLISHED
- WALL OPENING AREA



COURTHOUSE BASEMENT PLAN



COURTHOUSE 1ST FLOOR PLAN



COURTHOUSE 3RD FLOOR PLAN

N

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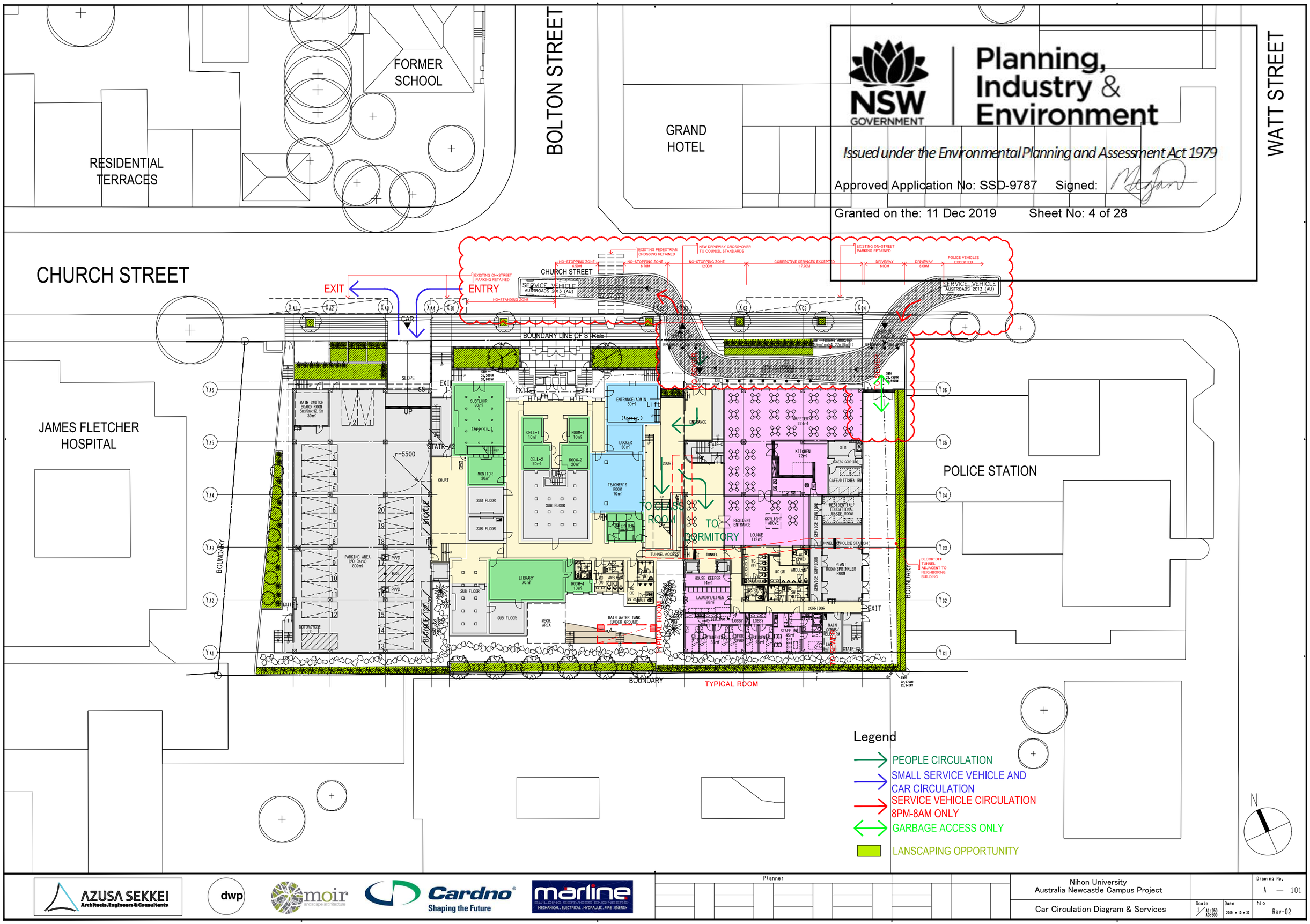
Conversion Plan

Scale 1/

Date 2018・12・14

Drawing No. A — 010

No Rev-0



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Car Circulation Diagram & Services

Scale 1/A1:250 A3:500 | Date 2019・10・30

Drawing No. A — 101

No Rev-02

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FORME R SCHO OL

RESIDENTI AL TERRACE S

GRAN D HOTE L

BOLTON STREET

WATT STREET

CHURCH STREET

VIEW TO SITE UP BOLTON ST REFER TO A-003

VIEW TO SITE FROM WEST REFER TO A-004

VIEW TO SITE FROM EAST REFER TO A-005

VIEWS FROM SITE AT HIGHER LEVEL

VIEWS FROM SITE AT HIGHER LEVEL

PREVAILING WINTER WIND

SUNSET WINTER SOLSTICE

SUNRISE WINTER SOLSTICE

SUNSET EQUINOX

SUNRISE EQUINOX

SUNSET SUMMER SOLSTICE

SUNRISE SUMMERE SOLSTICE

JAMES FLETCHER HOSPITAL

POLICE STATION

9 CHURCH ST. LOT 1 D.P. 1199904 5,191 m2

RL25.57

RL23.04

RL22.26

RL22.25

RL22.11

RL22.35

RL22.87

RL22.53

RL22.57

RL22.64

RL22.60

RL22.62

RL23.35

Easement for Services Variable width

Easement for Drainage 3m wide

Restriction on the Use of Land

RIGHT OF WAY 3.51m wide

Easement to Permit Encroaching Structure to Remain 0.05m & 0.75m wide

EXISTING RETAINING WALL ALONG SOUTHERN BOUNDARY

PREVAILING SUMMER WIND

N

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Site Analysis Plan

Scale 1/1=250 A3=500

Date 2018 - 12 - 14

Drawing No. A — 102

No Rev — 0

01. Extruded Cement Featured Panel
02. Openable Window
03. Tile
04. Tempered Glass, Glass Rib Structure
05. Aluminum Panel, White Fluorine Coat
06. Openable Window
07. Wooden Louvre
08. Steel Pergola OP With Shades
09. Rendered Concrete & Paint
09. Rendered Concrete & Paint

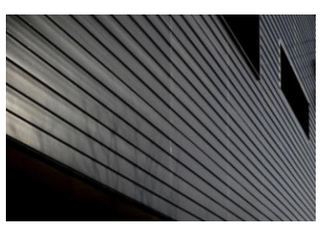


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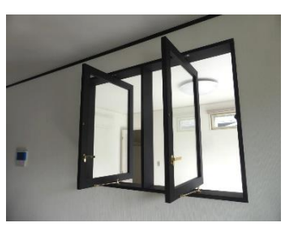
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9787 Signed:

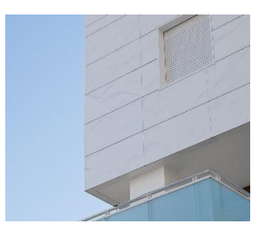
Granted on the: 11 Dec 2019 Sheet No: 6 of 28



01. Extruded Cement Featured Panel



02. Openable Window



03. Tile



04. Tempered Glass, Glass Rib Structure



05. Aluminum Panel, White Fluorine Coat



07. Wooden Louvre



08. Steel Pergola OP With Shades

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Planner

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Northeast Perspective

Scale 1/

Date 2018・12・14

Drawing No. A — 103

No

01. Rendered Concrete & Paint

01. Rendered Concrete & Paint

02. Roller shutter

04. Aluminium Ventilation louvre, OP

03. Wooden Louvre

05. Glass Balustrade

06. Steel Pergola OP With Shades

07. Openable Window

08. Aluminum Panel, White Fluorine Coat



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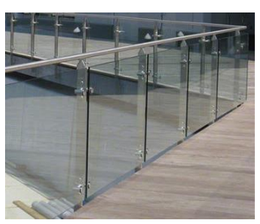
Granted on the: 11 Dec 2019 Sheet No: 7 of 28



03. Wooden Louvre



04. Aluminium Ventilation louvre, OP



05. Glass Balustrade



06. Steel Pergola OP With Shades



07. Openable Window



08. Aluminum Panel, White Fluorine Coat

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Australia Newcastle Campus Project

Northwest Perspective

Scale 1/

Date 2018・12・14

Drawing No. A — 104

No

01. Openable Window
02. Rendered Concrete & Paint
03. Featured Tile
04. Extruded Cement Featured Panel
01. Openable Window
05. Tile
06. Aluminum Panel, White Fluorine Coat



07. Wooden Louvre
08. Glass Balustrade
09. Steel Pergola OP With Shades
10. Acoustic Louvre
11. Rendered Concrete & Paint



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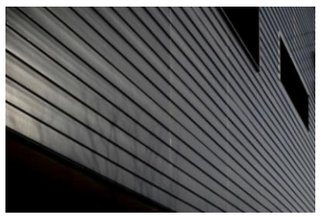
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Granted on the: 11 Dec 2019 Sheet No: 8 of 28



01. Openable Window



04. Extruded Cement Featured Panel



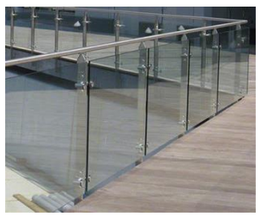
05. Tile



06. Aluminum Panel, White Fluorine Coat



07. Wooden Louvre



08. Glass Balustrade



09. Steel Pergola OP With Shades



10. Acoustic Louvre

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Southeast/Southwest Perspective

Scale 1/

Date 2018・12・14

Drawing No. A — 105

No

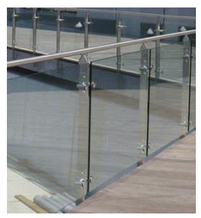
01. Openable Window
02. Tempered Glass, Glass Rib Structure
03. Tempered Glass, Glass DPG Structure
04. Aluminum Panel, White Fluorine Coat
05. Glass Balustrade
06. Wooden Louvre
07. Steel Pergola OP With Shades
08. Acoustic Louvre
09. Rendered Concrete & Paint
10. Wooden Deck




01. Openable Window


02. Tempered Glass, Glass Rib Structure


04. Aluminum Panel, White Fluorine Coat


05. Glass Balustrade


06. Wooden Louvre


07. Steel Pergola OP With Shades


08. Acoustic Louvre


10. Wooden Deck

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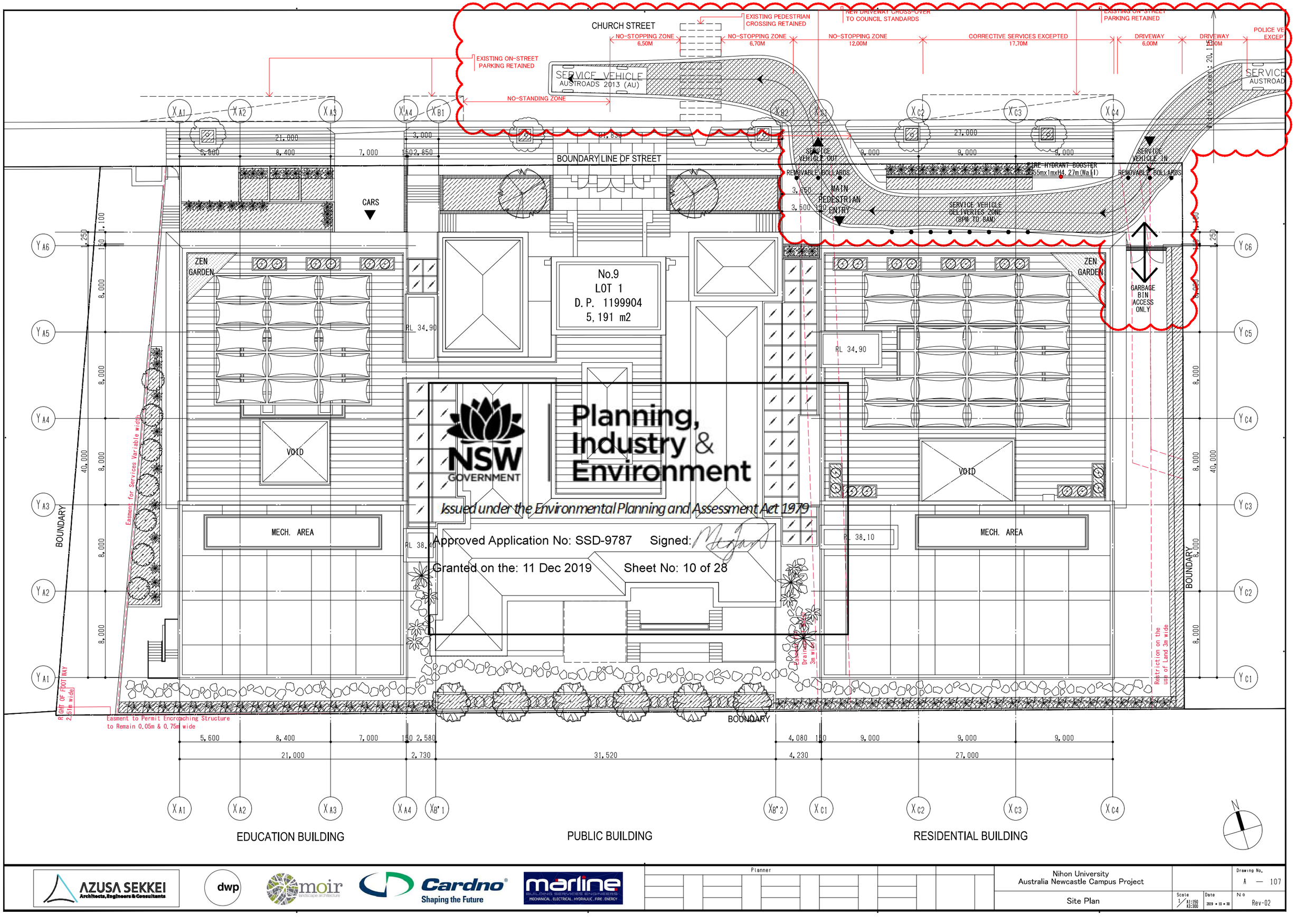
Aerial Perspective

Scale 1/

Date 2018・12・14

Drawing No. A — 106

No



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Site Plan

Scale 1/150 A3:300 | Date 2019・10・30

Drawing No. A — 107

No Rev-02

CHURCH STREET

EXISTING PEDESTRIAN CROSSING RETAINED

NEW DRIVEWAY CROSS-OVER TO COUNCIL STANDARDS

EXISTING ON-STREET PARKING RETAINED

NO-STOPPING ZONE 6.50M

NO-STOPPING ZONE 6.70M

NO-STOPPING ZONE 12.00M

CORRECTIVE SERVICES EXCEPTED 17.70M

DRIVEWAY 6.00M

DRIVEWAY 5.00M

POLICE VE EXCEPT

SERVICE AUSTROAD

EXISTING ON-STREET PARKING RETAINED

SERVICE VEHICLE AUSTROADS 2013 (AU)

NO-STANDING ZONE

BOUNDARY LINE OF STREET

Width of street = 20.115

RL25.57 RL25.23 RL25.27 RL26.94 RL23.75 RL26.91 RL26.93 RL26.96 RL27.02 RL27.13 RL28.40 RL23.35 RL23.37 RL28.95

RL23.57 RL25.84 RL23.24 RL22.20 RL22.30 RL22.26 RL21.40

RL22.11 RL22.35 RL22.52 RL22.57 RL22.64 RL22.60

CAR

SLOPE

UP

PADMOUNTED SUBSTATIONS 5.3mx3.3m

MAIN SWITCH BOARD ROOM 5mx5mxH2.5m 30m²

STAIR-A1

STAIR-A2

STAIR-C1

STAIR-C2

SUBFLOOR 80m²

RL 21.25 (Approx.)

MONITOR 30m²

SUB FLOOR

SUB FLOOR

SUB FLOOR

SUB FLOOR

CELL-1 10m²

CELL-2 20m²

ROOM-1 10m²

ROOM-2 20m²

ENTRANCE/ADMIN. 50m²

RL 21.26 (Approx.)

LOCKER 30m²

TEACHER'S ROOM 70m²

INTERVIEW 30m²

COURT

TUNNEL

SLOPE DN

LIBRARY 70m²

ROOM-4 10m²

MECH. AREA

RAIN WATER TANK (UNDER GROUND)

PARKING AREA (20 Cars) 809m²

PWD

BOL

MOTORSYCLE (1)

BICYCLE (22)

BICYCLE

SERVICE VEHICLE OUT

REMOVABLE BOLLARDS

MAIN PEDESTRIAN ENTRY

SERVICE VEHICLE DELIVERIES ZONE (8PM TO 8AM)

FIRE HYDRANT BOOSTER 1.55mx1mxH4.27m(Wall)

SERVICE VEHICLE IN

REMOVABLE BOLLARDS

DELIVERIES

GARBAGE BIN ACCESS ONLY

SMH 22.43SUR 20.68INV

SMH 21.26SUR 20.86INV

SMH 22.975UR 22.341INV

ENTRANCE

Lift

CAFETERIA 224m²

KITCHEN 72m²

STO.

ACCESS CORRIDOR

CAFE/KITCHEN RM

RESIDENTIAL EDUCATIONAL WASTE ROOM

RESIDENT ENTRANCE

SKYLIGHT ABOVE

LOUNGE 112m²

SERVICE CORRIDOR

PLANT ROOM/SPRINKLER ROOM

HOUSE KEEPER 14m²

LAUNDRY/LINEN 28m²

WC (W)

WC (M)

AMBULANT

WC/SW (PWD)

SW (W)

SW (M)

CORRIDOR

LOBBY

Less than 6m

STAFF RM 45m²

MAIN COMMS/ ELEC RM 18m² LAN 3mx1.9m

6 STUDENTS (Including 1 PWD)

2 STUDENTS FOR PWD 25m²

4 STUDENTS 55m²

Easement for Services Variable width

Easement for Services 1.75m wide

Restriction on the use of Land 3m wide

Easement to Permit Encroaching Structure to Remain 0.05m & 0.75m wide

Splay Corner

Drainage

BOUNDARY

BOUNDARY

RIGHT OF FOOTWAY 2.51m wide

EDUCATION BUILDING

PUBLIC BUILDING

RESIDENTIAL BUILDING

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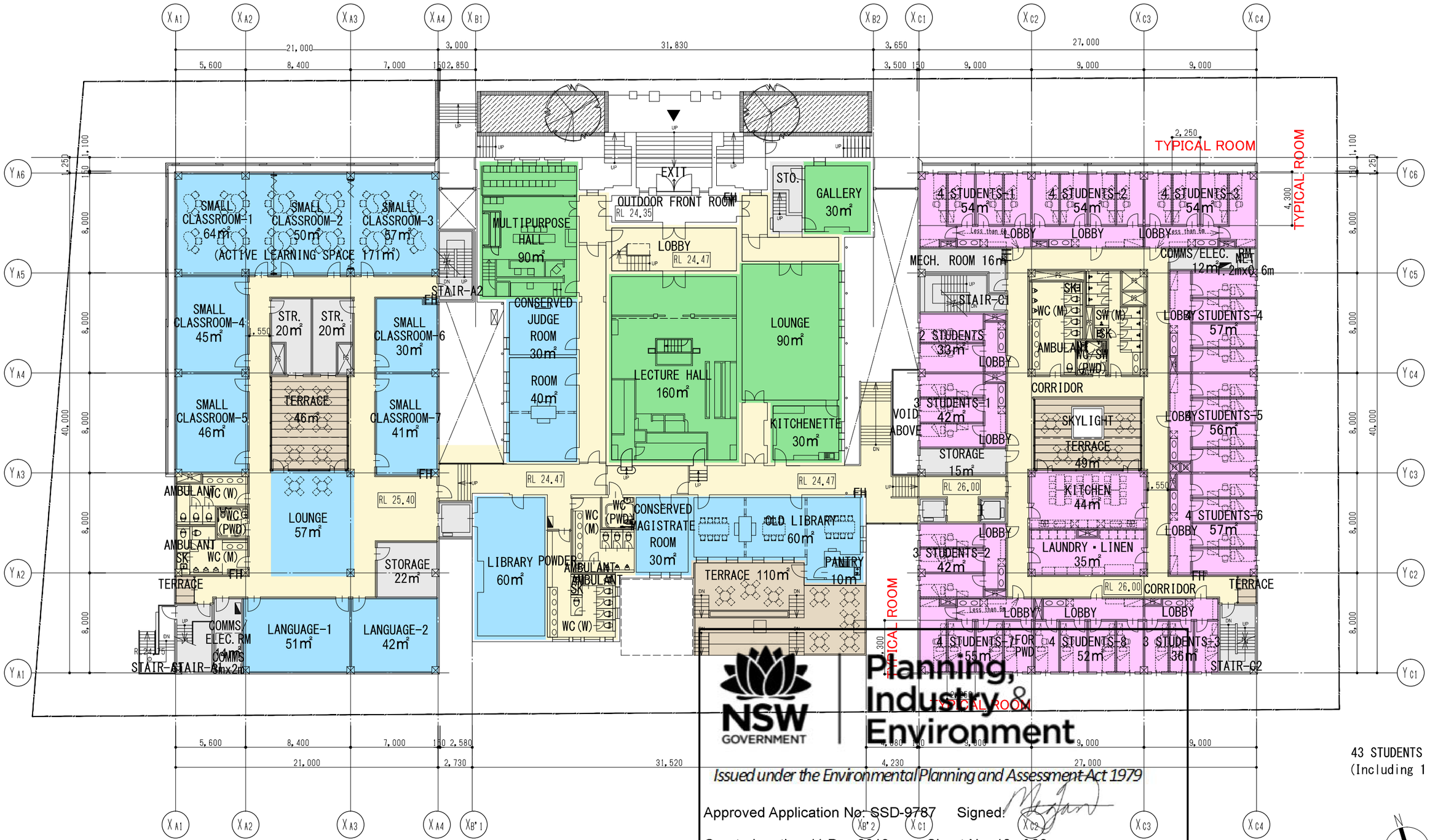
1st Floor Plan

Scale 1/ A1:150 A3:300

Date 2019・10・30

Drawing No. A — 108

No Rev-02



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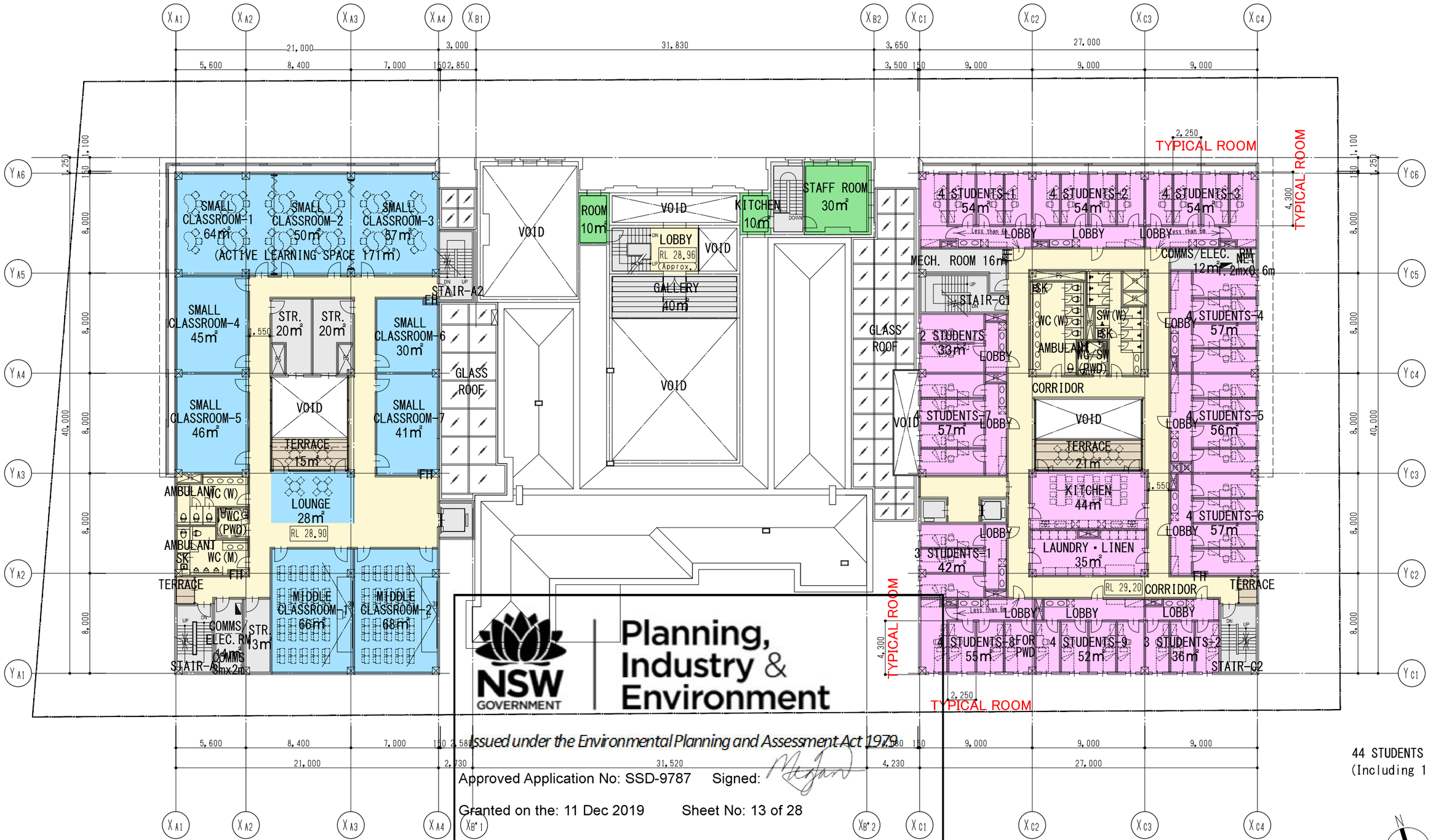
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Planner

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2nd Floor Plan

Scale 1/ A1:150 A3:300 | Date 2018・12・14 | Drawing No. A — 109 | No Rev-0



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Planner

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3rd Floor Plan

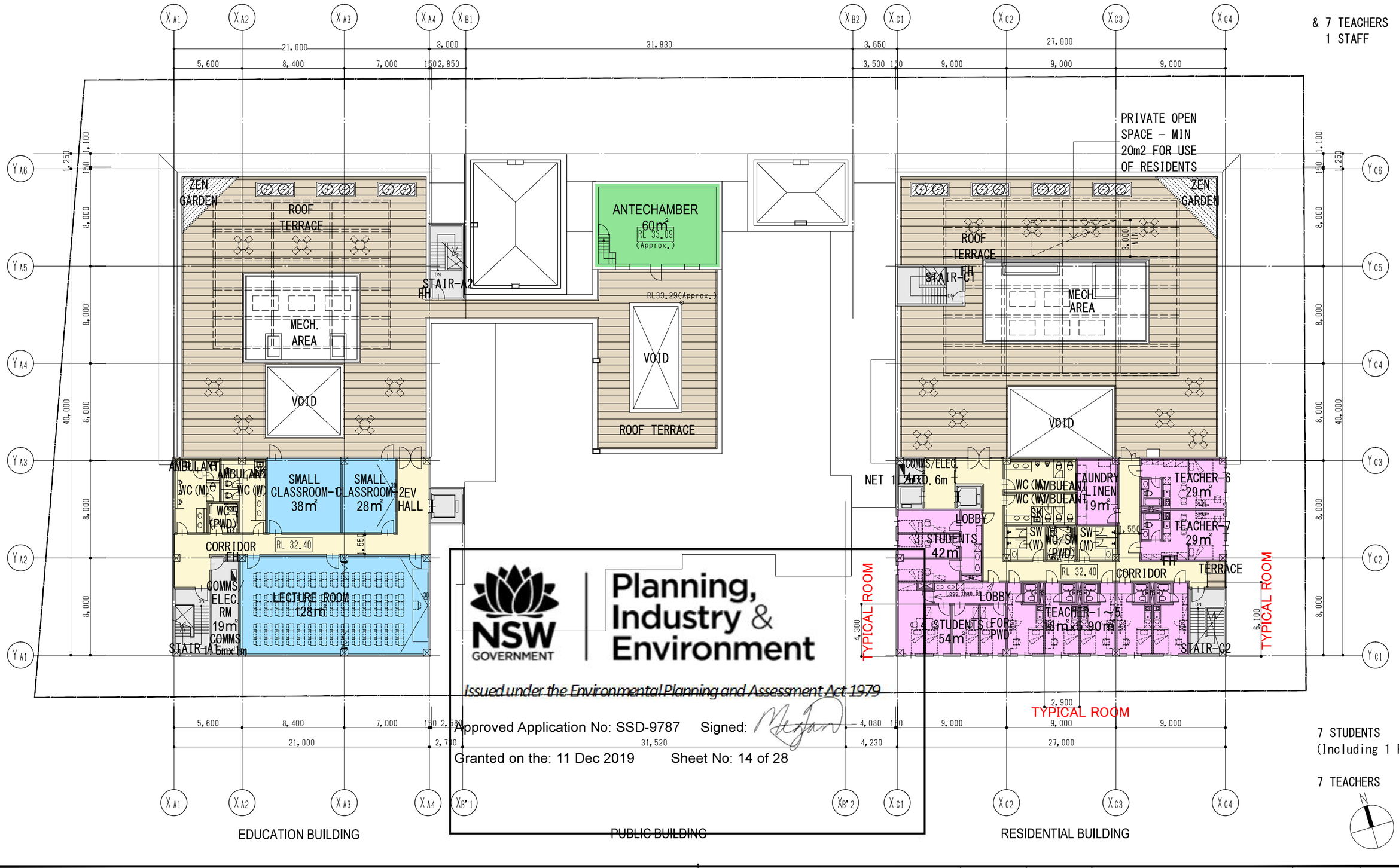
Scale 1/A1:150 A3:300 | Date 2019・12・14

Drawing No. A — 110

No Rev-0

1F	6 STUDENTS
2F	43 STUDENTS
3F	44 STUDENTS
4F	7 STUDENTS
TOTAL	100 STUDENTS

& 7 TEACHERS
1 STAFF



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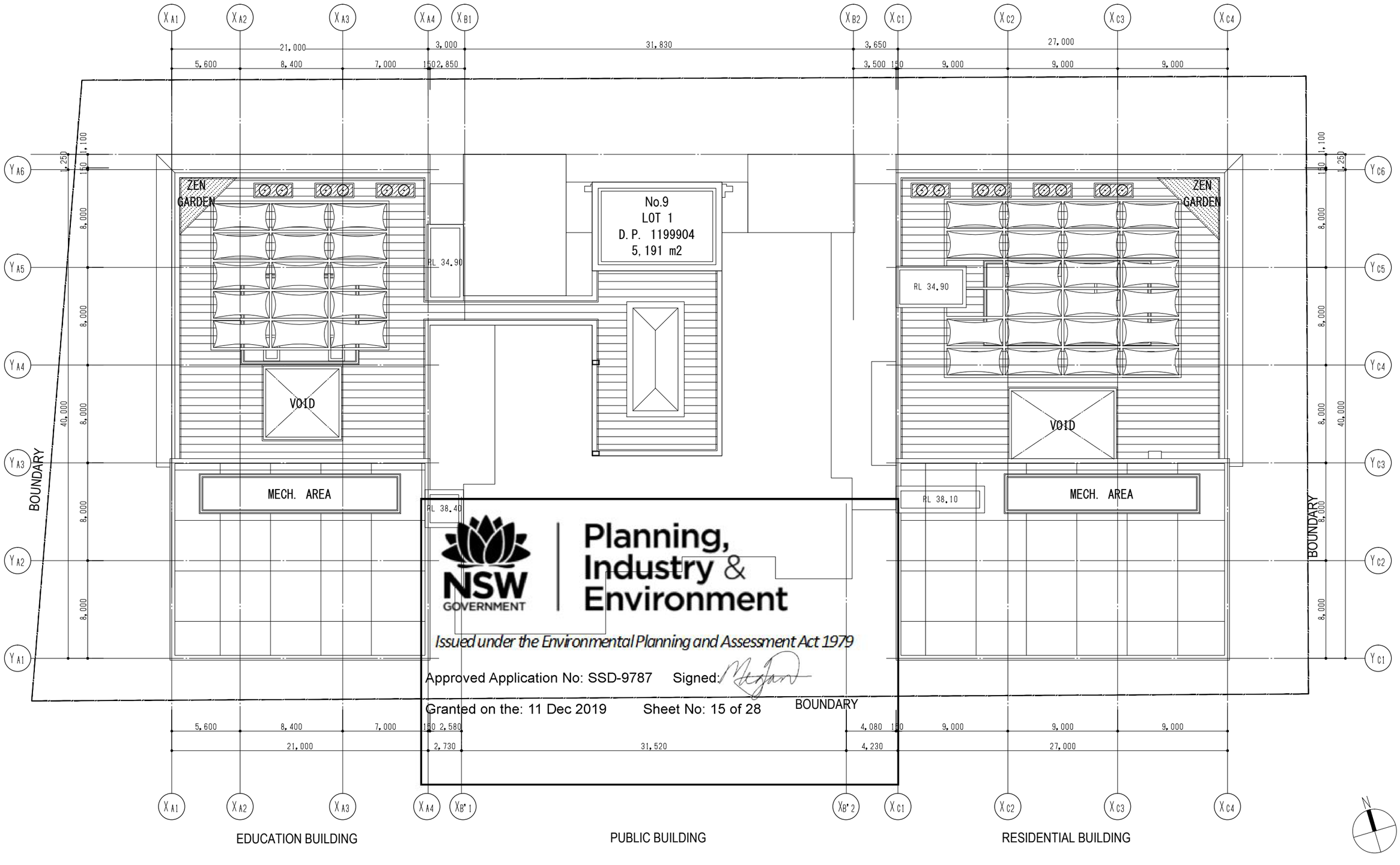
4th Floor Plan

Scale 1/ A1:150 A3:300

Date 2018・12・14

Drawing No. A — 111

No Rev-0



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Approved Application No: SSD-9787 Signed:

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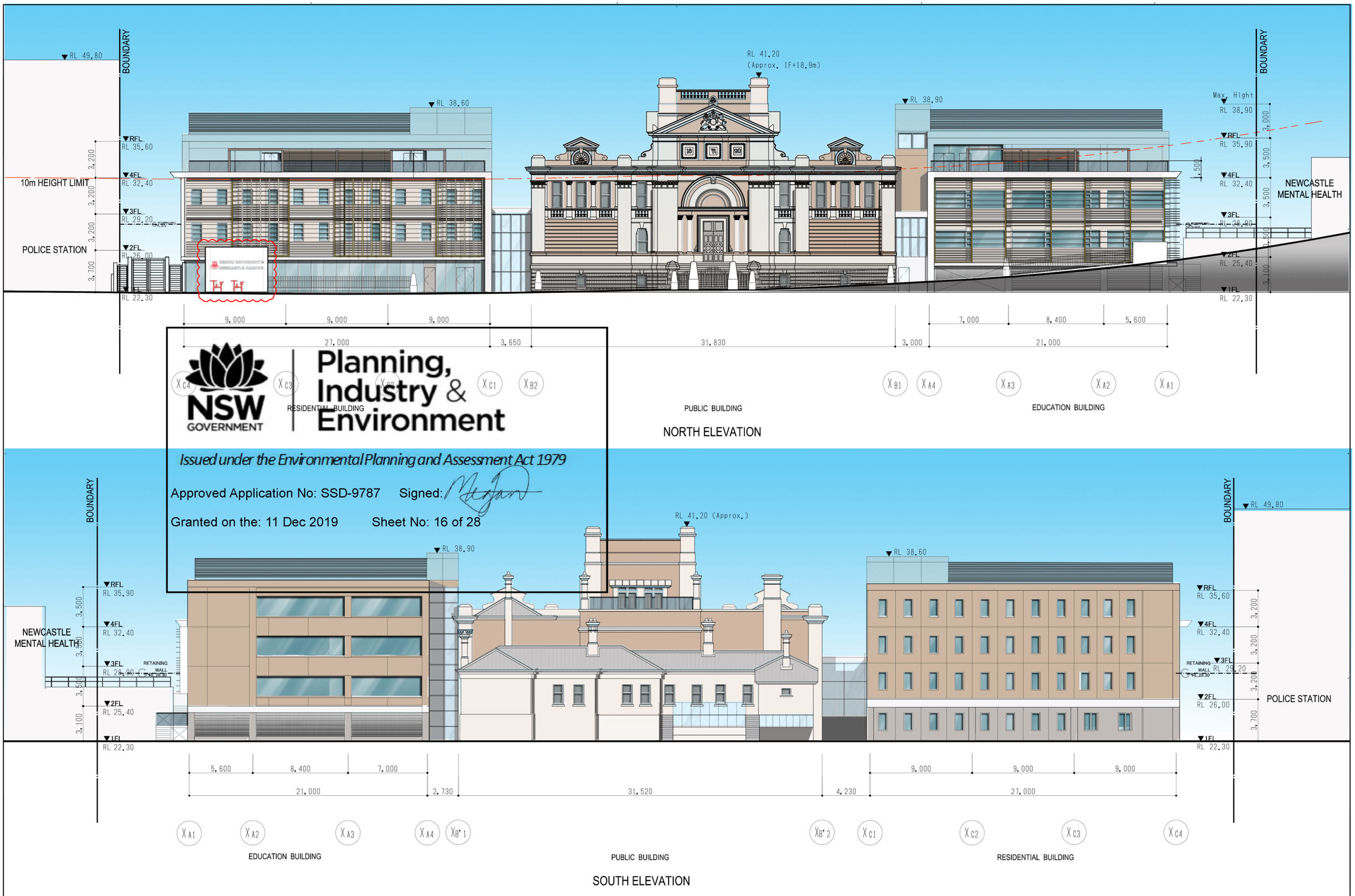
Roof Floor Plan

Scale 1/ A1:150 A3:300

Date 2018・12・14

Drawing No. A — 112

No Rev-0



NSW GOVERNMENT
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Approved Application No: SSD-9787 Signed:

Granted on the: 11 Dec 2019 Sheet No: 16 of 28

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Planner

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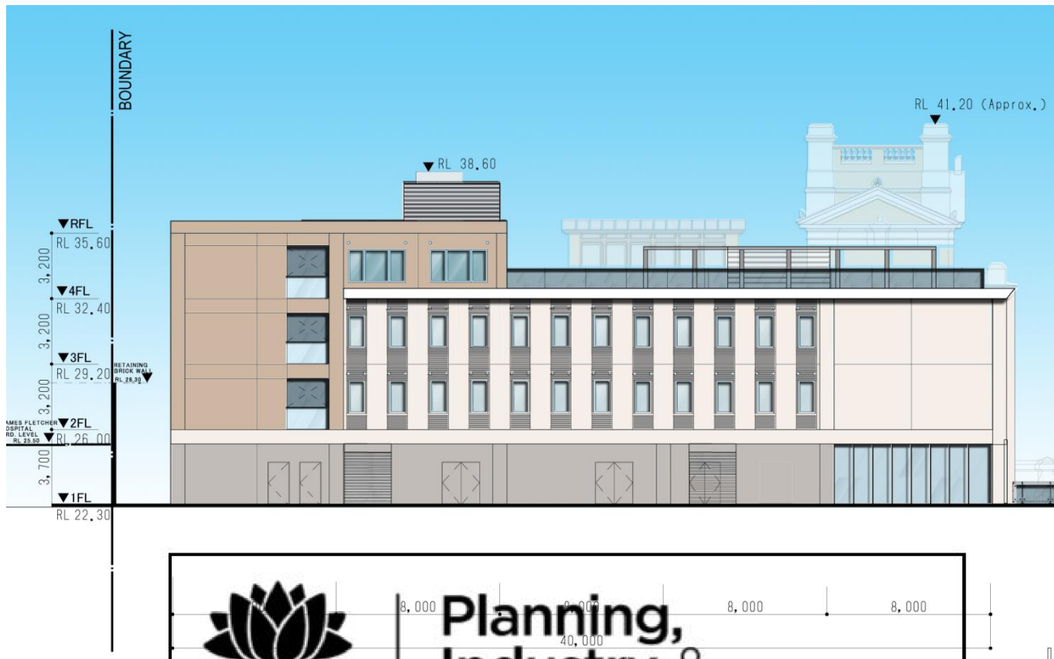
North and South Elevations

Scale 1 A1:1:50 A3:300

Date 2019・10・30

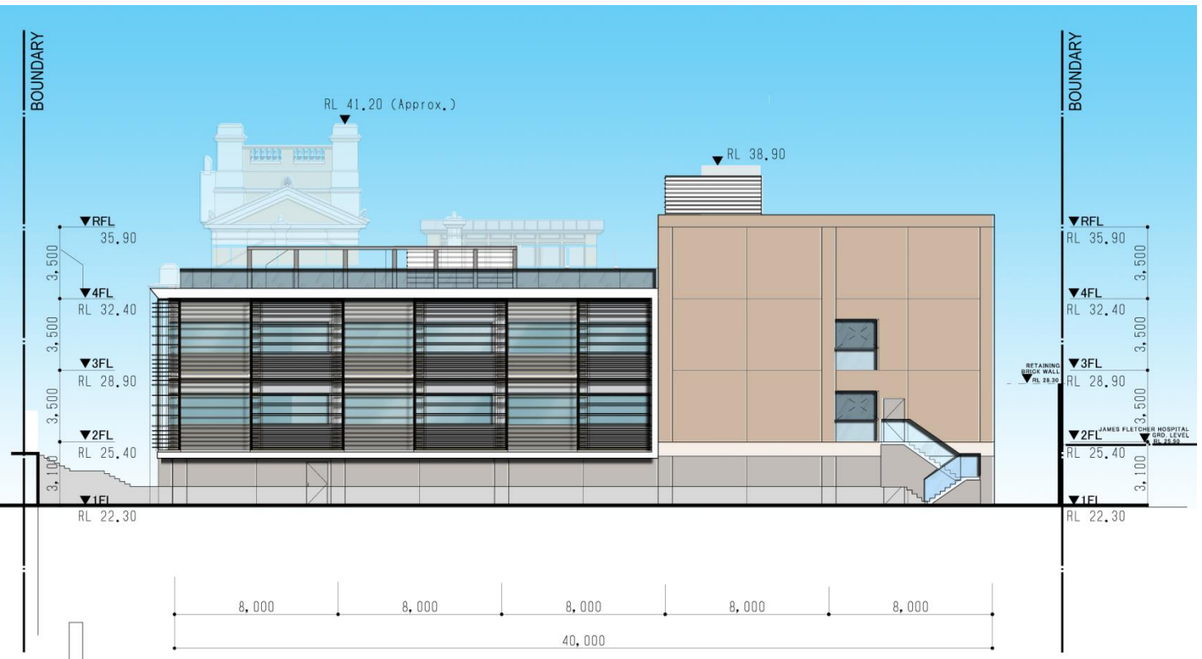
Drawing No. A — 114

No Rev-01



RESIDENTIAL BUILDING

EAST ELEVATION



EDUCATION BUILDING

WEST ELEVATION

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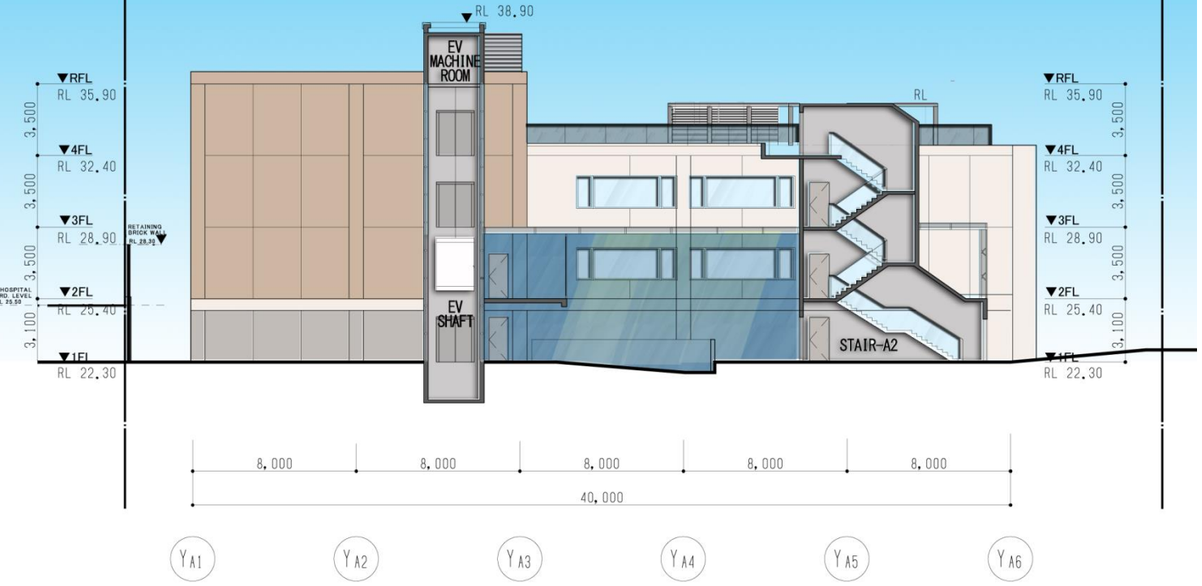
Approved Application No: SSD-9787 Signed:

Granted on the: 11 Dec 2019 Sheet No: 17 of 28



RESIDENTIAL BUILDING

WEST ELEVATION



EDUCATION BUILDING

EAST ELEVATION

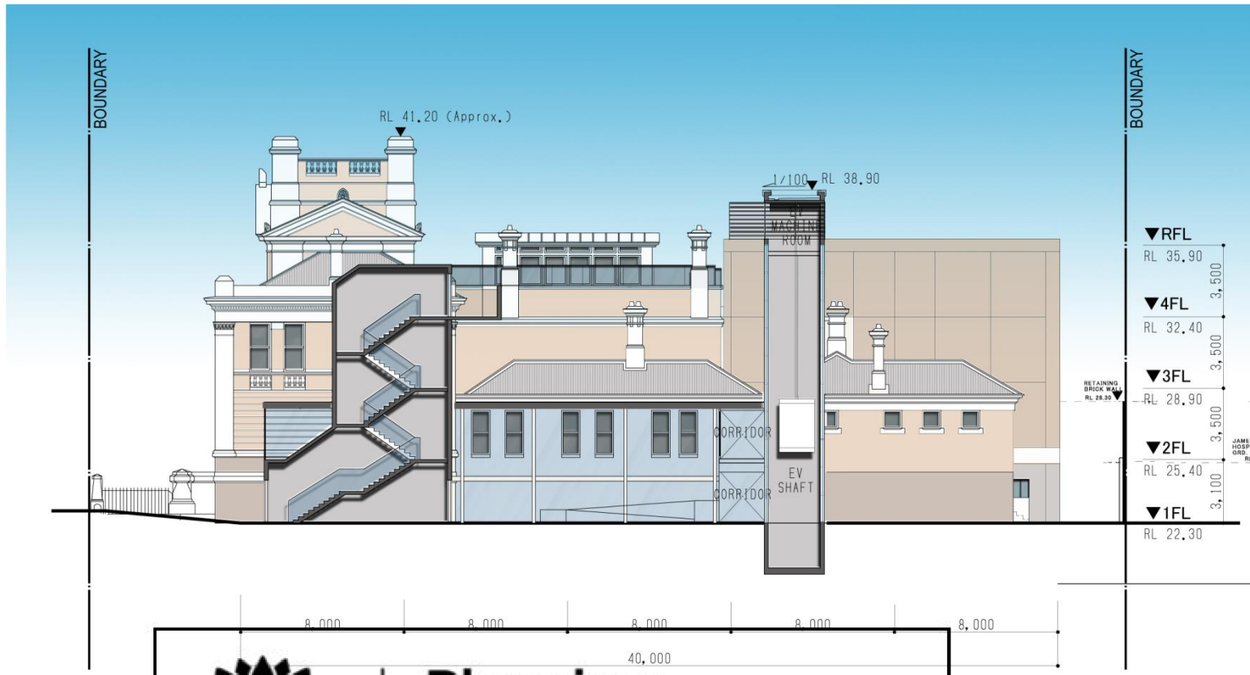
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Planner

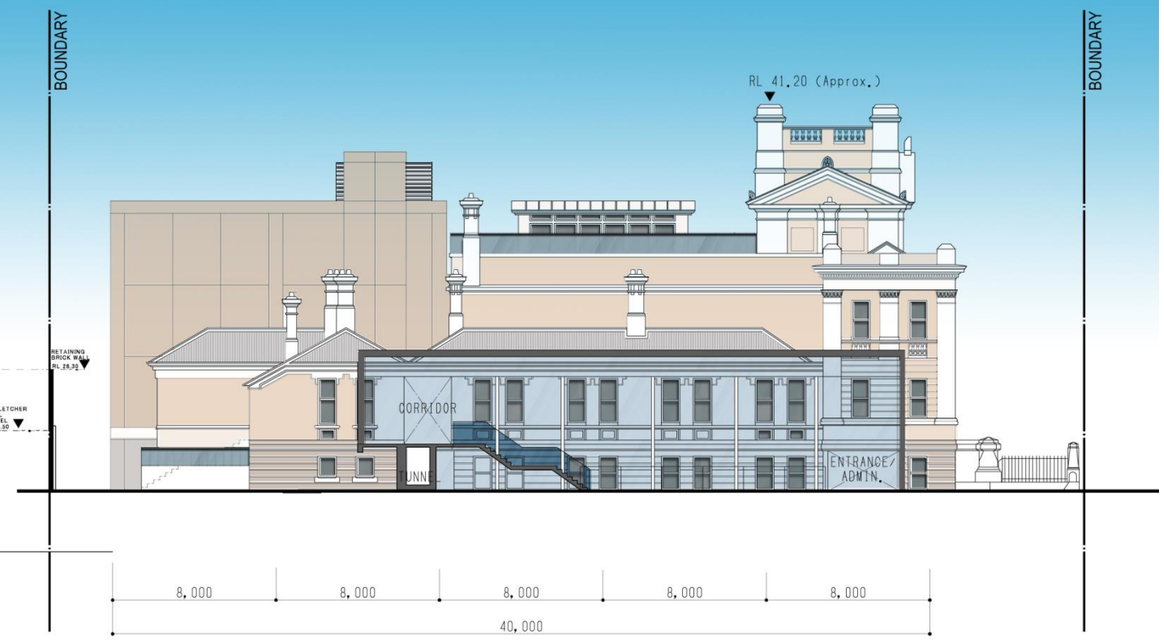
Nihon University
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East & West Elevations

Scale 1/A1:150 A3:300 | Date 2018・12・14 | Drawing No. A — 115 | No Rev — 0



COURTHOUSE WEST ELEVATION (W-W')



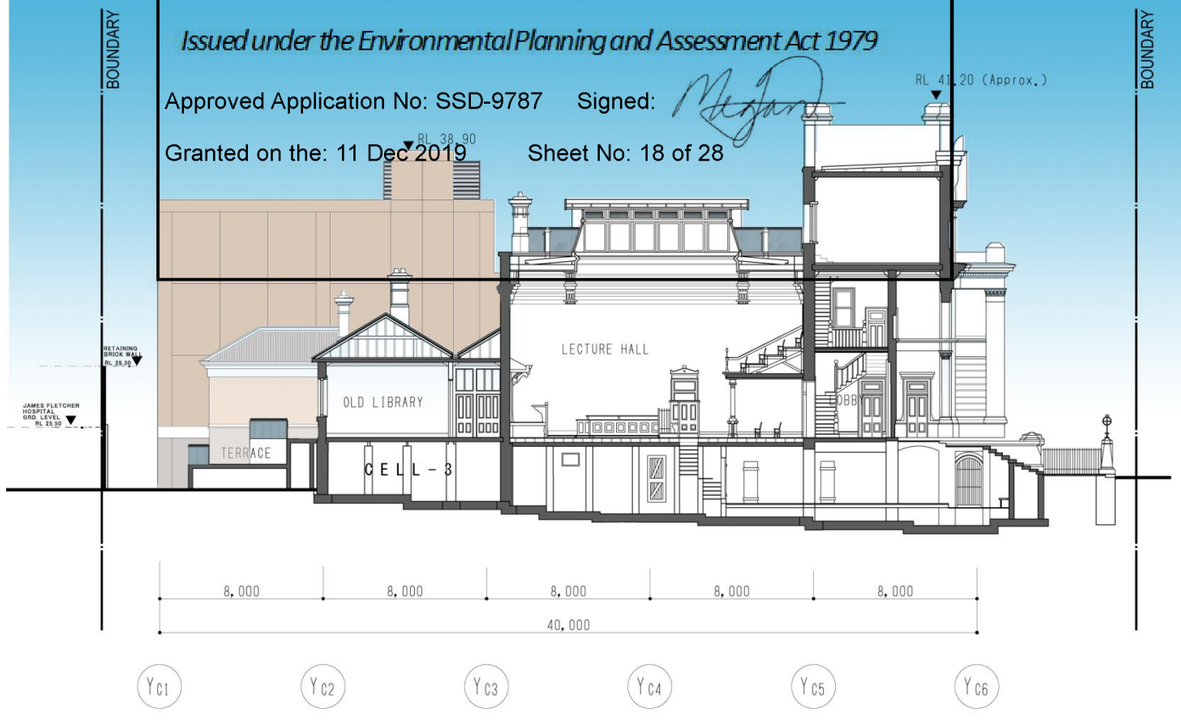
COURTHOUSE EAST ELEVATION (E-E')

NSW GOVERNMENT | Planning, Industry & Environment

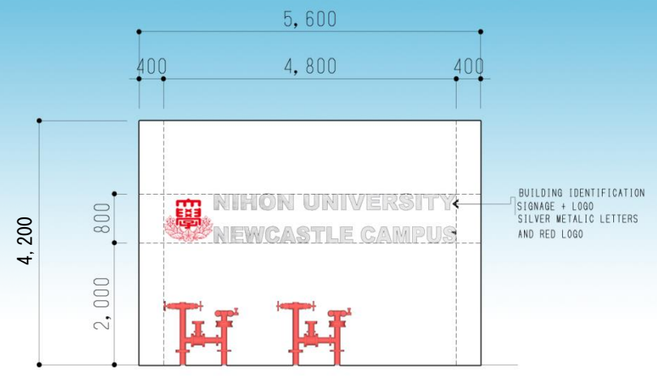
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9787 Signed:

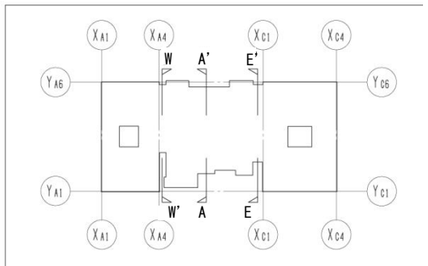
Granted on the: 11 Dec 2019 Sheet No: 18 of 28



COURTHOUSE SECTION (A-A')



Building Identification
Signage Elevation -1:50

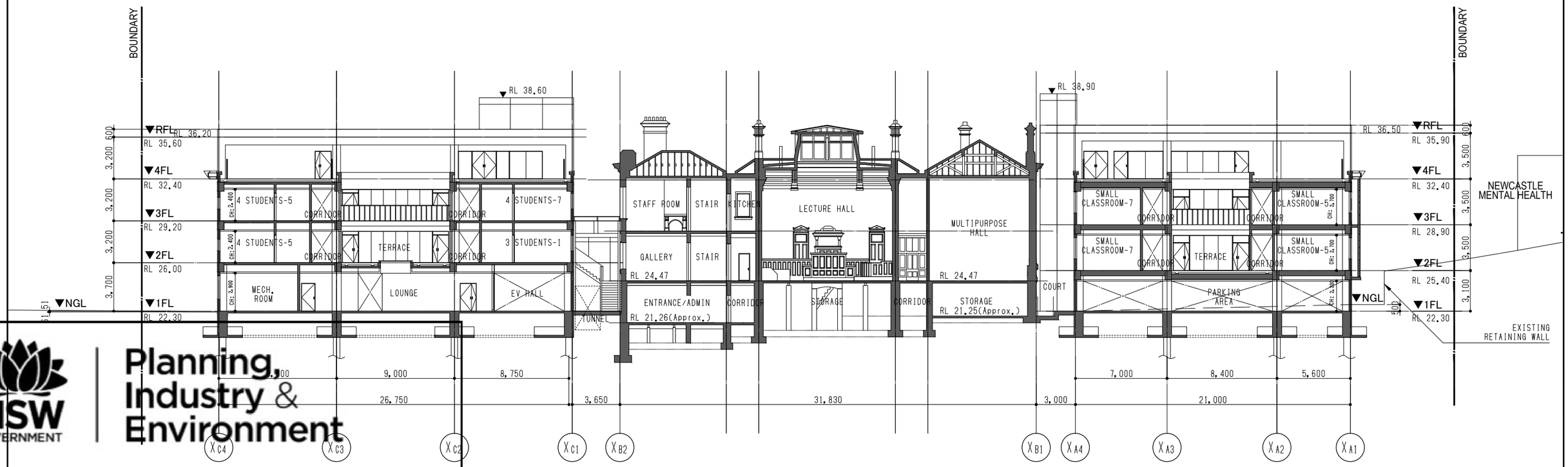


Key Plan

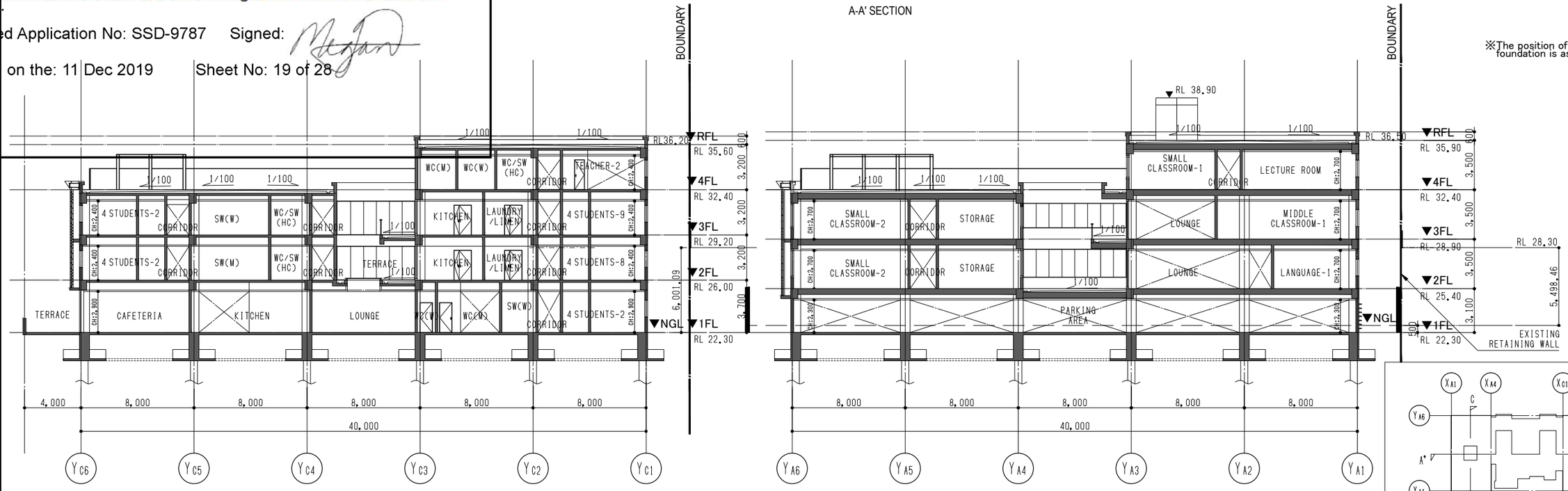
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Planner

Nihon University Australia Newcastle Campus Project	Drawing No. A — 116
Courthouse Elevations & Section	Scale 1/1:150 A3:300 · Date 2018・12・14 · No Rev — 0

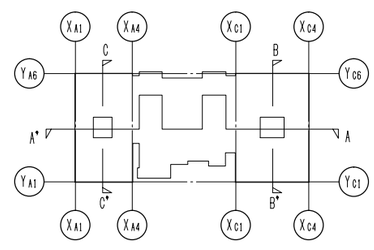


A-A' SECTION



B-B' SECTION

C-C' SECTION



Key Plan

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Approved Application No: SSD-9787 Signed:
Granted on the: 11 Dec 2019 Sheet No: 19 of 28

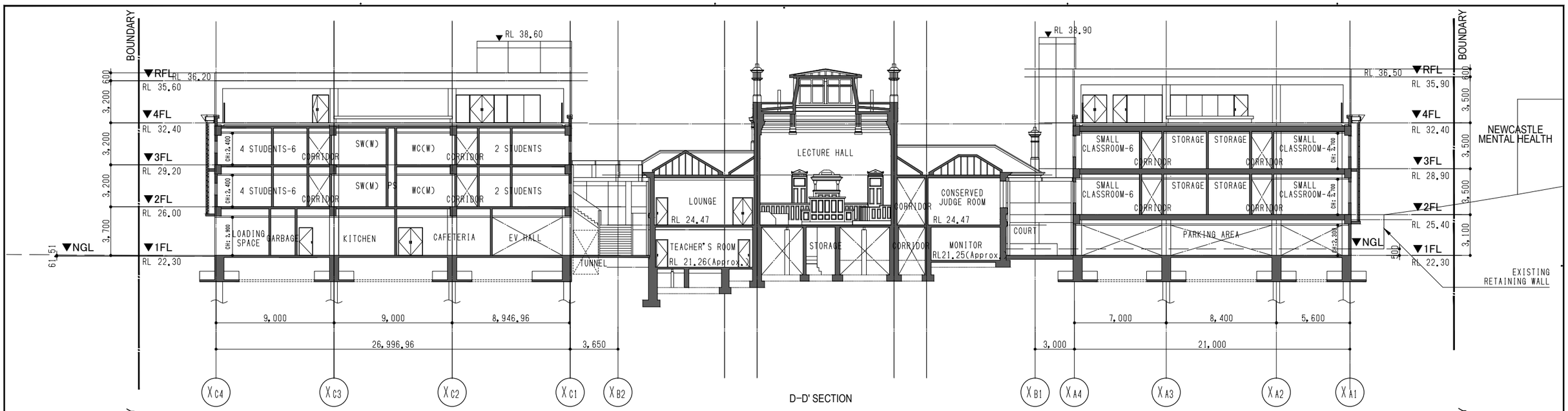
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Planner

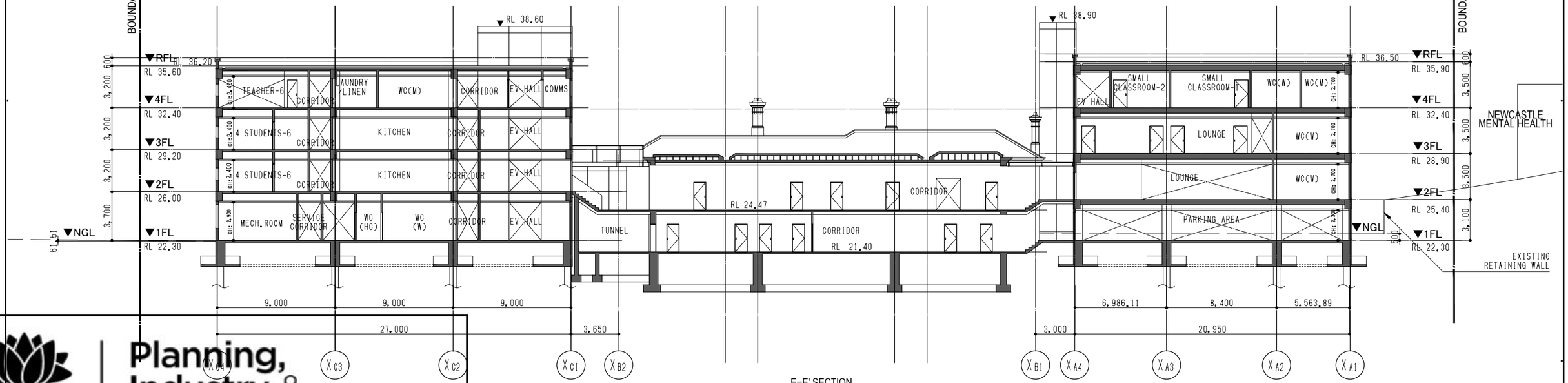
Nihon University
Australia Newcastle Campus Project

Sections-1

Scale 1/A1:150 A3:300
Date 2018・12・14
Drawing No. A — 117
No Rev-0



D-D' SECTION



E-E' SECTION

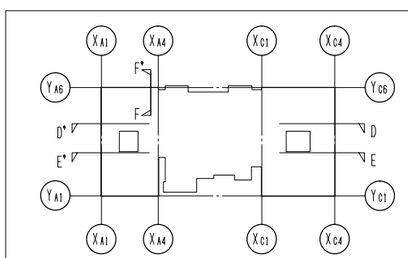
F-F' SECTION (S:1/100 A3)

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Granted on the: 11 Dec 2019 Sheet No: 20 of 28



Key Plan

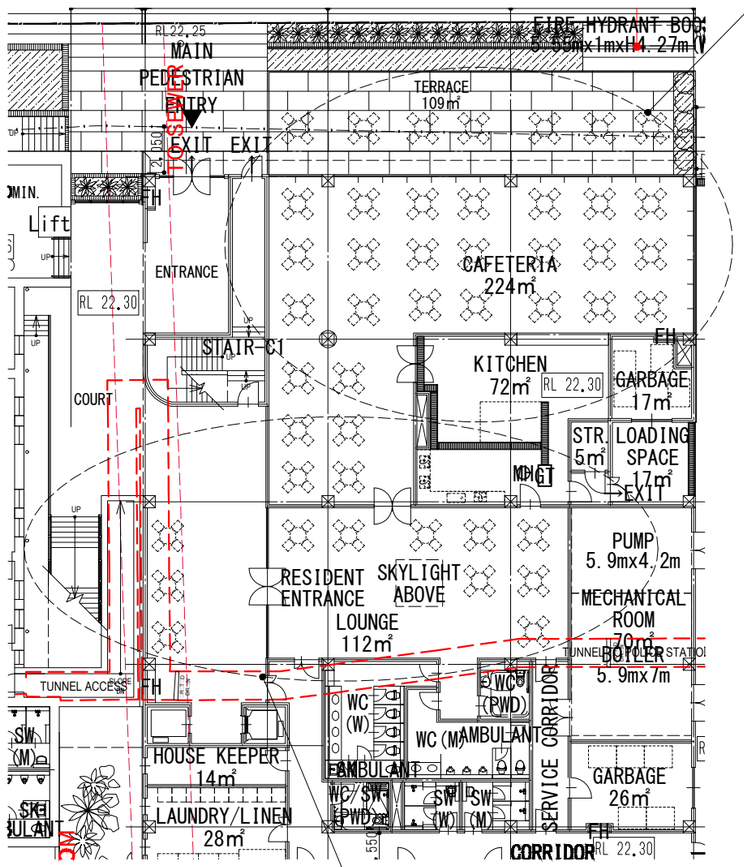
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Planner

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Australia Newcastle Campus Project

Sections-2

Scale 1/A1:150 A3:300 | Date 2018・12・14 | Drawing No. A — 118 | No Rev-0



Cafeteria

The cafeteria is open to 2 sides to allow natural light to come in. It is equipped with an outside terrace open to street and public so that on sunny days and under nice weather students can enjoy snacks outside. The Cafeteria would offer pre-cooked catered light meals and beverages. Designed with natural light and earthy colours, the cafeteria offers relaxed and open interactive communication space for everyday.

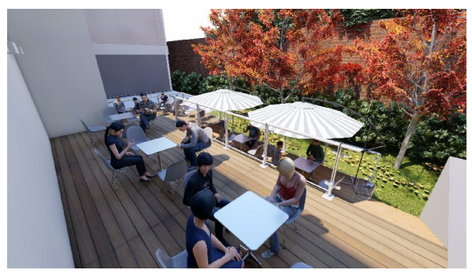


Privacy Considerations

On the front façade, privacy is assured with the louvres screen on the outside that would limit not only direct sun-light but also views from the street or from the buildings across the road. It would also limit the views from inside into the building across the road. Where the louvres are not installed, curtains and blinds inside the rooms would be used for privacy controls.
Privacy for the rooms facing the atrium, the three rooms fronting the stair is outside the atrium, so that the glass wall with wooden louvres would shut the view and for the remaining two rooms, there is enough distance so that there would be no straight views.





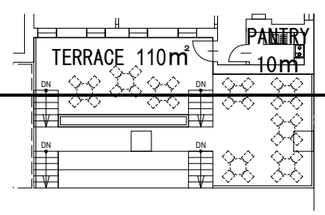


Entrance Hall & Lounge

The Entrance hall opens to a double height glass atrium adjacent to the Courthouse side elevation to give an established environment of the University and yet soft and kind thanks to the natural light and the natural flow of air, and the sight visibility that is continuous till the end section. Lounge area has a sky light to allow natural light from above but with the double height atrium aside, gives openness and a feeling of a safe environment, being already in a closed protected space. The Lounge, though semi-public area, would give a feeling of relaxed on coming back home.

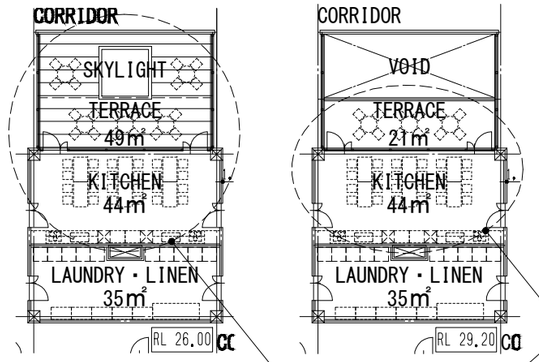
1st Floor Amenity Area
- Entrance Lobby/ Lounge
- Cafeteria
- Southern Terrace

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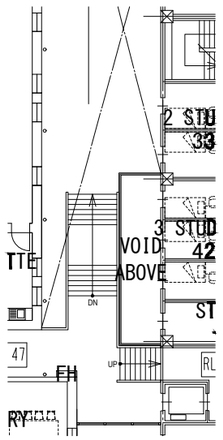


Southern Terrace

Backside terrace offers anintimate external outside communication space facing the Japanese Maple trees and is an outdoor private area. Directly accessible from the Old Library, the Southern terrace area offers calm and tranquil space to sit and relax in the breeze. In Autumn time while sipping hot coffee, students can enjoy the colourful leaves of the Momiji.



2nd Floor Amenity Area
- Communal Kitchen
- Terrace



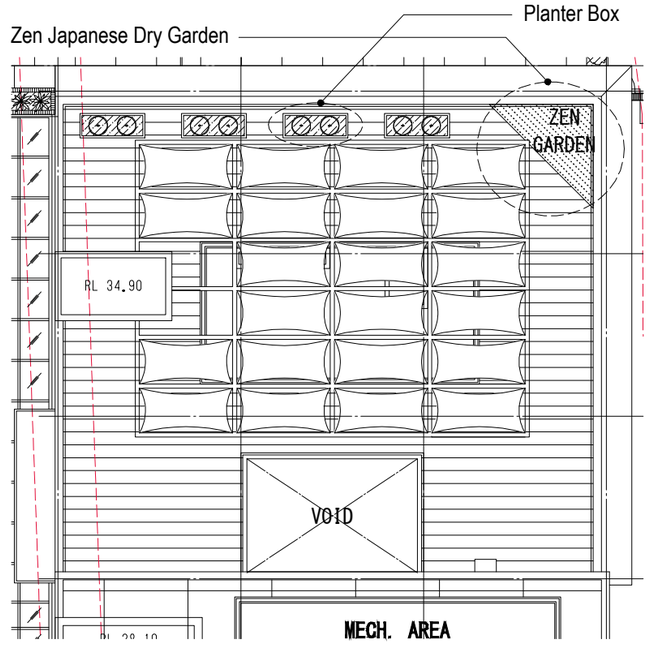
Atrium & Open-Stair



Kitchenette and Inner Terrace

Provided at every dormitory floor, the kitchenette and inner terrace open to air provide a private communal space for student use. Students can make their own light food or wait for their laundry to get done.
It is also the only space where cross gender communication is possible between terraces.





Rooftop Terrace

The roof top terrace offers a large space for an outdoor relaxation. The wooden deck and a Japanese zen stone garden at the corner, together with plants in the boxes would offer a private garden for the exclusive student use.

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Amenity Planning

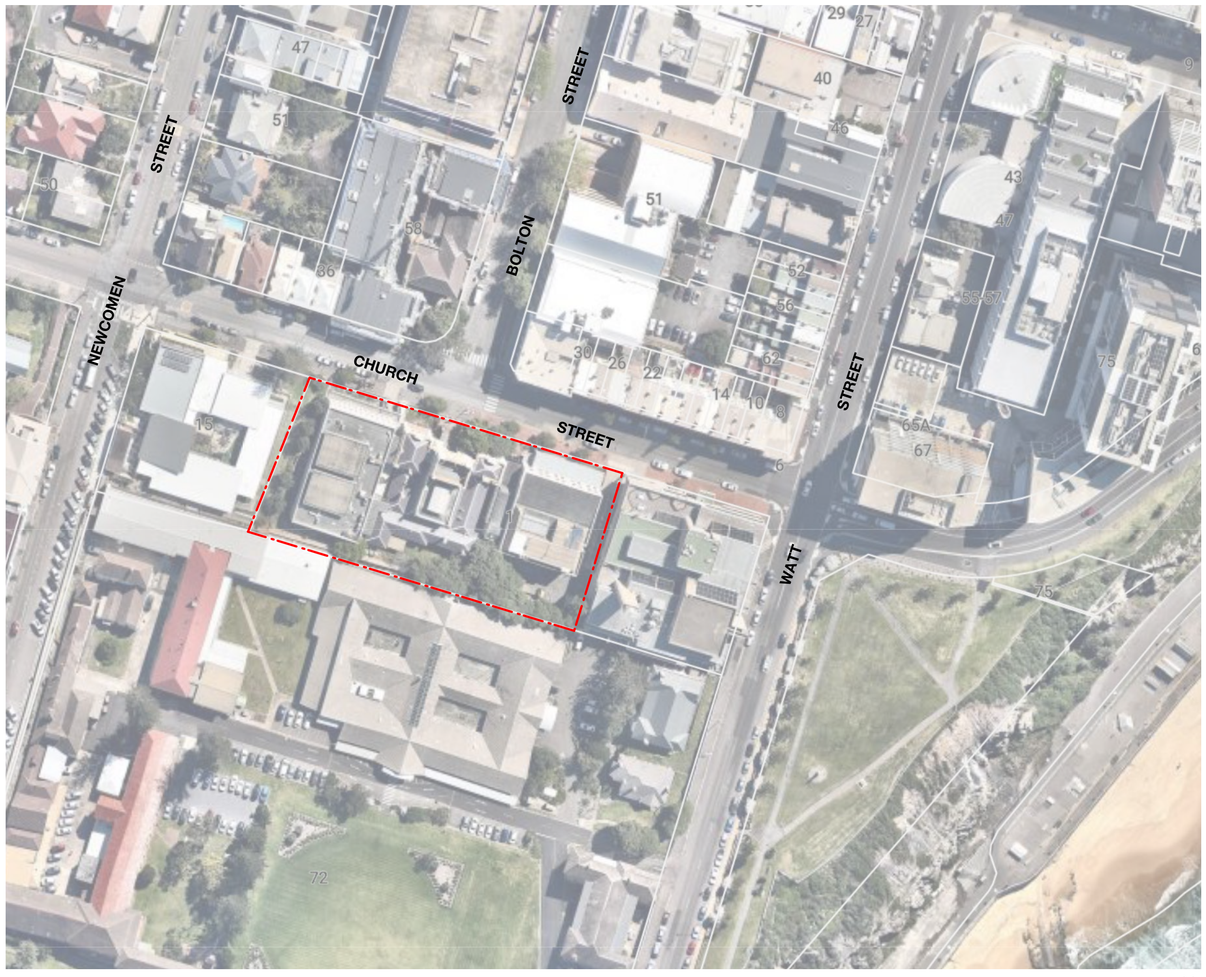
Scale 1/ A1:1/50 A3:1/100 | Date 2018・12・14

Drawing No. A — 119

No Rev-0

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

N

DRAWING SCHEDULE

DWG N0.	DRAWING TITLE	ISSUE	DATE
LP01	COVER SHEET	REV E	19.11.2019
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 E	19.11.2019
LP06	LANDSCAPE PLAN - 4TH FLOOR + STREET ELEVATION	REV E	19.11.2019
LP07	PLANTING & THEMING PALETTE	REV E	19.11.2019

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Granted on the: 11 Dec 2019 Sheet No: 22 of 28

moir landscape architecture
Studio 1, 88 Fern Street | PO Box 111
Islington NSW 2296
Phone (02) 4965 3500 Fax (02) 4965 3555
admin@moirlandscapearchitecture.com.au
www.moirlandscapearchitecture.com.au

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
E	19.11.2019	UPDATE DA

PROJECT: **NIHON UNIVERSITY AUSTRALIA NEWCASTLE CAMPUS**
9 CHURCH STREET, NEWCASTLE, NSW 2300. LOT 1 D.P. 1199904

DRAWING: **COVER SHEET**

CLIENT: **NIHON UNIVERSITY**

STATUS: FOR SUBMISSION

PROJECT NUMBER: 1691

SHEET: 01 OF 07

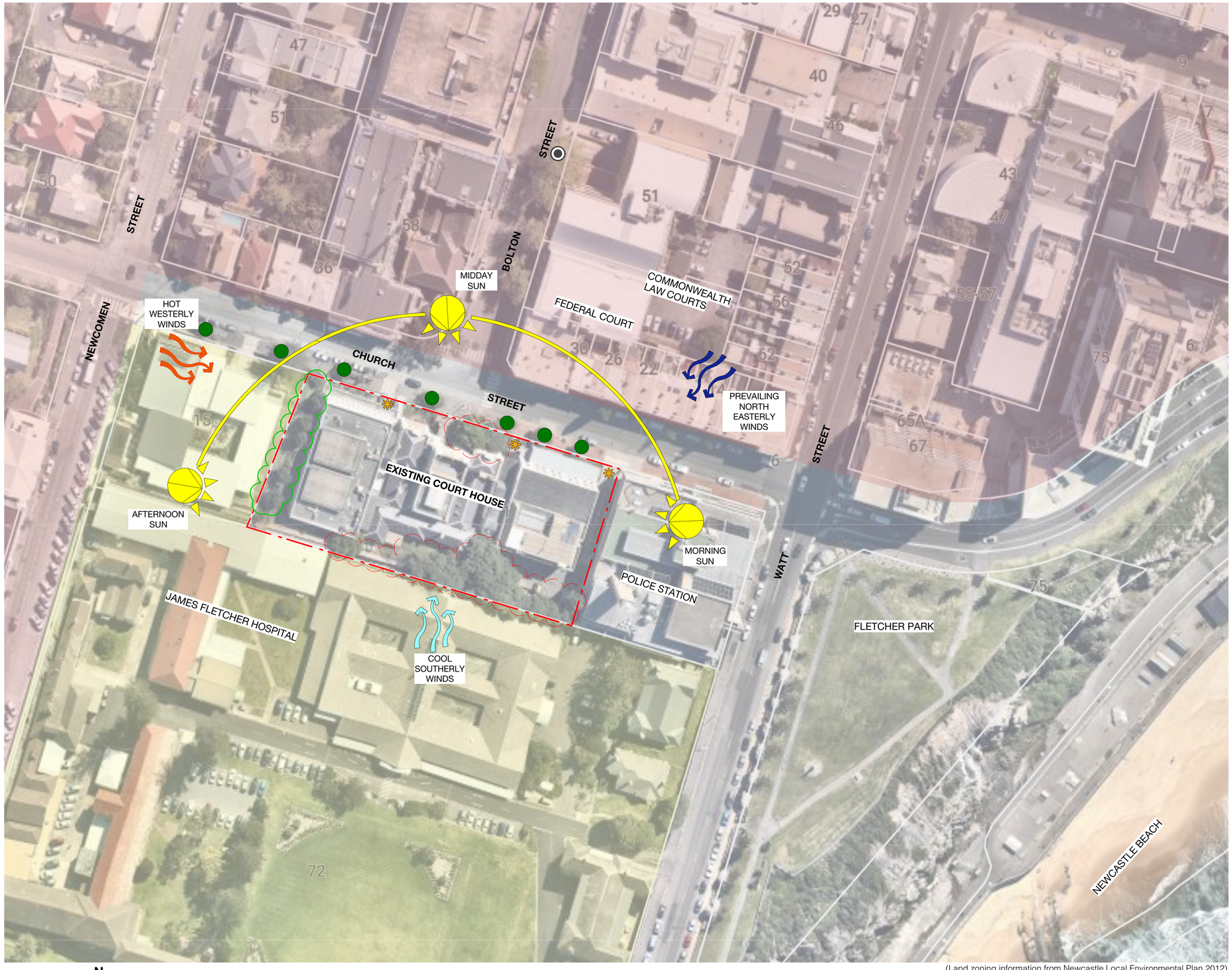
DRAWN BY:	CHECKED BY:	APPROVED BY:
CX	BR	BR

SCALE: NTS

REV: E

DATE: 19.11.2018

DRAWING: LP01



Google map
Scale: NTS

N

(Land zoning information from Newcastle Local Environmental Plan 2012)

LEGEND

- Boundary of development
- Entry / exit
- Site cross fall
- Existing vegetation to be retained
- Existing trees to be removed
- Residential area
- Health Services Facility
- Existing street tree
- Bus Stop

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Granted on the: 11 Dec 2019 Sheet No: 23 of 28

moir landscape architecture
Studio 1, 88 Fern Street | PO Box 111
Islington NSW 2296
Phone (02) 4965 3500 Fax (02) 4965 3555
admin@moirlandscapearchitecture.com.au
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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: **SITE ANALYSIS**

PROJECT NUMBER: 1691

SHEET: 03 OF 07

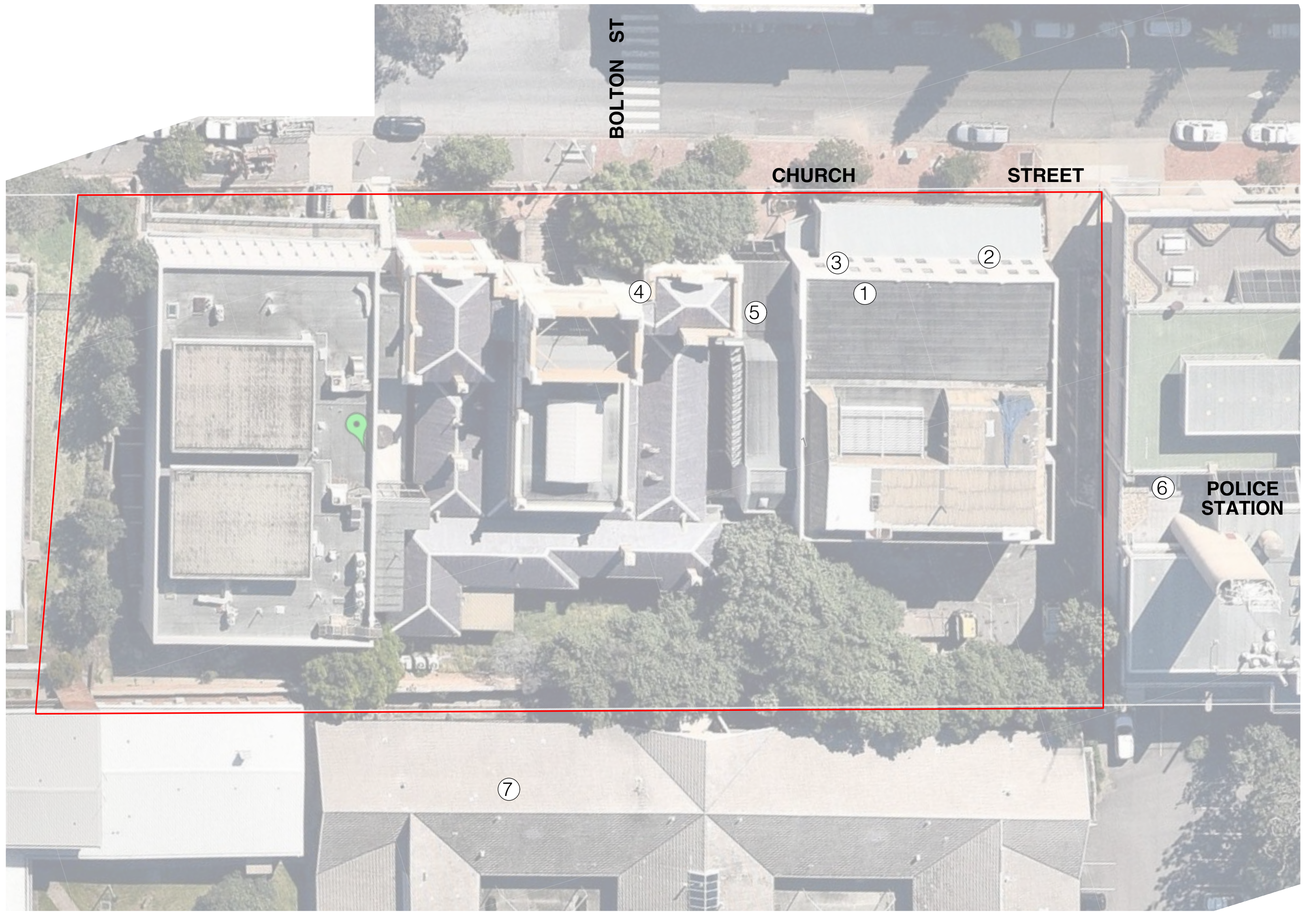
DRAWN BY:	CHECKED BY:	APPROVED BY:
CX	BR	BR

SCALE: NTS

REV: D

DATE: 27.11.2018

DRAWING: LP02



Google map
Scale: NTS

N



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



Existing plinth to be retained



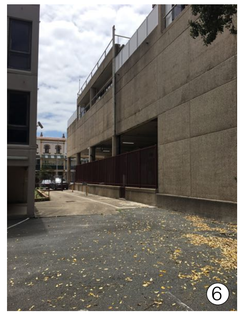
Existing bricks reused as feature banding



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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moir landscape architecture
Studio 1, 88 Fern Street | PO Box 111
Islington NSW 2296
Phone (02) 4965 3500 Fax (02) 4965 3555
admin@moirlandscapearchitecture.com.au
www.moirlandscapearchitecture.com.au

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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: **SITE PHOTOGRAPHY**

PROJECT NUMBER: 1691

SHEET: 03 OF 07

DRAWN BY:	CHECKED BY:	APPROVED BY:
CX	BR	BR

SCALE: NTS

REV: D

DATE: 27.11.2018

DRAWING: LP03

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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moir landscape architecture
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Islington NSW 2296
Phone (02) 4965 3500 Fax (02) 4965 3555
admin@moirlandscapearchitecture.com.au
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D	27.11.2018	UPDATE DA

PROJECT: **NIHON UNIVERSITY AUSTRALIA NEWCASTLE CAMPUS**
9 CHURCH STREET, NEWCASTLE, NSW 2300. LOT 1 D.P. 1199904

DRAWING: **DESIGN STATEMENT**

CLIENT: **NIHON UNIVERSITY**

STATUS: FOR SUBMISSION

PROJECT NUMBER: 1691

SHEET: 04 OF 07

DRAWN BY:	CHECKED BY:	APPROVED BY:
CX	BR	BR

SCALE: NTS

REV: D

DATE: 27.11.2018

DRAWING: LP04

Proposed terraced concrete planter to match existing levels.

Existing fence retained on terraced planter

Existing street tree to be retained with brick banding

Low hedge planting *Gardenia jasminoides* (Cape Jasmine)

Proposed concrete stairs to access existing levels

Proposed feature tree in open lawn.

Existing bollards and fence to be retained and make good

Existing kerb ramp to be retained.

Proposed new street tree to be of same species as the tree that is to be removed. *(Magnolia grandiflora 'Little Gem')*

Existing plinth to be retained.

Existing street tree to be removed to make way for service vehicle exit.

Low hedge planting *Gardenia jasminoides* (Cape Jasmine)

Heavy duty concrete paving for service vehicle zone

Existing fence retained on new brick edge

Reuse existing bricks as feature banding

Removable bollards for service vehicle to entry/exit.

CHURCH

STREET

SUBSTATION

FIRE HYDRANT

SERVICE VEHICLE ZONE

SLOPE

EX25.57 EX25.23 EX23.57 EX23.04 EX22.26 EX22.11 EX22.35

RL25.37 RL25.27 TW24.44 TW24.14 TW23.84 EX23.56 EX23.34 EX22.25 EX22.37 EX22.53

RL26.94 RL23.75 RL26.91 RL26.93 RL26.96 RL27.02 EX27.13 RL28.40 RL28.95 RL23.35 RL23.37 RL24.75

EX23.19 EX23.04 FL33.20 RL22.20 FL22.28 FL21.23 RL 22,30 RL 21.25 RL 21.26 RL 22.30 RL 21.40 EX23.0 EX22.86 EX22.62 EX22.60 EX22.64 EX22.57

Raised concrete planter with hedge planting

Existing vegeation to be retained

Proposed garden bed with feature planting for seasonal interests

Existing brick edge to be retained

Existing fence relocated to the back as barrier fence

Narrow hedge planting for privacy. *Syzygium Pinnacle* (Pinnacle Lilly Pilly)

Easement for Servises 1.7m wide

Easement for Drainage of Water 3m wide

Easement for Services Variable width

Right Of Foot Way 2.51m Wide

Restriction on the use of Land 3m wide

Nature garden with random stepping stones and fern planting. *Cyathea australis* (Rough Tree Fern)

Easement to Permit Encroaching Structuire to Remain 0.05m & 0.75m wide

Water tank underground refer to architectural drawing

Proposed random stepping stone in decomposed granite

Proposed bamboo screening

Proposed garden bed with feature trees for seasonal interests. *Acer palmatum* (Japanese maple)

0 2 4 6 8 10 M

N

Landscape plan - 1st floor

Scale: 1:150@A1

LEGEND

- Lot boundary
- Existing level (EX23.04)
- Proposed level (RL21.25)
- Brick paving
- Sandstone paving
- Concrete paving
- Asphalt paving
- Decomposed granite paving
- Random stepping stones
- Brick planter
- Concrete wall
- Signage wall refer to architectural drawing
- Easement line
- Water tank underground
- Existing fence retained & relocated
- Existing plinth to be retained
- Removable bollards
- Existing trees to be removed
- Existing trees to be retained
- Proposed new street tree (*Magnolia grandiflora 'Little Gem'*)
- *Prunus 'Shimidsu Sakura'* (Japanese Flowering Cherry)
- *Acer palmatum* (Japanese maple)
- *Robinia pseudoacacia 'Umbraculifera'* (Black Locust)
- *Camellia hiemalis 'Hiryu'* (Camellia)
- *Cyathea australis* (Rough Tree Fern)
- Proposed shrub planting *Westringia fruticosa* (Coastal Rosemary) *Doodia aspera* (Prickly Rasp Fern) *Polystichum munitum* (Western Sword Fern) *Asplenium nidus* (Bird's Nest Fern)
- Lawn
- Mass planting
- Bamboo screening
- Hedge planting
- Grassed swale (S)

NSW GOVERNMENT Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No: SSD-9787 Signed:

Granted on the: 11 Dec 2019 Sheet No: 26 of 28

moir landscape architecture
Studio 1, 88 Fern Street | PO Box 111
Islington NSW 2296
Phone (02) 4965 3500 Fax (02) 4965 3555
admin@moirlandscapearchitecture.com.au
www.moirlandscapearchitecture.com.au

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
E	19.11.2019	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**

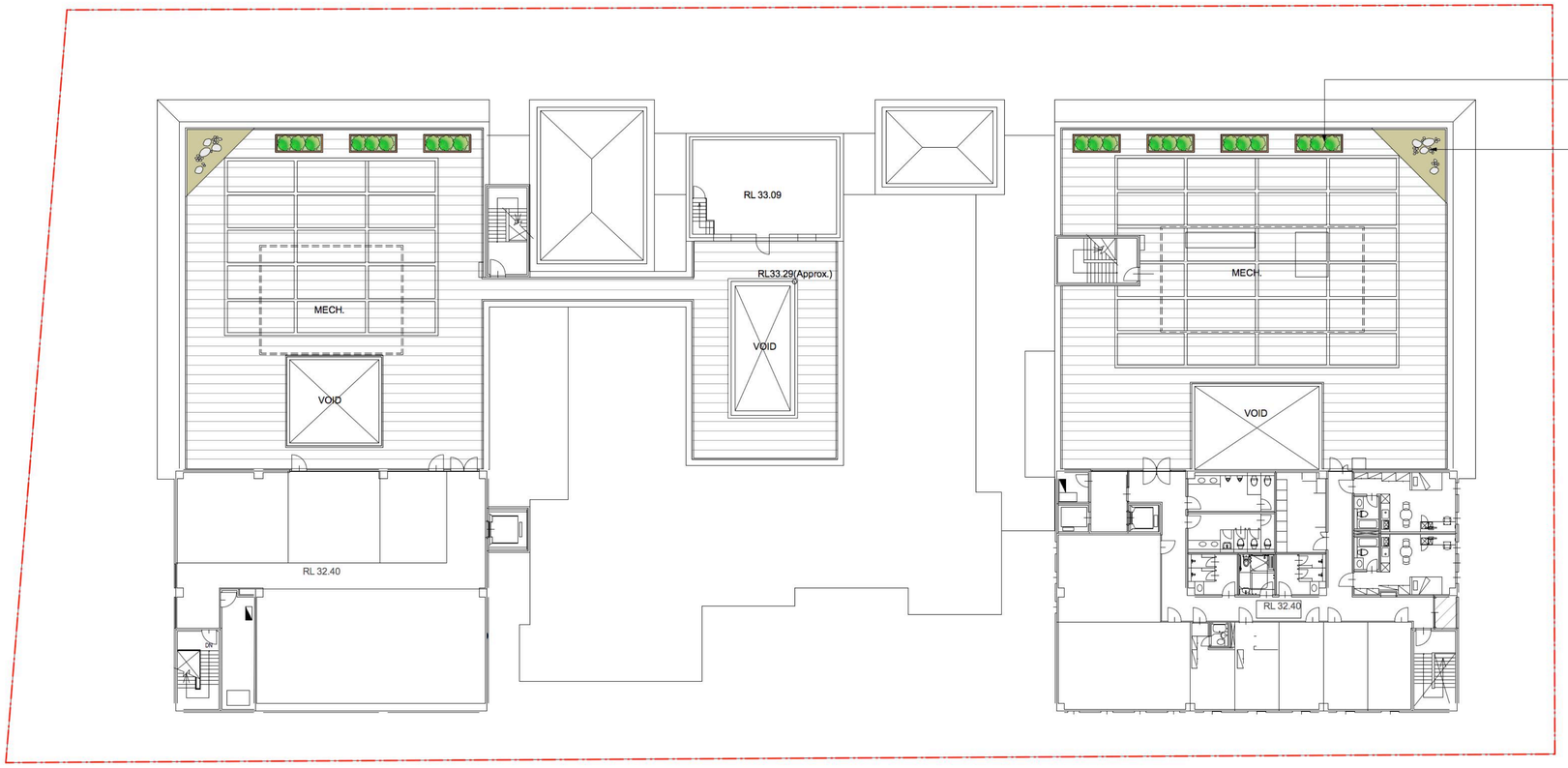
PROJECT NUMBER: 1691

SHEET: 05 OF 07

DRAWN BY:	CHECKED BY:	APPROVED BY:
CX	BR	BR

SCALE:	REV:
1:150@A1	E

DATE:	DRAWING:
19.11.2018	LP05



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

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Approved Application No: SSD-9787 Signed:

Granted on the: 11 Dec 2019 Sheet No: 27 of 28

Landscape plan - 4th floor

Scale: 1:200@A1



Church Street Elevation

Scale: 1:150@A1

moir landscape architecture
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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:	CHECKED BY:	APPROVED BY:
CX	BR	BR

SCALE: AS SHOWN

REV: E

DATE: 19.11.2018

DRAWING: LP06

TREES



Acer palmatum
Japanese maple



Prunus 'Shimidsu Sakura'
Japanese Flowering Cherry



Cyathea australis
Rough Tree Fern



Magnolia grandiflora 'Little Gem'
Little Gem Magnolia

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
TREES				
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
MAG gra	*Magnolia grandiflora 'Little Gem'*	Little Gem Magnolia	100L	6m / 3m
HEDGE				
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
LOW SHRUBS/GROUNDCOVERS				
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
GRASSES				
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

Planning, Industry & Environment

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

CLIENT: **NIHON UNIVERSITY**

STATUS: FOR SUBMISSION

DRAWING: **PLANTING + THEMING PALETTE**

PROJECT NUMBER: 1691

SHEET: 07 OF 07

DRAWN BY:	CHECKED BY:	APPROVED BY:
CX	BR	BR

SCALE: NTS

REV: E

DATE: 19.11.2018

DRAWING: LP07