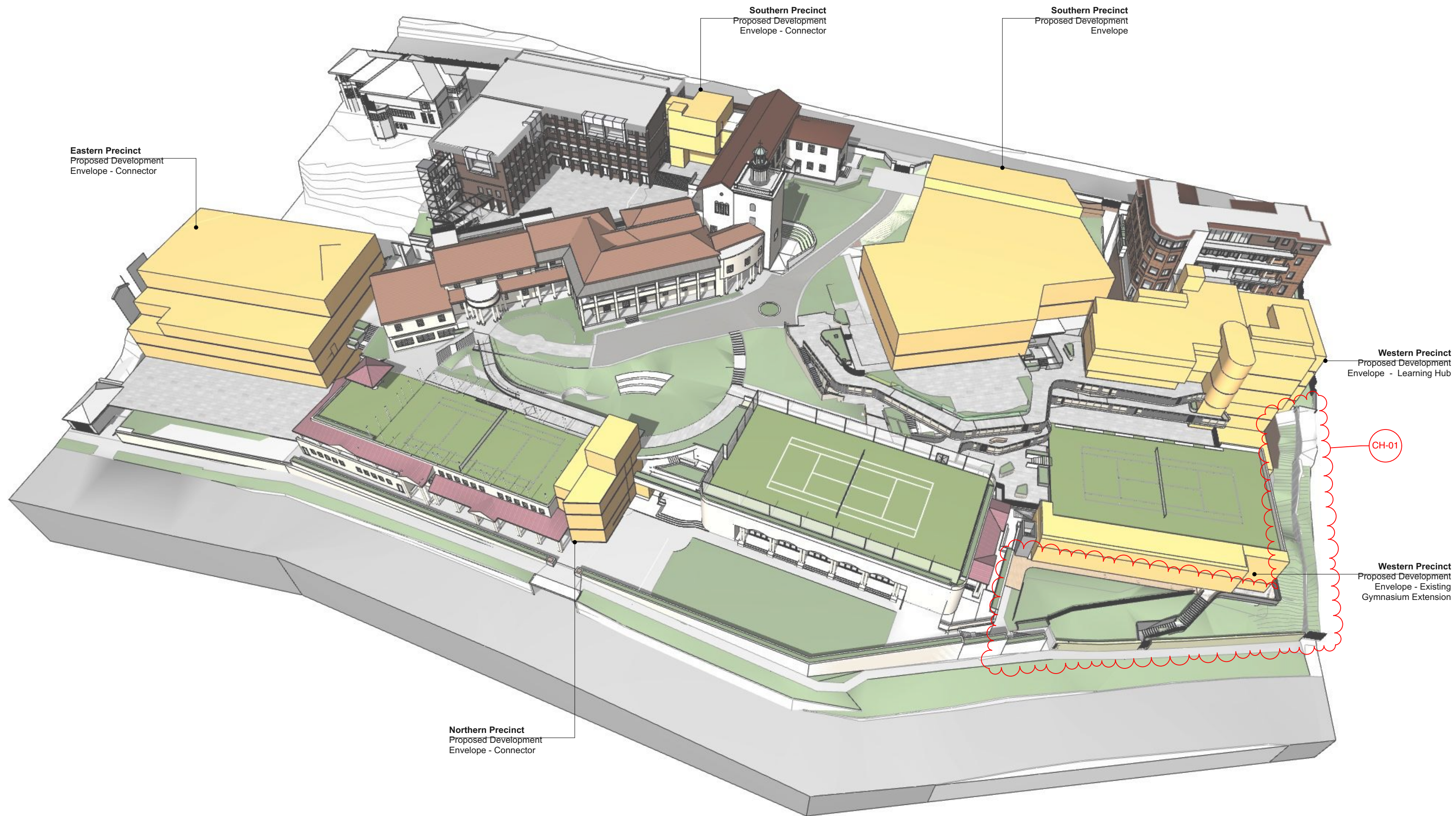


Loreto Kirribilli Masterplan - Concept Proposal

85 Carabella St, Kirribilli NSW 2061

DRAWING LIST - CONCEPT PROPOSAL

Layout ID	Layout Name	Current Revision ID
MP-1000	Cover Sheet	06
MP-1001	Location Plan - Existing	02
MP-1002	Site Plan - Existing	02
MP-1003	Site Analysis	02
MP-1004	Site Plan - Precincts	02
MP-1101	Site Plan - Proposed Envelopes Stage 1.1	04
MP-1102	Site Plan - Proposed Envelopes Stage 1.2	04
MP-1103	Site Plan - Proposed Envelopes Stage 2	05
MP-1104	Site Plan - Proposed Envelopes Stage 3	05
MP-1105	Western Precinct Development Site	02
MP-1106	Western Precinct Envelope	04
MP-1107	Northern Precinct Development Site	02
MP-1108	Northern Precinct Envelope	02
MP-1109	Eastern Precinct Development Site	03
MP-1110	Eastern Precinct Envelope	03
MP-1111	Southern Precinct Development Site 1	02
MP-1112	Southern Precinct Envelope 1	03
MP-1113	Southern Precinct Envelope 2	02
MP-2001	Masterplan Proposed Plan - LG4 LG3	04
MP-2002	Masterplan Proposed Plan - LG2 LG1	04
MP-2003	Masterplan Proposed Plan - G L 1	05
MP-2004	Masterplan Proposed Plan - L2 L3	05
MP-2005	Masterplan Proposed Plan - L4 L5	04
MP-3001	Elevation - Elamang Ave	05
MP-3002	Elevation - Carabella St	03
MP-4001	Section - Eastern & Southern Precinct	03
MP-4002	Section - Northern & Southern Precinct	02
MP-4003	Section - Western Precinct	04
MP-5001	Existing Shadow Diagrams 21 June 9am-12pm	03
MP-5002	Existing Shadow Diagrams 21 June 1pm-3pm	03
MP-5003	Existing Shadow Diagrams 21 Dec 1pm-3pm	03
MP-5004	Existing Shadow Diagrams 21 Dec 9am-12pm	03
MP-5005	Existing Shadow Diagrams 21 March 9am-12pm	03
MP-5006	Existing Shadow Diagrams 21 March 1pm-3pm	03
MP-5007	Existing Shadow Diagrams 23 Sept 9am-12pm	03
MP-5008	Existing Shadow Diagrams 23 Sept 1pm-3pm	03
MP-5009	Concept Proposal Envelopes Shadow Diagrams 21 June 9am-12pm	04
MP-5010	Concept Proposal Envelopes Shadow Diagrams 21 June 1pm-3pm	04
MP-5011	Concept Proposal Envelopes Shadow Diagrams 21 Dec 9am-12pm	04
MP-5012	Concept Proposal Envelopes Shadow Diagrams 21 Dec 1pm-3pm	04
MP-5013	Concept Proposal Shadow Diagrams 21 March 9am-12pm	04
MP-5014	Concept Proposal Shadow Diagrams 21 March 1pm-3pm	04
MP-5015	Concept Proposal Shadow Diagrams 23 Sept 9am-12pm	04
MP-5016	Concept Proposal Shadow Diagrams 23 Sept 1pm-3pm	04



GENERAL NOTES

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legend



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Sheet No: 1 of 28

A. Coonan

06	12/01/19	Modified SSD (04.55)	CH-01	Modified Western Precinct	AWY
05	15/7/19	Modified SSD (04.55)			CT
04	9/1/18	SSD RTS Submission			KT
03	25/7/17	SSD Submission			AWY
REV	DATE	DESCRIPTION			BY CHK

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**General
Cover Sheet**

scale Not to Scale first issued 7/7/17

project code sheet no. revision

LKIC MP-1000 06

Masterplan

Stage 1.1 Learning Hub (Stage 1 Works)

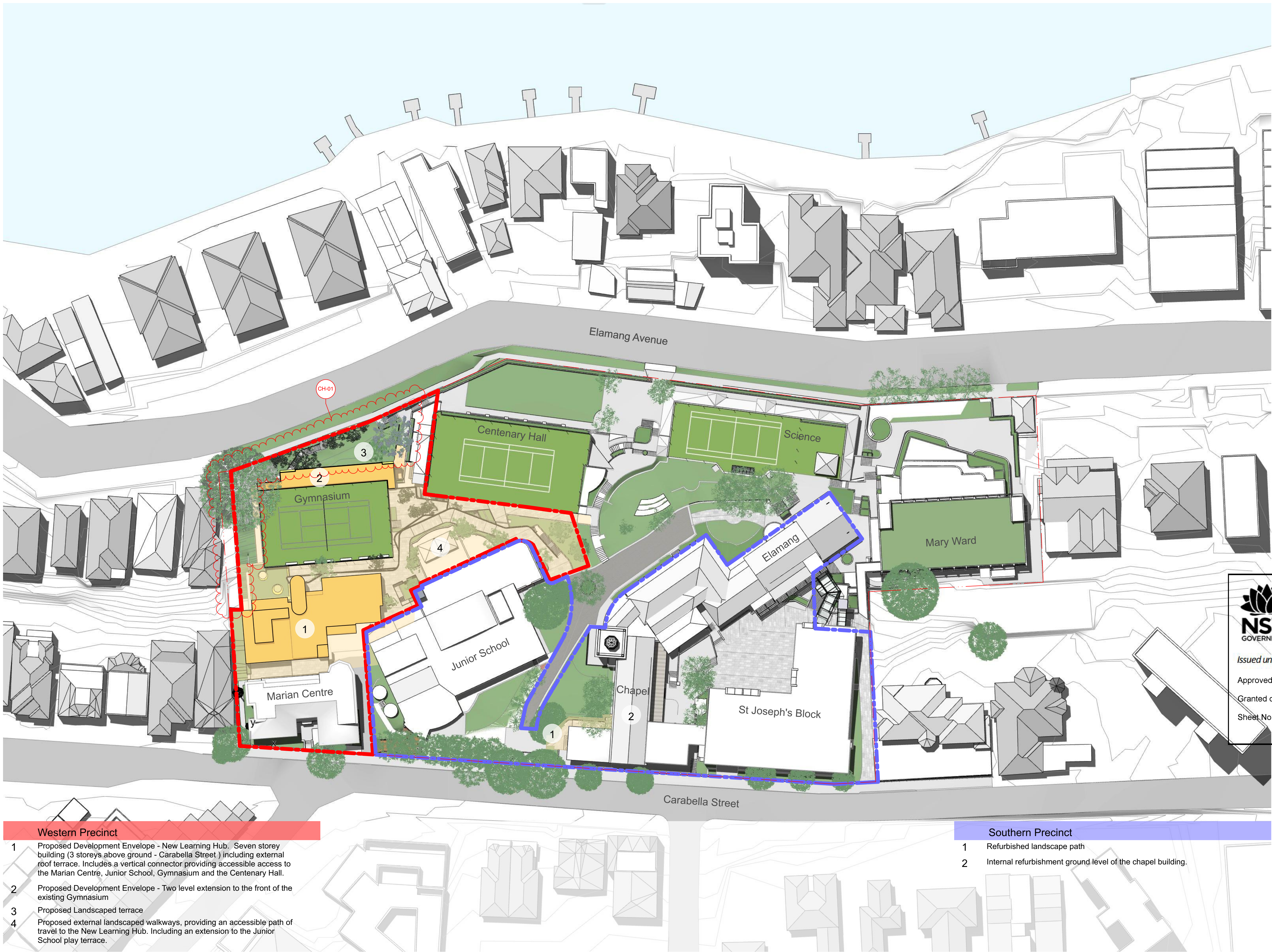


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Legend

PROPOSED DEVELOPMENT ENVELOPE

SITE BOUNDARY



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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

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Sheet No: 2 of 28

Western Precinct

- 1 Proposed Development Envelope - New Learning Hub. Seven storey building (3 storeys above ground - Carabella Street) including external roof terrace. Includes a vertical connector providing accessible access to the Marian Centre, Junior School, Gymnasium and the Centenary Hall.
- 2 Proposed Development Envelope - Two level extension to the front of the existing Gymnasium
- 3 Proposed Landscaped terrace
- 4 Proposed external landscaped walkways, providing an accessible path of travel to the New Learning Hub. Including an extension to the Junior School play terrace.

Southern Precinct

- 1 Refurbished landscape path
- 2 Internal refurbishment ground level of the chapel building.

04	12/0/19	Modified SSD (04.55)	CH-01	Modified Western Precinct	AWY
03	15/7/19	Modified SSD (04.55)	CH-01	Modified Western Precinct	CT
02	21/7/17	SSD Submission	CH-02	Modified Western Precinct	AWY
REV	DATE	DESCRIPTION			BY CHK

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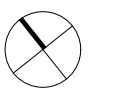
project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Envelopes
Site Plan - Proposed Envelopes Stage 1.1**

scale Not to Scale first issued 7/7/17

project code sheet no. revision

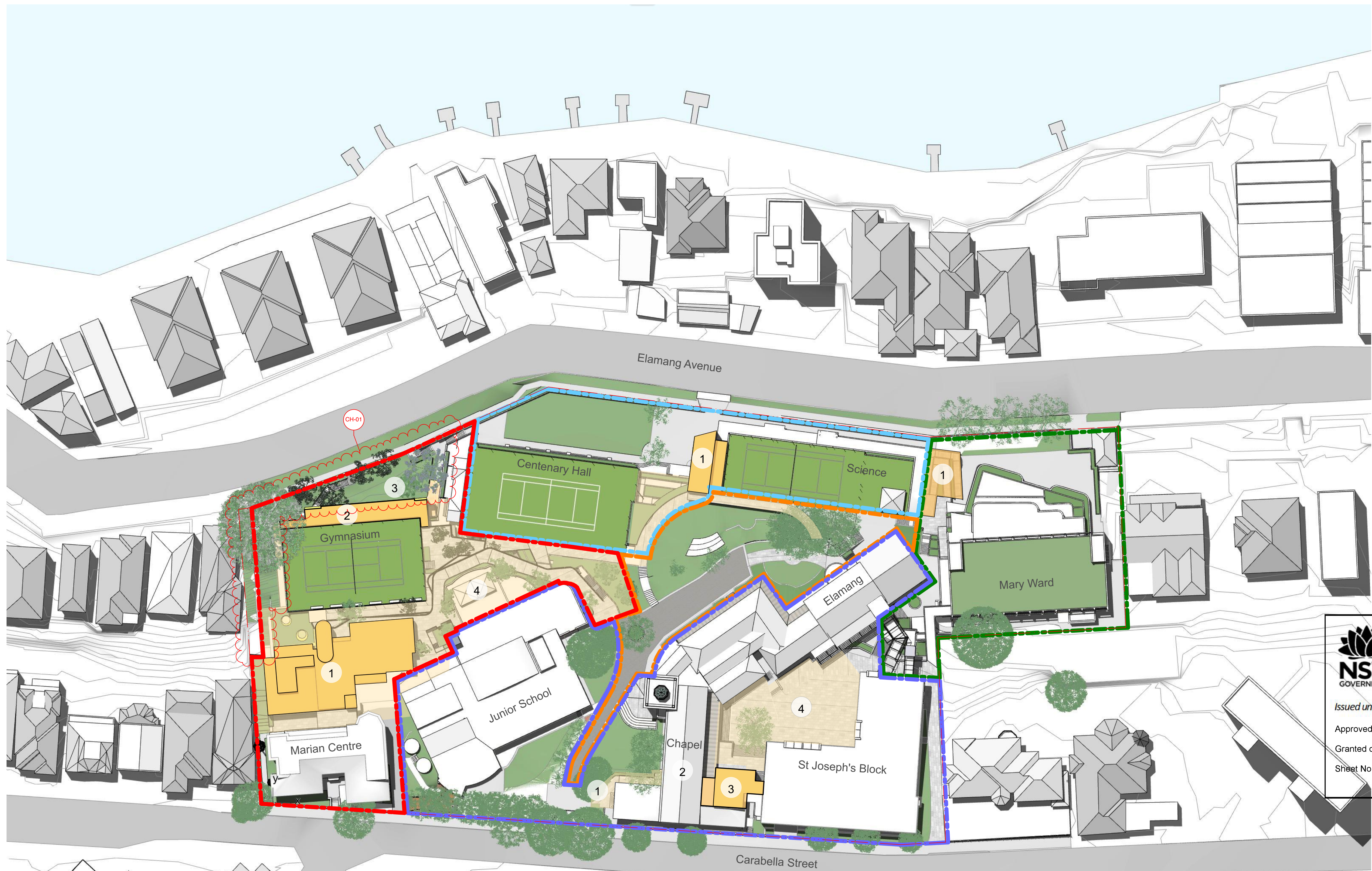
LKIC MP-1101 04



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 PROPOSED DEVELOPMENT ENVELOPE

— · — SITE BOUNDARY



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Sheet No: 3 of 28

Western Precinct		Northern Precinct		Eastern Precinct		Southern Precinct	
1	Proposed Development Envelope - New Learning Hub. Seven storey building (3 storeys above ground - Carabella Street) including external roof terrace. Includes a vertical connector providing accessible access to the Marian Centre, Junior School, Gymnasium and the Centenary Hall.	1	Proposed development envelope for a five storey vertical connector pod consisting of a lift, stairs and lockers. New external walkways, providing an accessible path of travel between the driveway, Science, Centenary Hall, the carpark and Elamang Avenue.	1	Proposed envelope for an interim ramp connector, providing an accessible path of travel between Science and Performing Arts.	1	Refurbished landscape path
2	Proposed Development Envelope - Two level extension to the existing Gymnasium					2	Internal refurbishment ground level of the chapel building.
3	Proposed Landscaped terrace					3	Proposed development envelope for a 5 storey vertical connector pod involving the restoration of the east Chapel wing to its original profile on Carabella Street. The connector pod will consist of a lift, learning studios and an external learning terrace. Providing an accessible path of travel between the driveway, Chapel, St Joseph's Block and the courtyard.
4	Proposed external landscaped walkways, providing an accessible path of travel to the New Learning Hub. Including an extension to the Junior School play terrace.					4	Refurbished landscaped courtyard
		Campus Core Minor interface works proposed in relation with adjacent precincts					

04	12/9/19	Modified SSD (\$4.55)	CH-01	Modified Western Precinct	AWY
03	15/7/19	Modified SSD (\$4.55)	CH01, CH03	Modified Western Precinct, Modified Southern Precinct	CT

REV	DATE	DESCRIPTION	BY	CHK
02	21/7/17	SSD Submission	AWY	

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project

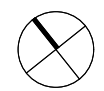
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

Envelopes
Site Plan - Proposed Envelopes Stage 1.2

scale	Not to Scale	first issued	7/7/17
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project code	sheet no.	revision
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Masterplan Stage 2* - Eastern Precinct (Concept Proposal)



GENERAL NOTES
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Legend

PROPOSED DEVELOPMENT ENVELOPE

SITE BOUNDARY

* SEQUENCE OF STAGE 2 AND
3 WORKS FOR FUTURE
DETERMINATION



**Planning,
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Sheet No: 4 of 28

A. Coonan

Western Precinct	Northern Precinct	Eastern Precinct	Southern Precinct
1 Proposed Development Envelope - New Learning Hub. Seven storey building (3 storeys above ground - Carabella Street) including external roof terrace. Includes a vertical connector providing accessible access to the Marian Centre, Junior School, Gymnasium and the Centenary Hall. 2 Proposed Development Envelope - Two level extension to the existing Gymnasium 3 Proposed Landscaped terrace 4 Proposed external landscaped walkways, providing an accessible path of travel to the New Learning Hub. Including an extension to the Junior School play terrace.	1 Proposed development envelope for a five storey vertical connector pod consisting of a lift, stairs and lockers. New external walkways, providing an accessible path of travel between the driveway, Science, Centenary Hall, the carpark and Elamang Avenue. Campus Core Minor interface works proposed in relation with adjacent precincts	Removal of interim ramp connector. Proposed development envelope for a five story building including connector. (Height consistent with the height of the parapet of the existing Mary Ward building)	1 Refurbished landscape path 2 Internal refurbishment ground level of the chapel building. 3 Proposed development envelope for a 5 storey vertical connector pod involving the restoration of the east Chapel wing to its original profile on Carabella Street. The connector pod will consist of a lift, learning studios and an external learning terrace. Providing an accessible path of travel between the driveway, Chapel, St Joseph's Block and the courtyard. 4 Refurbished landscaped courtyard

05	12/01/19	Modified SSD (04.55)	CH-01	Modified Western Precinct	AWY
04	15/01/19	Modified SSD (04.55)			CT
03	9/1/18	SSD RTS Submission			KT
02	21/7/17	SSD Submission			AWY
REV	DATE	DESCRIPTION			BY CHK

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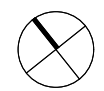


project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Envelopes
Site Plan - Proposed Envelopes Stage 2**

scale	Not to Scale	first issued	7/7/17
project code	sheet no.	revision	
LKIC	MP-1103		05

Masterplan Stage 3* - Southern Precinct (Concept Proposal)



GENERAL NOTES
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Legend

PROPOSED DEVELOPMENT ENVELOPE

SITE BOUNDARY

* SEQUENCE OF STAGE 2 AND
3 WORKS FOR FUTURE
DETERMINATION



**Planning,
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Sheet No: 5 of 28

A. Coonan

Western Precinct	Northern Precinct	Eastern Precinct	Southern Precinct
1 Proposed Development Envelope - New Learning Hub. Seven storey building (3 storeys above ground - Carabella Street) including external roof terrace. Includes a vertical connector providing accessible access to the Marian Centre, Junior School, Gymnasium and the Centenary Hall. 2 Proposed Development Envelope - Two level extension to the existing Gymnasium 3 Proposed Landscaped terrace 4 Proposed external landscaped walkways, providing an accessible path of travel to the New Learning Hub. Including an extension to the Junior School play terrace.	1 Proposed development envelope for a five storey vertical connector pod consisting of a lift, stairs and lockers. New external walkways, providing an accessible path of travel between the driveway, Science, Centenary Hall, the carpark and Elamang Avenue. Campus Core Minor interface works proposed in relation with adjacent precincts	1 Removal of interim ramp connector. 2 Proposed development envelope for a five story building including connector. (Height consistent with the height of the parapet of the existing Mary Ward building)	1 Refurbished landscape path 2 Internal refurbishment ground level of the chapel building. 3 Proposed development envelope for a 5 storey vertical connector pod involving the restoration of the east Chapel wing to its original profile on Carabella Street. The connector pod will consist of a lift, learning studios and an external learning terrace. Providing an accessible path of travel between the driveway, Chapel, St Joseph's Block and the courtyard. 4 Refurbished landscaped courtyard 5 Proposed development envelope for a six story building.

05	12/01/19	Modified SSD (04.55)	CH-01	Modified Western Precinct	AWY
04	15/01/19	Modified SSD (04.55)			CT
03	9/1/18	SSD RTS Submission			KT
02	21/7/17	SSD Submission			AWY
REV	DATE	DESCRIPTION			BY CHK

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Title
**Envelopes
Site Plan - Proposed Envelopes Stage 3**

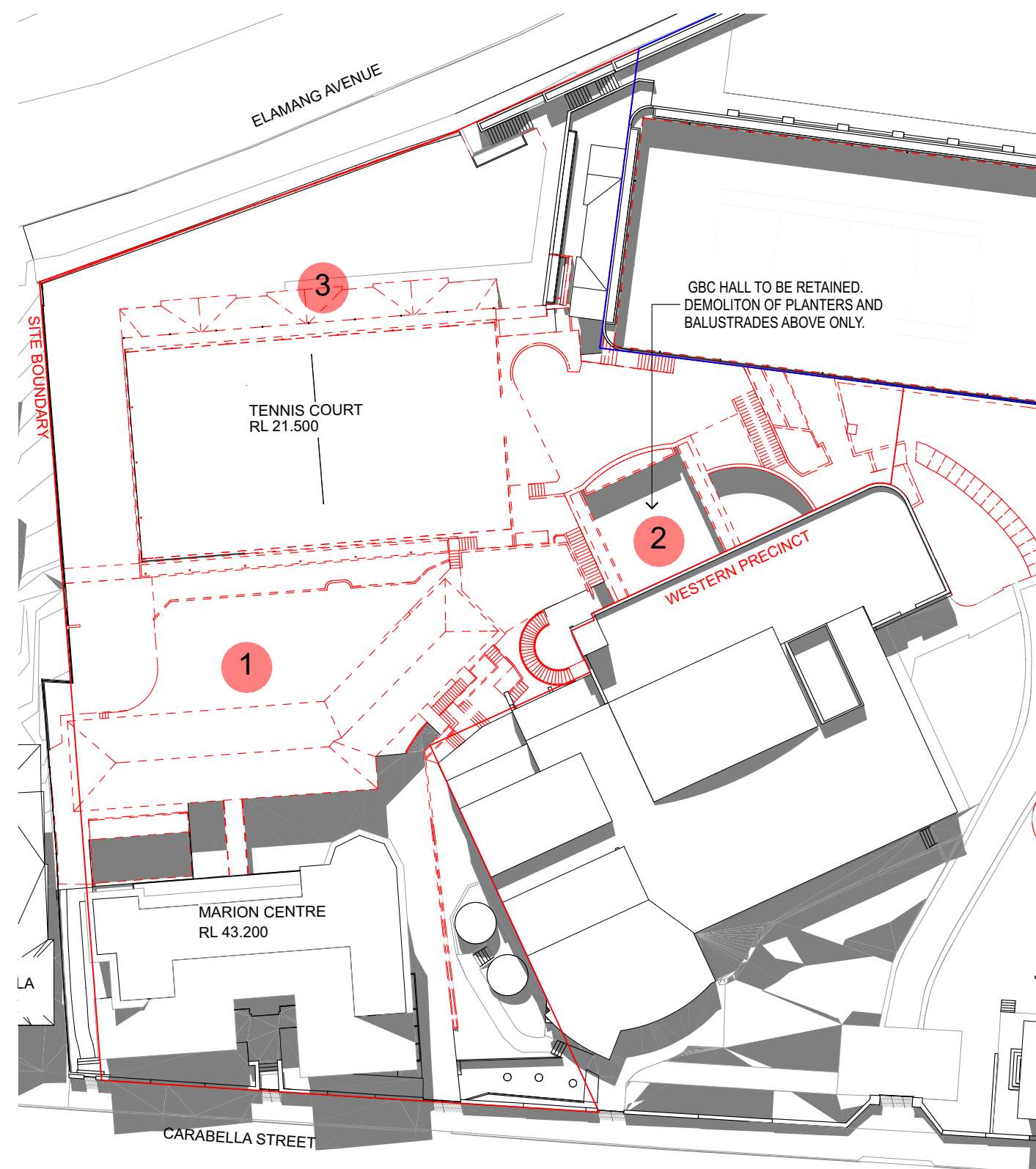
scale Not to Scale first issued 21/7/17

project code sheet no. revision

LKIC MP-1104 05

PROPOSED DEMOLITION

-  PROPOSED DEMOLITION



PROPOSED DEVELOPMENT

- 1 Proposed Development Envelope - New Learning Hub. Seven storey building (3 storeys above ground - Carabella Street) including external roof terrace. Includes a vertical connector providing accessible access to the Marian Centre, Junior School, Gymnasium and the Centenary Hall.
- 2 Proposed Development Envelope - Two level extension to the existing Gymnasium
- 3 Proposed Landscaped terrace
- 4 Proposed external landscaped walkways, providing an accessible path of travel to the New Learning Hub. Including an extension to the Junior School play terrace.



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A. Coomay



 DEVELOPMENT ENVELOPE

PORTION ABOVE LEP HEIGHT
PLANE AND DCP SIDE
BOUNDRY SETBACK

$\pm^{RL}$ EXISTING LEVELS (REFER SURVEY)

04	12/9/19	Modified SSD (\$4.55)	CH-01	Modified Western Precinct	AWY	
03	15/7/19	Modified SSD (\$4.55)			CT	
02	21/7/17	SSD Submission			AWY	
01	7/7/17	SSD Submission			KT	
REV	DATE	DESCRIPTION			BY	CHK

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Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title

Envelopes
Western Precinct Envelope

scale	1:200 @ A1	first issued	7/7/17
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project code	sheet no.	revision
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LKIC MP-1106 04

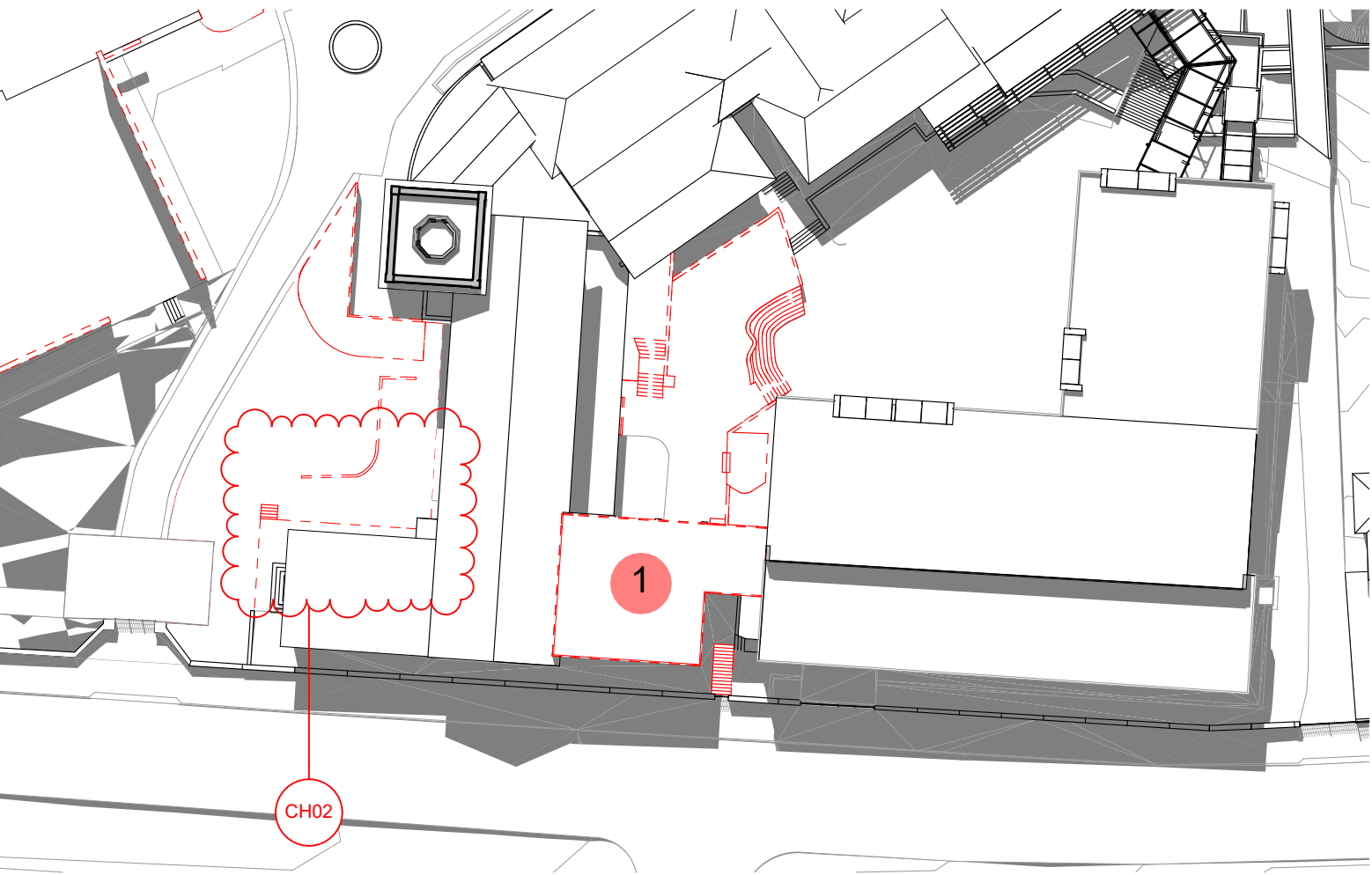
STAGE 2 PROPOSED DEVELOPMENT ENVELOPE

Southern Precinct Plan

Stage 1.2 (Stage 1 Works)

PROPOSED DEMOLITION

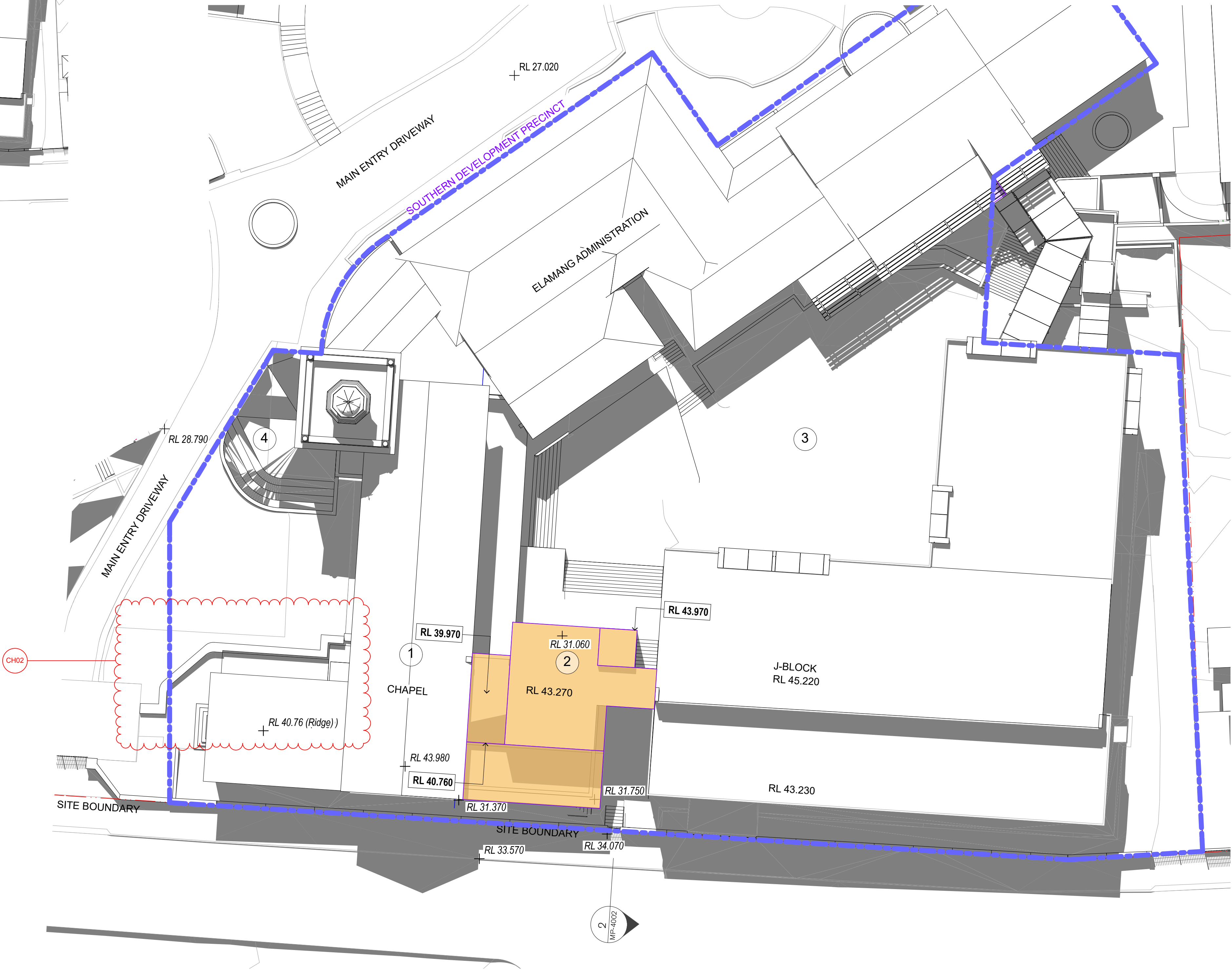
- 1
- Partial demolition of external stairs, landings, walkways and planters in between the Chapel and J-Block.
Demolition of top level of the eastern chapel wing extension.
Lower ground excavation to accomodate new vertical connector.

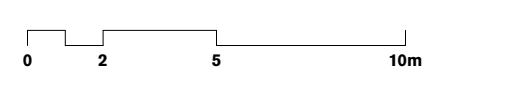
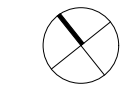


PROPOSED DEMOLITION

PROPOSED DEVELOPMENT

- 1
- Internal refurbishment ground level of the chapel building.
- 2
- Proposed development envelope for a 5 storey vertical connector pod involving the restoration of the east Chapel wing to its original profile on Carabella Street. The connector pod will consist of a lift, learning studios and an external learning terrace. Providing an accessible path of travel between the driveway, Chapel, St Jospeh's Block and the courtyard.
- 3
- Refurbished landscaped courtyard
- 4
- New accessible entry path to the chapel incorporating tiered seating for outdoor learning



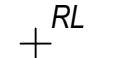


GENERAL NOTES

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legend

 DEVELOPMENT ENVELOPE

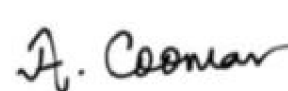
 EXISTING LEVELS (REFER SURVEY)



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03	15/7/19	Modified SSD (\$4.55)	CH02	Modified Southern Precinct	AWY
02	21/7/17	SSD Submission			AWY
01	7/7/17	SSD Submission			KT
REV	DATE	DESCRIPTION			BY CHK

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Envelopes
Southern Precinct Envelope 1**

scale	1:200 @ A1	first issued	7/7/17
project code	sheet no.	revision	
LKIC	MP-1112	03	

Concept Proposal



1 PLAN LOWER GROUND 4
1:500



2 PLAN LOWER GROUND 3
1:500

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DEVELOPMENT ENVELOPE

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Sheet No: 8 of 28

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01	17/07/17	SSD Submission			KT
REV	DATE	DESCRIPTION			BY

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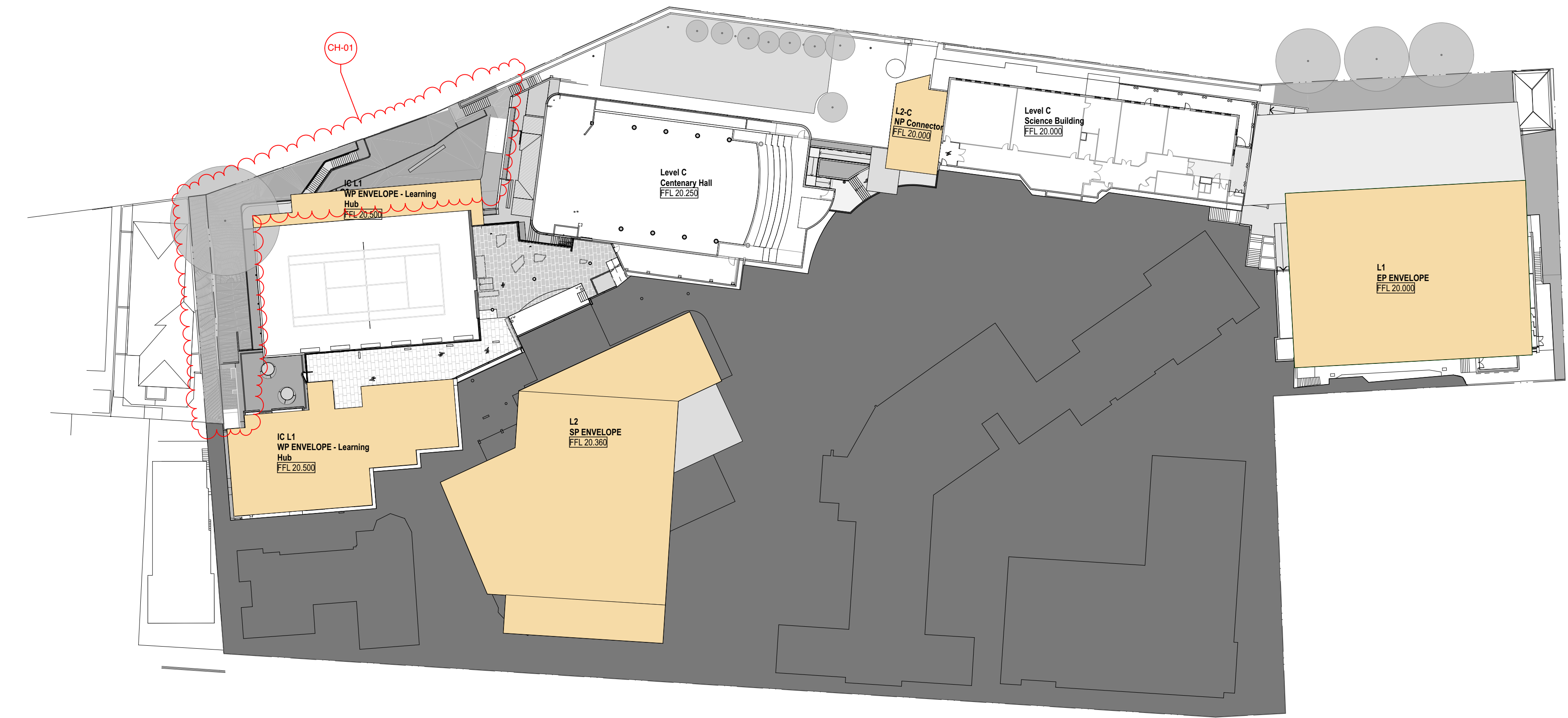
fjmt

project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

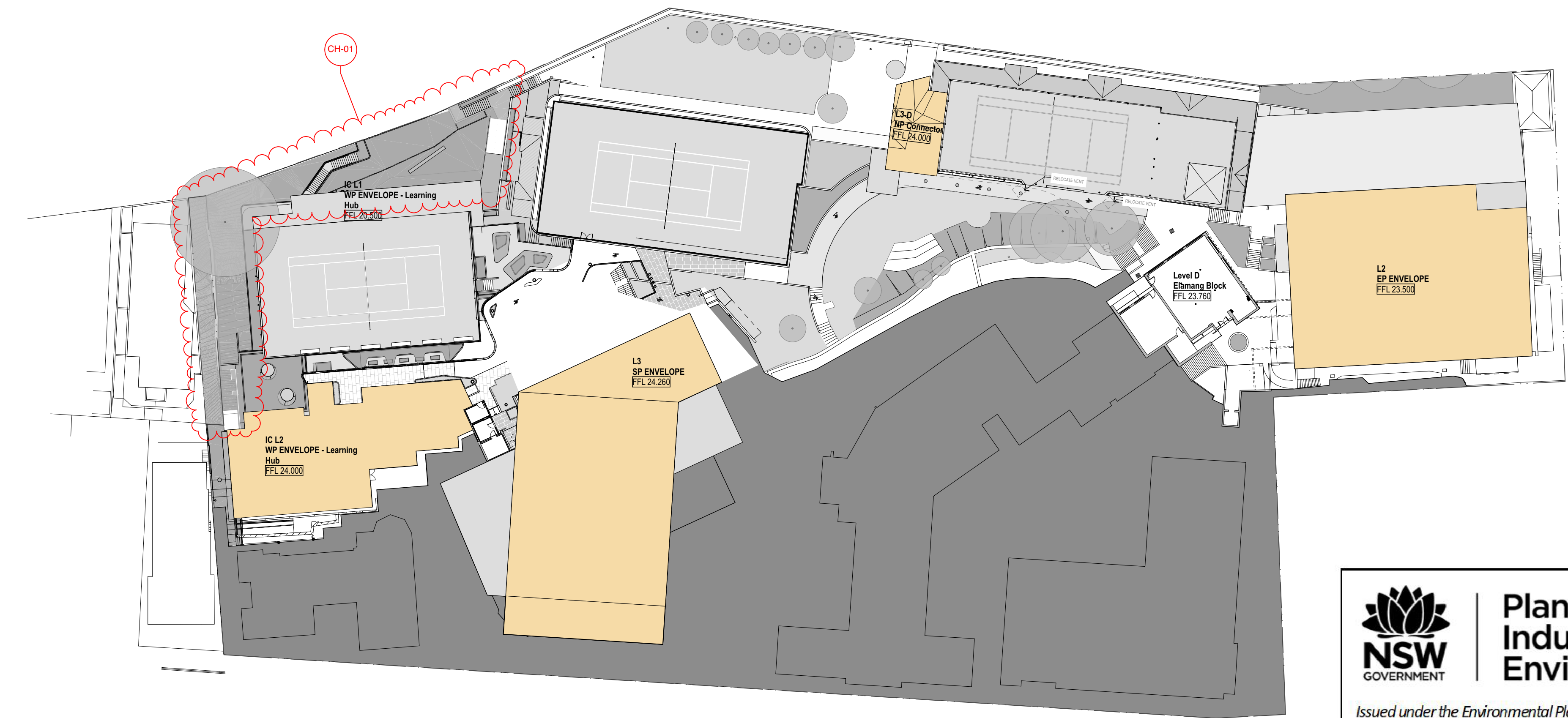
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**Proposed Plans
Masterplan Proposed Plan - LG4 LG3**

scale	1:500 @ A1	first issue	A	7/7/17
project code	sheet no.	revision		
LKIC	MP-2001			04

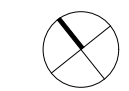
Concept Proposal



1 PLAN LOWER GROUND 2
1:500



2 PLAN LOWER GROUND 1
1:500



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legend

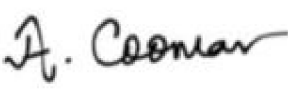
 PROPOSED DEVELOPMENT ENVELOPE



Planning,
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Sheet No: 9 of 28

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03	15/7/19	Modified SSD (04.55)			CT
REV	DATE	DESCRIPTION			BY CHK

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project

Loreto Kirribilli Innovation Centre

85 Carabella Street, Kirribilli

Sydney NSW 2061

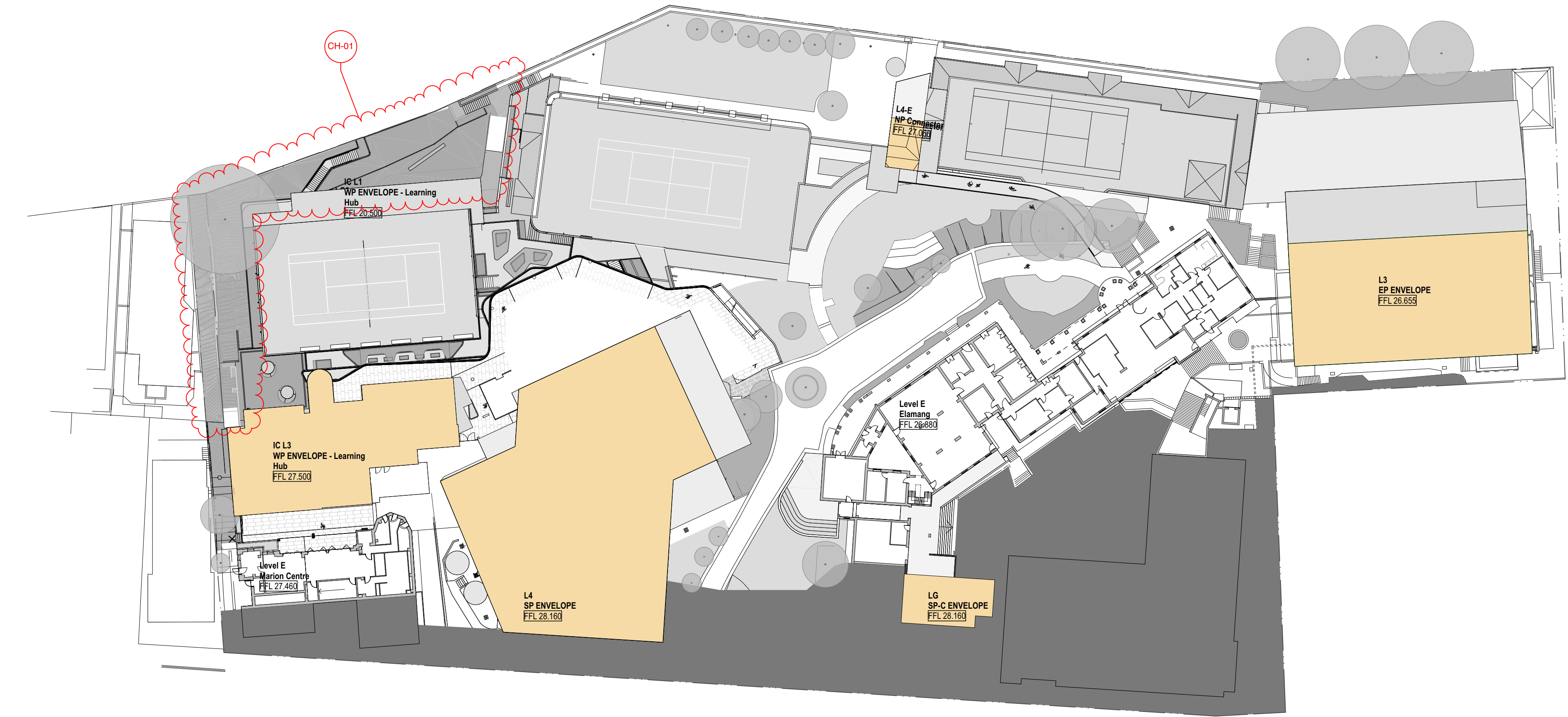
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Proposed Plans

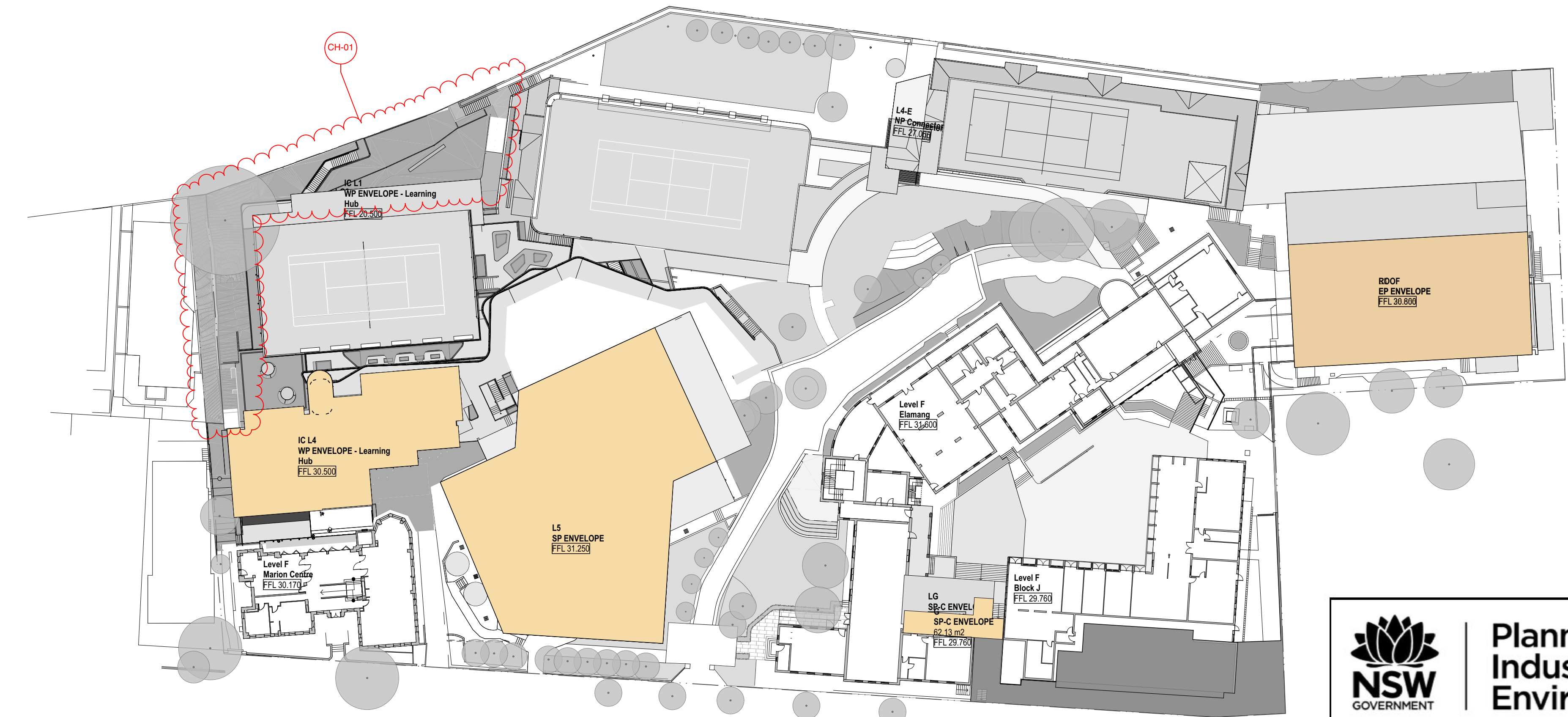
Masterplan Proposed Plan - LG2 LG1

scale	1:500 @ A1	first issue	A	7/7/17
project code		sheet no.		revision
LKIC		MP-2002		04

Concept Proposal



1 PLAN GROUND
1:500



2 PLAN LEVEL 1
1:500

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DEVELOPMENT ENVELOPE

Planning,
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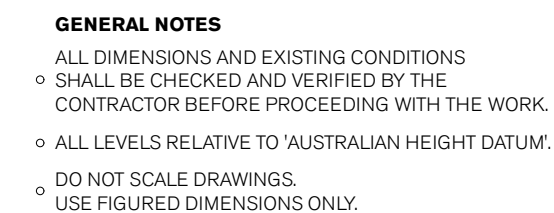
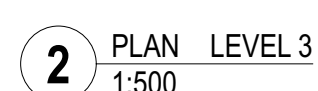
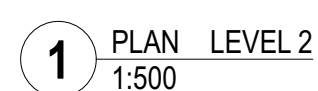
Issued under the Environmental Planning and Assessment Act 1979

Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed: *A. Coleman*

Sheet No: 10 of 28

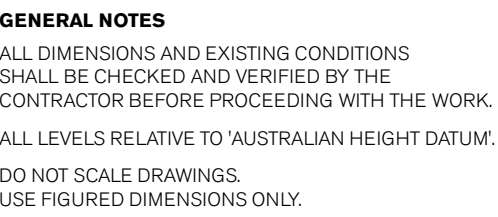
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04	15/7/19	Modified SSD (04.55)			CT
REV	DATE	DESCRIPTION			BY CHK
fjmt studio architecture interiors landscape urban community sdney melbourne uk Level 5, 70 King Street E +61 2 9251 7077 fjmtstudio.com fjmt					
project					
Loreto Kirribilli Innovation Centre 85 Carabella Street, Kirribilli Sydney NSW 2061					
title					
Proposed Plans Masterplan Proposed Plan - G L1					
scale 1:500 @ A1 first issue ^A 7/7/17					
project code sheet no. revision					
LKIC		MP-2003		05	

 DEVELOPMENT ENVELOPE

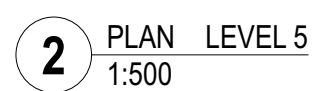
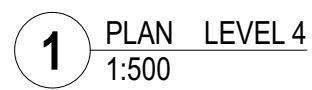
Sheet No: 11 of 28

A. Coomav

LKIC MP-2004 05



DEVELOPMENT ENVELOPE



A. Coomay

LKIC MP-2005 04

Comparative



— · — SITE BOUNDARY

 PROPOSED BUILDING ENVELOPES

Existing Elevation



Stage 1 Envelope Elevation

Western Precinct

- 1 Proposed Development Envelope - New Learning Hub.
- 2 Proposed Development Envelope - Existing Gymnasium Extension

Northern Precinct

- 3 Proposed Connector
- Eastern Precinct
- 4 Proposed Connector Ramp

Southern Precinct

- ## 5 Proposed Connector



Concept Proposal Envelope Elevation

Western Precinct

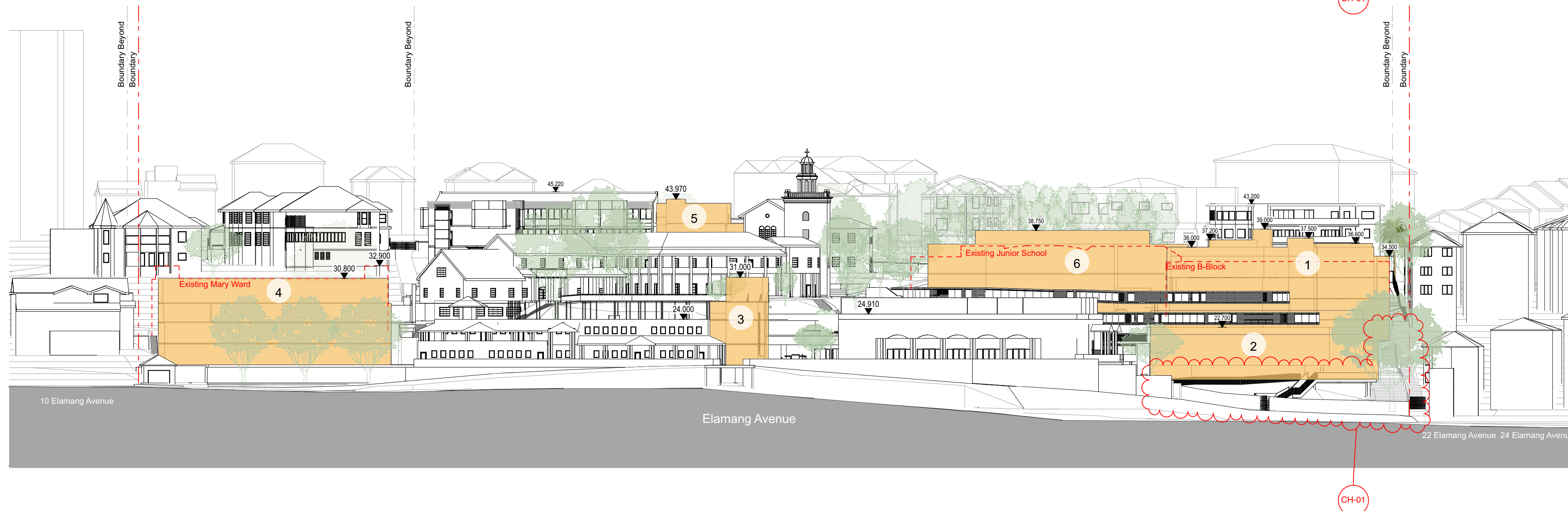
- 1 Proposed Development Envelope - New Learning Hub.
- 2 Proposed Development Envelope - Existing Gymnasium Extension

Northern Precinct

- 3 Proposed Connector
Eastern Precinct
4 Proposed Development Envelope

Southern Precinct

- 5 Proposed Connector
6 Proposed Development Envelope



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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed:

Sheet No: 13 of 28

05	12/9/19	Modified SSD (\$4.55)	CH-01	Modified Western Precinct	AWY
04	15/7/19	Modified SSD (\$4.55)			CT
03	9/1/18	SSD RTS Submission			KT
02	21/7/17	SSD Submission			AWY
01	7/7/17	SSD Submission			KT
REV	DATE	DESCRIPTION			BY CHK

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
Elevations
Elevation - Elamang Ave

scale	1:500 @ A1	first issued	7/7/17
project code	sheet no.	revision	
LKIC	MP-3001	05	

Elevation - Carabella Street

Comparative

051020

05

10

20m

GENERAL NOTES

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

ALL LEVELS RELATIVE TO AUSTRALIAN HEIGHT DATUM.

DO NOT SCALE DRAWINGS.

USE FIGURED DIMENSIONS ONLY.

legend

SITE BOUNDARY

PROPOSED BUILDING ENVELOPES

Existing Elevation



Stage 1 Envelope Elevation

- Western Precinct
- 1

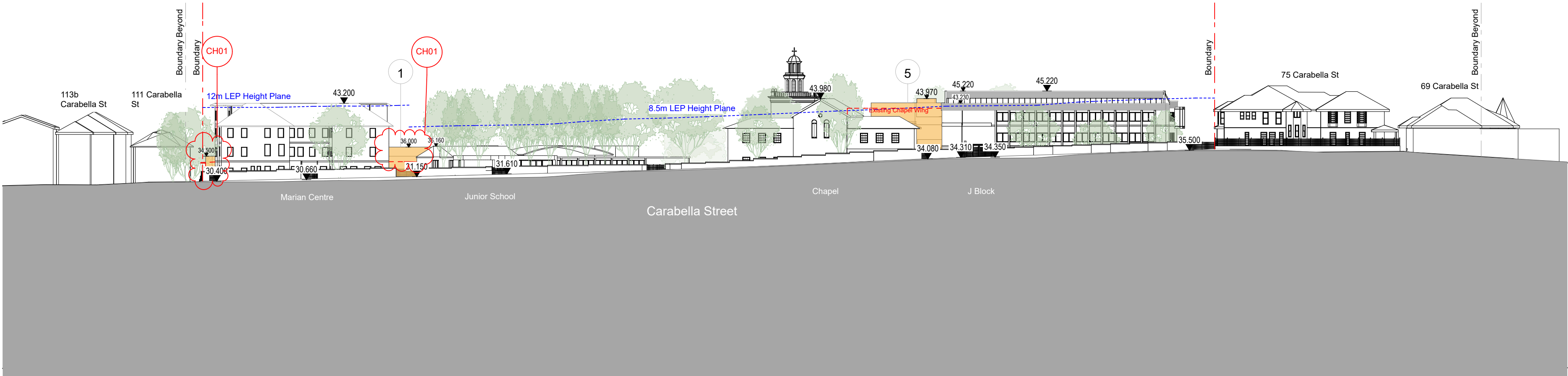
Proposed Development Envelope - New Learning Hub.
- 2

Proposed Development Envelope - Existing Gymnasium Extension
- Northern Precinct
- 3

Proposed Connector
- Eastern Precinct
- 4

Proposed Connector Ramp
- Southern Precinct
- 5

Proposed Connector



Masterplan Envelope Elevation

- Western Precinct
- 1

Proposed Development Envelope - New Learning Hub.
- 2

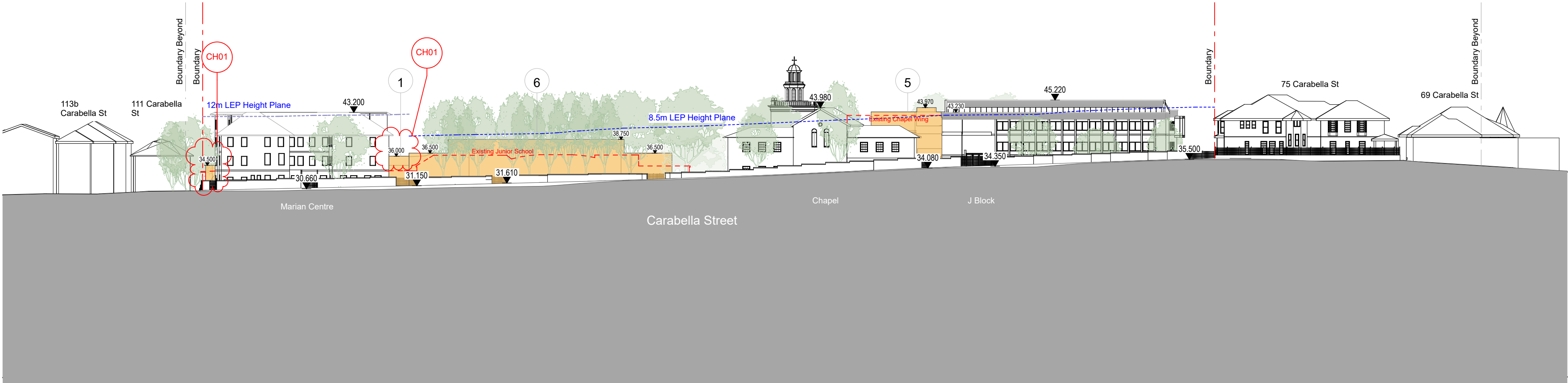
Proposed Development Envelope - Existing Gymnasium Extension
- Northern Precinct
- 3

Proposed Connector
- Eastern Precinct
- 4

Proposed Development Envelope
- Southern Precinct
- 5

Proposed Connector
- 6

Proposed Development Envelope



NSW GOVERNMENT

Planning, Industry & Environment

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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed: *A. Coonan*

Sheet No: 14 of 28

03	15/7/19	Modified SSD (S4.55)	CH01	Modified Western Precinct	CT
02	21/7/17	SSD Submission			AWY
REV	DATE	DESCRIPTION			BY CHK

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Loreto Kirribilli Innovation Centre

85 Carabella Street, Kirribilli

Sydney NSW 2061

title

Elevations

Elevation - Carabella St

scale

1:500 @ A1

first issued

7/7/17

project code

sheet no.

revision

LKIC

MP-3002

03

051020

05

10

20m

GENERAL NOTES

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

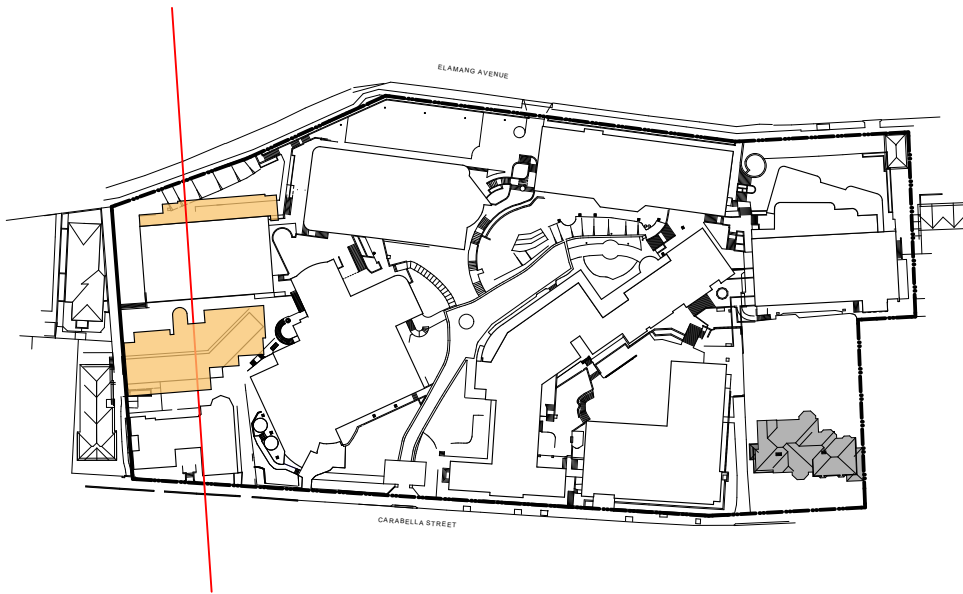
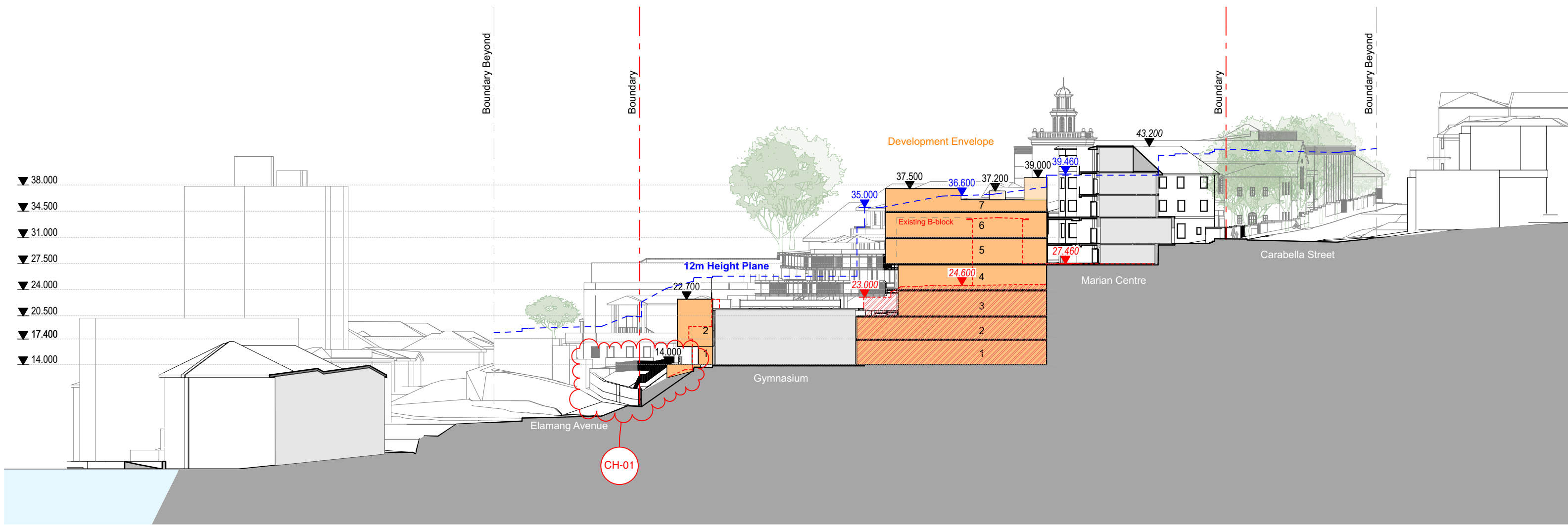
ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.

DO NOT SCALE DRAWINGS.

USE FIGURED DIMENSIONS ONLY.

legend

PROPOSED BUILDING ENVELOPES



1 Western Precinct Section

NSW

GOVERNMENT

Planning,
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Environment

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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed:

Sheet No: 15 of 28

04	12/9/19	Modified SSD (04.55)	CH-01	Modified Western Precinct	AWY
03	15/7/19	Modified SSD (04.55)			CT
02	21/7/17	SSD Submission			AWY
01	7/7/17	SSD Submission			KT
REV	DATE	DESCRIPTION			BY

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Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title

Sections
Section - Western Precinct

scale	1:500 @ A1	first issued	7/7/17
project code	sheet no.	revision	
LKIC	MP-4003	04	



9:00 AM



10:00 AM



11:00 AM



12:00 PM



GENERAL NOTES
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CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
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Legend

- SITE BOUNDARY
- EXISTING SHADOWS
- PROPOSED ENVELOPES
- SSD & S4.55 SHADOWS COMBINED
- S4.55 SHADOW REDUCTION
- S4.55 SHADOW ADDITION

Shadow Study

21st June
Winter Solstice

Concept Proposal Envelopes



Planning, Industry & Environment

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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed: *A. Coonan*

Sheet No: 16 of 28

04	15/7/19	Modified SSD (S455)	AWY	
03	25/7/17	SSD Submission	AWY	
02	21/7/17	SSD Submission	AWY	
01	7/7/17	SSD Submission	KT	
rev	date	name	by	chk

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Shadow Diagrams
Concept Proposal Envelopes Shadow
Diagrams 21 June 9am-12pm**

scale Not to Scale first issued 7/7/17

project code sheet no. revision

LKIC MP-5009 04



1:00 PM



2:00 PM



3:00 PM



GENERAL NOTES
ALL DIMENSIONS AND EXISTING CONDITIONS
◦ SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
◦ ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'.
◦ DO NOT SCALE DRAWINGS.
◦ USE FIGURED DIMENSIONS ONLY.

legend	
---	SITE BOUNDARY
	EXISTING SHADOWS
	PROPOSED ENVELOPES
	SSD & S4.55 SHADOWS COMBINED
	S4.55 SHADOW REDUCTION
	S4.55 SHADOW ADDITION

Shadow Study

21st June
Winter Solstice

Concept Proposal Envelopes



**Planning,
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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed:

A. Coonan

Sheet No: 17 of 28

04	15/7/19	Modified SSD (S4.55)			
03	25/7/17	SSD Submission			
rev	date	name		by	chk

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Shadow Diagrams
Concept Proposal Envelopes Shadow
Diagrams 21 June 1pm-3pm**

scale	Not to Scale	first issued	25/7/17
project code	sheet no.	revision	
LKIC	MP-5010	04	



9:00 AM



10:00 AM



11:00 AM



12:00 PM



GENERAL NOTES

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Legend

- SITE BOUNDARY
- EXISTING SHADOWS
- PROPOSED ENVELOPES
- SSD & S4.55 SHADOWS COMBINED
- S4.55 SHADOW REDUCTION
- S4.55 SHADOW ADDITION

Shadow Study

21st December
Summer Solstice

Concept Proposal
Envelopes



Planning,
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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed:

Sheet No: 18 of 28

A. Coonan

04	15/7/19	Modified SSD (S455)	AWY	
03	25/7/17	SSD Submission	AWY	
02	21/7/17	SSD Submission	AWY	
01	7/7/17	SSD Submission	KT	
rev	date	name	by	chk

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project
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Shadow Diagrams
Concept Proposal Envelopes Shadow
Diagrams 21 Dec 9am-12pm

scale Not to Scale first issued 7/7/17

project code sheet no. revision

LKIC MP-5011 04



1:00 PM



2:00 PM



3:00 PM



- GENERAL NOTES**
- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
 - ALL LEVELS RELATIVE TO AUSTRALIAN HEIGHT DATUM.
 - DO NOT SCALE DRAWINGS.
 - USE FIGURED DIMENSIONS ONLY.

legend	
---	SITE BOUNDARY
	EXISTING SHADOWS
	PROPOSED ENVELOPES
	SSD & S4.55 SHADOWS COMBINED
	S4.55 SHADOW REDUCTION
	S4.55 SHADOW ADDITION

Shadow Study

21st December
Summer Solstice

Concept Proposal Envelopes



**Planning,
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Environment**

Issued under the Environmental Planning and Assessment Act 1979

Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed:

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Sheet No: 19 of 28

04	15/7/19	Modified SSD (S4.55)	AWY
03	25/7/17	SSD Submission	AWY
rev	date	name	by chk

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Shadow Diagrams
Concept Proposal Envelopes Shadow
Diagrams 21 Dec 1pm-3pm**

scale	Not to Scale	first issued	25/7/17
project code	sheet no.	revision	
LKIC	MP-5012		04



9:00 AM



10:00 AM



11:00 AM



12:00 PM



GENERAL NOTES

- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
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legend

- SITE BOUNDARY
- EXISTING SHADOWS
- PROPOSED ENVELOPES
- SSD & S4.55 SHADOWS COMBINED
- S4.55 SHADOW REDUCTION
- S4.55 SHADOW ADDITION

Shadow Study

21st March
Autumn Equinox

Concept Proposal
Envelopes



Planning,
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Environment

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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

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Sheet No: 20 of 28

A. Coonan

04	15/7/19	Modified SSD (S455)	AWY	
03	25/7/17	SSD Submission	AWY	
02	21/7/17	SSD Submission	AWY	
01	17/7/17	SSD Submission	KT	
rev	date	name	by	chk

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
Shadow Diagrams
Concept Proposal Shadow Diagrams 21
March 9am-12pm

scale Not to Scale first issued 7/7/17

project code sheet no. revision
LKIC MP-5013 04



1:00 PM



2:00 PM



3:00 PM



GENERAL NOTES

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Legend

- SITE BOUNDARY
- EXISTING SHADOWS
- PROPOSED ENVELOPES
- SSD & S4.55 SHADOWS COMBINED
- S4.55 SHADOW REDUCTION
- S4.55 SHADOW ADDITION

Shadow Study

21st March
Autumn Equinox

Concept Proposal
Envelopes



Planning,
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Environment

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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed:

A. Coonan

Sheet No: 21 of 28

04	15/7/19	Modified SSD (S4.55)	HWY
03	28/7/17	SSD Submission	HWY
rev	date	name	by chk

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Shadow Diagrams
Concept Proposal Shadow Diagrams 21
March 1pm-3pm**

scale Not to Scale first issued 25/7/17

project code sheet no. revision

LKIC MP-5014 04



9:00 AM



10:00 AM



11:00 AM



12:00 PM



GENERAL NOTES

- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
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legend

- SITE BOUNDARY
- EXISTING SHADOWS
- PROPOSED ENVELOPES
- SSD & S4.55 SHADOWS COMBINED
- S4.55 SHADOW REDUCTION
- S4.55 SHADOW ADDITION

Shadow Study

23rd September
Spring Equinox

Concept Proposal
Envelopes



Planning,
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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed:

Sheet No: 22 of 28

A. Coonan

04	15/7/19	Modified SSD (S455)	AWY	
03	25/7/17	SSD Submission	AWY	
02	21/7/17	SSD Submission	AWY	
01	7/7/17	SSD Submission	KT	
rev	date	name	by	chk

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Shadow Diagrams
Concept Proposal Shadow Diagrams 23
Sept 9am-12pm**

scale Not to Scale first issued 7/7/17

project code sheet no. revision

LKIC MP-5015 04



1:00 PM



2:00 PM



3:00 PM



GENERAL NOTES
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◦ DO NOT SCALE DRAWINGS.
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- Legend
- SITE BOUNDARY
 - EXISTING SHADOWS
 - PROPOSED ENVELOPES
 - SSD & S4.55 SHADOWS COMBINED
 - S4.55 SHADOW REDUCTION
 - S4.55 SHADOW ADDITION

Shadow Study

23rd September
Spring Equinox

Concept Proposal Envelopes



**Planning,
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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed: *A. Coonan*

Sheet No: 23 of 28

04	15/7/19	Modified SSD (S4.55)	HWY
03	25/7/17	SSD Submission	HWY
rev	date	name	by chk

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project
Loreto Kirribilli Innovation Centre
85 Carabella Street, Kirribilli
Sydney NSW 2061

title
**Shadow Diagrams
Concept Proposal Shadow Diagrams 23
Sept 1pm-3pm**

scale	Not to Scale	first issued	25/7/17
project code	sheet no.	revision	
LKIC	MP-5016	04	

Tree Masterplan

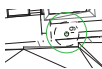
Trees are an important asset to this area and site. The canopy within and surrounding the campus is significant, and the proposal aims to complement and enhance this aesthetic.

Existing Trees

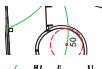
Information on this plan is based on Arboricultural Impact Appraisal and Method Statement completed by Naturally Trees.
Trees have been assessed for their health significance and impact proposed works are likely to have on their health.

Proposed Trees

Trees are proposed are to be a mixture of native and exotic species selected for their suitability for growing on the site, visual amenity and functional considerations.



Existing tree to be retained



Existing tree to be removed



Tree Reference Number
Refer Naturally Trees Report

Native Planting

Waterhousia floribunda
Elaeocarpus reticulatus
Tristaniaopsis laurina



Feature Planting

Lagerstroemia indica
Magnolia 'Little Gem'
Frangipani





**Planning,
Industry &
Environment**

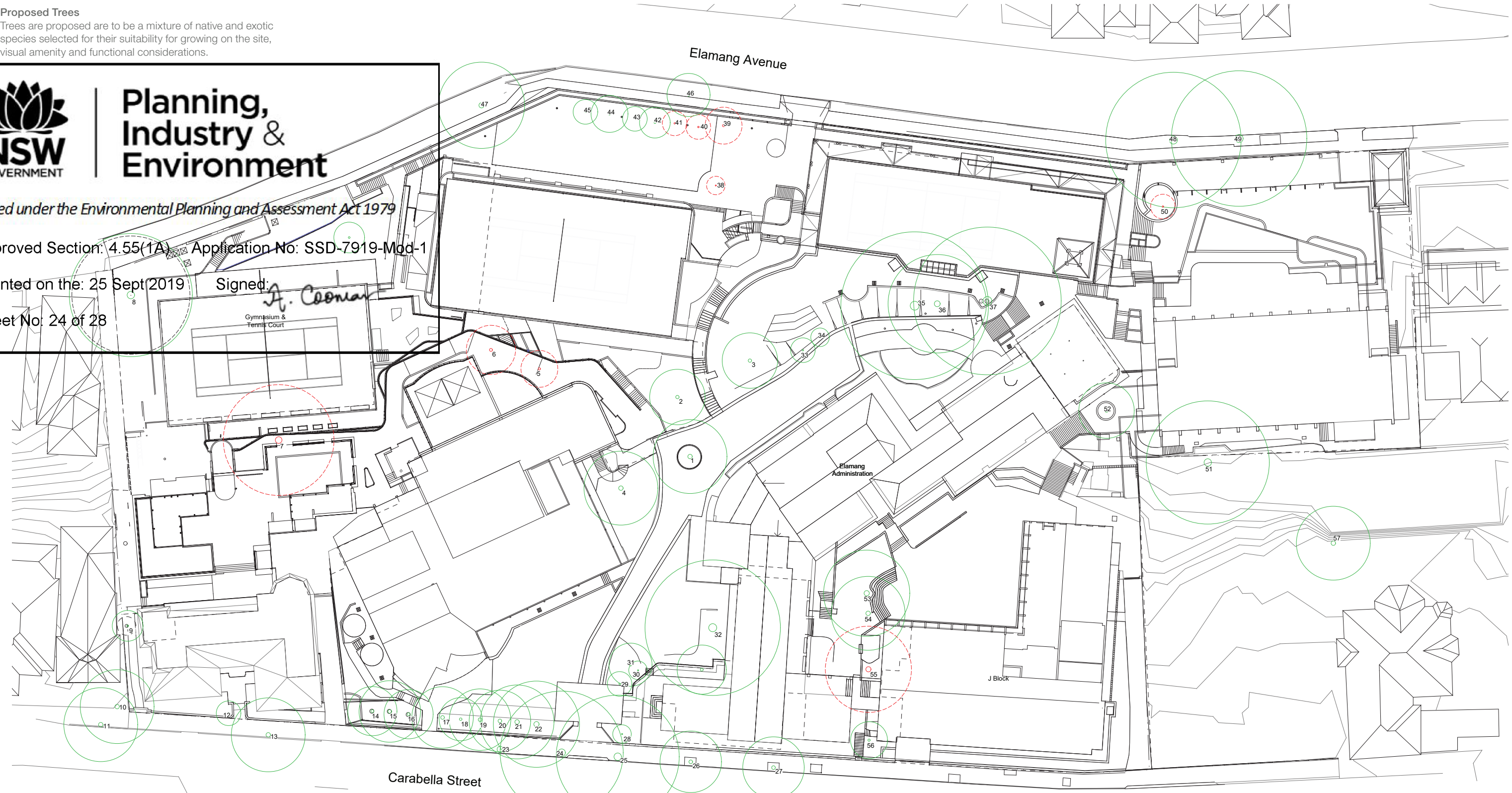
Issued under the Environmental Planning and Assessment Act 1979

Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed: *A. Coonan*

Sheet No: 24 of 28

Gymnasium & Tennis Court



Landscape Masterplan



Planning,
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Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

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Sheet No: 25 of 28

Eastern Development Precinct
Complimentary landscaping to proposed building may include- boundary planting, breakout spaces, feature planting to circulation and peripheral areas. Planting concepts and materiality to be consistent with stage 1.



Southern Precinct Envelope
Maintain existing trees and provide peripheral landscaping to outdoor learning spaces, circulation and presentational areas. Planting concepts and materiality to be consistent with stage 1.



SITE IMAGE
Landscape Architects

Loreto Kirribilli | Landscape Masterplan

Drawing Number 005
Issue F
Date 10.09.2019

LORETO KIRRIBILLI

85 CARABELLA STREET CIVIL ENGINEERING WORKS PACKAGE - MASTERPLAN



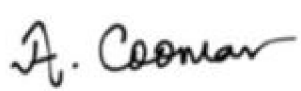
DRAWING SCHEDULE	
DRG No.	DRAWING TITLE
C01.01	COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN
C01.11	SITE IMPERVIOUSNESS - EXSITING
C02.01	SITE IMPERVIOUSNESS - PROPOSED



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Sheet No: 26 of 28

NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT	PROJECT	DRAWING TITLE	JOB NUMBER	DRAWING NUMBER	REVISION
1	ISSUED FOR SECTION 4.55	AM		BL	19.07.19			 Sydney Level 11 345 George Street, Sydney NSW 2000 Ph (02) 9241 4188 Fax (02) 9241 4324 Email sydney@northrop.com.au ABN 81 094 433 100	LORETO KIRRIBILLI CIVIL ENGINEERING PACKAGE MASTERPLAN COVER SHEET, DRAWING SCHEDULE AND LOCALITY PLAN	182476	C10.01	01
						DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED	THE COPYRIGHT OF THIS DRAWING REMAINS WITH NORTHROP CONSULTING ENGINEERS PTY LTD			DRAWING SHEET SIZE = A1		

DRAWN: A.MARGARIS DESIGNED: B.LAWRENCE JOB MANAGER: B.LAWRENCE VERIFIER:

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EASTERN CATCHMENT AREA
11,900 sq.m.

	ROOF AREA - IMPERVIOUS (5,150 sq.m. - 44%)
	PAVEMENT AREA - IMPERVIOUS (4,670 sq.m. - 39%)
	LANDSCAPED AREA - PERVIOUS (2,080 sq.m. - 17%)

WESTERN CATCHMENT AREA
6,270 sq.m.

	ROOF AREA - IMPERVIOUS (3,320 sq.m. - 53%)
	PAVEMENT AREA - IMPERVIOUS (1,720 sq.m. - 27%)
	LANDSCAPED AREA - PERVIOUS (1,230 sq.m. - 20%)

**Planning,
Industry &
Environment**

Issued under the Environmental Planning and Assessment Act 1979

Approved Section: 4.55(1A) Application No: SSD-7919-Mod-1

Granted on the: 25 Sept 2019 Signed: *A. Coonan*

Sheet No: 27 of 28

TOTAL CATCHMENT AREA
18,170 sq.m.

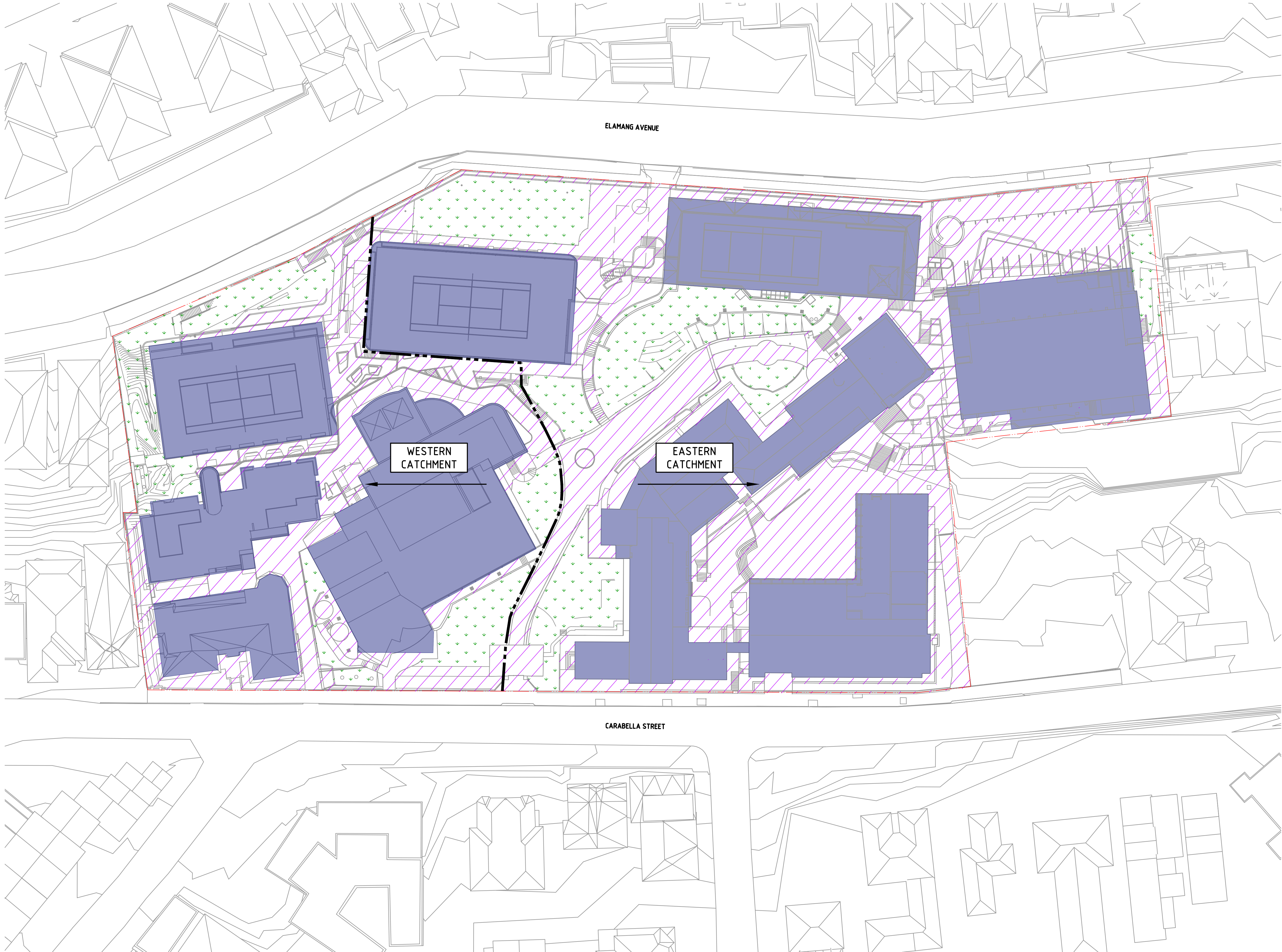
	ROOF AREA - IMPERVIOUS (8,470 sq.m. - 47%)
	PAVEMENT AREA - IMPERVIOUS (6,390 sq.m. - 35%)
	LANDSCAPED AREA - PERVIOUS (3,310 sq.m. - 18%)

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT		PROJECT	DRAWING TITLE	JOB NUMBER					
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EASTERN CATCHMENT AREA 11,900 sq.m.	
	ROOF AREA - IMPERVIOUS (5,400 sq.m. - 45%)
	PAVEMENT AREA - IMPERVIOUS (5,000 sq.m. - 42%)
	LANDSCAPED AREA - PERVIOUS (1,500 sq.m. - 13%)

WESTERN CATCHMENT AREA 6,270 sq.m.	
	ROOF AREA - IMPERVIOUS (3,320 sq.m. - 53%)
	PAVEMENT AREA - IMPERVIOUS (1,710 sq.m. - 27%)
	LANDSCAPED AREA - PERVIOUS (1,240 sq.m. - 20%)



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Environment

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Sheet No: 28 of 28

TOTAL CATCHMENT AREA 18,170 sq.m.	
	ROOF AREA - IMPERVIOUS (8,700 sq.m. - 48%)
	PAVEMENT AREA - IMPERVIOUS (6,970 sq.m. - 38%)
	LANDSCAPED AREA - PERVIOUS (2,500 sq.m. - 14%)

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	ISSUED FOR SECTION 4.55	AM		BL	19.07.19

CLIENT

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NORTHROP

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PROJECT

LORETO KIRRIBILLI

DRAWING TITLE

CIVIL ENGINEERING PACKAGE

**MASTERPLAN
SITE IMPERVIOUSNESS
PROPOSED**

JOB NUMBER

182476

DRAWING NUMBER

C12.01

REVISION

01

DRAWING SHEET SIZE = A1