

NOTE:

BOUNDARIES HAVE BEEN DETERMINED BY SURVEY ON 5/03/2018.

PRIOR TO ANY CONSTRUCTION WORK, SURVEY MARKS SHOULD BE PLACED TO DEFINE THE PROPERTY BOUNDARIES.

SERVICES SHOWN ARE INDICATIVE ONLY. POSITIONS ARE BASED ON SURFACE INDICATOR(S) LOCATED DURING FIELD SURVEY. CONFIRMATION OF THE EXACT POSITION SHOULD BE MADE PRIOR TO ANY EXCAVATION WORK. OTHER SERVICES MAY EXIST WHICH ARE NOT SHOWN.

LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD) USING PM 44296 WITH RL 94.432 (AHD).

RIDGE & GUTTER HEIGHTS HAVE BEEN OBTAINED BY INDIRECT METHOD AND ARE ACCURATE TO $\pm 0.05m$.

CONTOURS SHOWN DEPICT THE TOPOGRAPHY. EXCEPT AT SPOT LEVELS SHOWN THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. THE SPOT LEVELS ARE TRUE FOR THEIR POSITION, AND ARE INTENDED TO BE USEFUL TO REPRESENT THE GENERAL TERRAIN. CARE SHOULD BE TAKEN IF EXTRAPOLATING.

A782698 COVENANT (LOTS 1 & 2)

LEGEND

BENCH MARK	▲
TELSTRA PIT	TEL
ELECTRIC LIGHT POLE	LP
POWER POLE	PP
SIGN POST	SP
SEWER INSPECTION PIT	SIP
SEWER VENT	SEWER
MANHOLE	MH
SEWER MANHOLE	SMH
STOP VALVE	SV
WATER HYDRANT	HYD
WATER METER	WM
GAS METER	GM
STATE SURVEY MARK	SSM



Planning,
Industry &
Environment

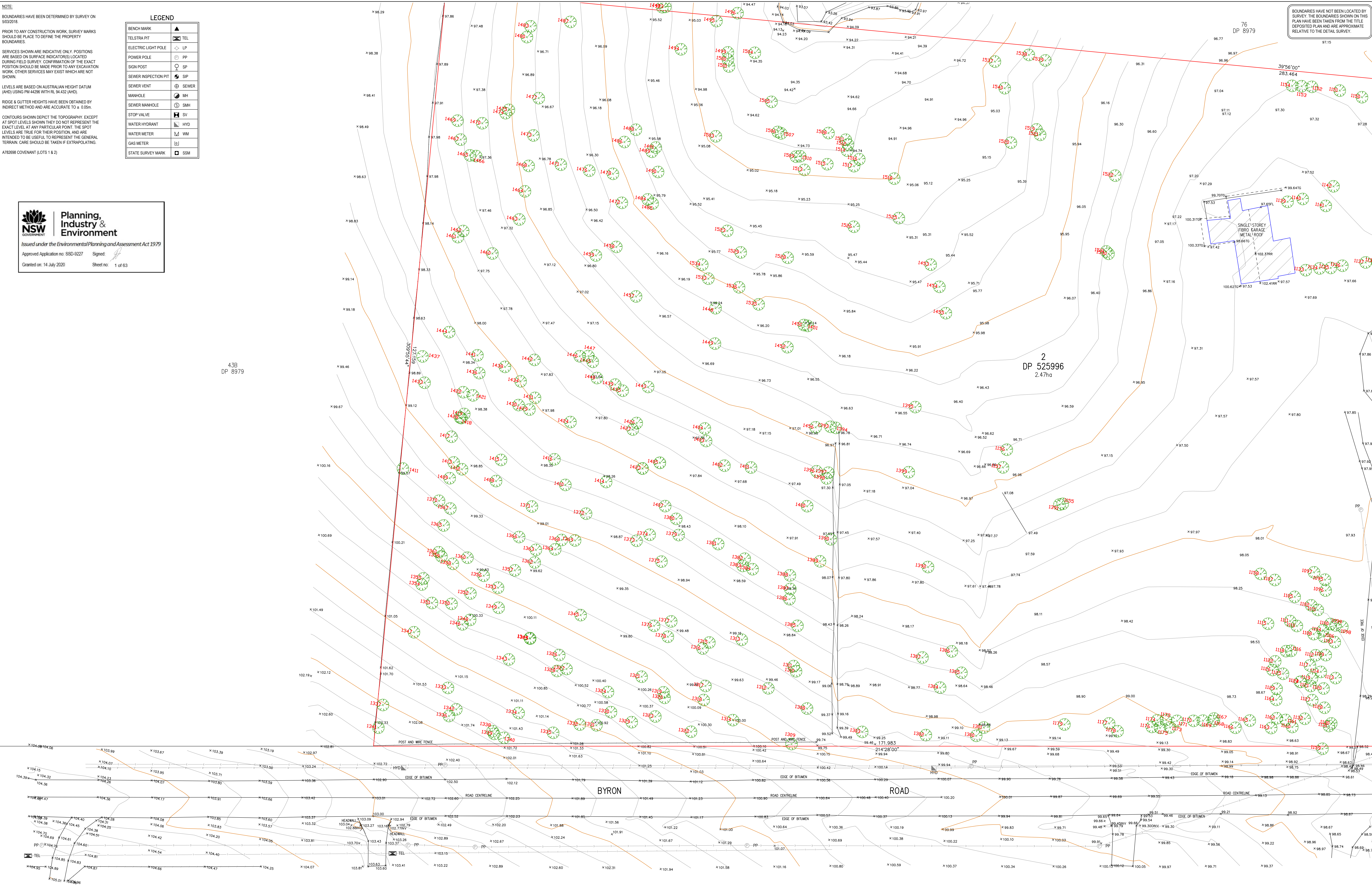
Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227

Signed:

Granted on: 14 July 2020

Sheet no: 1 of 63



TSS TOTAL SURVEYING
SOLUTIONS
ARTARMON | CAMDEN | MANLY VALE

NOTE:

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REVISION No.

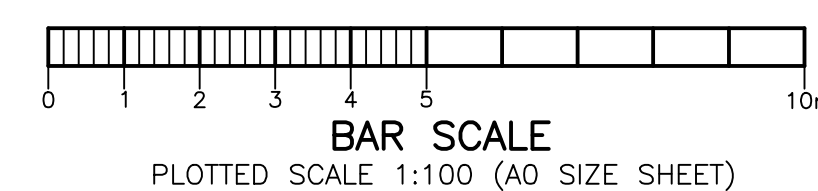
REVISION DATE:

COMMENT:

LEGEND:

EB - EDGE OF BITUMEN
TB - TOP OF BANK
BB - BOTTOM OF BANK
WT - TOP OF WINDOW
WB - BOTTOM OF WINDOW

TG - TOP OF GUTTER
RR - ROOF RIDGE
FL - FLOOR LEVEL
INV - INVERT LEVEL
ELEC - ELECTRICAL PIT
Ø.4/S10/H16 - DIAMETER/SPREAD/HEIGHT



PLAN SHOWING DETAIL & LEVELS
OVER LOTS 1&2 IN DP525996

CLIENT: GRAN ASSOCIATES AUSTRALIA

PROJECT: AMITY COLLEGE LEPPINGTON CAMPUS

ADDRESS: CORNER INGLEBURN ROAD AND BYRON ROAD, LEPPINGTON

JOB No.: 180370

PLAN No.: 180370_C

DATE: 13/04/2018

DRAWN: MR

CHK: GS

LGA: CAMDEN

DATUM: AHD

SCALE: 1:200@A0

CONT. INTERVAL: 0.25m

SHEET 1 OF 3

NOTE:

THIS DETAIL SURVEY IS NOT A "LAND SURVEY" AS DEFINED BY THE SURVEYING AND SPATIAL INFORMATION ACT, 2002. IF ANY CONSTRUCTION OR DESIGN WORK, WHICH RELIES ON CRITICAL SETBACKS FROM THE STREET OR BOUNDARIES IS PLANNED, IT WOULD BE IMPERATIVE TO CARRY OUT FURTHER SURVEY WORK TO DETERMINE THE BOUNDARY DIMENSIONS.

BOUNDARIES HAVE BEEN DETERMINED BY SURVEY ON 17/11/2016.

PRIOR TO ANY CONSTRUCTION WORK, SURVEY MARKS SHOULD BE PLACED TO DEFINE THE PROPERTY BOUNDARIES.

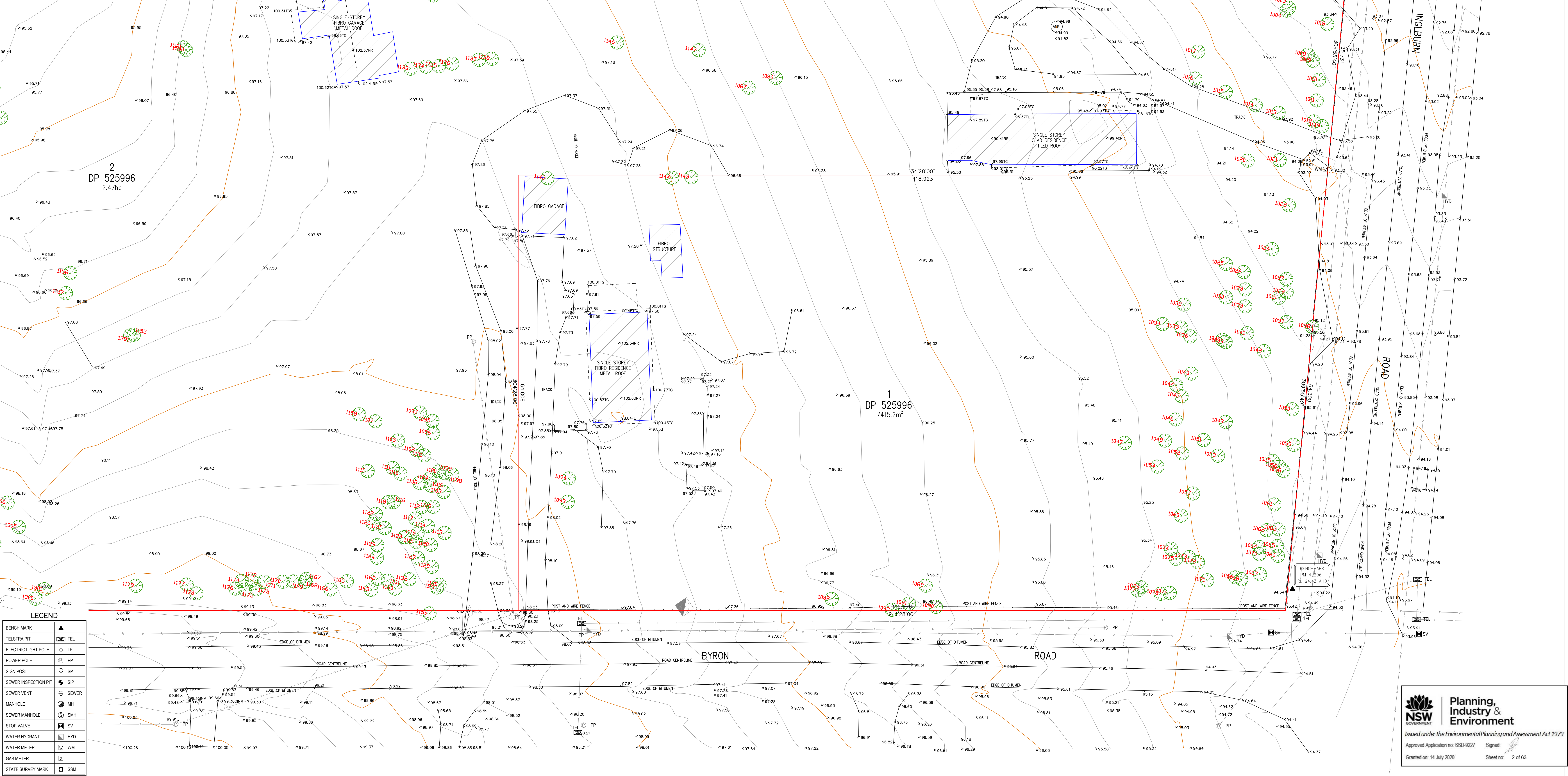
SERVICES SHOWN ARE INDICATIVE ONLY. POSITIONS ARE BASED ON SURFACE INDICATORS LOCATED DURING FIELD SURVEY. CONFIRMATION OF THE EXACT POSITION SHOULD BE MADE PRIOR TO ANY EXCAVATION WORK. OTHER SERVICES MAY EXIST WHICH ARE NOT SHOWN.

LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD) USING SSM XXXX WITH RL XXXX (AHD).

RIDGE & GUTTER HEIGHTS HAVE BEEN OBTAINED BY INDIRECT METHOD AND ARE ACCURATE TO ± 0.05m.

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(C) RIGHT OF CARRIAGEWAY 5 WIDE (DP 773104) EASEMENT FOR SERVICES 5 WIDE (DP 773104)
(D) RIGHT OF CARRIAGEWAY 5 WIDE, 8 WIDE & VAR EASEMENT FOR SERVICES 5 WIDE, 8 WIDE & VAR EASEMENT TO DRAIN WATER 5 WIDE, 8 WIDE & VAR (R) RESTRICTION ON USE OF LAND

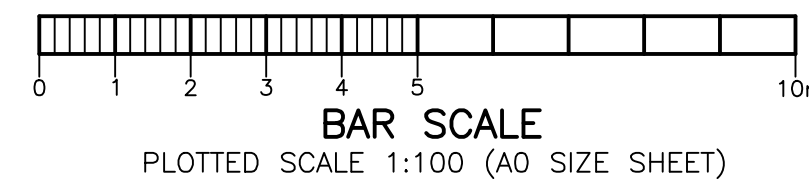


LEGEND	
BENCH MARK	▲
TELSTRA PIT	⊠ TEL
ELECTRIC LIGHT POLE	⊠ LP
POWER POLE	⊠ PP
SIGN POST	⊠ SP
SEWER INSPECTION PIT	⊠ SIP
SEWER VENT	⊠ SEWER
MANHOLE	⊠ MH
SEWER MANHOLE	⊠ SMH
STOP VALVE	⊠ SV
WATER HYDRANT	⊠ HYD
WATER METER	⊠ WM
GAS METER	⊠ G
STATE SURVEY MARK	⊠ SSM

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REVISION No.	REVISION DATE:	COMMENT:

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TB - TOP OF BANK
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WT - TOP OF WINDOW
WB - BOTTOM OF WINDOW
TG - TOP OF GUTTER
RR - ROOF RIDGE
FL - FLOOR LEVEL
INV - INVERT LEVEL
ELEC - ELECTRICAL PIT
Ø.4/S10/H16 - DIAMETER/SPREAD/HEIGHT



PLAN SHOWING DETAIL & LEVELS OVER LOTS 1&2 IN DP525996	
CLIENT: GRAN ASSOCIATES AUSTRALIA	JOB No.: 180370
PROJECT: AMITY COLLEGE LEPPINGTON CAMPUS	PLAN No.: 180370_C
ADDRESS: CORNER INGLEBURN ROAD AND BYRON ROAD, LEPPINGTON	DATE: 13/04/2018
CHK: GS	DRAWN: MR
	CONT. INTERVAL: 0.25m
	SHEET 2 OF 3

NOTE:

THIS DETAIL SURVEY IS NOT A "LAND SURVEY" AS DEFINED BY THE SURVEYING AND SPATIAL INFORMATION ACT, 2002. IF ANY CONSTRUCTION OR DESIGN WORK, WHICH RELIES ON CRITICAL SETBACKS FROM THE STREET OR BOUNDARIES IS PLANNED, IT WOULD BE IMPERATIVE TO CARRY OUT FURTHER SURVEY WORK TO DETERMINE THE BOUNDARY DIMENSIONS.

BOUNDARIES HAVE BEEN DETERMINED BY SURVEY ON 7/7/2016.

PRIOR TO ANY CONSTRUCTION WORK, SURVEY MARKS SHOULD BE PLACED TO DEFINE THE PROPERTY BOUNDARIES.

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(C) RIGHT OF CARRIAGEWAY 5 WIDE (DP 773104)
EASEMENT FOR SERVICES 5 WIDE (DP 773104)
(D) RIGHT OF CARRIAGEWAY 5 WIDE, 8 WIDE & VAR
EASEMENT FOR SERVICES 5 WIDE, 8 WIDE, & VAR
EASEMENT TO DRAIN WATER 5 WIDE, 8 WIDE & VAR
(R) RESTRICTION ON USE OF LAND



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Industry &
Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227 Signed: [Signature]

Granted on: 14 July 2020

Sheet no: 3 of 63



LEGEND	
BENCH MARK	▲
TELSTRA PIT	⬢ TEL
ELECTRIC LIGHT POLE	◇ LP
POWER POLE	⊕ PP
SIGN POST	⊙ SP
SEWER INSPECTION PIT	⊕ SP
SEWER VENT	⊕ SEWER
MANHOLE	⊕ MH
SEWER MANHOLE	⊕ SMH
STOP VALVE	⊕ SV
WATER HYDRANT	⊕ HYD
WATER METER	⊕ WM
GAS METER	⊕ G
STATE SURVEY MARK	⊕ SSM

NOTE:

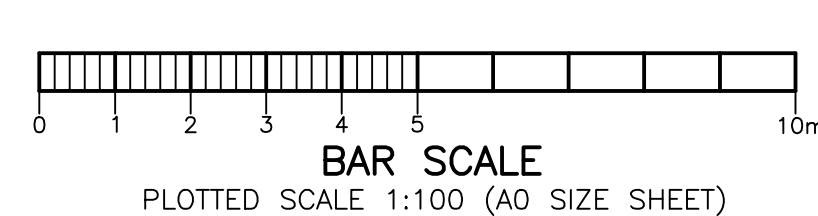
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REVISION No. REVISION DATE: COMMENT:

LEGEND:

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BB - BOTTOM OF BANK
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WB - BOTTOM OF WINDOW

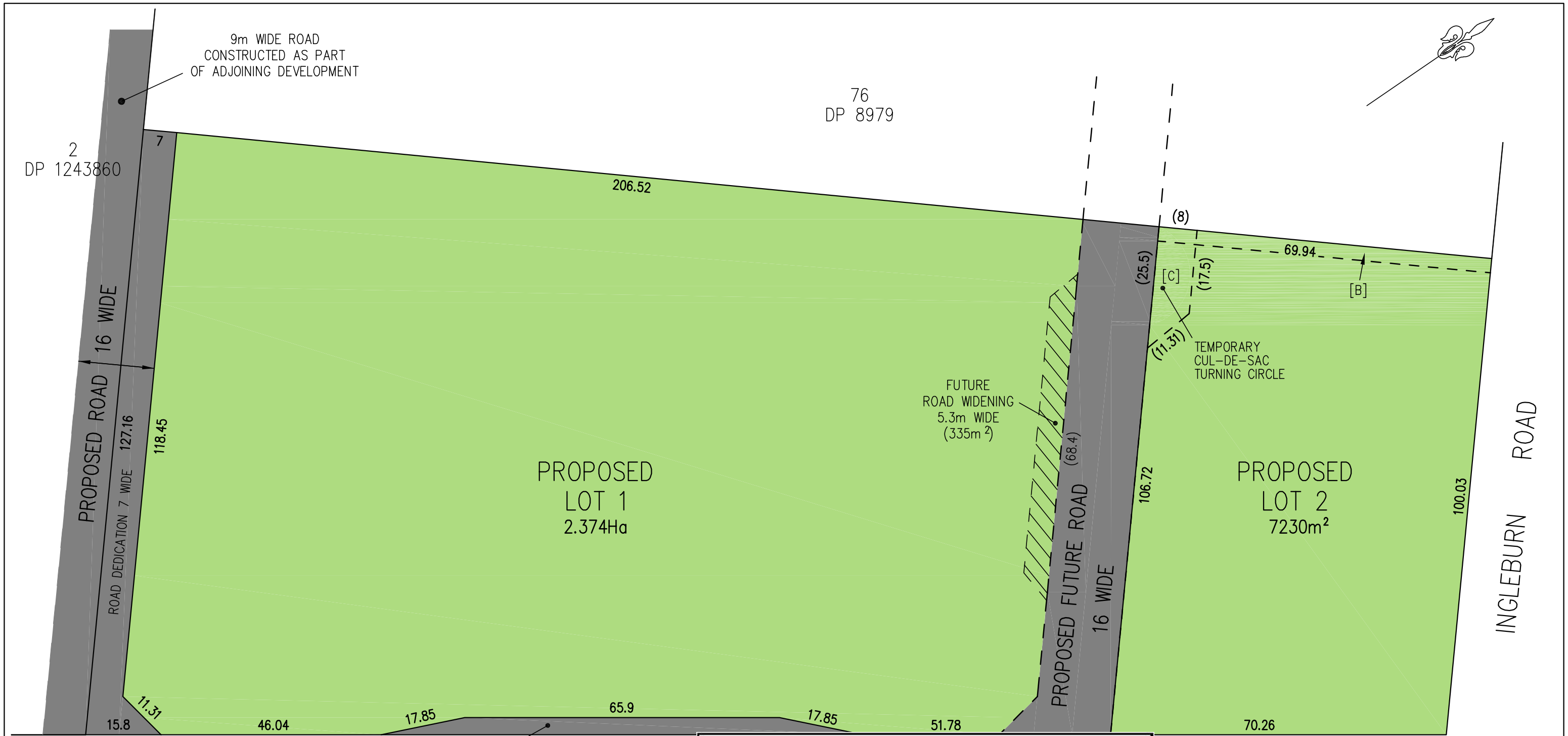
TG - TOP OF GUTTER
RR - ROOF RIDGE
FL - FLOOR LEVEL
INV - INVERT LEVEL
ELEC - ELECTRICAL PIT
Ø.4/S10/H16 - DIAMETER/SPREAD/HEIGHT



PLAN SHOWING DETAIL & LEVELS
OVER LOTS 1&2 IN DP525996

CLIENT: GRAN ASSOCIATES AUSTRALIA
PROJECT: AMITY COLLEGE LEPPINGTON CAMPUS
ADDRESS: CORNER INGLEBURN ROAD AND BYRON ROAD, LEPPINGTON

JOB No.: 180370
PLAN No.: 180370_C
DATE: 13/04/2018
DRAWN: MR
CHK: GS
LGA: CAMDEN
DATUM: AHD
SCALE: 1:200@A0
CONT. INTERVAL: 0.25m
SHEET 3 OF 3



NOTE:

AREAS & DIMENSIONS ARE SUBJECT TO SURVEY.
ADDITIONAL EASEMENTS, RESTRICTIONS AND
COVENANTS MAY BE REQUIRED SUBJECT TO FINAL
DESIGN AND COUNCIL DEVELOPMENT CONSENT.



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Signed:

Granted on: 14 July 2020

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PROPOSED EASEMENTS

[B] EASEMENT FOR DRAINAGE OF WATER 3 WIDE

[C] TEMPORARY RIGHT OF ACCESS VARIABLE WIDTH



TSS TOTAL SURVEYING
SOLUTIONS

LANE COVE | CAMDEN | MANLY VALE | CENTRAL COAST

NOTE:

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PLAN OF PROPOSED SUBDIVISION
OF LOTS 1 & 2 DP 525996

CLIENT: AMITY COLLEGE

PROJECT: AMITY COLLEGE - LEPPINGTON CAMPUS

ADDRESS: INGLEBURN ROAD AND BYRON ROAD, LEPPINGTON

JOB No.: 191149

LGA: CAMDEN

PLAN No.: 191149-1 Rev C

DATUM: N/A

DATE: 19/7/2019

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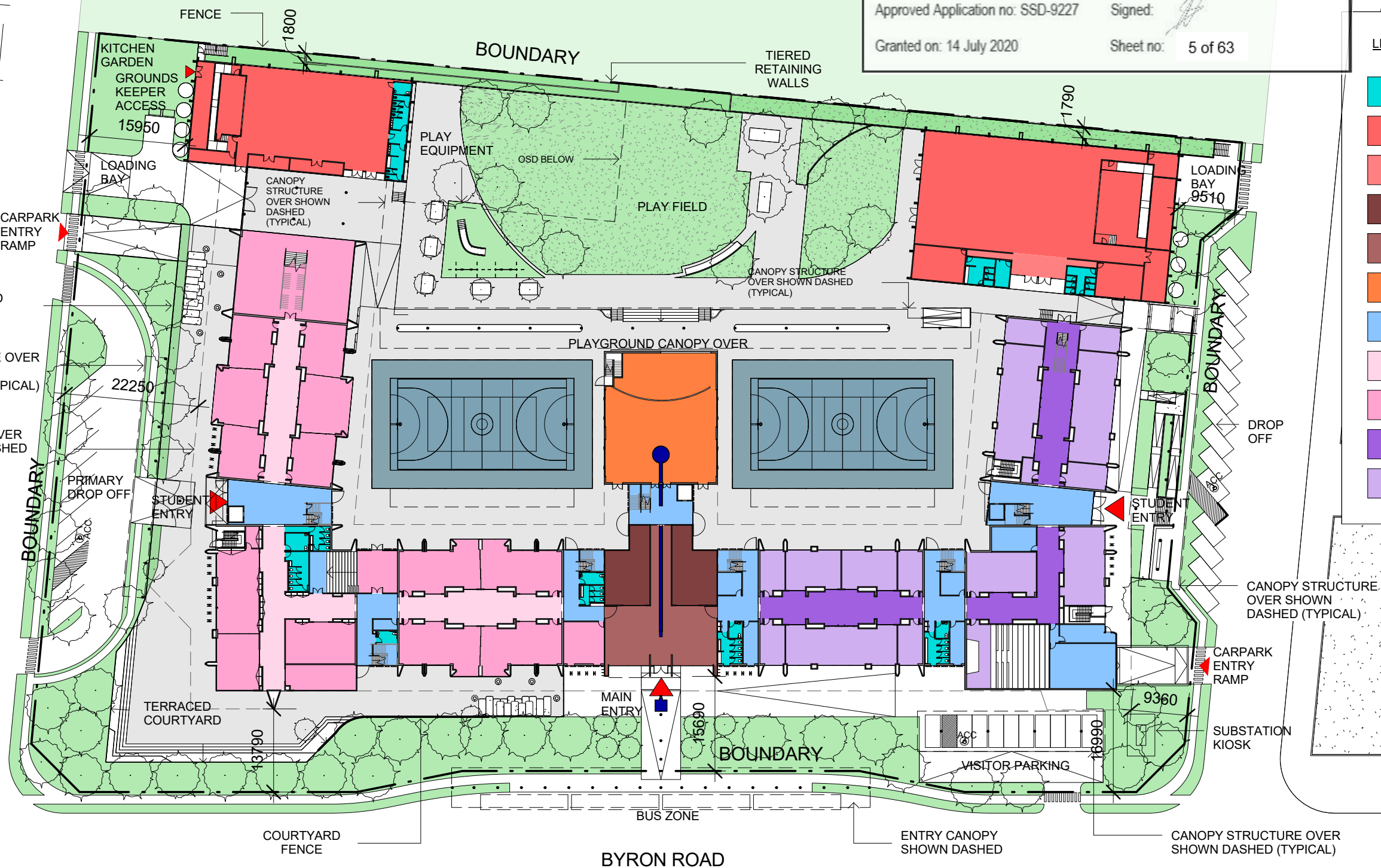
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SHEET 1 OF 1

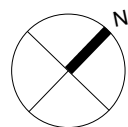
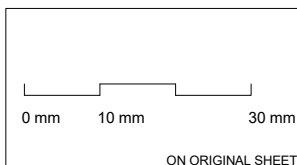


RECREATION RESERVE



LEGEND

- AMENITIES
- PRIMARY HALL / SECONDARY MULTI-PURPOSE HALL
- HALL FOYER
- ADMIN / STAFF
- ADMIN / STAFF ACCESS WAY
- CAFE
- STAIRWAY / LIFT / STORE
- PRIMARY SCHOOL INFORMAL LEARNING SPACE / CIRCULATION
- PRIMARY SCHOOL HOME BASE
- SECONDARY INFORMAL LEARNING SPACE / CIRCULATION
- SECONDARY GENERAL LEARNING AREA (GLA) & STEM / SPECIALIST SPACES



N°	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19
C	ISSUE FOR DEVELOPMENT APPLICATION	27.06.19
D	ISSUE FOR DEVELOPMENT APPLICATION	31.07.19

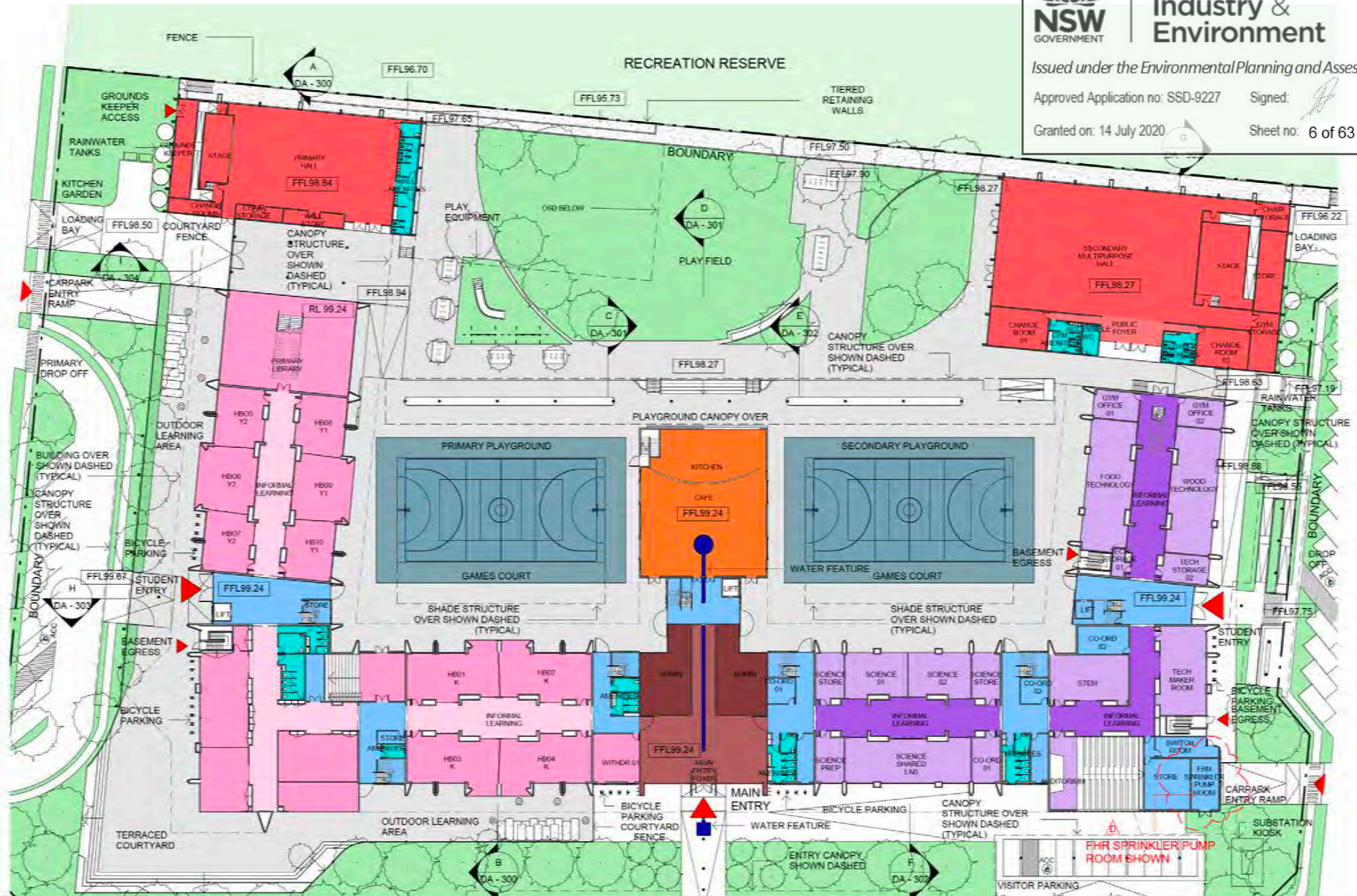


SCALE	DRAWN BY	CHECKED BY	DATE
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 010	D	



GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD
LEVEL 1, 597 DARLING STREET
ROZELLE NSW 2039
PH: +61 2 9818 8437
FAX: +61 2 9818 6288
PETER REED ARAIA, AIA NOM ARCH 5377
ANTHONY KEMENY FRAIA NSW REG No. 4599

PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
SITE PLAN



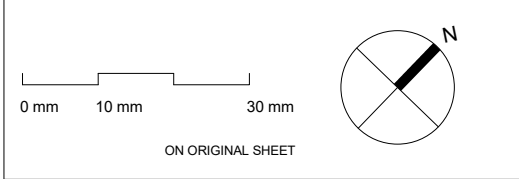
N°	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19
C	ISSUE FOR DEVELOPMENT APPLICATION	27.06.19
D	REVISED AS PER COUNCIL COMMENTS	19.11.19



SCALE	DRAWN BY	CHECKED BY	DATE
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 100	D	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
GROUND FLOOR PLAN



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19



SCALE	DRAWN BY	CHECKED BY	DATE
1: 500 @A3	BM/MC	PR	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 101	B	

PROJECT	AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
TITLE:	FIRST FLOOR PLAN

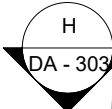
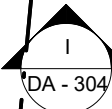
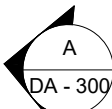
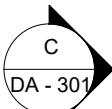
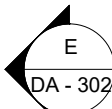
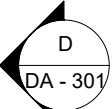
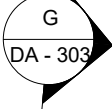


Planning,
Industry &
Environment

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Approved Application no: SSD-9227 - Signed: [Signature]

Granted on: 14 July 2020 Sheet no: 8 of 63



BOUNDARY

BOUNDARY

BOUNDARY

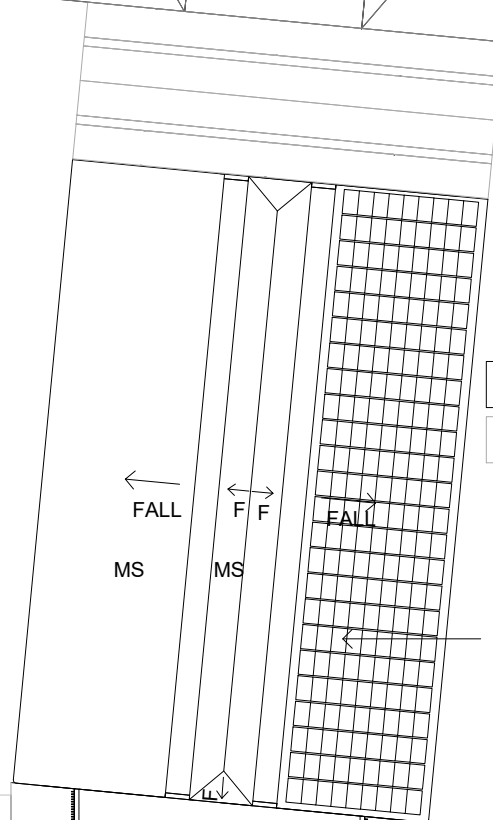
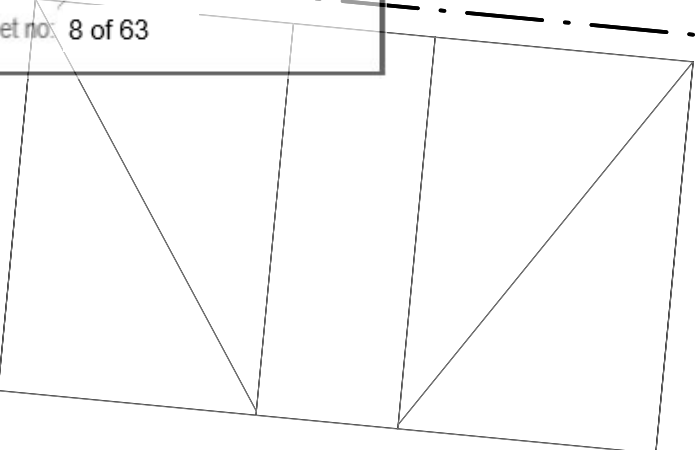
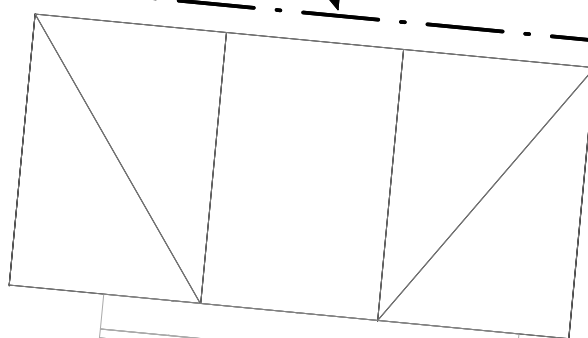
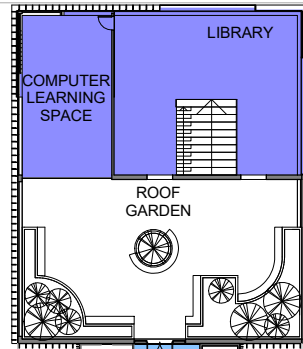


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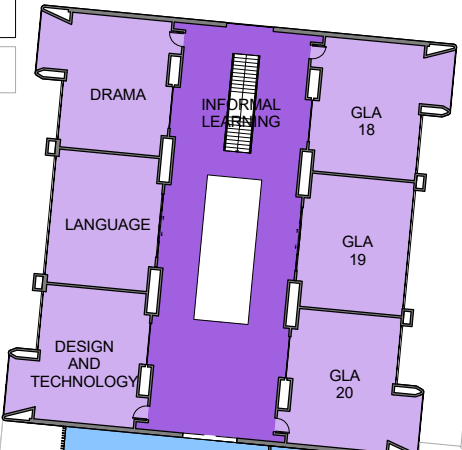


LIBRARY

COMPUTER LEARNING SPACE

ROOF GARDEN

LIFT



DRAMA

INFORMAL LEARNING

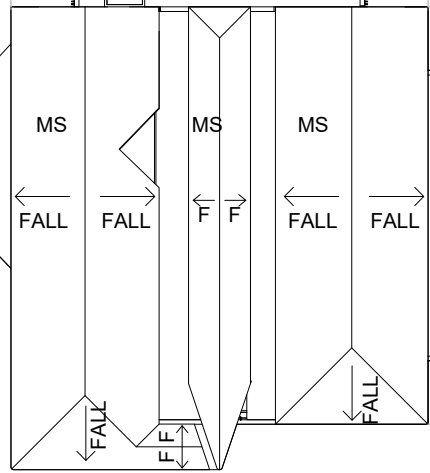
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LANGUAGE

GLA 19

DESIGN AND TECHNOLOGY

GLA 20



MS

MS

MS

FALL

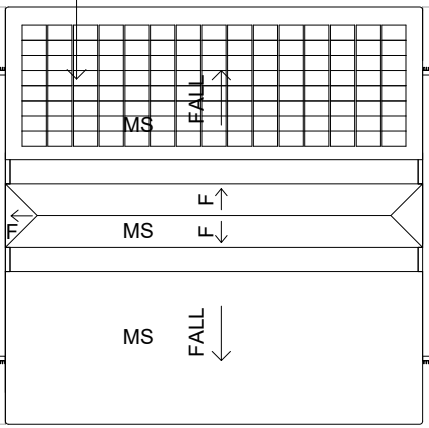
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FALL

FALL



MS

FALL

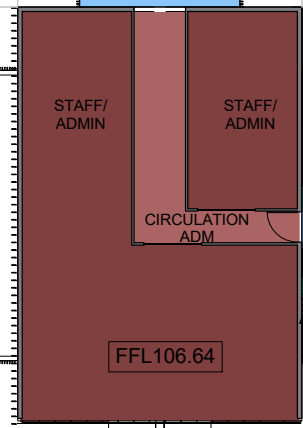
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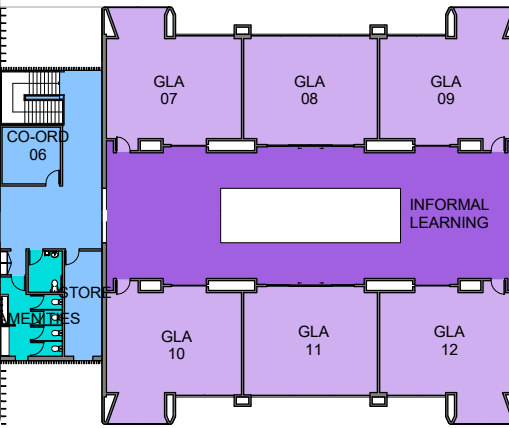


STAFF/ ADMIN

STAFF/ ADMIN

CIRCULATION ADM

FFL106.64



GLA 07

GLA 08

GLA 09

GLA 10

GLA 11

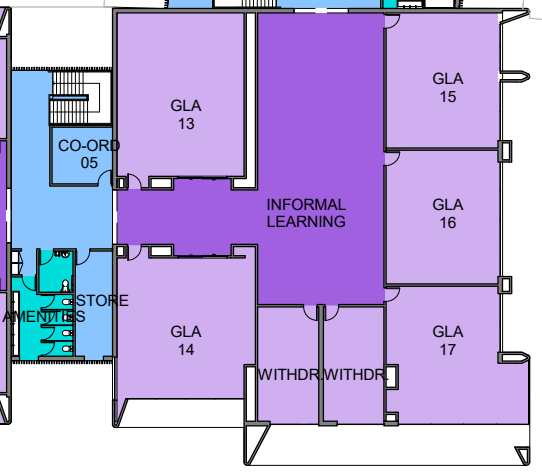
GLA 12

INFORMAL LEARNING

CO-ORD 06

STORE

AMENITIES



GLA 13

GLA 15

GLA 16

GLA 17

INFORMAL LEARNING

GLA 14

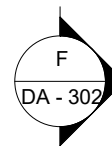
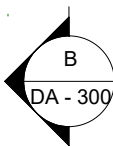
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WITHDRAWN

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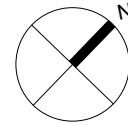
STORE

AMENITIES



0 mm 10 mm 30 mm

ON ORIGINAL SHEET

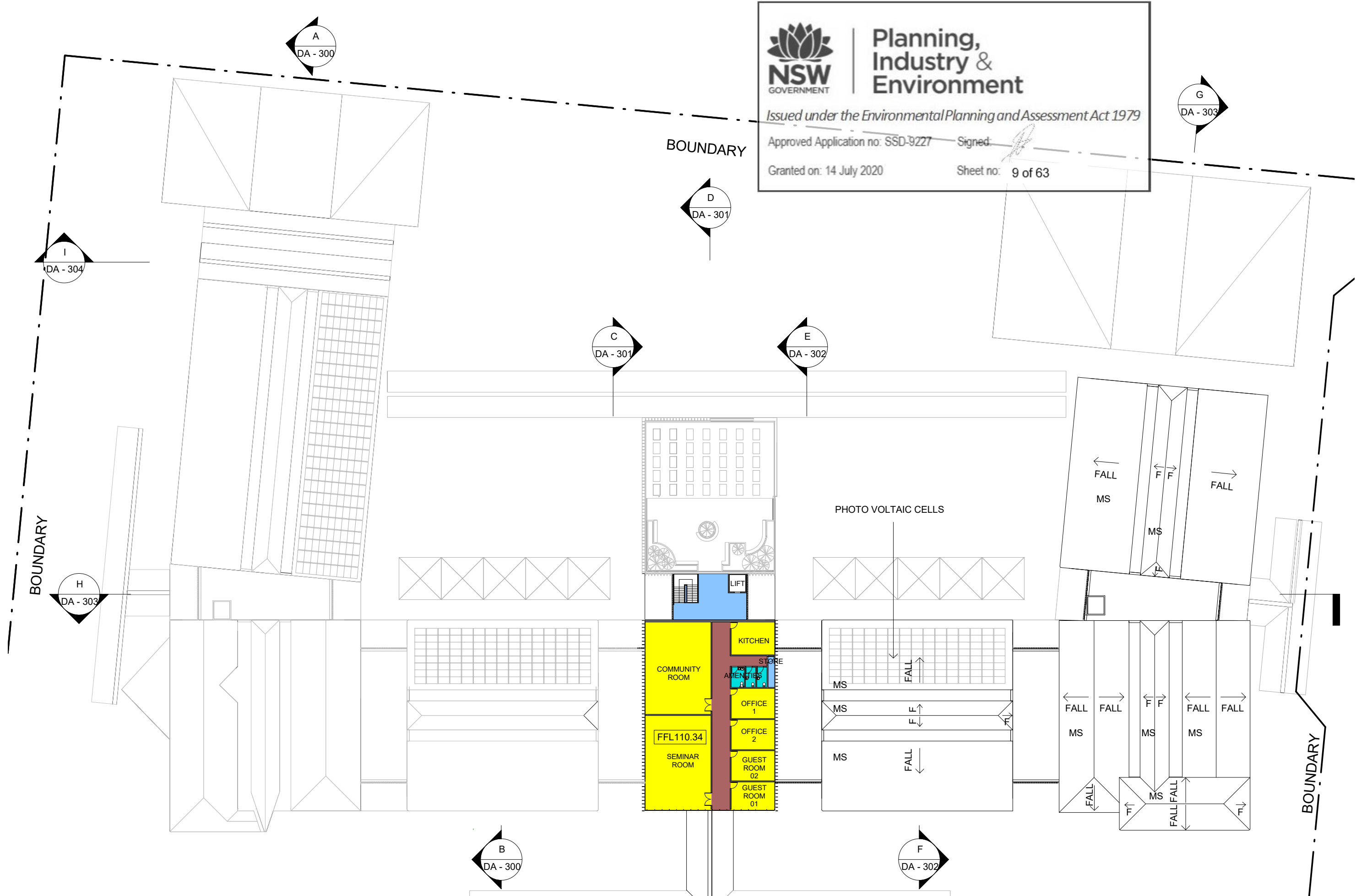


N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19

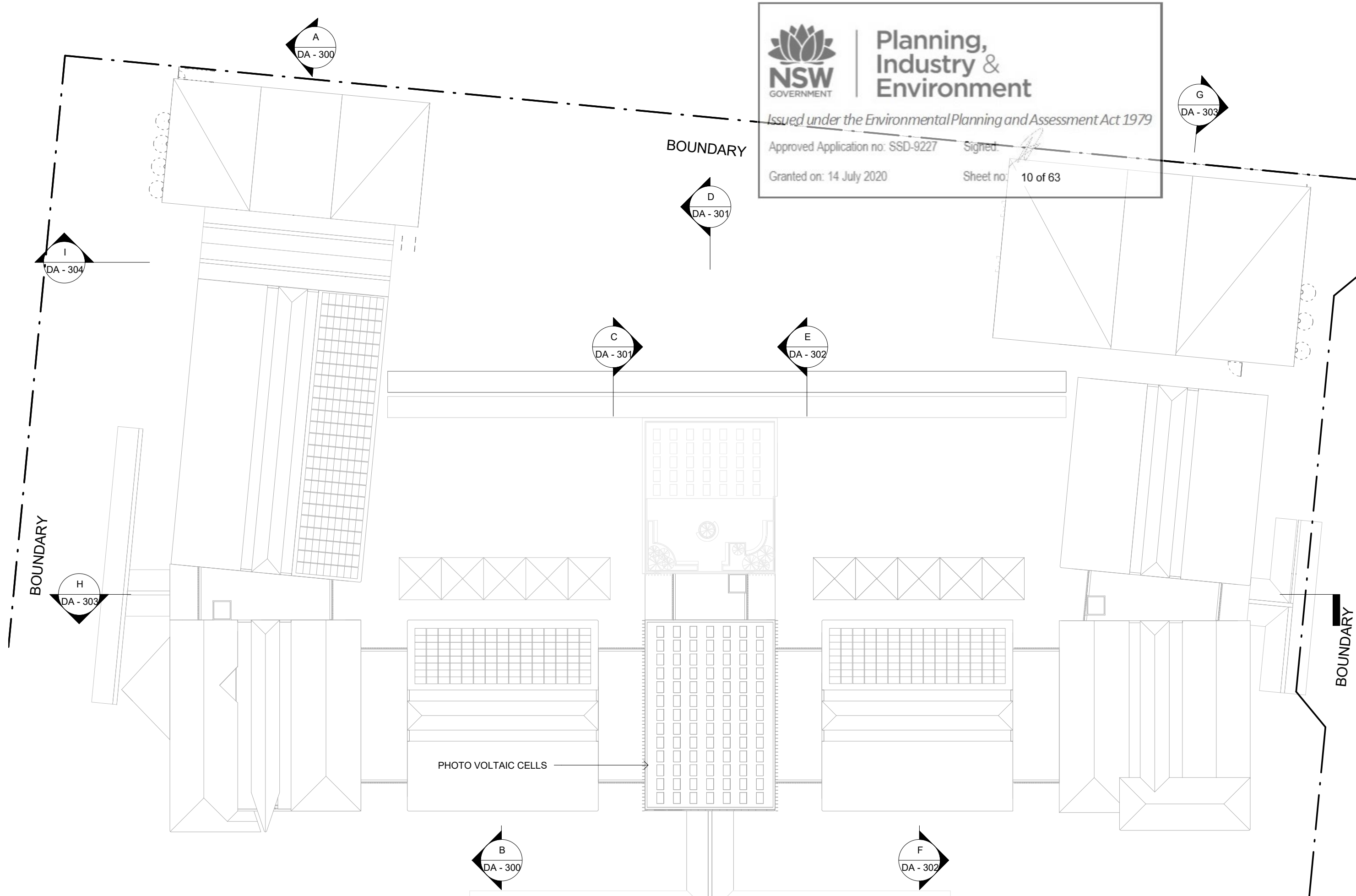


SCALE	DRAWN BY	CHECKED BY	DATE
1 : 500 @A3	BM/MC	PR	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 102	B	

Gran GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT
	AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
	TITLE: SECOND FLOOR PLAN



N		<table><tr><th>N°.</th><th>DESCRIPTION</th><th>DATE</th></tr><tr><td>A</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>30.04.19</td></tr><tr><td>B</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>31.05.19</td></tr></table>		N°.	DESCRIPTION	DATE	A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19	B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19	amity college		<table><tr><th>SCALE</th><th>DRAWN BY</th><th>CHECKED BY</th><th>DATE</th></tr><tr><td>1 : 500 @A3</td><td>BM/MC</td><td>PR</td><td>November 2018</td></tr></table>	SCALE	DRAWN BY	CHECKED BY	DATE	1 : 500 @A3	BM/MC	PR	November 2018	<table><tr><th>PROJ. No.</th><th>DRAWING No.</th><th>REV.</th></tr><tr><td>A1803</td><td>DA - 103</td><td>B</td></tr></table>	PROJ. No.	DRAWING No.	REV.	A1803	DA - 103	B	gran GRAN ASSOCIATES AUSTRALIA ARCHITECTS LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW TITLE: THIRD FLOOR PLAN
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SCALE	DRAWN BY	CHECKED BY	DATE																													
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PROJ. No.	DRAWING No.	REV.																														
A1803	DA - 103	B																														



Planning,
Industry &
Environment

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Approved Application no: SSD-9227

Signed:

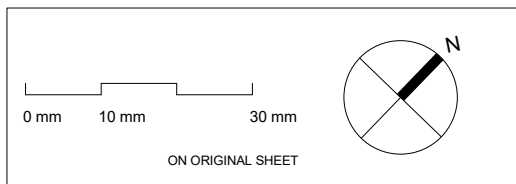
Granted on: 14 July 2020

Sheet no: 10 of 63

BOUNDARY

BOUNDARY

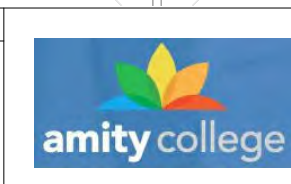
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N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19

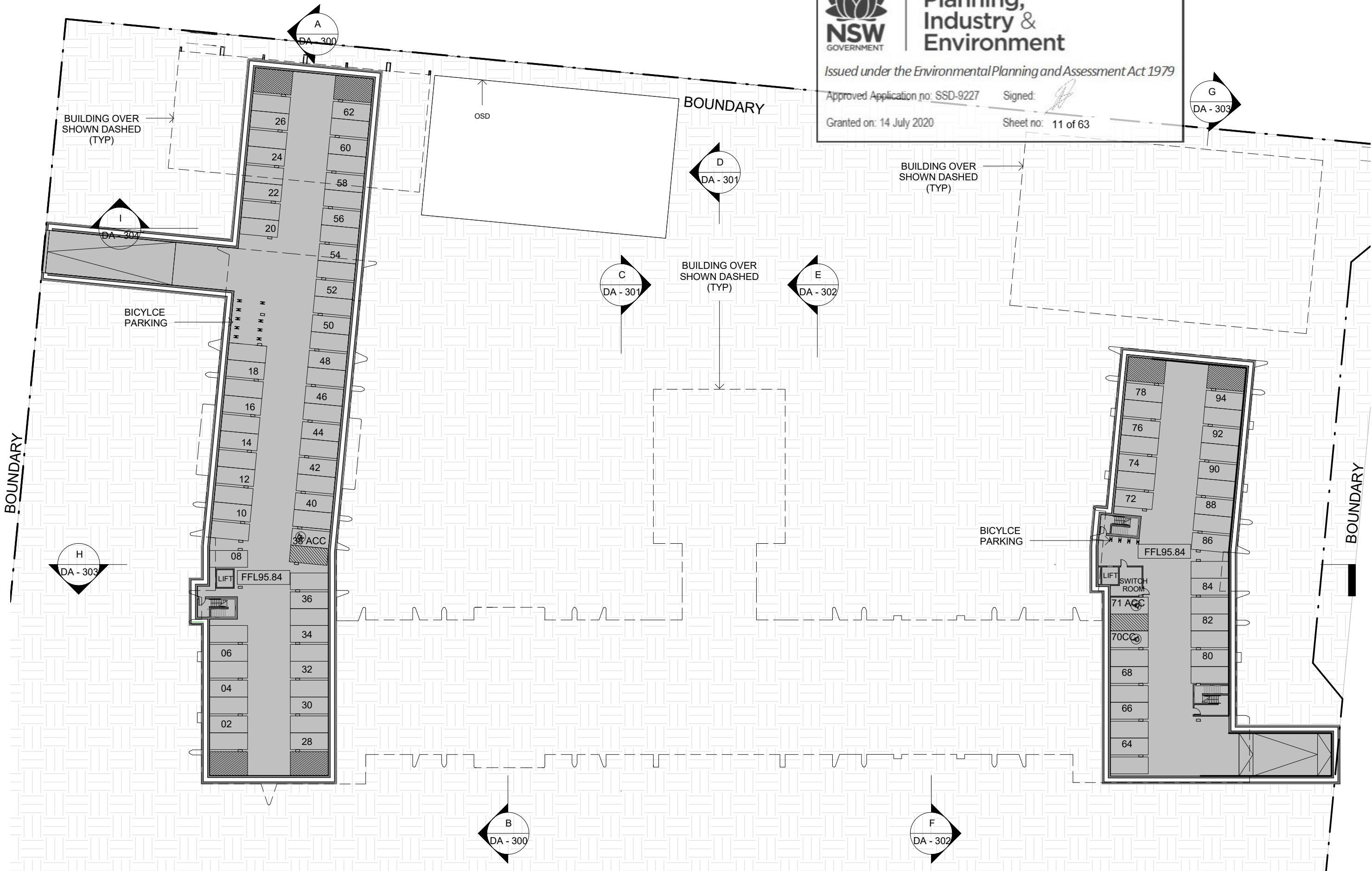
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A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19

N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19



SCALE	DRAWN BY	CHECKED BY	DATE
1 : 500 @A3	BM/MC	PR	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 104	B	

 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT
	AMITY COLLEGE LEPPINGTON
	85 Byron Road, Leppington NSW
TITLE:	ROOF PLAN



0 mm10 mm30 mm ON ORIGINAL SHEET		<table><tr><th>N°.</th><th>DESCRIPTION</th><th>DATE</th></tr><tr><td>A</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>30.04.19</td></tr><tr><td>B</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>31.05.19</td></tr></table>	N°.	DESCRIPTION	DATE	A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19	B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19		<table><tr><th>SCALE</th><th>DRAWN BY</th><th>CHECKED BY</th><th>DATE</th></tr><tr><td>1 : 500 @A3</td><td>BM/MC</td><td>PR</td><td>November 2018</td></tr><tr><td>PROJ. No.</td><td>DRAWING No.</td><td>REV.</td><td></td></tr><tr><td>A1803</td><td>DA - 105</td><td>B</td><td></td></tr></table>	SCALE	DRAWN BY	CHECKED BY	DATE	1 : 500 @A3	BM/MC	PR	November 2018	PROJ. No.	DRAWING No.	REV.		A1803	DA - 105	B		GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	<table><tr><td>PROJECT</td></tr><tr><td>AMITY COLLEGE LEPPINGTON</td></tr><tr><td>85 Byron Road, Leppington NSW</td></tr><tr><td>TITLE:</td></tr><tr><td>BASEMENT FLOOR PLAN</td></tr></table>	PROJECT	AMITY COLLEGE LEPPINGTON	85 Byron Road, Leppington NSW	TITLE:	BASEMENT FLOOR PLAN
	N°.	DESCRIPTION	DATE																																	
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B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19																																		
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PROJECT																																				
AMITY COLLEGE LEPPINGTON																																				
85 Byron Road, Leppington NSW																																				
TITLE:																																				
BASEMENT FLOOR PLAN																																				



TAPERED BLADE WALLS TO FORM CAVITY FOR OPERABLE WALLS



OPERABLE WALLS FOR FLEXIBLE LEARNING SPACES



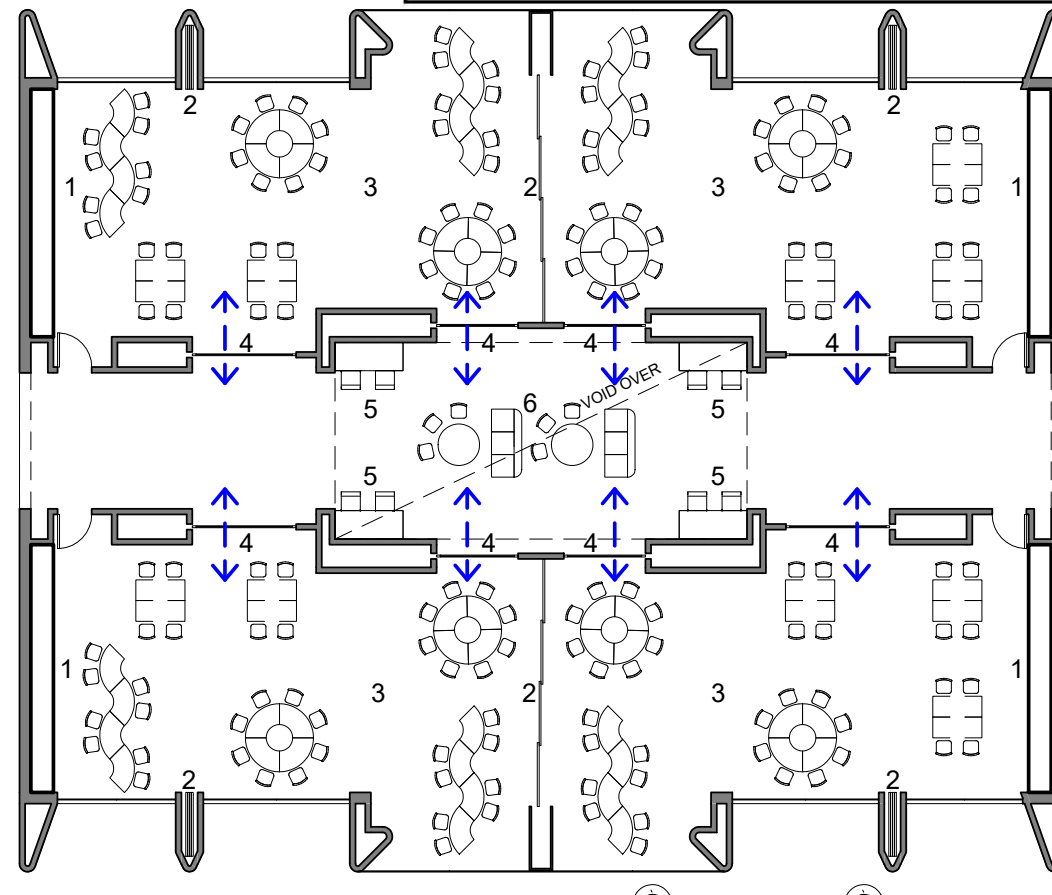
FLEXIBLE AND VARIED FURNITURE ARRANGEMENTS



INFORMAL LEARNING AREAS IN HALLWAYS

KINDERGARTEN
PRACTICAL ACTIVITIES AREA CONNECTED

1. PRACTICAL ACTIVITIES AREA
2. OPERABLE WALL
3. HOME BASE
4. GLAZED DOORS
5. WITHDRAWAL SPACE
6. VOID OVER

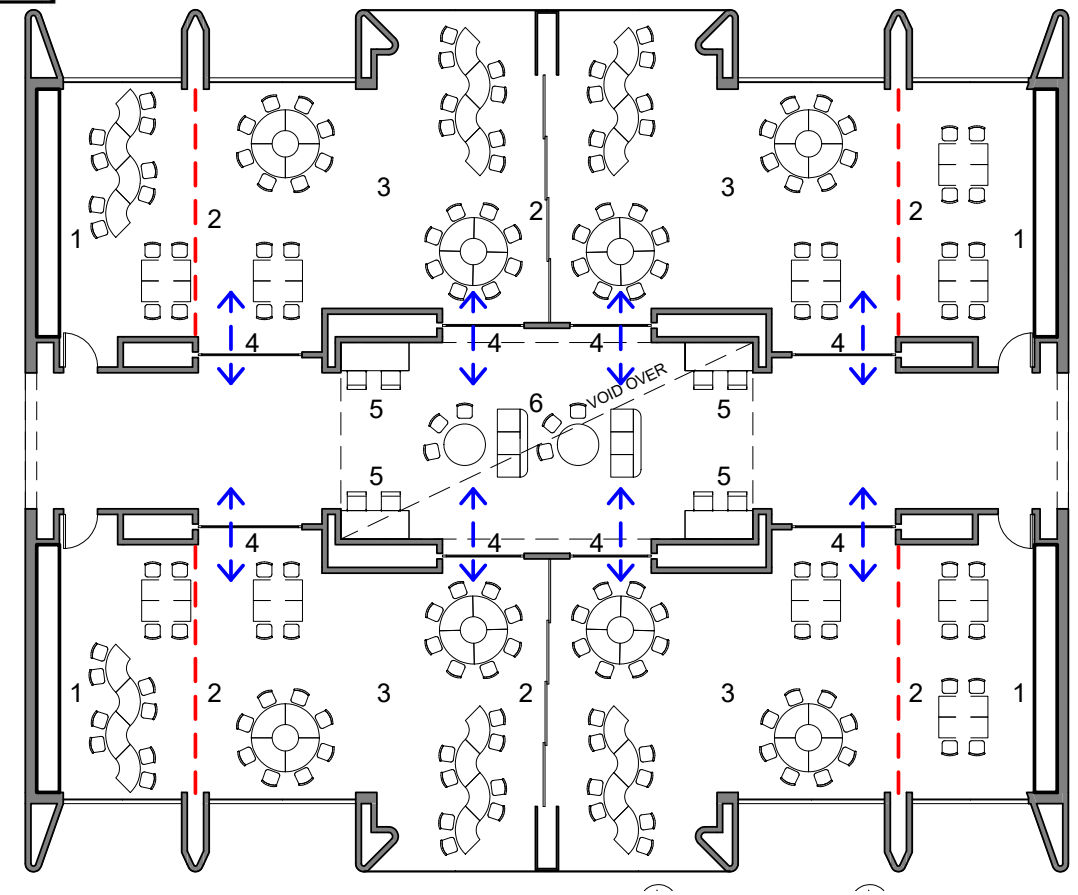


1 TYPICAL HOME BASE PLAN GROUND FLOOR SETTING 01
DA - 110/

KINDERGARTEN
ALL ROOMS SEPARATED

1. PRACTICAL ACTIVITIES AREA
2. OPERABLE WALL
3. HOME BASE
4. GLAZED DOORS
5. WITHDRAWAL SPACE
6. VOID OVER

COLOUR LEGEND
OPERABLE DOOR CLOSED ---
VISUAL CONNECTION ---



2 TYPICAL HOME BASE PLAN GROUND FLOOR SETTING 02
DA - 110/ 1 : 200

INITIALS 0 mm10 mm30 mm ON ORIGINAL SHEET		<table><tr><th>N°.</th><th>DESCRIPTION</th><th>DATE</th></tr><tr><td>A</td><td>ISSUE FOR DEVELOPMENT APPLICATION</td><td>30.04.19</td></tr></table>	N°.	DESCRIPTION	DATE	A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19		<table><tr><td>SCALE</td><td>DRAWN BY</td><td>CHECKED BY</td><td>DATE</td></tr><tr><td>1 : 200 @A3</td><td>LB</td><td>MC</td><td>November 2018</td></tr><tr><td>PROJ. No.</td><td>DRAWING No.</td><td>REV.</td><td></td></tr><tr><td>A1803</td><td>DA - 110</td><td>A</td><td></td></tr></table>	SCALE	DRAWN BY	CHECKED BY	DATE	1 : 200 @A3	LB	MC	November 2018	PROJ. No.	DRAWING No.	REV.		A1803	DA - 110	A		<table><tr><td>  GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599 </td><td> PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW TITLE: TYPICAL HOME BASE PLAN GROUND FLOOR 01 </td></tr></table>	 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW TITLE: TYPICAL HOME BASE PLAN GROUND FLOOR 01
N°.	DESCRIPTION	DATE																											
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19																											
SCALE	DRAWN BY	CHECKED BY	DATE																										
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PROJ. No.	DRAWING No.	REV.																											
A1803	DA - 110	A																											
 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW TITLE: TYPICAL HOME BASE PLAN GROUND FLOOR 01																												

KINDERGARTEN
HOME BASES CONNECTED

- 1. PRACTICAL ACTIVITIES AREA
- 2. OPERABLE WALL
- 3. HOME BASE
- 4. GLAZED DOORS
- 5. WITHDRAWAL SPACE
- 6. VOID OVER



Planning,
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Approved Application no: SSD-9227 Signed: 

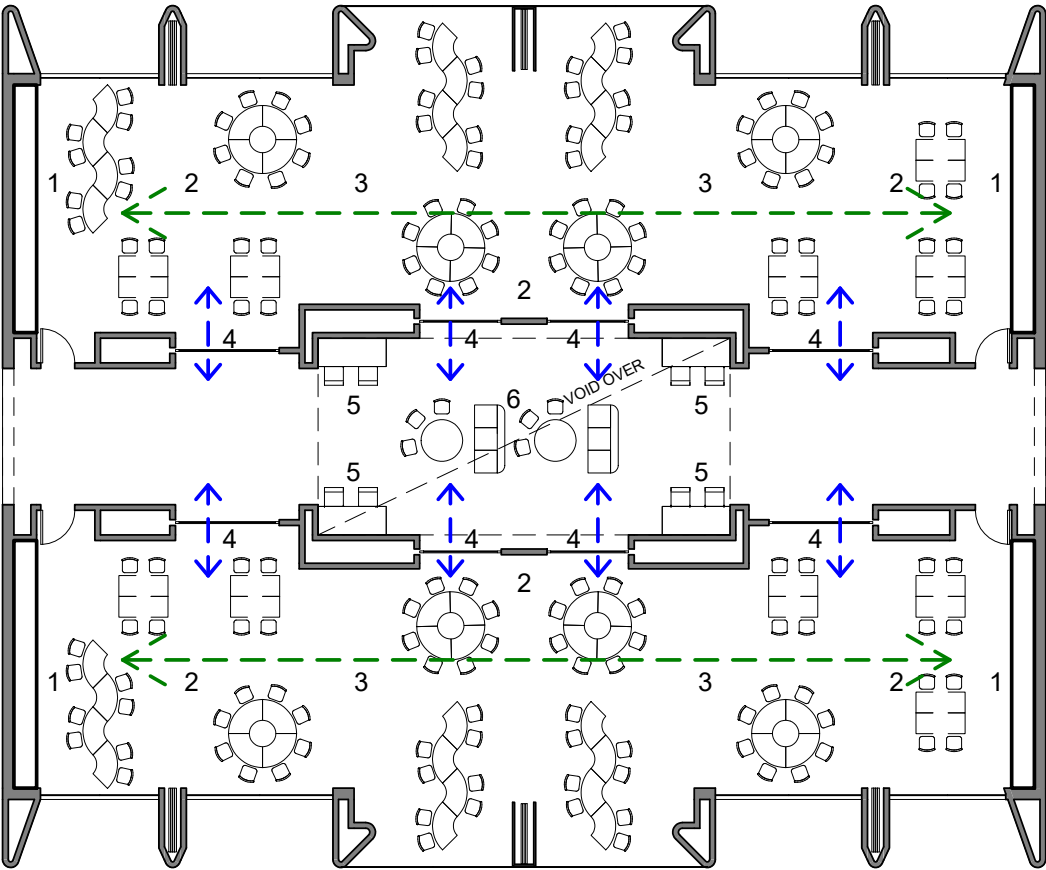
Granted on: 14 July 2020 Sheet no: 13 of 63

KINDERGARTEN
ALL SPACES CONNECTED

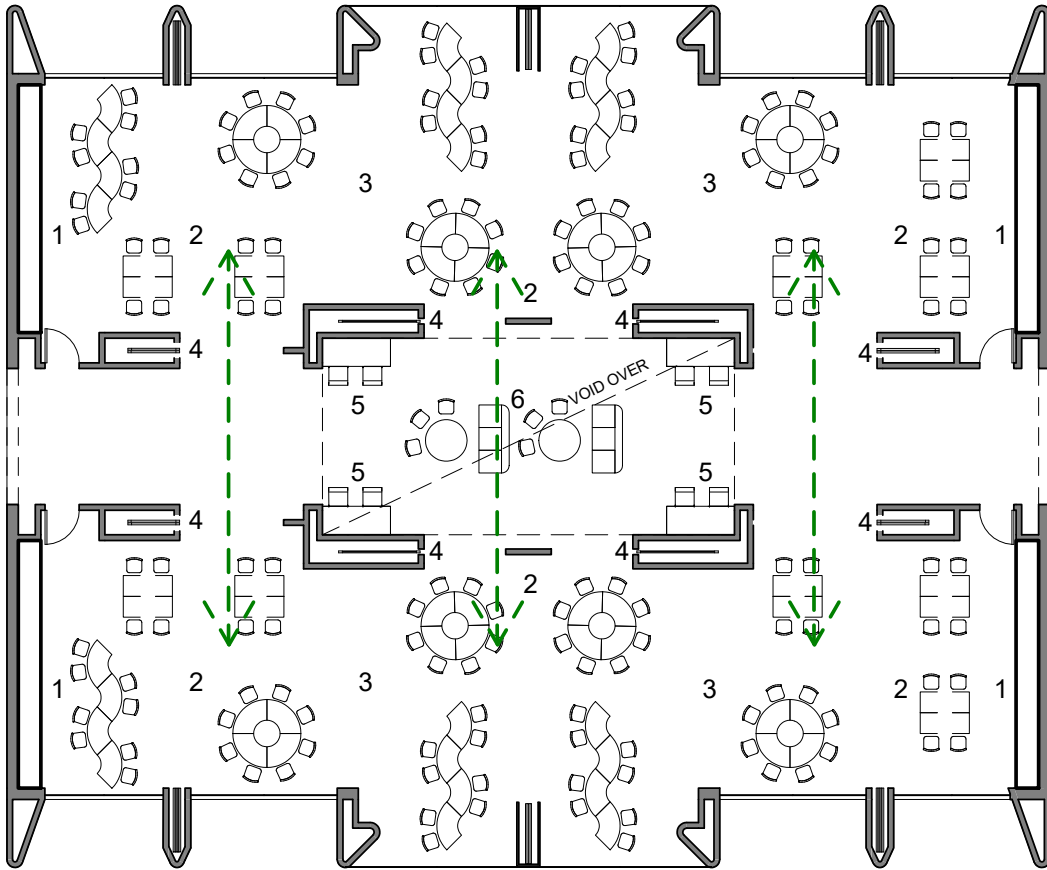
- 1. PRACTICAL ACTIVITIES AREA
- 2. OPERABLE WALL
- 3. HOME BASE
- 4. GLAZED DOORS
- 5. WITHDRAWAL SPACE
- 6. VOID OVER

COLOUR LEGEND

- VISUAL CONNECTION 
- PHYSICAL CONNECTION 



1 TYPICAL HOME BASE PLAN GROUND FLOOR SETTING 03
DA - 111 1 : 200



2 TYPICAL HOME BASE PLAN GROUND FLOOR SETTING 04
DA - 111 1 : 200

NOTE : HYBRID SETTING AVAILABLE BUT NOT SHOWN

0 mm10 mm30 mm ON ORIGINAL SHEET		Nº.	DESCRIPTION	DATE		SCALE	DRAWN BY	CHECKED BY	DATE	 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT
		A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19		1 : 200 @A3	LB	MC	November 2018		AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
						PROJ. No.	DRAWING No.	REV.		TITLE:	
						A1803	DA - 111	A		TYPICAL HOME BASE PLAN GROUND FLOOR 02	

PRIMARY YEARS 1 TO 6
PRACTICAL ACTIVITIES AREA CONNECTED

- 1. PRACTICAL ACTIVITIES AREA
- 2. OPERABLE WALL
- 3. HOME BASE
- 4. GLAZED DOORS
- 5. INFORMAL LEARNING SPACE
- 6. WITHDRAWAL SPACE
- 7. VOID



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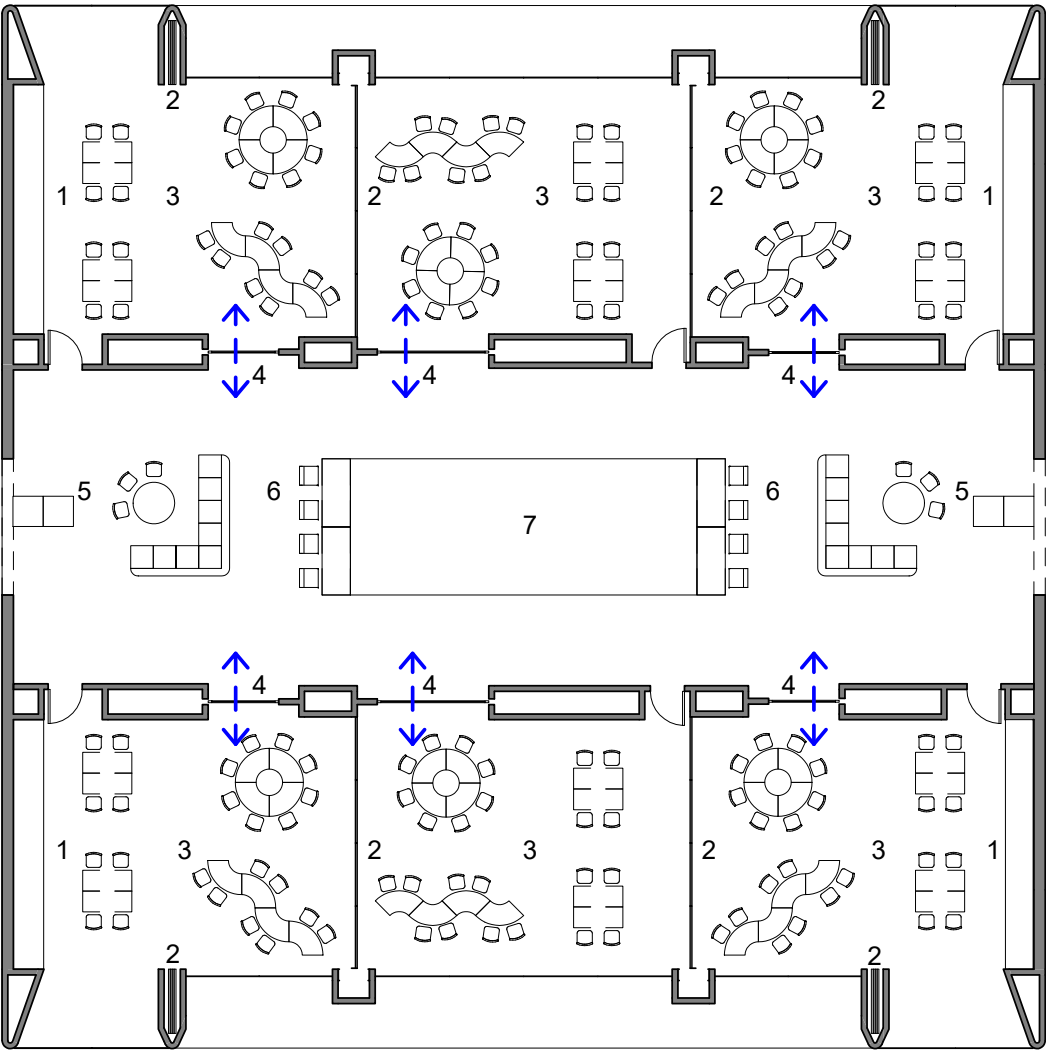
Approved Application no: SSD-9227 Signed: 
Granted on: 14 July 2020 Sheet no: 14 of 63

PRIMARY YEARS 1 TO 6
ALL ROOMS SEPARATED

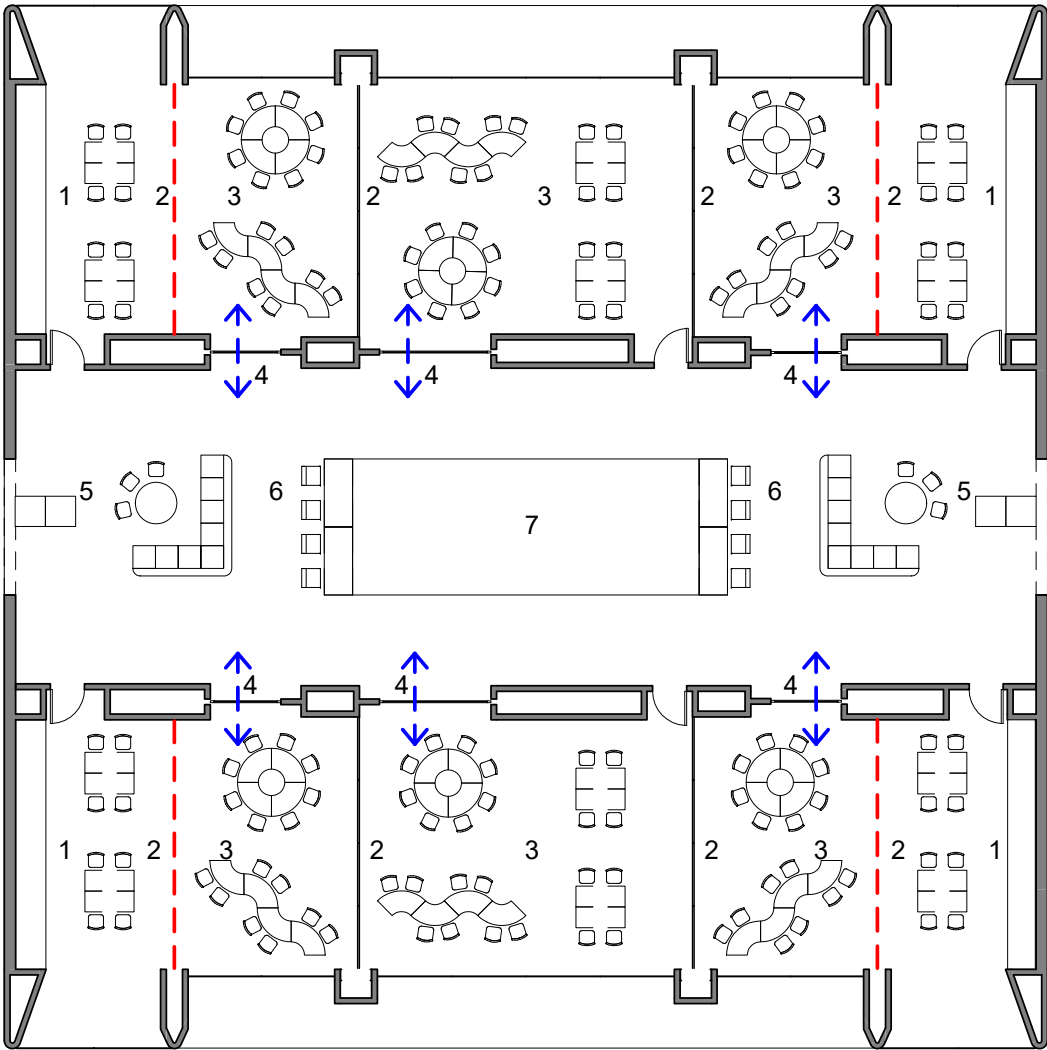
- 1. PRACTICAL ACTIVITIES AREA
- 2. OPERABLE WALL
- 3. HOME BASE
- 4. GLAZED DOORS
- 5. INFORMAL LEARNING SPACE
- 6. WITHDRAWAL SPACE
- 7. VOID

COLOUR LEGEND

OPERABLE DOOR CLOSED 
VISUAL CONNECTION 



1 TYPICAL HOME BASE PLAN FIRST FLOOR SETTING 01
DA - 112 1 : 200



2 TYPICAL HOME BASE PLAN FIRST FLOOR SETTING 02
DA - 112 1 : 200

0 mm10 mm30 mm ON ORIGINAL SHEET		Nº.	DESCRIPTION	DATE		SCALE	DRAWN BY	CHECKED BY	DATE	 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT
		A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19		1 : 200 @A3	LB	MC	November 2018		AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
						PROJ. No.	DRAWING No.	REV.			TITLE:
						A1803	DA - 112	A			TYPICAL HOME BASE PLAN FIRST FLOOR 01

PRIMARY YEARS 1 TO 6
HOME BASES CONNECTED

- 1. PRACTICAL ACTIVITIES AREA
- 2. OPERABLE WALL
- 3. HOME BASE
- 4. GLAZED DOORS
- 5. INFORMAL LEARNING SPACE
- 6. WITHDRAWAL SPACE
- 7. VOID



Planning, Industry & Environment

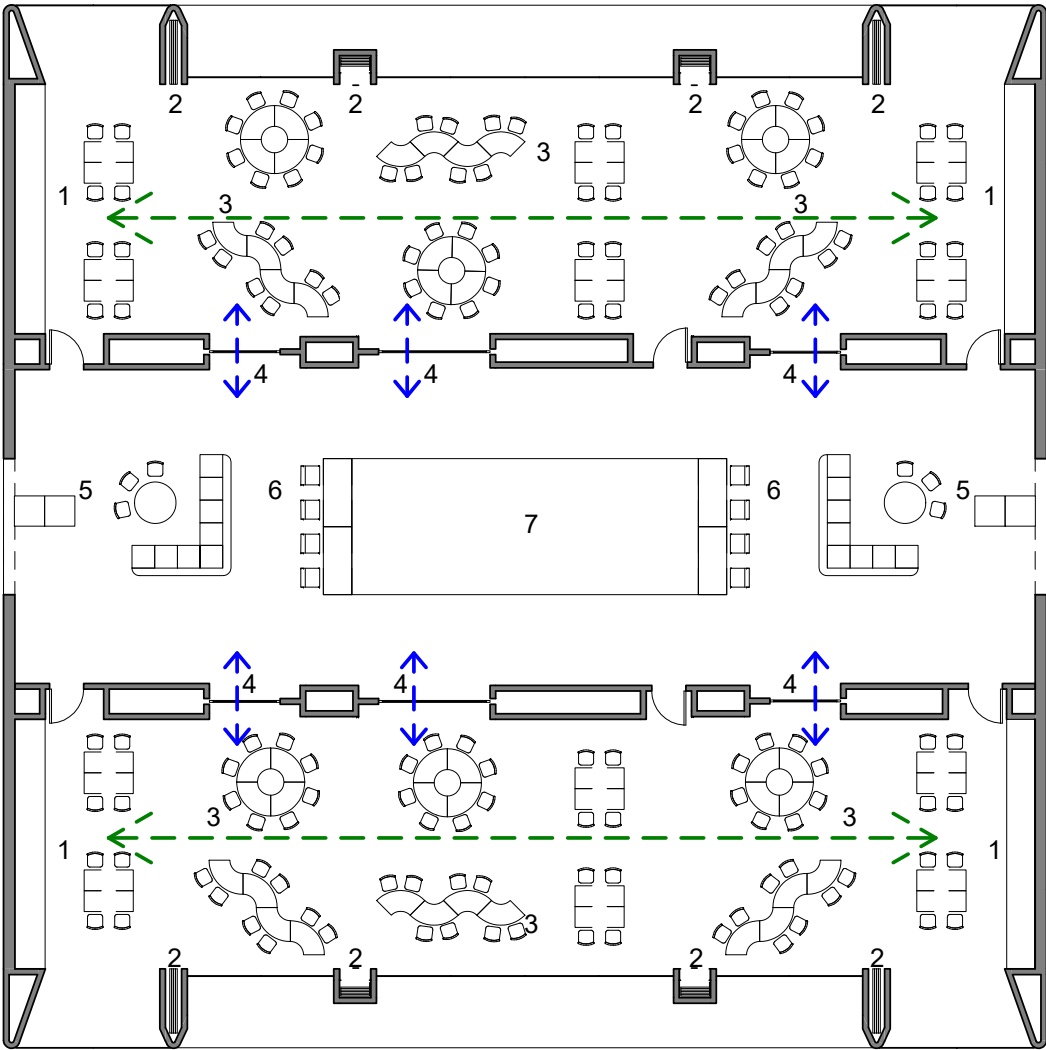
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Approved Application no: SSD-9227

Signed: 

Granted on: 14 July 2020

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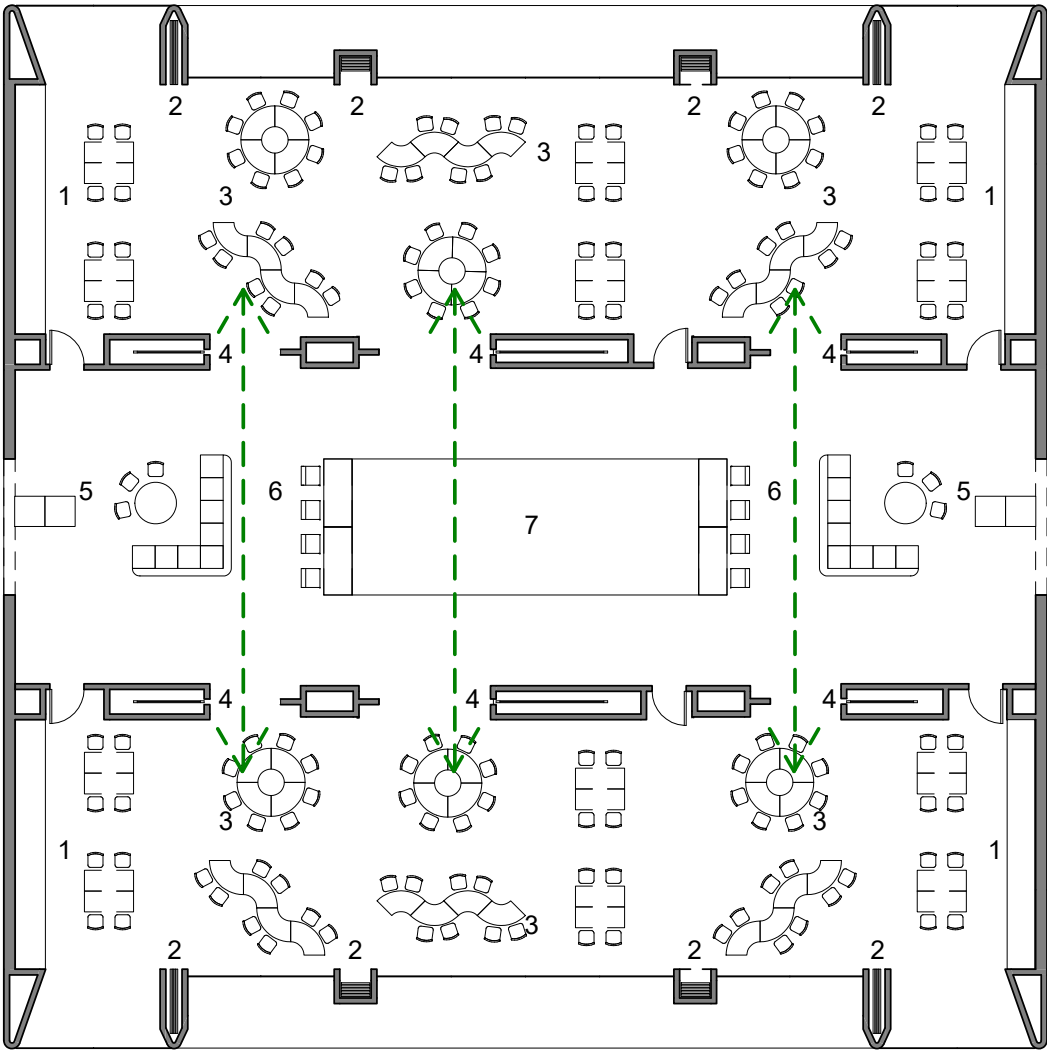
1 TYPICAL HOME BASE PLAN FIRST FLOOR SETTING 03
DA - 113 1 : 200

PRIMARY YEARS 1 TO 6
ALL SPACES CONNECTED

- 1. PRACTICAL ACTIVITIES AREA
- 2. OPERABLE WALL
- 3. HOME BASE
- 4. GLAZED DOORS
- 5. INFORMAL LEARNING SPACE
- 6. WITHDRAWAL SPACE
- 7. VOID

COLOUR LEGEND

VISUAL CONNECTION
PHYSICAL CONNECTION



2 TYPICAL HOME BASE PLAN FIRST FLOOR SETTING 04
DA - 113 1 : 200

NOTE : HYBRID SETTING AVAILABLE BUT NOT SHOWN

0 mm10 mm30 mm ON ORIGINAL SHEET		Nº.	DESCRIPTION	DATE		SCALE	DRAWN BY	CHECKED BY	DATE	 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: + 61 2 9818 8288 PETER REED ASALA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT
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Planning,
Industry &
Environment

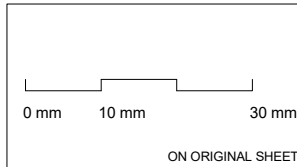
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Approved Application no: SSD-9227

Signed:

Granted on: 14 July 2020

Sheet no: 16 of 63

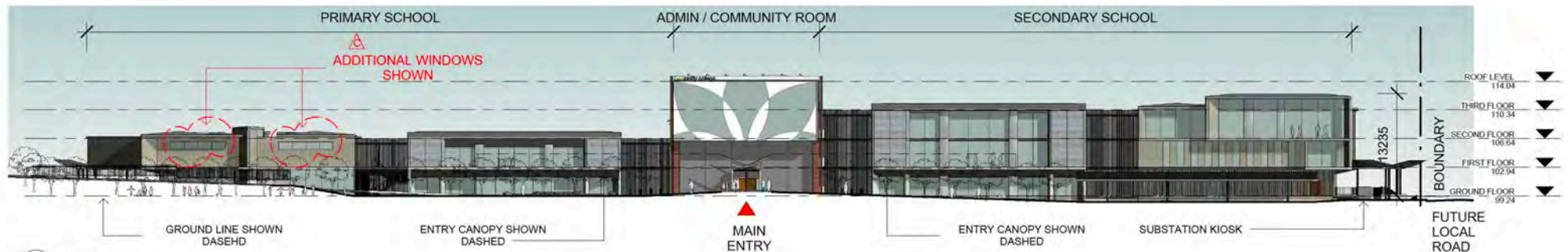


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B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19



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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 200	B	

PROJECT	AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW	
TITLE:	NORTH & EAST ELEVATIONS



Planning, Industry & Environment

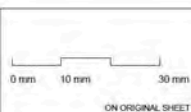
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Approved Application no: SSD-9227

Signed:

Granted on: 14 July 2020

Sheet no: 17 of 63



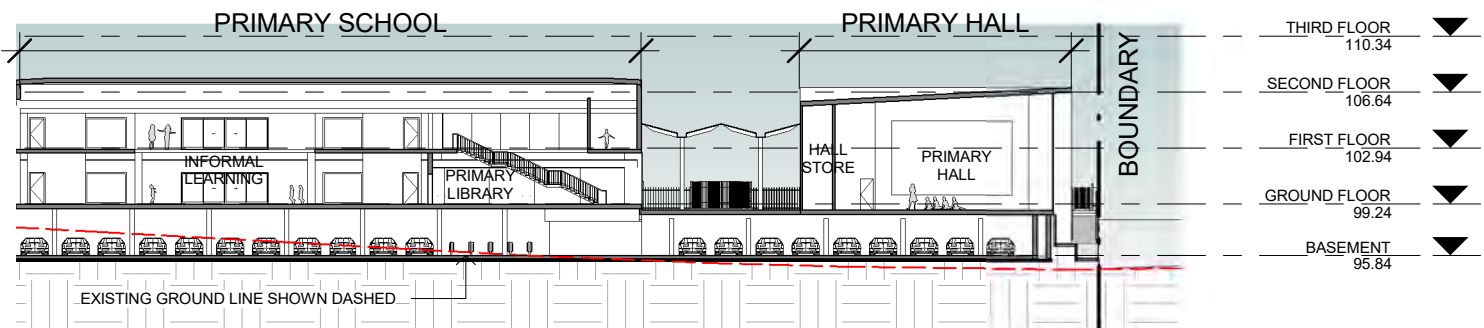
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B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19
C	REVISED AS PER COUNCIL COMMENTS	19.11.19



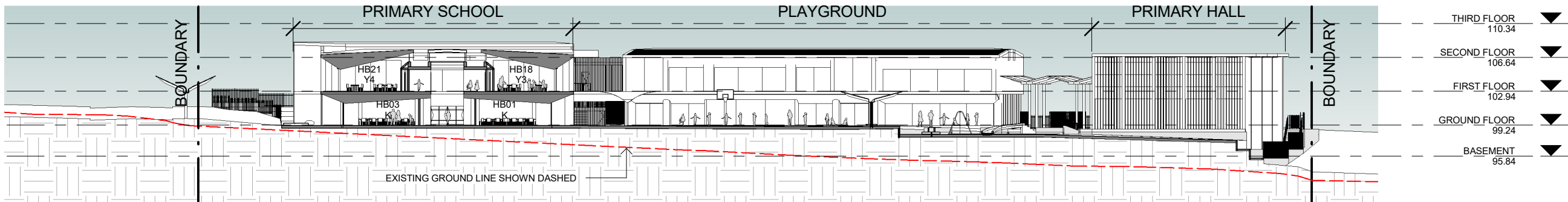
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A1803	DA - 201	C	



PROJECT
AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
TITLE:
SOUTH & WEST ELEVATIONS



A Section A
DA - 300



B Section B
DA - 300
1:500

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ON ORIGINAL SHEET

N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19



SCALE	DRAWN BY	CHECKED BY	DATE
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 300	B	

gran
GRAN ASSOCIATES AUSTRALIA
ARCHITECTS PTY LTD
LEVEL 1, 597 DARLING STREET
ROZELLE NSW 2039
PH: +61 2 9818 8437
FAX: +61 2 9818 8288
PETER REED ARAIA, AIA NOM ARCH 5377
ANTHONY KEMENY FRAIA NSW REG No. 4599

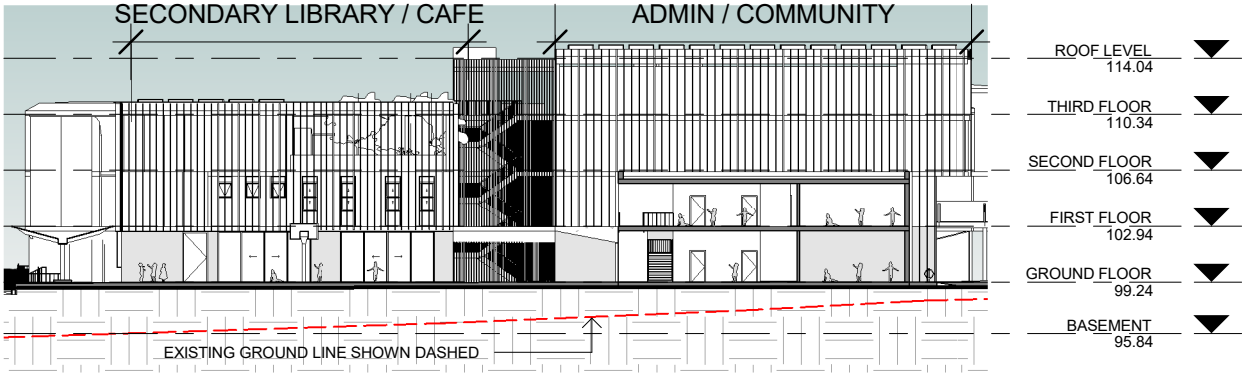
PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
SECTION AA & BB



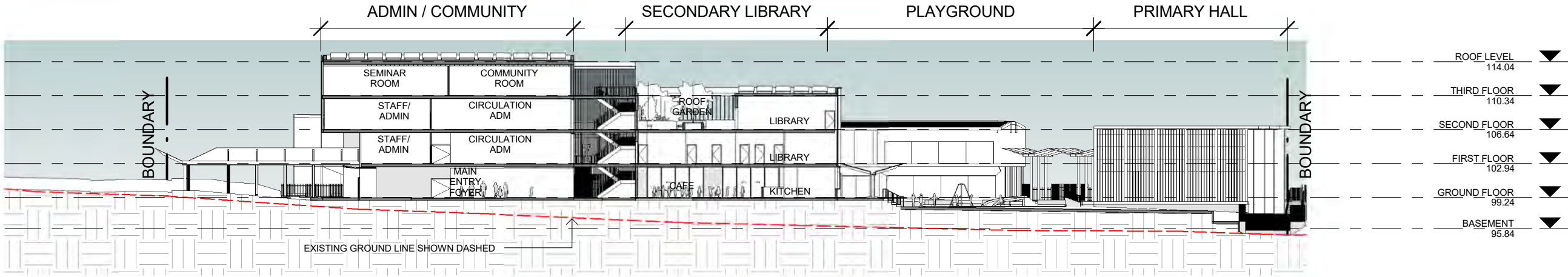
Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227 Signed:

Granted on: 14 July 2020 Sheet no: 19 of 63



C Section C



D Section D



ON ORIGINAL SHEET

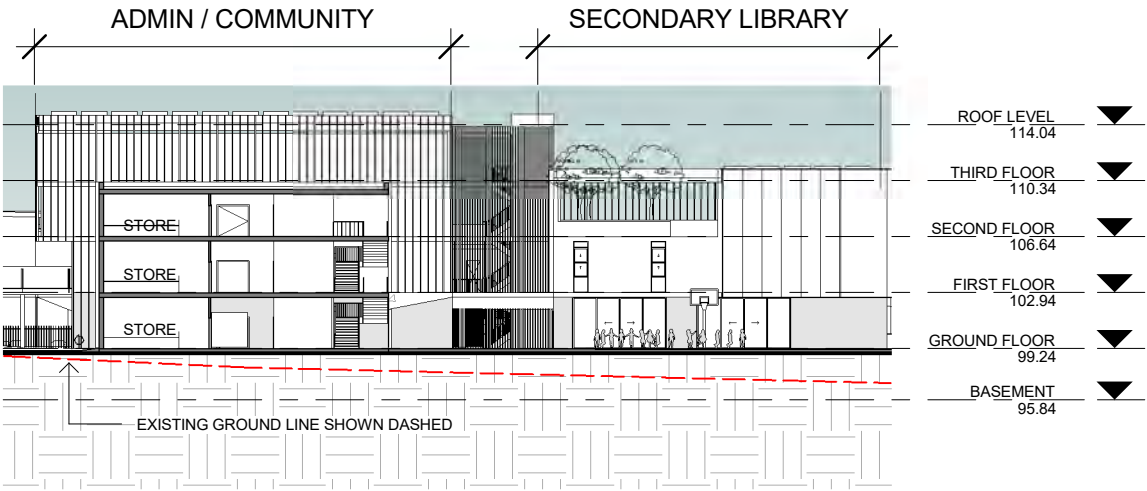
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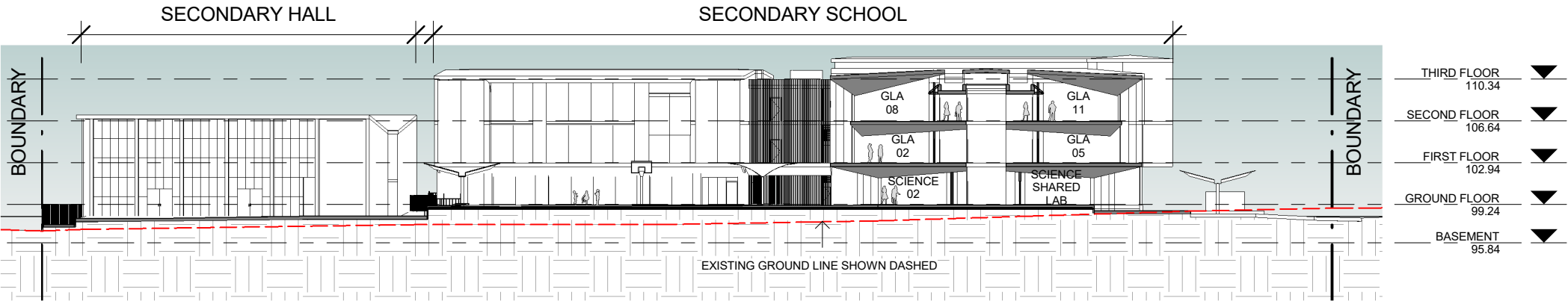
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 301	B	

gran
GRAN ASSOCIATES AUSTRALIA
ARCHITECTS PTY LTD
LEVEL 1, 597 DARLING STREET
ROZELLE NSW 2039
PH: +61 2 9818 8437
FAX: +61 2 9818 8288
PETER REED ARAIA, AIA NOM ARCH 5377
ANTHONY KEMENY FRAIA NSW REG No. 4599

PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
SECTION CC & DD



E Section E
DA - 302



F Section F
DA - 302

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ON ORIGINAL SHEET

N°.	DESCRIPTION	DATE
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B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19



SCALE	DRAWN BY	CHECKED BY	DATE
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PROJ. No.	DRAWING No.	REV.	
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gran
GRAN ASSOCIATES AUSTRALIA
ARCHITECTS PTY LTD
LEVEL 1, 597 DARLING STREET
ROZELLE NSW 2039
PH: +61 2 9818 8437
FAX: +61 2 9818 8288
PETER REED ARAIA, AIA NOM ARCH 5377
ANTHONY KEMENY FRAIA NSW REG No. 4599

PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
SECTION EE & FF



Planning, Industry & Environment

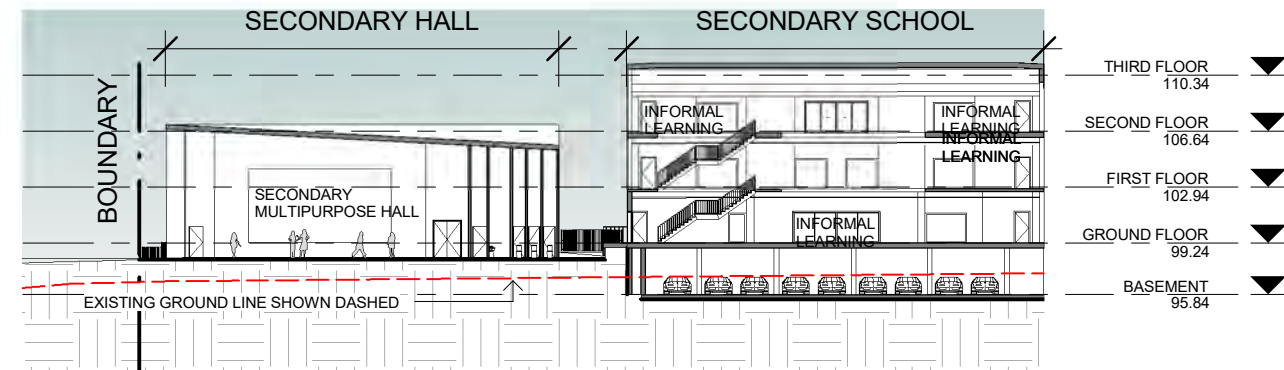
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Signed: 

Granted on: 14 July 2020

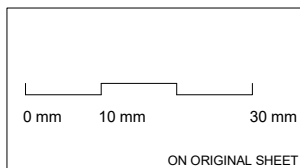
Sheet no: 21 of 63



G Section G
DA - 303



H Section H
DA - 303



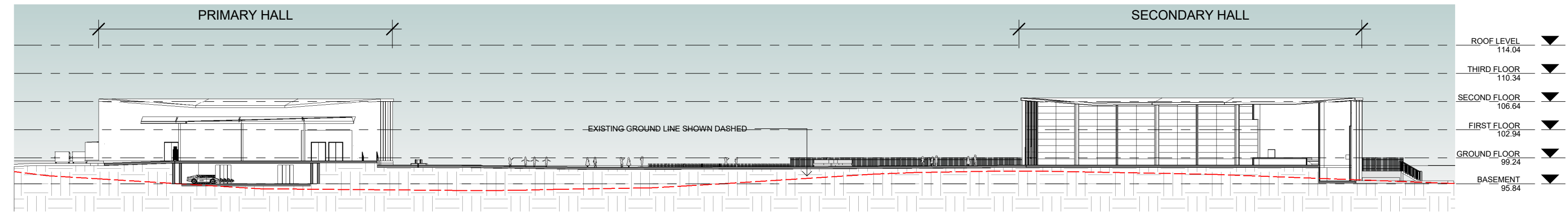
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B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19



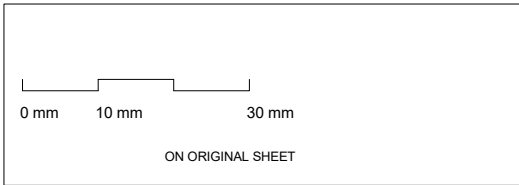
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 303	B	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
SECTION GG & HH



I
DA - 304
Section I
1 : 500



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19



SCALE	DRAWN BY	CHECKED BY	DATE
1 : 500 @A3	BM/MC	PR	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 304	B	

PROJECT
AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
TITLE:
SECTION II

Gran
GRAN ASSOCIATES AUSTRALIA
ARCHITECTS PTY LTD
LEVEL 1, 597 DARLING STREET
ROZELLE NSW 2039
PH: +61 2 9818 8437
FAX: +61 2 9818 8288
PETER REED ARAIA, AIA NOM ARCH 5377
ANTHONY KEMENY FRAIA NSW REG No. 4599

- 1. HOME BASE/GENERAL LEARNING AREA
- 2. OPERABLE HIGHLIGHT WINDOWS
- 3.VOID

COLOUR LEGEND

- DIRECT AND BORROWED LIGHT
- CROSS VENTILATION
- STACK EFFECT HOT AIR DISCHARGE

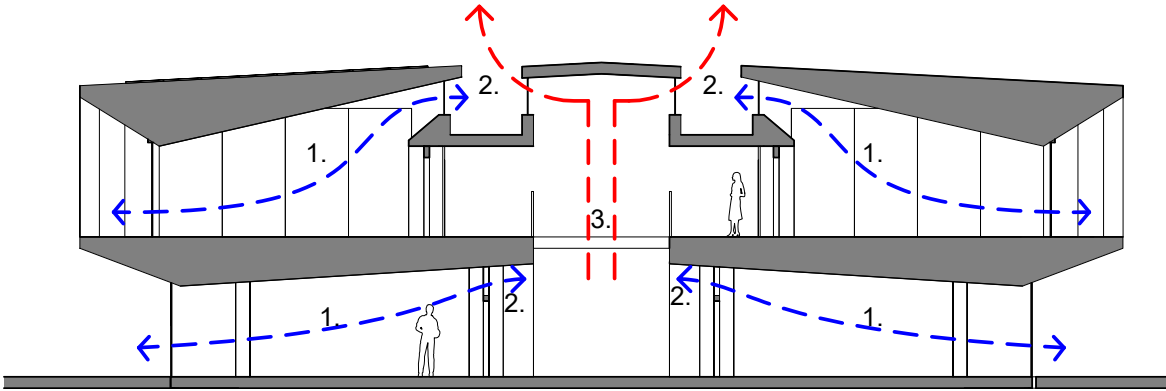
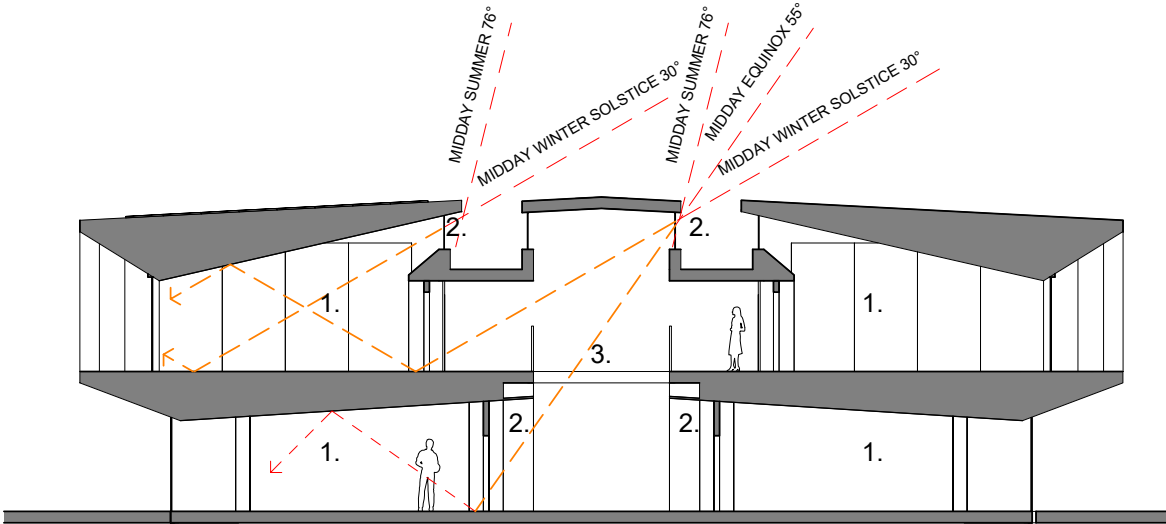
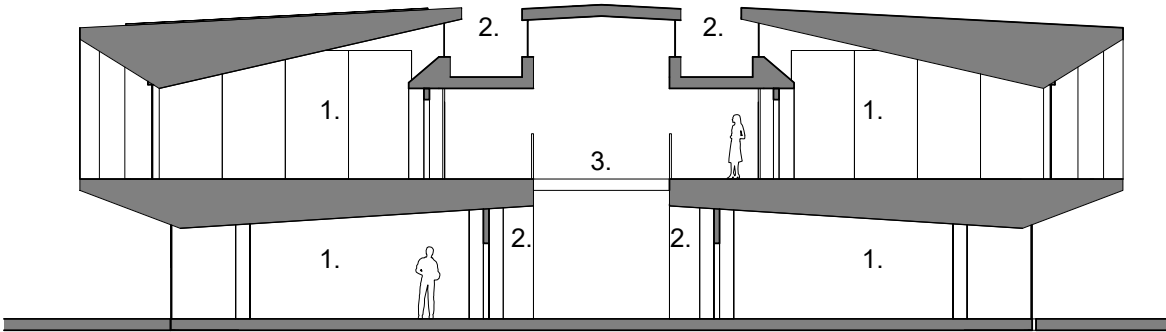


Planning,
Industry &
Environment

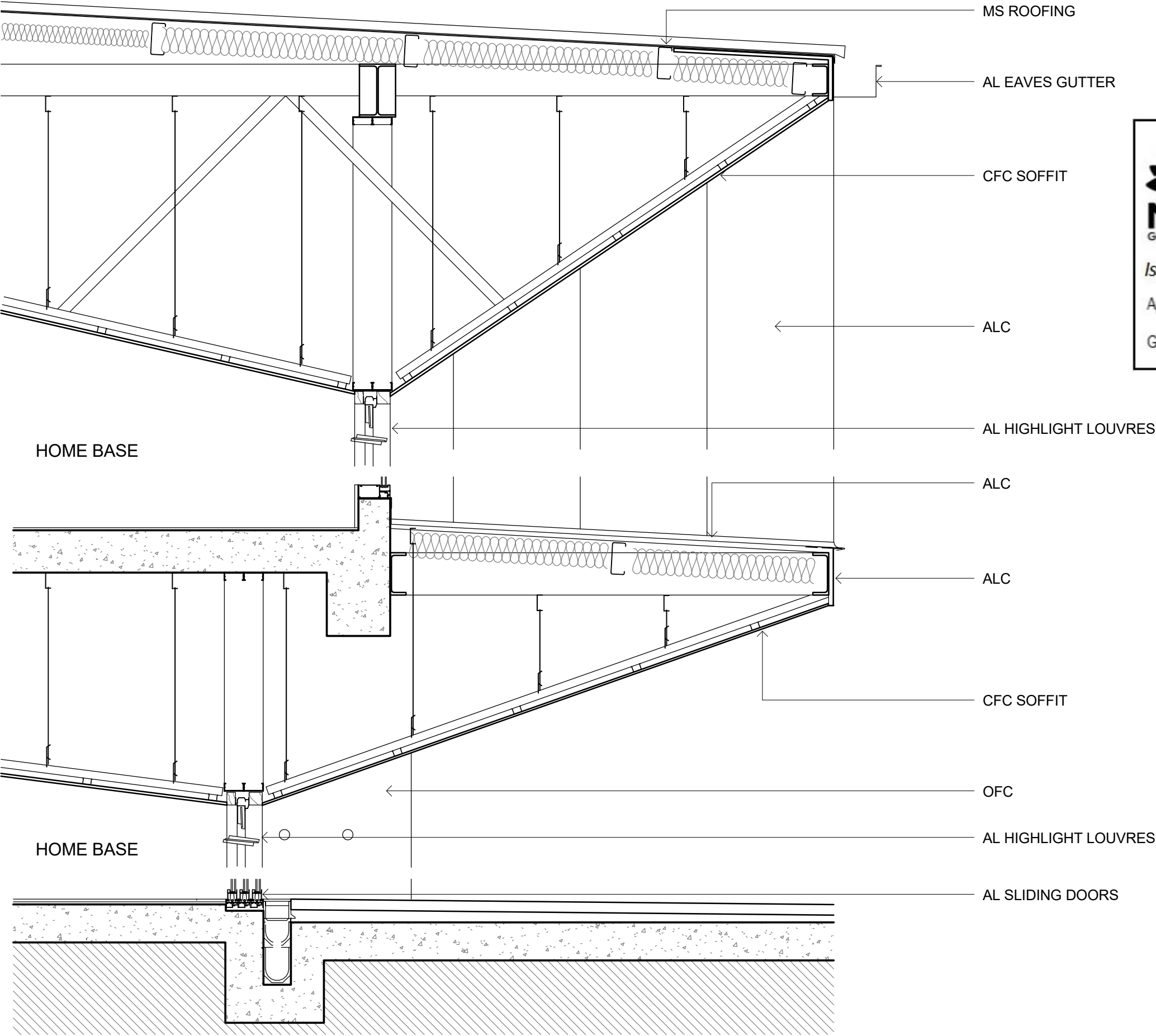
Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227 Signed: 

Granted on: 14 July 2020 Sheet no: 23 of 63



0 mm10 mm30 mm ON ORIGINAL SHEET		N°.	DESCRIPTION	DATE		SCALE	DRAWN BY	CHECKED BY	DATE	 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2038 PH: +61 2 9818 8437 FAX: + 61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT
		A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19		1 : 200 @A3	LB	MC	November 2018		AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
						PROJ. No.	DRAWING No.	REV.	TITLE:		
						A1803	DA - 310	A	TYPICAL HOME BASE CROSS SECTION		





**Planning,
Industry &
Environment**

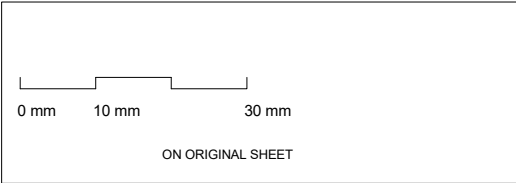
Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227

Signed: 

Granted on: 14 July 2020

Sheet no: 24 of 63

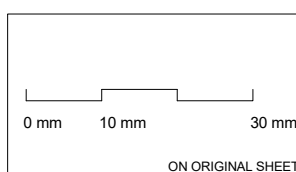
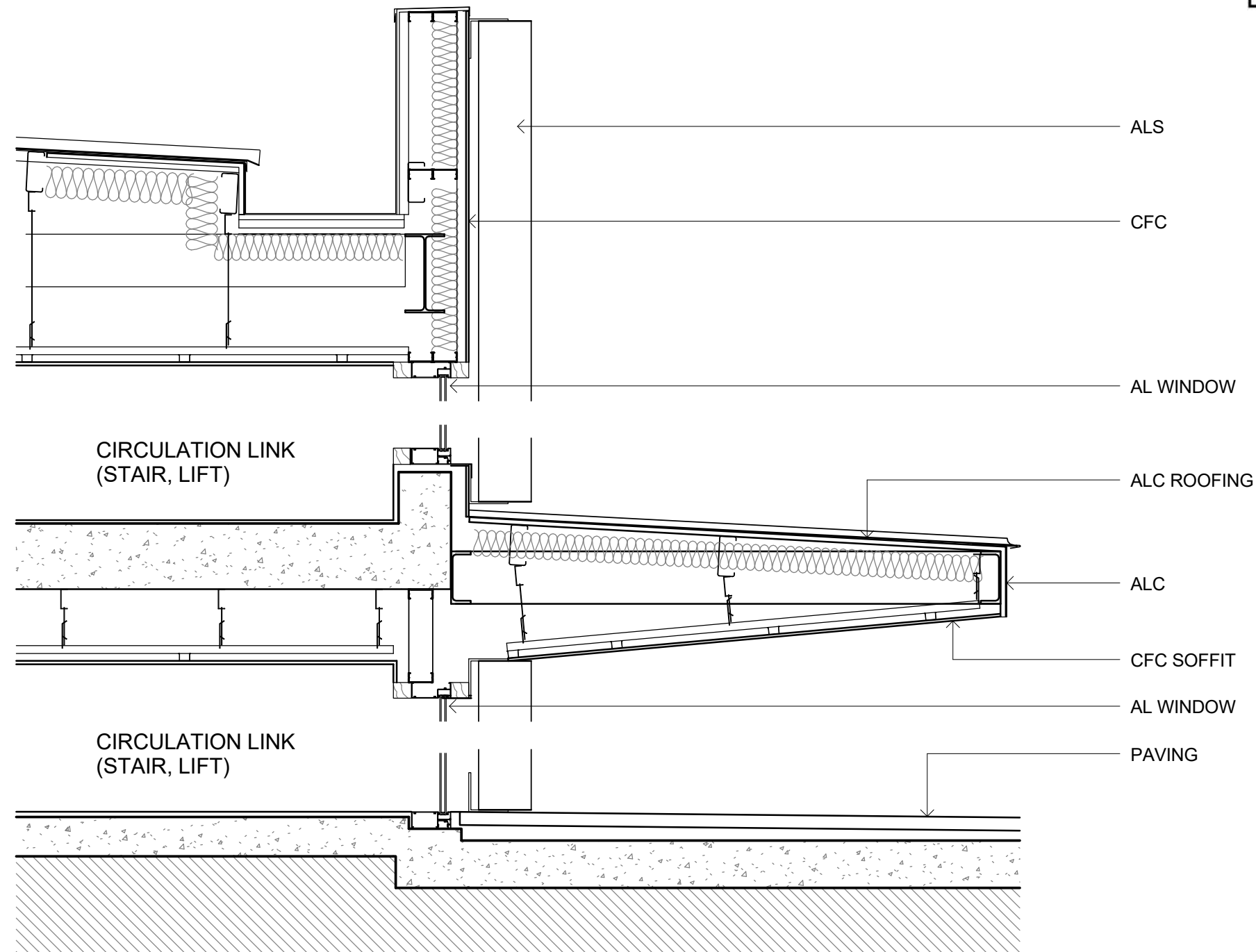


N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	02.07.19



SCALE	DRAWN BY	CHECKED BY	DATE
1 : 20	@A3	BM/MC	MC
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 320	A	

 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	FOR DEVELOPMENT APPLICATION
	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
	TITLE: TYPICAL HOME BASE SECTION DETAIL



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	02.07.19



SCALE	DRAWN BY	CHECKED BY	DATE
1 : 20 @A3	BM/MC	MC	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 321	A	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
TYPICAL CIRCULATION LINK (LIFT/ STAIRWAY) SECTION DETAIL



TYPICAL CONSTRUCTION LEGEND

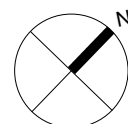
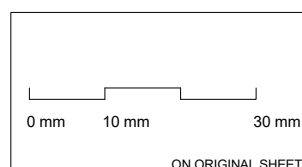
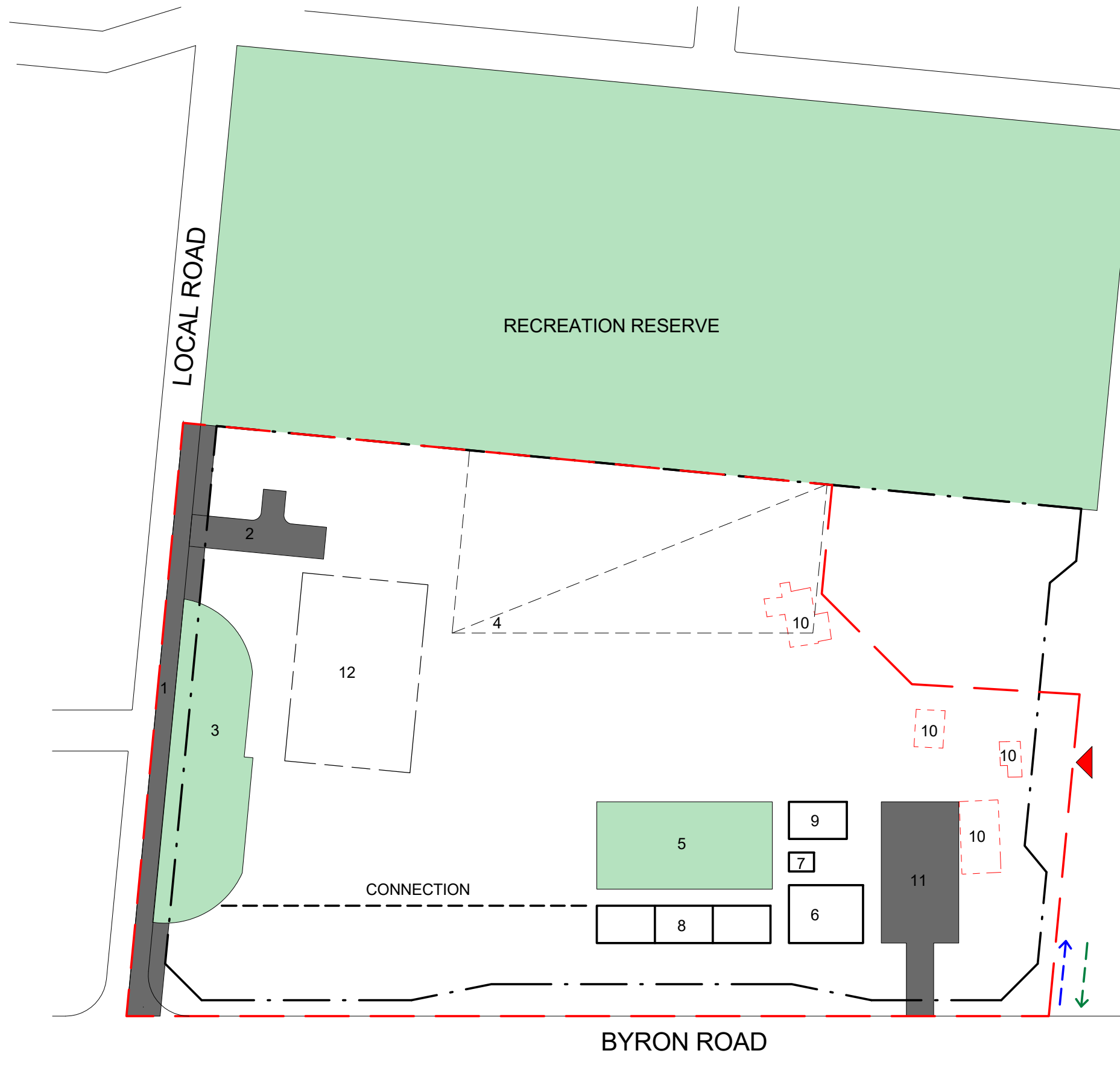
-  FENCING
-  TRAFFIC IN
-  TRAFFIC OUT
-  TRAFFIC ENTRY / CROSSOVER

STAGE 1

1. COMPLETE REMAINING PORTION OF ROAD AND FOOTPATH RESERVE (INCLUDES WORKS RELATING TO CONNECTION WITH BYRON ROAD)
2. LOADING ZONE
3. DROP OFF PARKING AND LANDSCAPING
4. EXCLUSION ZONE FOR WORKS RELATING TO FUTURE PLAY FIELD AND LANDSCAPING.
5. TEMPORARY PLAY FIELD
6. ADMINISTRATION (DEMOUNTABLE)
7. TOILET BLOCK (DEMOUNTABLE)
8. PRIMARY HOME BASES (DEMOUNTABLE)
9. CANTEEN (DEMOUNTABLE)
10. DEMOLISH EXISTING BUILDINGS
11. TEMPORARY STAFF PARKING
12. BASEMENT PARKING EXCAVATION

NOTE:

1. LANDSCAPING REFERS TO RAD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19
C	ISSUE FOR DEVELOPMENT APPLICATION	03.07.19



SCALE	DRAWN BY	CHECKED BY	DATE
1 : 1000 @A3	MC	PR	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 600	C	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 1



LOCAL ROAD

RECREATION RESERVE

TYPICAL CONSTRUCTION LEGEND

-  FENCING
-  TRAFFIC IN
-  TRAFFIC OUT
-  TRAFFIC ENTRY / CROSSOVER

STAGE 2

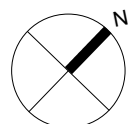
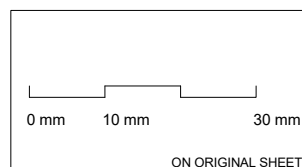
1. DRIVEWAY TO BASEMENT PARKING
2. LANDSCAPING AND OUTDOOR LEARNING AREAS
3. TWO STOREY PRIMARY HOME BASE MODULES WITH BASEMENT PARKING BELOW
4. EXCLUSION ZONE FUTURE PLAY FIELD AND LANDSCAPING.
5. SUBSTATION

 PREVIOUS STAGE

NOTE:

1. LANDSCAPING REFERS TO RAD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

BYRON ROAD



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
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C	ISSUE FOR DEVELOPMENT APPLICATION	03.07.19



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1 : 1000 @A3	MC	PR	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 601	C	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 2



LOCAL ROAD

RECREATION RESERVE

TYPICAL CONSTRUCTION LEGEND

-  FENCING
-  TRAFFIC IN
-  TRAFFIC OUT
-  TRAFFIC ENTRY / CROSSOVER

STAGE 3

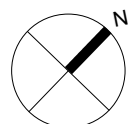
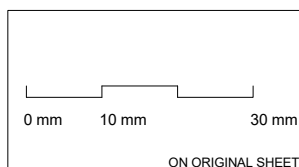
1. PRIMARY COURTYARD
2. CANOPY STRUCTURES
3. TERRACED LEARNING AREA EXCAVATION AND LANDSCAPING
4. BUS BAY, MAIN STREET ENTRY AND LANDSCAPING
5. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING.

 PREVIOUS STAGE

NOTE:

1. LANDSCAPING REFERS TO RAD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

BYRON ROAD



N°.	DESCRIPTION	DATE
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C	ISSUE FOR DEVELOPMENT APPLICATION	03.07.19



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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 602	C	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 3



LOCAL ROAD

RECREATION RESERVE

TYPICAL CONSTRUCTION LEGEND

-  FENCING
-  TRAFFIC IN
-  TRAFFIC OUT
-  TRAFFIC ENTRY / CROSSOVER

STAGE 4

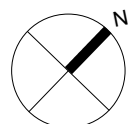
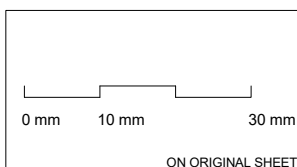
1. TWO STOREY PRIMARY HOME BASE MODULE WITH LINKS AND BASEMENT PARKING
2. TWO STOREY PRIMARY HOME BASE MODULE WITH LINKS
3. LANDSCAPING AND OUTDOOR LEARNING AREAS
4. REMOVE DEMOUNTABLES
5. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING
6. REMOVE TEMPORARY PARKING
7. TEMPORARY PLAY AREA

 PREVIOUS STAGE

NOTE:

1. LANDSCAPING REFERS TO RAD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

BYRON ROAD



N°.	DESCRIPTION	DATE
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C	ISSUE FOR DEVELOPMENT APPLICATION	03.07.19



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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 603	C	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 4



TYPICAL CONSTRUCTION LEGEND

-  FENCING
-  TRAFFIC IN
-  TRAFFIC OUT
-  TRAFFIC ENTRY / CROSSOVER

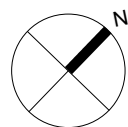
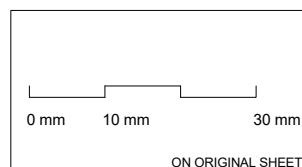
STAGE 5

1. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING
2. LANDSCAPING
3. SECONDARY THREE STOREY LEARNING AREA MODULE WITH BASEMENT PARKING AND LINKS
4. VISITOR PARKING
5. DRIVEWAY TO BASEMENT PARKING
6. SECONDARY DROP OFF AND LANDSCAPING
7. CONSTRUCT LOCAL ROAD (INCLUDES WORKS RELATING TO CONNECTION WITH BYRON ROAD)
8. PLAY FIELD AREA AND LANDSCAPING
9. EARTHWORKS FOR FUTURE PLAY COURT AND HALL

 PREVIOUS STAGE

NOTE:

1. LANDSCAPING REFERS TO RAD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED



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B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19
C	ISSUE FOR DEVELOPMENT APPLICATION	03.07.19



SCALE	DRAWN BY	CHECKED BY	DATE
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 604	C	



GRAN ASSOCIATES AUSTRALIA
ARCHITECTS PTY LTD
LEVEL 1, 597 DARLING STREET
ROZELLE NSW 2039
PH: +61 2 9818 8437
FAX: +61 2 9818 6288
PETER REED ARAIA, AIA NOM ARCH 5377
ANTHONY KEMENY FRAIA NSW REG No. 4599

PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 5



LOCAL ROAD

RECREATION RESERVE

LOCAL ROAD

BYRON ROAD

TYPICAL CONSTRUCTION LEGEND

-  FENCING
-  TRAFFIC IN
-  TRAFFIC OUT
-  TRAFFIC ENTRY / CROSSOVER

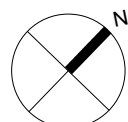
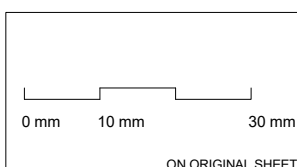
STAGE 6

1. PRIMARY HALL
2. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING
3. SECONDARY PLAY COURT
4. SECONDARY THREE STOREY LEARNING AREA MODULE WITH LINKS
5. LANDSCAPING.
6. REMOVE TEMPORARY PLAY AREA
7. CANOPY STRUCTURES

 PREVIOUS STAGE

NOTE:

1. LANDSCAPING REFERS TO RAD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
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1 : 1000 @A3	MC	PR	November 2018
PROJ. No.	DRAWING No.	REV.	
A1803	DA - 605	C	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 6



TYPICAL CONSTRUCTION LEGEND

- FENCING
- TRAFFIC IN
- TRAFFIC OUT
- TRAFFIC ENTRY / CROSSOVER

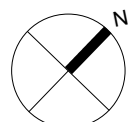
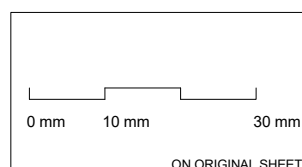
STAGE 7

- KITCHEN GARDEN
- FINAL PLAYGROUND LANDSCAPING AND CANOPY
- THREE STOREY BUILDING: CAFE AND SECONDARY LIBRARY WITH LINK
- FOUR STOREY BUILDING: ADMINISTRATION AND COMMUNITY FACILITIES
- MAIN ENTRY LANDSCAPING AND CANOPY
- PLAY FIELD AND LANDSCAPING

PREVIOUS STAGE

NOTE:

- LANDSCAPING REFERS TO RAD AND SOFT WORKS
- SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19
C	ISSUE FOR DEVELOPMENT APPLICATION	03.07.19



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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 606	C	



PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 7



LOCAL ROAD

RECREATION RESERVE

LOCAL ROAD

BYRON ROAD

TYPICAL CONSTRUCTION LEGEND

-  FENCING
-  TRAFFIC IN
-  TRAFFIC OUT
-  TRAFFIC ENTRY / CROSSOVER

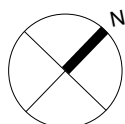
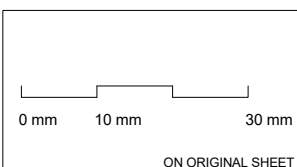
STAGE 8

1. SECONDARY HALL AND LANDSCAPING
2. LOADING ZONE

 PREVIOUS STAGE

NOTE:

1. LANDSCAPING REFERS TO RAD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED



N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19
B	ISSUE FOR DEVELOPMENT APPLICATION	31.05.19
C	ISSUE FOR DEVELOPMENT APPLICATION	03.07.19



SCALE	DRAWN BY	CHECKED BY	DATE
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 607	C	



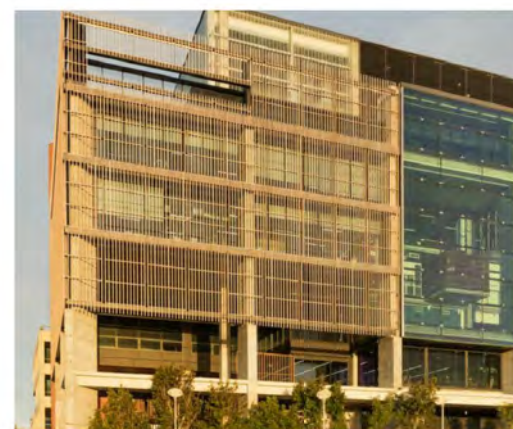
PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
STAGING PLAN STAGE 8



A, B and C: MULTI CELL POLYCARBONITE PANELS + GLAZED WINDOWS ABOVE BRICKWORK (DAY TIME)



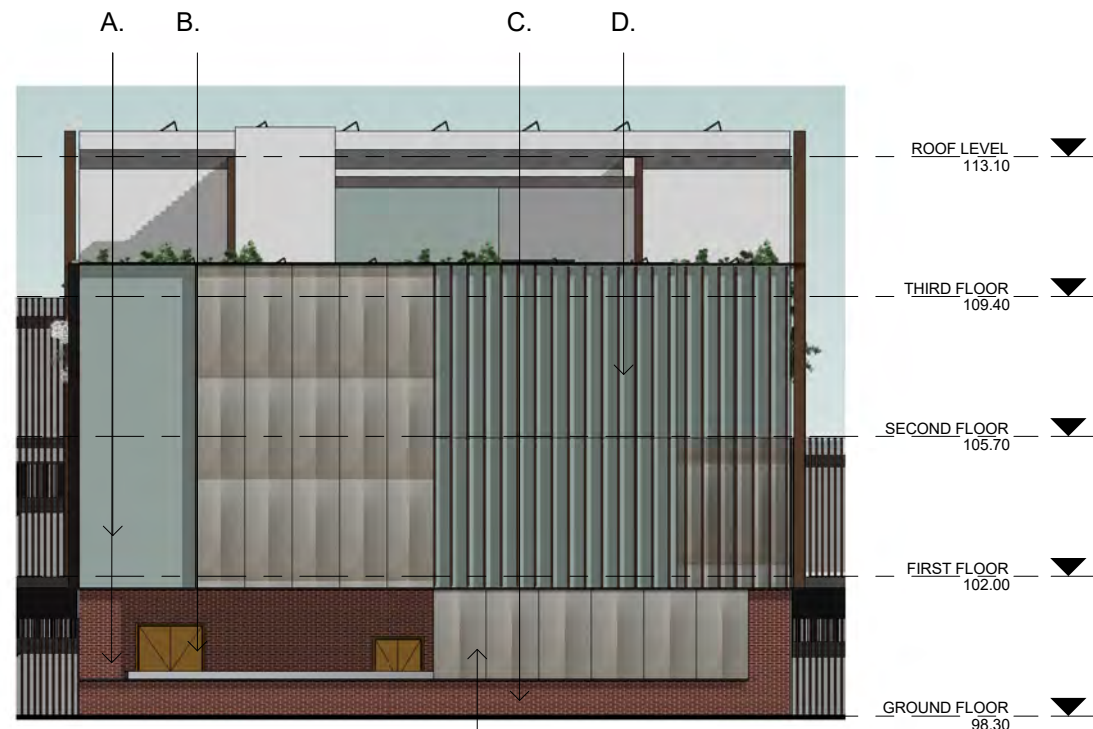
B: MULTI CELL POLYCARBONITE PANELS (DAY TIME)



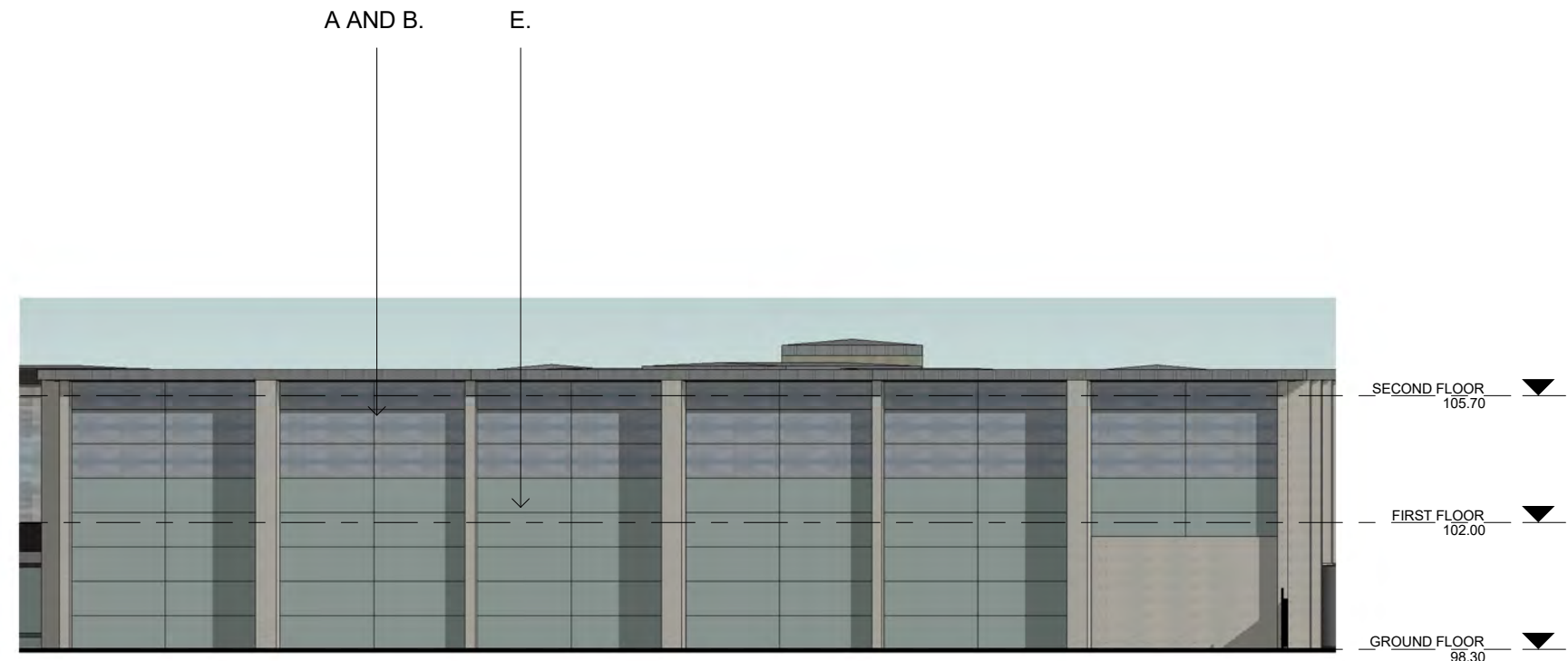
D: ALUMINIUM SCREEN TO GLAZED WALLS



E: OPERABLE GLAZING



1 CAFE/ LIBRARY - NORTH
DA - 800



2 PRIMARY HALL - NORTH
DA - 800

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		A ISSUE FOR DEVELOPMENT APPLICATION	30.04.19		1 : 200 @A3	DM/MC	PR	November 2018
					PROJ. No. A1803	DRAWING No. DA - 800	REV. A	

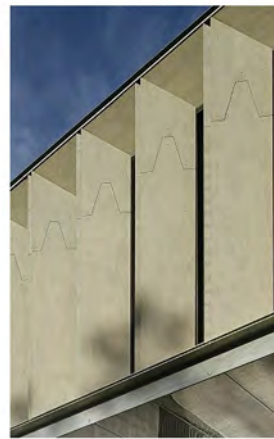
 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: + 61 2 9818 6288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT
	AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
	TITLE: MATERIALS, COLOURS AND PRECEDENTS



A: ALUMINIUM CLADDING TO GLAZED WINDOWS



B: MULTI CELL POLYCARBONATE PANELS



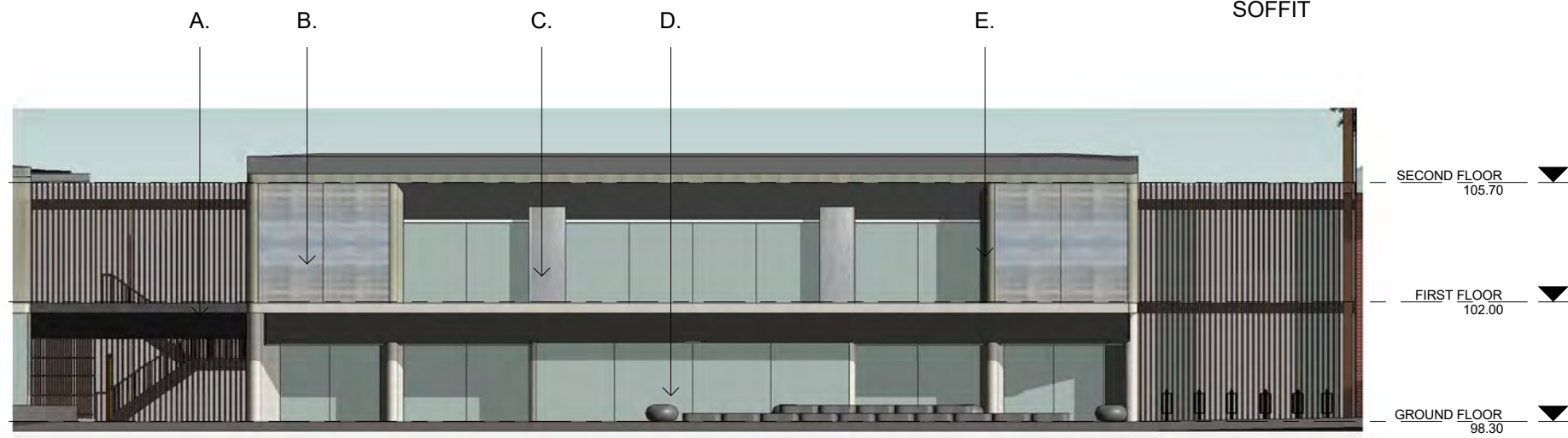
C. CFC CLADDING



D. ALUMINIUM FRAMED SLIDING DOORS TO OUTDOOR PLAY AND LEARNING AREAS. CONCRETE COLUMNS AND SOFFIT



E. ALUMINIUM CLADDING WITH GLASS



1 PRIMARY BASE ROOM - SOUTH
DA - 801



F. CANTILEVERED STRUCTURE



2 PRIMARY SCHOOL - SOUTH
DA - 801

Planning, Industry & Environment

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Granted on: 14 July 2020 Sheet no: 35 of 63

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		A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19		PROJ. No. DRAWING No. REV. A1803 DA - 801 A			AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW		
										TITLE: MATERIALS, COLOURS AND PRECEDENTS	



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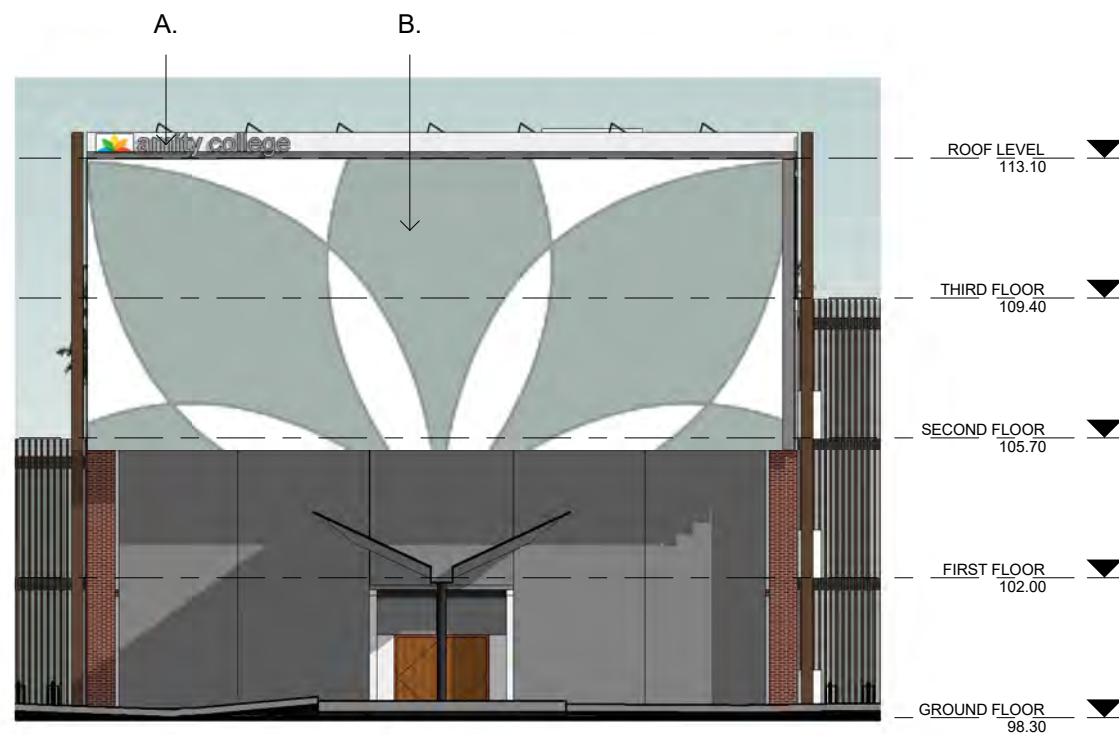
Granted on: 14 July 2020

Sheet no: 36 of 63

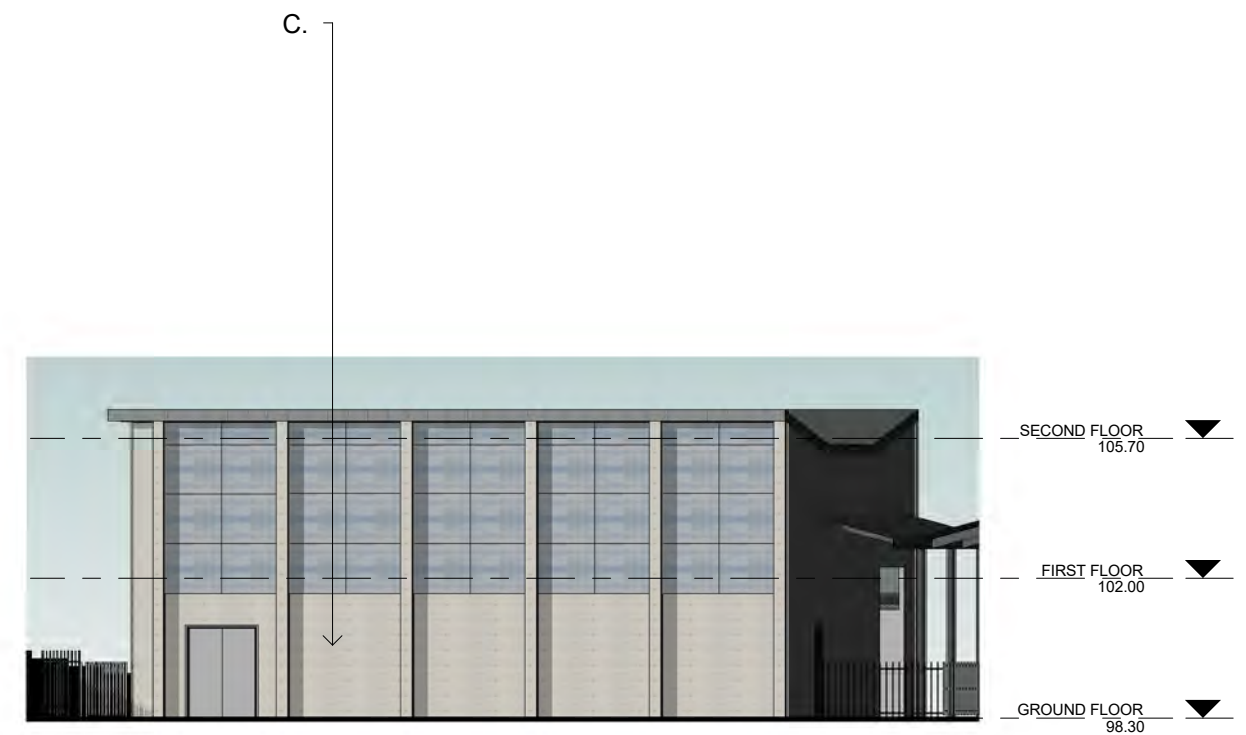
A. ILLUMINATED AMITY COLLEGE SIGN

B. SCHOOL LOGO INTEGRATED TO GLAZING

C. CONCRETE COLUMNS AND WALLS



1 CAFE/ LIBRARY SOUTH
DA - 802



2 PRIMARY HALL - WEST
DA - 802

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		A ISSUE FOR DEVELOPMENT APPLICATION 30.04.19		PROJ. No. DRAWING No. REV.	A1803 DA - 802 A

Gran GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW TITLE: MATERIALS, COLOURS AND PRECEDENTS
--	---



A. ROOF GARDEN



B. SCREEN SURROUND TO CIRCULATION LINKS



C. FABRIC SHADE STRUCTURES



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Approved Application no: SSD-9227

Signed:

Granted on: 14 July 2020

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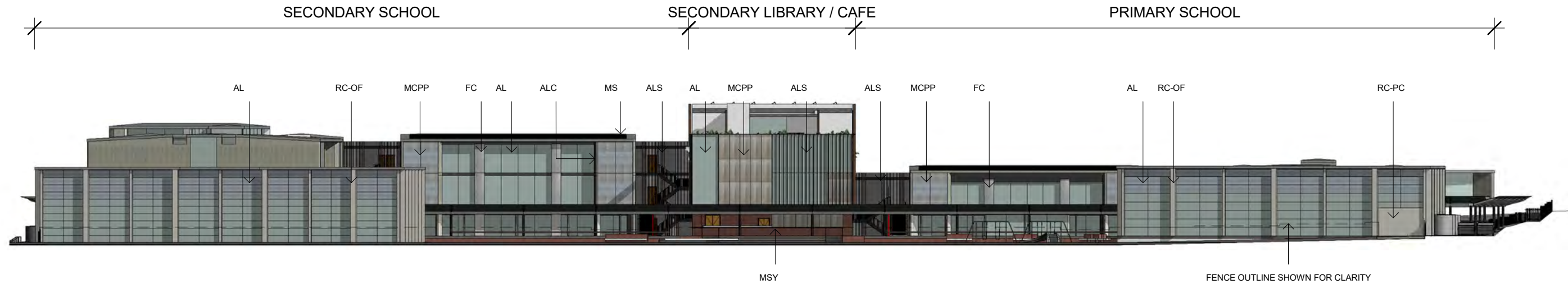
N°.	DESCRIPTION	DATE
A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19



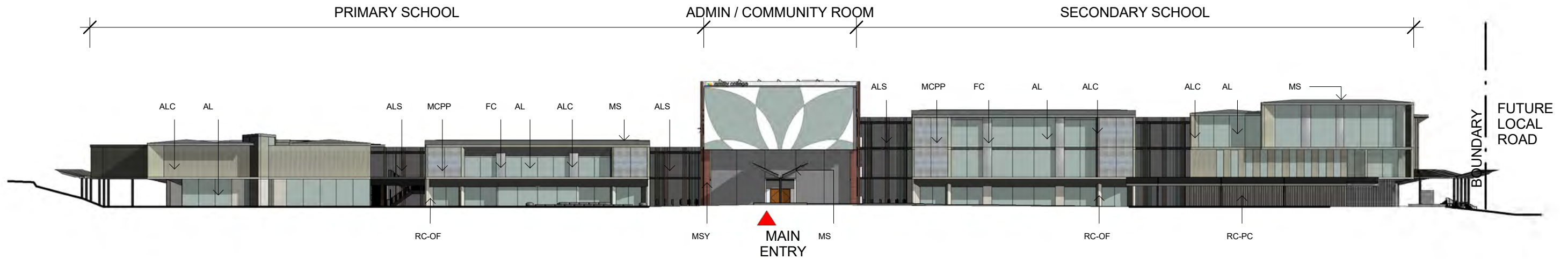
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PROJ. No.	DRAWING No.	REV.	
A1803	DA - 803	A	



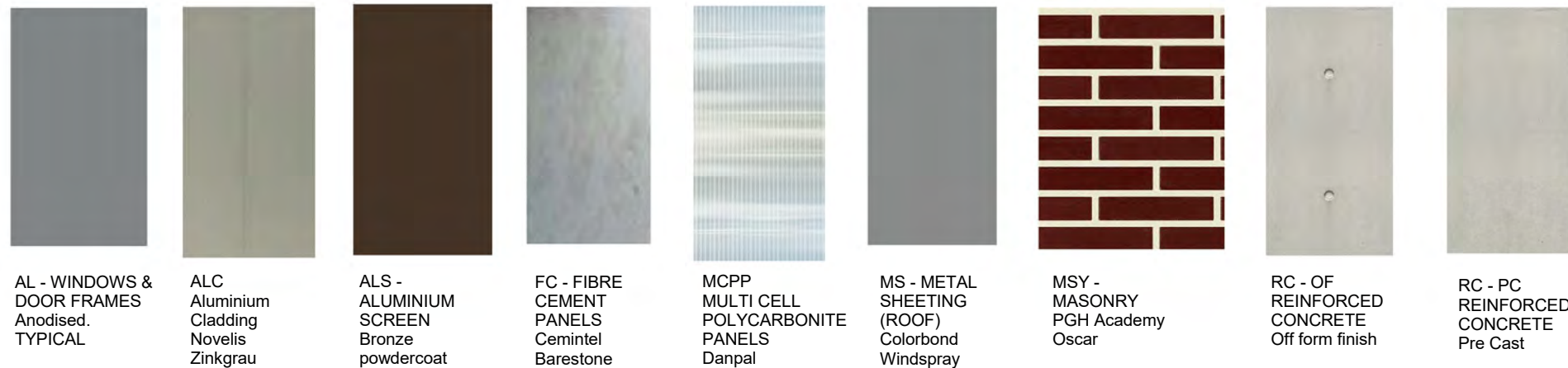
PROJECT
AMITY COLLEGE LEPPINGTON
85 Byron Road, Leppington NSW
TITLE:
MATERIALS, COLOURS AND PRECEDENTS



1 North Elevation
DA - 804
1 : 500



2 South Elevation
DA - 804
1 : 500



**Planning,
Industry &
Environment**

Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227 Signed:

Granted on: 14 July 2020 Sheet no: 38 of 63

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		A	ISSUE FOR DEVELOPMENT APPLICATION	30.04.19		1 : 500 @A3	MC	PR	November 2018
						PROJ. No. A1803	DRAWING No. DA - 804	REV. A	

FOR DEVELOPMENT APPLICATION	
 GRAN ASSOCIATES AUSTRALIA ARCHITECTS PTY LTD LEVEL 1, 597 DARLING STREET ROZELLE NSW 2039 PH: +61 2 9818 8437 FAX: +61 2 9818 8288 PETER REED ARAIA, AIA NOM ARCH 5377 ANTHONY KEMENY FRAIA NSW REG No. 4599	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
	TITLE: MATERIALS & COLOURS SCHEDULE

LANDSCAPE - OVAL



Planning,
Industry &
Environment

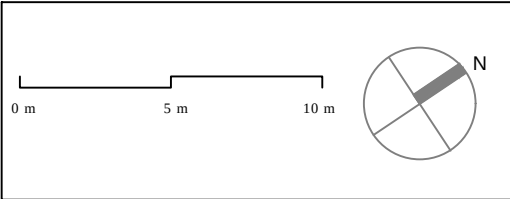
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Sheet no: 40 of 63



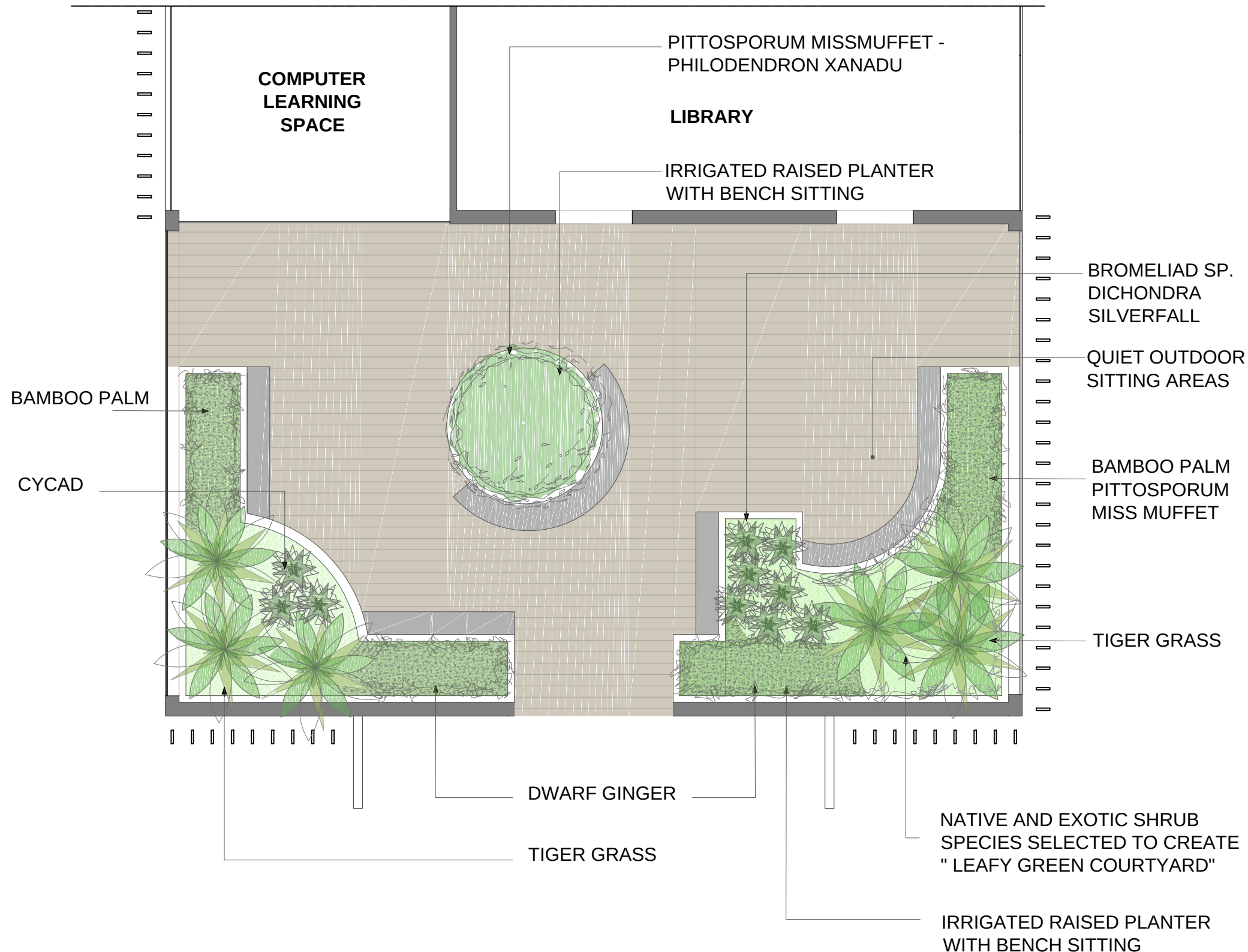
Nº	DESCRIPTION	DATE
A	ISSUE FOR DA	28 - 05 - 19



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PROJ. No	DRAWING No.	REV.	
K23503	LC3/6	A	

 Michael Siu Landscape Architects PO Box 550 Hurstville NSW 1481 michael@msla.com.au 02 9557 9833 0417 280 249	PROJECT
	AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
	TITLE LANDSCAPE - OVAL

LIBRARY TERRACE & PLANT SCHEDULE



INDICATIVE PLANTING SCHEDULE

Name		Mt Size	Pot Size	Density	Qty
Canopy Trees					
Eucalyptus tereticornis*	Forest red gum	18m+	200Litre	As indicated	25No.
Eucalyptus molucanana*	Grey Box	18m+	200Litre	As indicated	25No.
Melaleuca linariifolia*	Snow in Summer	10+	200Litre	As indicated	15No.
Pyrus ussuriensis	Ornamental Pear	8m	200Litre	As indicated	10No
Ulmus parvifolia	Chinese Elm	8m	200Litre	As indicated	10No.
Largerstroemia indica	Crepe Myrtle	6m	200Litre	As indicated	15No.
Sapium sebiferum	Chinese tallowood	8m	200Litre	As indicated	10No.

* Indigenuos Cumberland Plain Woodland Species

Shrubs and Ground Covers

Acacia 'Dazzler'*	Dazzler	0.8m	200mm	3/m2	700No.
Correa alba*	White Correa	1.0m	200mm	3/m2	700No.
Dianella caerulea Breeze*	Paroo Lily	0.6m	100mm	5/m2	650No.
Dichondra 'Silver Falls'*	'Silver Falls'	GCover	150mm	5/m2	650No.
Dietes grandifolia	Fortnight Lily	1.0m	150mm	5/m2	650No.
Doryanthes excelsa*	Gymea Lily	1.5m	300mm	As indicated	100No.
Lomandra tanika*	Tanika	0.8m	150mm	5/m2	650No.
Lomandra verday*	Verday	0.6m	150mm	5/m2	650No.
Melaleuca 'Claret Tops'*	Claret Tops	0.8m	200mm	3/m2	700No.
Myoporum 'Yareena'*	Creeping Myoporum	GCover	150mm	5/m2	650No.
Phylodendron 'Xanadu'	Xanadu	0.5m	200mm	3/m2	700No.
Pittosporum 'Miss Muffet'	Miss Muffet	0.8m	200mm	2/m2	700No.
Poa labillardieri 'Eskdale'*	Miss Tuxford Grass	0.5m	100mm	5/m2	650No.
Themeda australis*	Kangaroo Grass	0.5m	100mm	6/m2	650No.
Trachelospermum jasminoides	Star Jasmine	GCover	200mm	5/m2	650No.
Westringia 'Aussie Box'	Aussie Box	0.8m	200mm	3/m2	700No.

*Native species

Library Courtyard

Alpina nutans	Dwarf Ginger	1.0m	35Litre	As indicated	15No.
Bromeliad alcantarea	Giant Bromeliad	1.0m	35Litre	As indicated	10No.
Cycas revoluta	Cycad	1.0m	35Litre	As indicated	3No.
Dichondra Silver Falls	Silver Falls	GCover	150mm	5/m2	20No.
Philodendron 'Xanadu	Xanadu	0.5m	200mm	3/m2	10No.
Pittosporum Miss Muffet	Miss muffet	0.8m	200mm	2/m2	10No.
Rhaphis excelsa	Bamboo Palm	2.0m	300mm	1/m2	6No.
Thysanolaena maxima	Tiger Grass	3.0m	75Litre	As indicated	6No.

Amity College Leppington – 85 Byron Road Leppington

February 2018



Planning, Industry & Environment

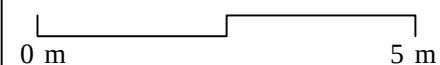
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Granted on: 14 July 2020

Sheet no: 41 of 63



Nº	DESCRIPTION	DATE
A	ISSUE FOR DA	28 - 05 -19



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1 : 100@A3	JG	MS	FEB 201
PROJ. No	DRAWING No.	REV.	
K23503	LC4/6	A	



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02 9557 9833 | 0417 280 249

PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW
TITLE LIBRARY TERRACE & PLANT SCHEDULE

STAGE 1



- Landscape Masterplan implementation Stage 1
- Temporary Landscape Treatment Stage 1
- Tree to be removed
- Tree to be retained

- STAGE 1**
1. COMPLETE REMAINING PORTION OF ROAD AND FOOTPATH RESERVE (INCLUDES WORKS RELATING TO CONNECTION WITH BYRON ROAD)
 2. LOADING ZONE
 3. DROP OFF PARKING AND LANDSCAPING
 4. EXCLUSION ZONE FOR WORKS RELATING TO FUTURE PLAY FIELD AND LANDSCAPING.
 5. TEMPORARY PLAY FIELD
 6. ADMINISTRATION (DEMOUNTABLE)
 7. TOILET BLOCK (DEMOUNTABLE)
 8. PRIMARY HOME BASES (DEMOUNTABLE)
 9. CANTEEN (DEMOUNTABLE)
 10. DEMOLISH EXISTING BUILDINGS
 11. TEMPORARY STAFF PARKING
 12. BASEMENT PARKING EXCAVATION

NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

STAGE 2



- Landscape Masterplan implementation Stage 2
- Landscape Masterplan implementation Stages 1
- Temporary Landscape Treatment Stages 1
- Tree to be removed
- Tree to be retained

- STAGE 2**
1. DRIVEWAY TO BASEMENT PARKING
 2. LANDSCAPING AND OUTDOOR LEARNING AREAS
 3. TWO STOREY PRIMARY HOME BASE MODULES WITH BASEMENT PARKING BELOW
 4. EXCLUSION ZONE FUTURE PLAY FIELD AND LANDSCAPING.
 5. SUBSTATION

NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

STAGE 3



- Landscape Masterplan implementation Stage 3
- Landscape Masterplan implementation Stages 1 - 2
- Temporary Landscape Treatment Stage 3
- Temporary Landscape Treatment Stages 1 - 2
- Tree to be removed
- Tree to be retained

- STAGE 3**
1. PRIMARY COURTYARD
 2. CANOPY STRUCTURES
 3. TERRACED LEARNING AREA EXCAVATION AND LANDSCAPING
 4. BUS BAY, MAIN STREET ENTRY AND LANDSCAPING
 5. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING.

NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

STAGE 4



- Landscape Masterplan implementation Stage 4
- Landscape Masterplan implementation Stages 1 - 3
- Temporary Landscape Treatment Stage 4
- Temporary Landscape Treatment Stages 1 - 3
- Tree to be removed
- Tree to be retained

- STAGE 4**
1. TWO STOREY PRIMARY HOME BASE MODULE WITH LINKS AND BASEMENT PARKING
 2. TWO STOREY PRIMARY HOME BASE MODULE WITH LINKS
 3. LANDSCAPING AND OUTDOOR LEARNING AREAS
 4. REMOVE DEMOUNTABLES
 5. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING
 6. REMOVE TEMPORARY PARKING
 7. TEMPORARY PLAY AREA

NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

N°	DESCRIPTION	DATE
A	ISSUE FOR DA	28 - 05 -19



SCALE	DRAWN BY	CHECKED BY	DATE
NTS	JG	MS	MAY 2019
PROJ. No	DRAWING No.	REV.	
	LC5/6 - K23503	A	

 Michael Siu Landscape Architects PO Box 550 Hurstville NSW 1481 michael@msla.com.au 02 9557 9833 0417 280 249	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW TITLE LANDSCAPE STAGING PLAN
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STAGE 5



- Landscape Masterplan implementation Stage 5
- Landscape Masterplan implementation Stages 1 - 4
- Temporary Landscape Treatment Stage 5
- Temporary Landscape Treatment Stages 1 - 4
- Tree to be removed
- Tree to be retained

STAGE 5

1. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING
2. LANDSCAPING
3. SECONDARY THREE STOREY LEARNING AREA MODULE WITH BASEMENT PARKING AND LINKS
4. VISITOR PARKING
5. DRIVEWAY TO BASEMENT PARKING
6. SECONDARY DROP OFF AND LANDSCAPING
7. CONSTRUCT HALF OF LOCAL ROAD (INCLUDES WORKS RELATING TO CONNECTION WITH BYRON ROAD)
8. PLAY FIELD AREA AND LANDSCAPING
9. EARTHWORKS FOR FUTURE PLAY COURT AND HALL

PREVIOUS STAGE

NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

STAGE 6



- Landscape Masterplan implementation Stage 6
- Landscape Masterplan implementation Stages 1 - 5
- Temporary Landscape Treatment Stage 6
- Temporary Landscape Treatment Stages 1 - 5
- Tree to be removed
- Tree to be retained

STAGE 6

1. PRIMARY HALL
2. EXCLUSION ZONE FOR FUTURE PLAY FIELD AND LANDSCAPING
3. SECONDARY PLAY COURT
4. SECONDARY THREE STOREY LEARNING AREA MODULE WITH LINKS
5. LANDSCAPING
6. REMOVE TEMPORARY PLAY AREA
7. CANOPY STRUCTURES

PREVIOUS STAGE

NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

STAGE 7



- Landscape Masterplan implementation Stage 7
- Landscape Masterplan implementation Stages 1 - 6
- Temporary Landscape Treatment Stages 1 - 6
- Tree to be removed
- Tree to be retained

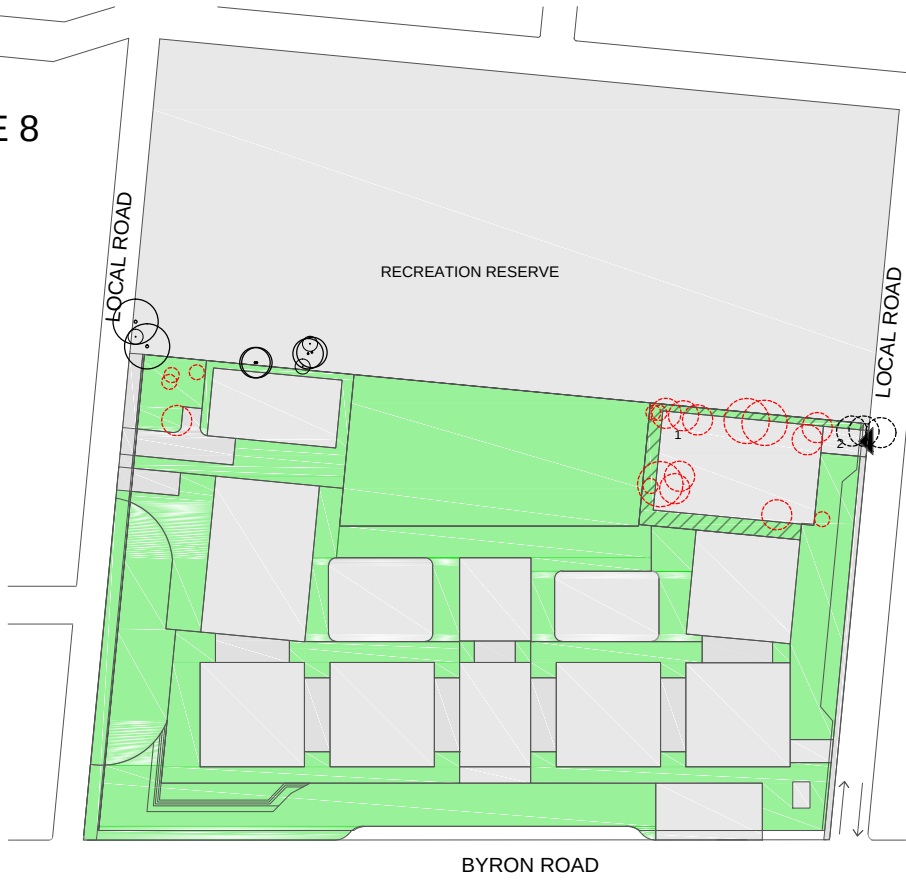
STAGE 7

1. KITCHEN GARDEN
2. FINAL PLAYGROUND LANDSCAPING AND CANOPY
3. THREE STOREY BUILDING: CAFE AND SECONDARY LIBRARY WITH LINK
4. FOUR STOREY BUILDING: ADMINISTRATION AND COMMUNITY FACILITIES
5. MAIN ENTRY LANDSCAPING AND CANOPY
6. PLAY FIELD AND LANDSCAPING

PREVIOUS STAGE

NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

STAGE 8



- Landscape Masterplan implementation Stage 8
- Landscape Masterplan implementation Stages 1 - 7
- Temporary Landscape Treatment Stages 1 - 7
- Tree to be removed
- Tree to be retained

STAGE 8

1. SECONDARY HALL AND LANDSCAPING
2. LOADING ZONE

PREVIOUS STAGE

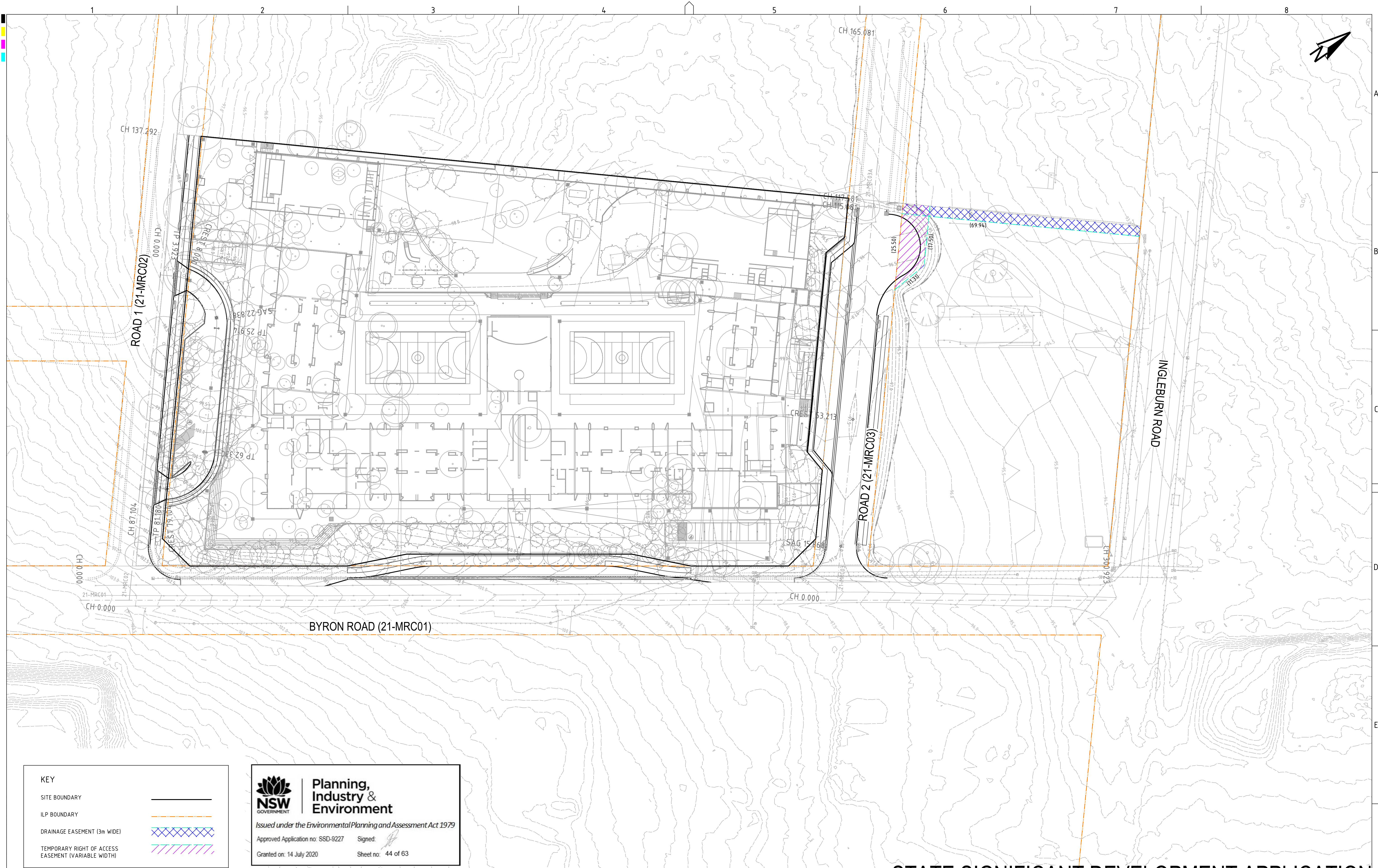
NOTE:
1. LANDSCAPING REFERS TO HARD AND SOFT WORKS
2. SOIL, REMEDIATION, EXCAVATION AND FILL AS REQUIRED

N°	DESCRIPTION	DATE
A	ISSUE FOR DA	28 - 05 -19



SCALE	DRAWN BY	CHECKED BY	DATE
NTS	JG	MS	MAY 2019
PROJ. No	DRAWING No.	REV.	
	LC6/6 - K23503	A	

 Michael Siu Landscape Architects PO Box 550 Hurstville NSW 1481 michael@msla.com.au 02 9557 9833 0417 280 249	PROJECT AMITY COLLEGE LEPPINGTON 85 Byron Road, Leppington NSW TITLE LANDSCAPE STAGING PLAN
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KEY

SITE BOUNDARY

ILP BOUNDARY

DRAINAGE EASEMENT (3m WIDE)

TEMPORARY RIGHT OF ACCESS EASEMENT (VARIABLE WIDTH)

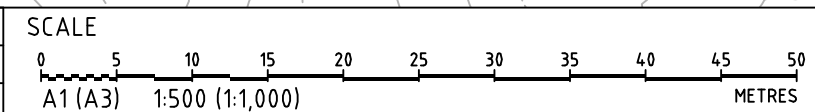
Planning, Industry & Environment

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Granted on: 14 July 2020 Sheet no: 44 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
H	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
G	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH
F	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
C	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH	



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE
PROJECT NAME/PLANSET TITLE			
AMITY COLLEGE LEPPINGTON CAMPUS			
CIVIL WORKS PLAN			
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171			
LOT 1 & 2 DP 525996			
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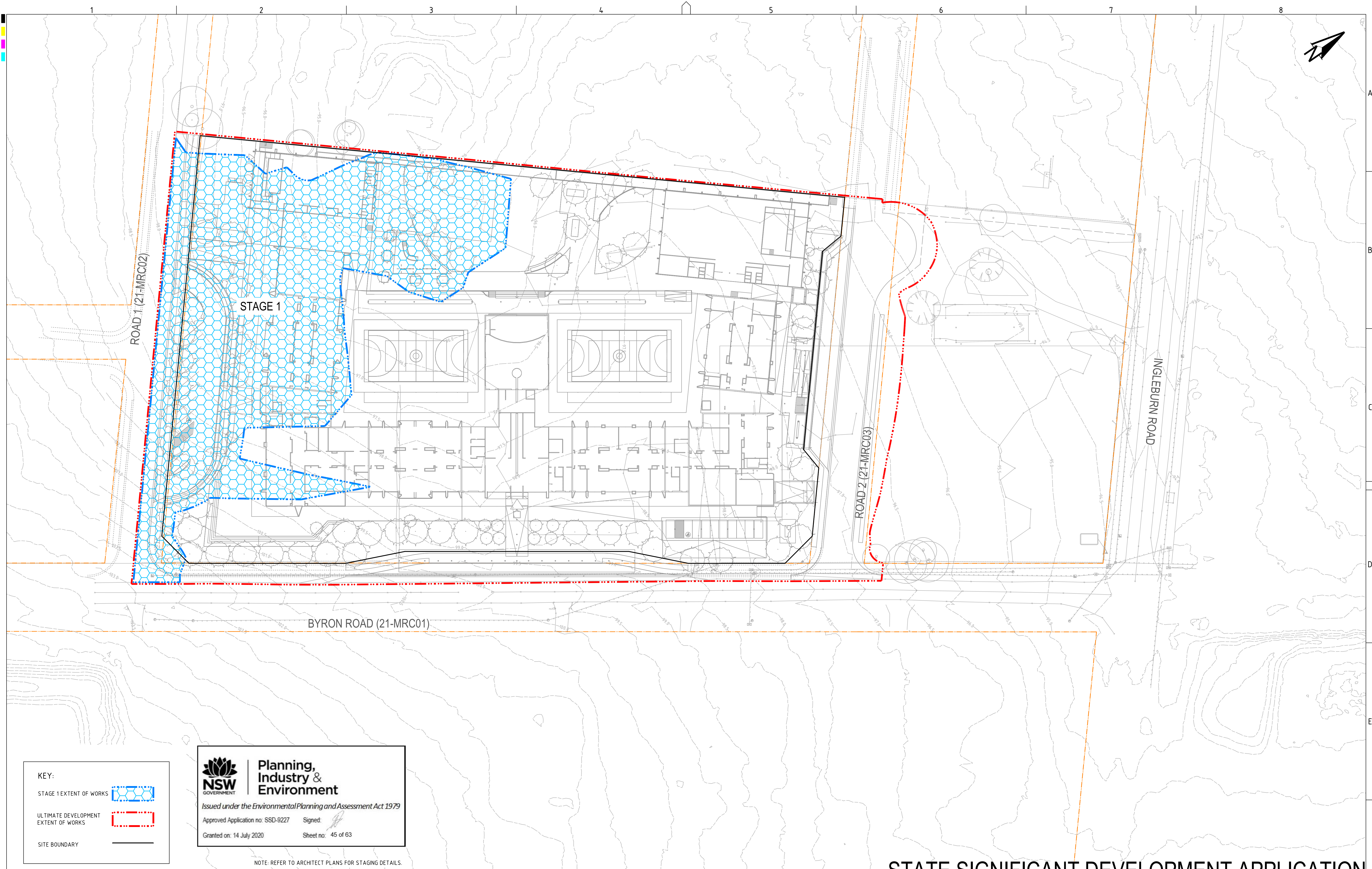
Consulting Engineers

Environment
Water
Geotechnical
Civil

Suite 201, 20 George St, Hornsby, NSW 2077 Australia Phone: (02) 9476 9999 Fax: (02) 9476 8767
Email: mail@martens.com.au Internet: www.martens.com.au

DRAWING TITLE				
DEVELOPMENT OVERVIEW PLAN				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-A050	H

STATE SIGNIFICANT DEVELOPMENT APPLICATION



KEY:

STAGE 1 EXTENT OF WORKS



ULTIMATE DEVELOPMENT
EXTENT OF WORKS



SITE BOUNDARY



Planning,
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Approved Application no: SSD-9227

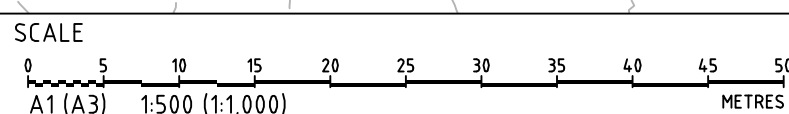
Signed:

Granted on: 14 July 2020

Sheet no: 45 of 63

NOTE: REFER TO ARCHITECT PLANS FOR STAGING DETAILS.

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
H	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
G	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH
F	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
C	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH	



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	
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AMITY COLLEGE

PROJECT NAME/PLANSET TITLE
AMITY COLLEGE LEPPINGTON CAMPUS
CIVIL WORKS PLAN

63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171
LOT 1 & 2 DP 525996



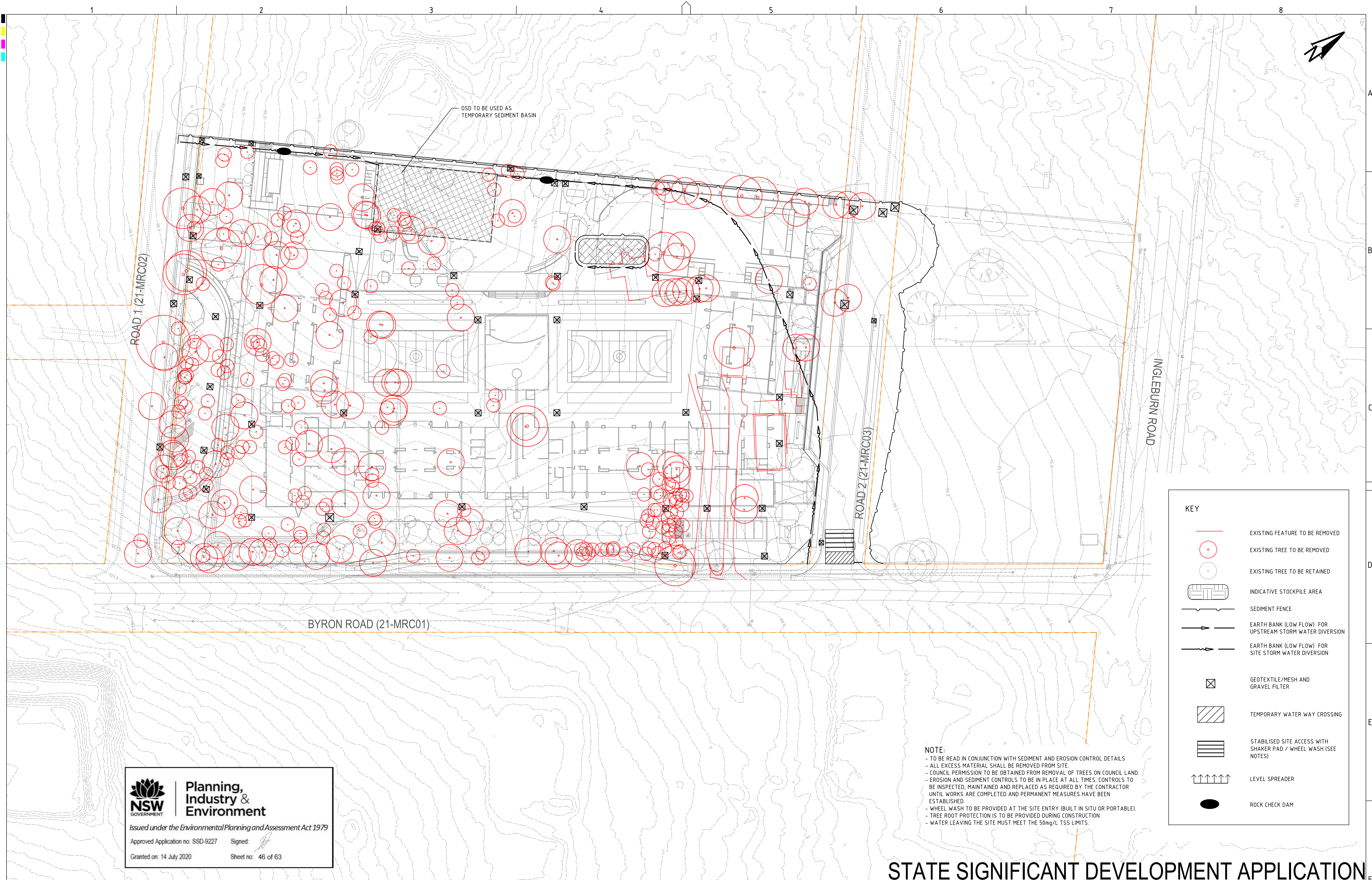
Consulting Engineers

Environment
Water
Geotechnical
Civil

Suite 201, 20 George St, Hornsby, NSW 2077 Australia Phone: (02) 9476 9999 Fax: (02) 9476 8767
Email: mail@martens.com.au Internet: www.martens.com.au

DRAWING TITLE				
STAGE 1 OVERVIEW PLAN				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-B100	H

STATE SIGNIFICANT DEVELOPMENT APPLICATION





**Planning,
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Granted on: 14 July 2020 Sheet no: 46 of 63

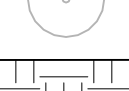
NOTE:

- TO BE READ IN CONJUNCTION WITH SEDIMENT AND EROSION CONTROL DETAILS
- ALL EXCESS MATERIAL SHALL BE REMOVED FROM SITE.
- COUNCIL PERMISSION TO BE OBTAINED FROM REMOVAL OF TREES ON COUNCIL LAND.
- EROSION AND SEDIMENT CONTROLS TO BE IN PLACE AT ALL TIMES. CONTROLS TO BE INSPECTED, MAINTAINED AND REPLACED AS REQUIRED BY THE CONTRACTOR UNTIL WORKS ARE COMPLETED AND PERMANENT MEASURES HAVE BEEN ESTABLISHED.
- WHEEL WASH TO BE PROVIDED AT THE SITE ENTRY (BUILT IN SITU OR PORTABLE).
- TREE ROOT PROTECTION IS TO BE PROVIDED DURING CONSTRUCTION.
- WATER LEAVING THE SITE MUST MEET THE 50mg/L TSS LIMITS.

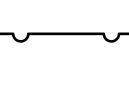
KEY



EXISTING FEATURE TO BE REMOVED



EXISTING TREE TO BE REMOVED



EXISTING TREE TO BE RETAINED



INDICATIVE STOCKPILE AREA



SEDIMENT FENCE



EARTH BANK (LOW FLOW) FOR UPSTREAM STORM WATER DIVERSION



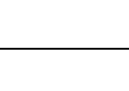
EARTH BANK (LOW FLOW) FOR SITE STORM WATER DIVERSION



GEOTEXTILE/MESH AND GRAVEL FILTER



TEMPORARY WATER WAY CROSSING



STABILISED SITE ACCESS WITH SHAKER PAD / WHEEL WASH (SEE NOTES)



LEVEL SPREADER



ROCK CHECK DAM

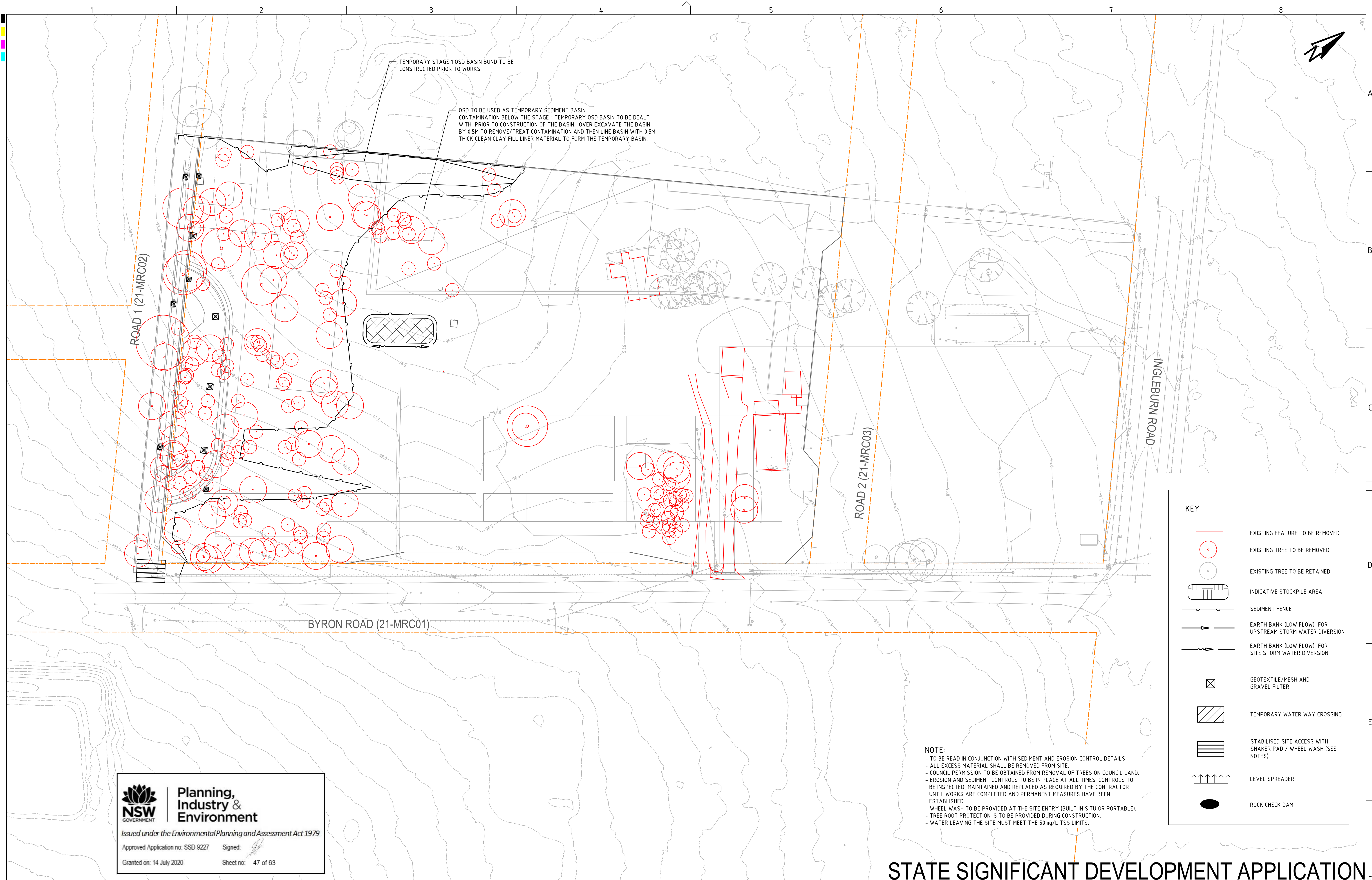
REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD	SCALE	GRID	DATUM	PROJECT MANAGER	CLIENT	 Consulting Engineers Environment Water Geotechnical Civil Suite 201, 20 George St, Hornsby, NSW 2077 Australia Phone: (02) 9476 9999 Fax: (02) 9476 8767 Email: mail@martens.com.au Internet: www.martens.com.au	DRAWING TITLE SEDIMENT & EROSION CONTROL AND CLEARING PLAN (ULTIMATE DEVELOPMENT) <table><tr><td>PROJECT NO.</td><td>PLANSET NO.</td><td>RELEASE NO.</td><td>DRAWING NO.</td><td>REVISION</td></tr><tr><td>P18064.93</td><td>PS01</td><td>R11</td><td>PS01-B300</td><td>I</td></tr></table> DRAWING ID: P18064.93-PS01-R11-B300			PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION	P18064.93	PS01	R11	PS01-B300	I
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION																					
P18064.93	PS01	R11	PS01-B300	I																					
I	DESIGN UPDATE	24/04/2020	LL	AVG/EZ	TH	TH	0 5 10 15 20 25 30 35 40 45 50 A1 (A3) 1:500 (1:1,000) METRES	MGA	mAHD	TH	AMITY COLLEGE					DISCLAIMER & COPYRIGHT This plan must not be used for construction unless signed as approved by principal certifying authority. All measurements in millimetres unless otherwise specified. This drawing must not be reproduced in whole or part without prior written consent of Martens & Associates Pty Ltd. (C) Copyright Martens & Associates Pty Ltd	PROJECT NAME/PLANSET TITLE AMITY COLLEGE LEPPINGTON CAMPUS CIVIL WORKS PLAN 63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171 LOT 1 & 2 DP 525996								
H	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH																			
G	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH																			
F	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH																			
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH																			
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH																			
C	ADDED DRAWING	17/04/2019	HS	HS	CG/DG																				
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG																					

PRINTED: 14/07/2020 11:00 AM

A17_A3 LANDSCAPE (A17C_02.0.01)

DRAWING ID: P18064.93-PS01-R11-B300

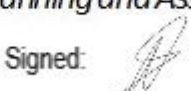
0 5 10 15 20 25 30 35 40 45 50 METRES





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Granted on: 14 July 2020 Sheet no: 47 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD	SCALE	GRID	DATUM	PROJECT MANAGER	CLIENT	DRAWING TITLE	
G	DESIGN UPDATE	24/04/2020	LL	AVG/EZ	TH	TH	0 5 10 15 20 25 30 35 40 45 50 A1 (A3) 1:500 (1:1,000) METRES	MGA	mAHD	TH	AMITY COLLEGE	SEDIMENT & EROSION CONTROL AND CLEARING PLAN (STAGE 1)	
F	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH					AMITY COLLEGE LEPPINGTON CAMPUS CIVIL WORKS PLAN	PROJECT NO.	PLANSET NO.
E	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH					63 INGLESBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171 LOT 1 & 2 DP 525996	P18064.93	PS01
D	MINOR AMENDMENT	12/07/2019	GM	CG/PD	CG/PD	TH						RELEASE NO.	DRAWING NO.
C	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH						R11	PS01-B301
B	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH						REVISION	G
A	ADDED DRAWING	17/04/2019	HS	HS	CG/DG								

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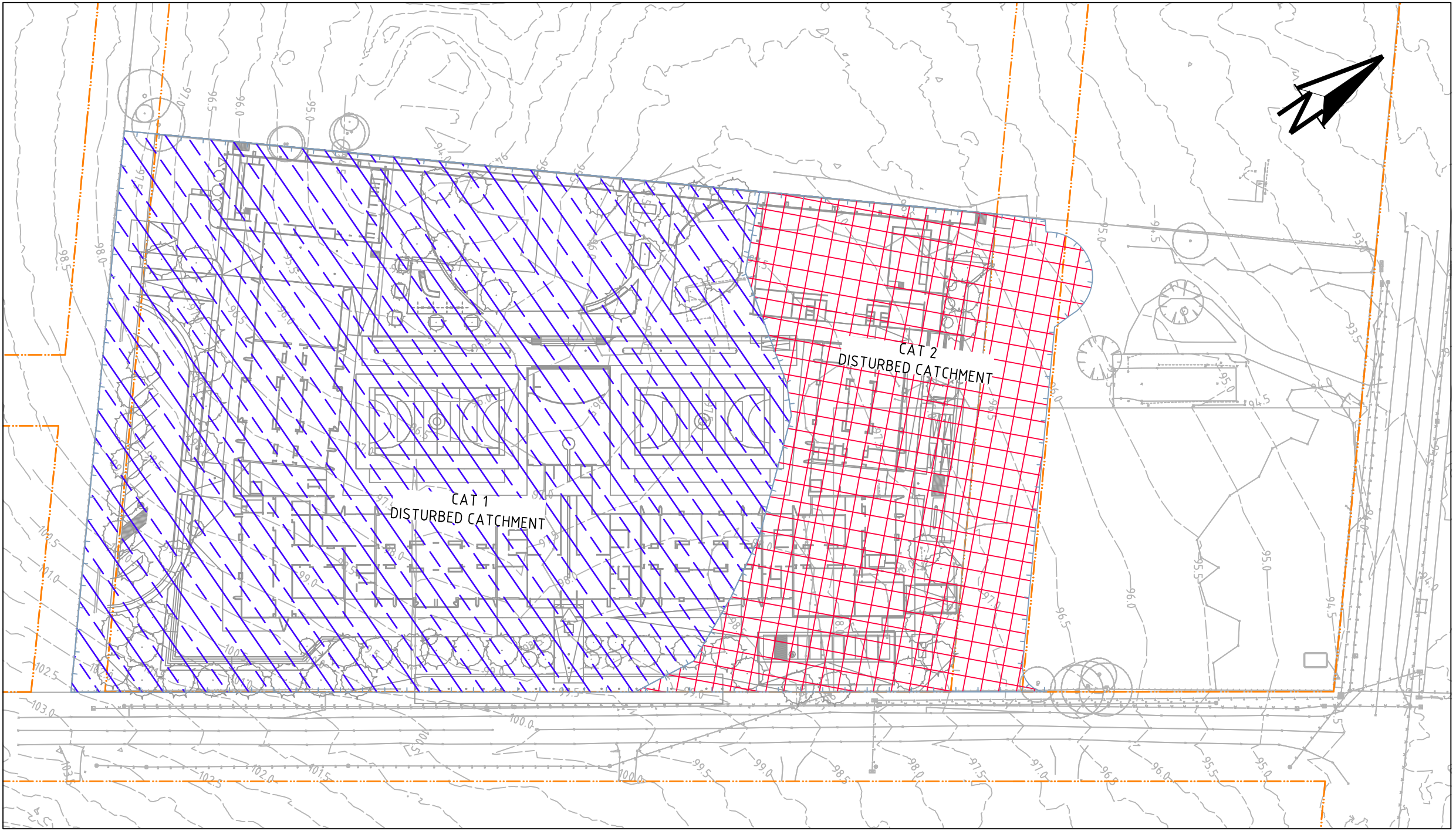
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DRAWING NO.

PS01-B301

DRAWING TITLE

SEDIMENT & EROSION CONTROL AND CLEARING PLAN
(STAGE 1)



Note: These "Detailed Calculation" spreadsheets relate only to high erosion hazard lands as identified in figure 4.6 or where the designer chooses to use the RUSLE to size sediment basins. The "Standard Calculation" spreadsheets should be used on low erosion hazard lands as identified by figure 4.6 and where the designer chooses not to run the RUSLE in calculations.

1. Site Data Sheet

Site Name: P1806493

Site Location: 63 Ingleburn Road & 85 Byron Road, Leppington, NSW

Precinct: N/A

Description of Site: Blacktown (bt) - Penrith Soil Landscape

Site area	Site					Remarks
Total catchment area (ha)	1.77	0.73				
Disturbed catchment area (ha)	1.77	0.73				

Soil analysis						
% sand (fraction 0.02 to 2.00 mm)	5	5				Soil texture should be assessed through mechanical dispersion only. Dispersing agents (e.g. Calgon) should not be used
% silt (fraction 0.002 to 0.02 mm)	30	30				
% clay (fraction finer than 0.002 mm)	65	65				
Dispersion percentage	15.0	15.0				E.g. enter 10 for dispersion of 10%
% of whole soil dispersible	12	12				See Section 6.3.3(e)
Soil Texture Group	D	D				See Section 6.3.3(c), (d) and (e)

Rainfall data						
Design rainfall depth (days)	6	6				See Sections 6.3.4 (d) and (e)
Design rainfall depth (percentile)	75	75				See Sections 6.3.4 (f) and (g)
x-day, y-percentile rainfall event	21.84	21.84				See Section 6.3.4 (h)
Rainfall intensity: 2-year, 6-hour storm	9.7	9.7				See IFD chart for the site

RUSLE Factors						
Rainfall erosivity (R-factor)	2100	2100	0	0	0	Automatic calculation from above data
Soil erodibility (K-factor)	0.038	0.038				
Slope length (m)	140	130				
Slope gradient (%)	5.5	3				RUSLE data can be obtained from Appendices A, B and C
Length/gradient (LS-factor)	1.84	0.81				
Erosion control practice (P-factor)	1.3	1.3				
Ground cover (C-factor)	1	1				

Calculations						
Soil loss (t/ha/yr)	191	84				
Soil Loss Class	2	1				See Section 4.4.2(b)
Soil loss (m ³ /ha/yr)	147	65				
Soil loss (m ³ /yr)	260	47				Noted Cat 2 does not require sedimentation basin due to Soil Loss per year < 150 m ³ /yr
Sediment basin storage volume, m ³	44	8				See Sections 6.3.4(i) and 6.3.5 (e)

2. Storm Flow Calculations

Peak flow is given by the Rational Formula:

$$Q_p = 0.00278 \times C_{10} \times F_y \times I_{y,tc} \times A$$

where: Q_p is peak flow rate (m³/sec) of average recurrence interval (ARI) of "y" years
 C_{10} is the runoff coefficient (dimensionless) for ARI of 10 years. Rural runoff coefficients are given in Volume 2, figure 5 of Pilgrim (1998), while urban runoff coefficients are given in Volume 1, Book VIII, figure 1.13 of Pilgrim (1998) and construction runoff coefficients are given in Appendix F
 F_y is a frequency factor for "y" years. Rural values are given in Volume 1, Book IV, Table 1.1 of Pilgrim (1998) while urban coefficients are given in Volume 1, Book VIII, Table 1.6 of Pilgrim (1998)
 A is the catchment area in hectares (ha)
 $I_{y,tc}$ is the average rainfall intensity (mm/hr) for an ARI of "y" years and a design duration of "tc" (minutes or hours)

$$\text{Time of concentration (t}_c\text{)} = 0.76 \times (A/100)^{0.38} \text{ hrs (Volume 1, Book IV of Pilgrim, 1998)}$$

Note: For urban catchments the time of concentration should be determined by more precise calculations or reduced by a factor of 50 per cent.

Peak flow calculations, 1

Site	A (ha)	t _c (mins)	Rainfall intensity, I, mm/hr						C ₁₀
			1 yr.t _c	5 yr.t _c	10 yr.t _c	20 yr.t _c	50 yr.t _c	100 yr.t _c	
CAT 1	1.77	10	58.5	96.4	109	125.5	146	162.4	0.83

Peak flow calculations, 2

ARI (yrs)	Frequency factor (F _y)	Peak flows					Comment
		CAT 1 (m ³ /s)	(m ³ /s)	(m ³ /s)	(m ³ /s)	(m ³ /s)	
1 yr.t _c	0.8	0.191					
5 yr.t _c	0.95	0.374					
10 yr.t _c	1	0.445					
20 yr.t _c	1.05	0.538					
50 yr.t _c	1.15	0.686					
100 yr.t _c	1.2	0.796					

4. Volume of Sediment Basins, Type D and Type F Soils

$$\text{Basin volume} = \text{settling zone volume} + \text{sediment storage zone volume}$$

Settling Zone Volume

The settling zone volume for Type F and Type D soils is calculated to provide capacity to contain all runoff expected from up to the y-percentile rainfall event. The volume of the basin's settling zone (V) can be determined as a function of the basin's surface area and depth to allow for particles to settle and can be determined by the following equation:

$$V = 10 \times C_v \times A \times R_{x\text{-day}, y\text{-}\%ile} \text{ (m}^3\text{)}$$

where:

$$10 = \text{a unit conversion factor}$$

C_v = the volumetric runoff coefficient defined as that portion of rainfall that runs off as stormwater over the x-day period

$R_{x\text{-day}, y\text{-}\%ile}$ = is the x-day total rainfall depth (mm) that is not exceeded in y percent of rainfall events. (See Sections 6.3.4(d), (e), (f), (g) and (h)).

$$A = \text{total catchment area (ha)}$$

Sediment Storage Zone Volume

In the detailed calculation on Soil Loss Classes 1 to 4 lands, the sediment storage zone can be taken as 50 percent of the settling zone capacity. Alternately designers can design the zone to store the 2-month soil loss as calculated by the RUSLE (Section 6.3.4(i)(ii)). However, on Soil Loss Classes 5, 6 and 7 lands, the zone must contain the 2-month soil loss as calculated by the RUSLE (Section 6.3.4(i)(iii)).

Place an "X" in the box below to show the sediment storage zone design parameters used here:

☐	50% of settling zone capacity,
☒	2 months soil loss calculated by RUSLE

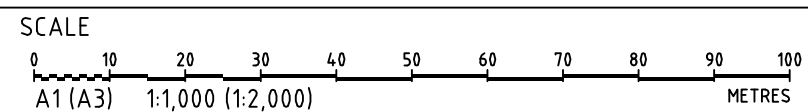
Total Basin Volume

Site	C _v	R _{x-day, y-%ile}	Total catchment area (ha)	Settling zone volume (m ³)	Sediment storage volume (m ³)	Total basin volume (m ³)
CAT 1	0.35	21.84	1.77	135.2988	44	179.2988

NOTE: SOURCED FROM LANDCOM BLUE BOOK.

STATE SIGNIFICANT DEVELOPMENT APPLICATION

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A	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE
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PROJECT NAME/PLANSSET TITLE
AMITY COLLEGE LEPPINGTON CAMPUS CIVIL WORKS PLAN
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171 LOT 1 & 2 DP 525996

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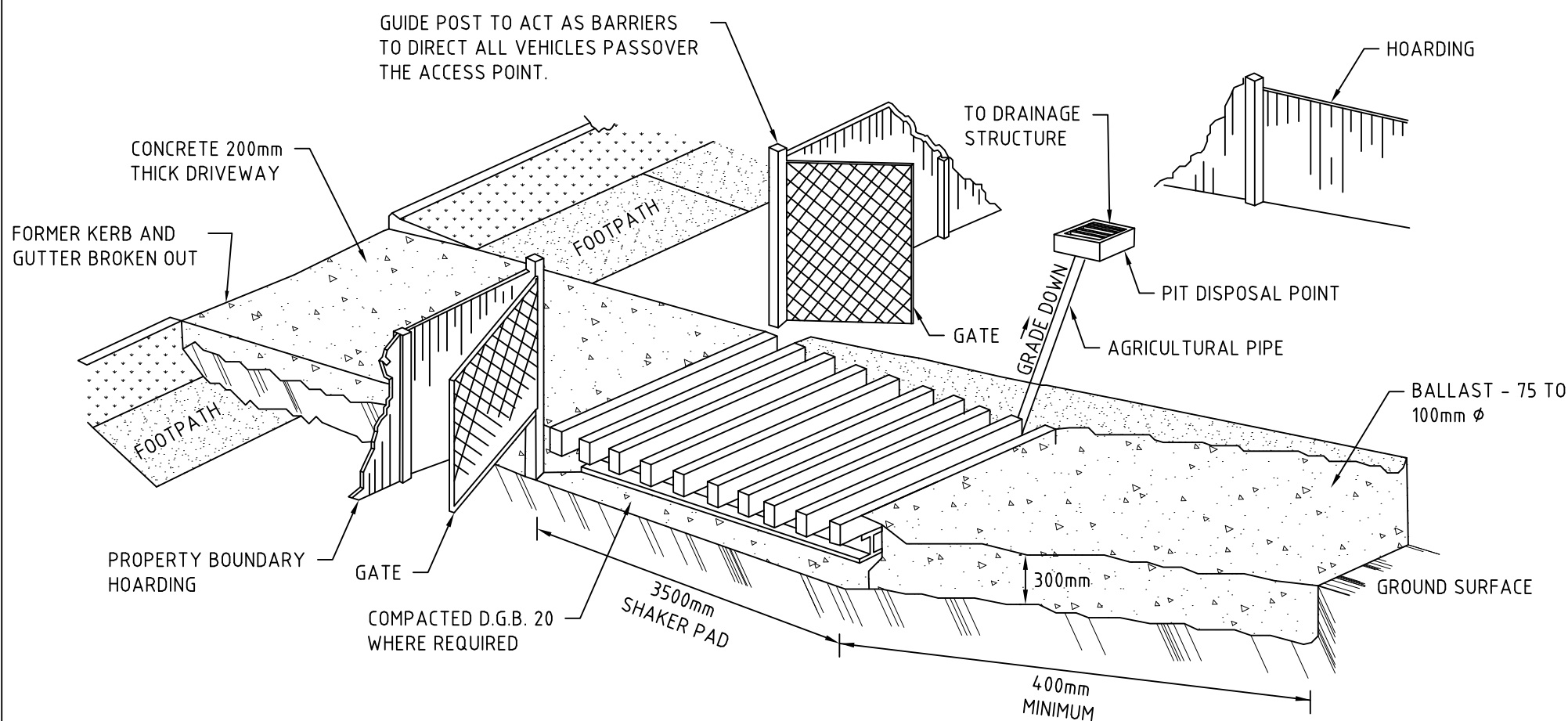
DRAWING TITLE				
SEDIMENT & EROSION CONTROL RUSLE CALCULATION				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1806493	PS01	R11	PS01-B305	B

STABILISED ACCESS POINT

TYPE II SAP

THE TYPE II SAP DESIGN IS MORE DEFINED IN THAT IT REQUIRES AN AREA OF BALLAST WITHIN THE SITE COMBINED WITH A SHAKER PAD; ADJACENT THE SHAKER PAD AND IN THE PUBLIC WAY IS A TEMPORARY (CONCRETE) VEHICULAR CROSSING. (SEE DIAGRAM)

STABILISED ACCESS POINT – TYPE 2



IN BOTH TYPE I AND TYPE II SAP'S, THE TEMPORARY VEHICULAR CROSSING MUST: CONNECT TO AN EXISTING GUTTER LAYBACK (WHERE THE KERB AND GUTTER EXIST). IF A GUTTER LAYBACK DOES NOT EXIST THEN THE CONNECTION MUST BE MADE TO THE GUTTER BY REMOVING THE ADJACENT KERB SECTION ONLY. CONNECT TO A DISH CROSSING (WHERE KERB AND GUTTER DOES NOT EXIST). IF A DISH CROSSING DOES NOT EXIST, THEN IT MUST BE CONSTRUCTED IN ACCORDANCE WITH DETAILS CONTAINED IN COUNCIL'S ISSUED FOOTPATH CROSSING LEVELS.

IT SHOULD BE NOTED THAT THESE TYPES OF SAPS ARE CONSIDERED TO BE APPLICABLE FOR THE MAJORITY OF ACTIVITIES HOWEVER SOME SITES MAY REQUIRE SPECIAL CONSIDERATION.

WHEEL WASH (BUILT IN OR PORTABLE) TO BE PROVIDED AS PART OF STABILISED ACCESS POINT.

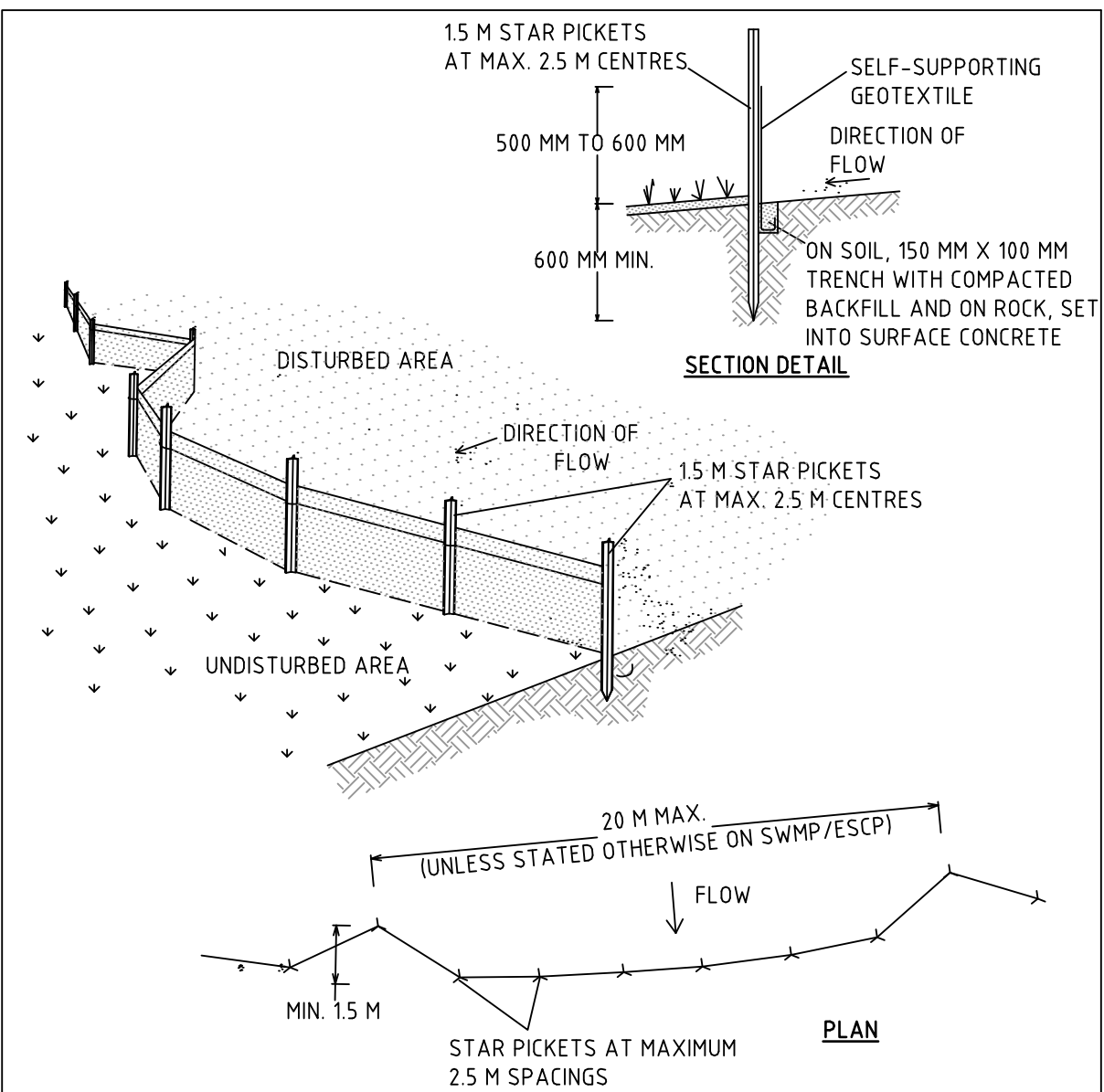
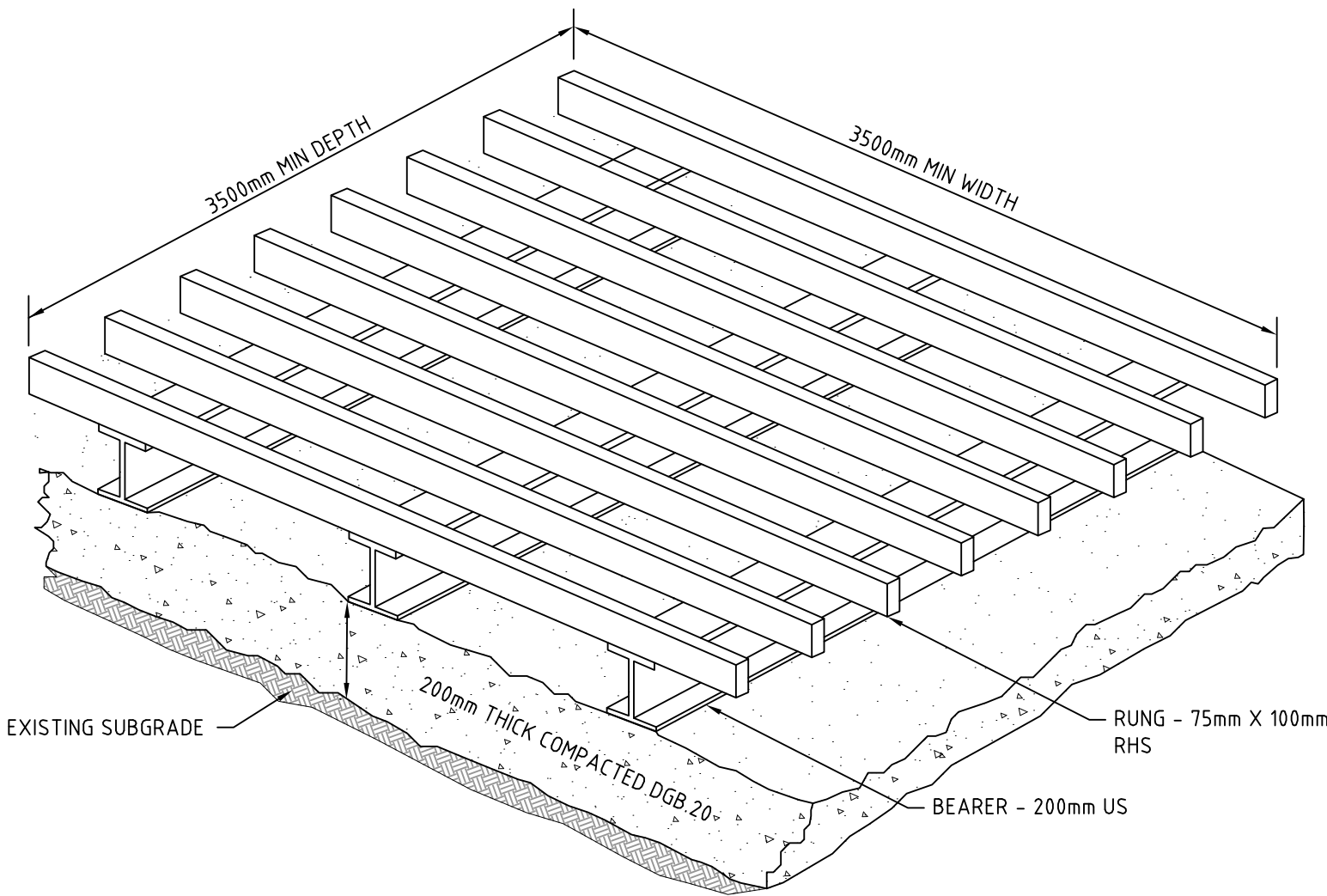
SHAKER PAD (CATTLE GRID)

A CORRECTLY DESIGNED AND INSTALLED SHAKER PAD WILL ASSIST IN PREVENTING SEDIMENT TRANSFER FROM A SITE. ANY STABILISED ACCESS POINT (SAP) CAN BE DESIGNED WITH A SHAKER PAD (COMPULSORY IN TYPE II SAP'S)

SHAKER PADS CAN BE DESIGNED AND CONSTRUCTED TO ENABLE RE-USE ON FUTURE PROJECTS. THE SHAKER PAD:

- MUST BE DESIGNED AND CERTIFIED BY A PRACTICING STRUCTURAL ENGINEER. THE CERTIFIED DESIGN SHOULD BE SUBMITTED WITH THE RELEVANT APPLICATION.
- CAN BE CONSTRUCTED FROM ANY SUITABLE MATERIAL.
- MUST BE LOCATED ON A SUITABLY PREPARED AND COMPACTED SUB-GRADE/BASE MATERIAL.
- MUST BE SITUATED SUCH THAT THE RUNGS OF THE SHAKER PAD ARE LEVEL WITH THE ADJOINING NATURAL SURFACE.
- MUST BE A MINIMUM OF 3.5M IN LENGTH.
- MUST BE A MINIMUM OF 3.5M IN WIDTH.
- MUST HAVE CLEAR SPACING BETWEEN RUNGS OF 200 - 250mm.
- RUNGS MUST HAVE A MAXIMUM WIDTH (BEARING AREA) OF 75mm.
- MUST HAVE A MINIMUM CLEAR DEPTH OF 300mm IE FORM THE TOP OF THE RUNG TO THE FINISHED SUB-GRADE/BASE LEVEL.

THE SHAKER PAD MUST BE PROVIDED WITH SUITABLE BARRIERS AT THE SIDES TO ENSURE THAT ALL TYERS OF VEHICLES LEAVING THE SITE TRAVERSE THE DEVICE.

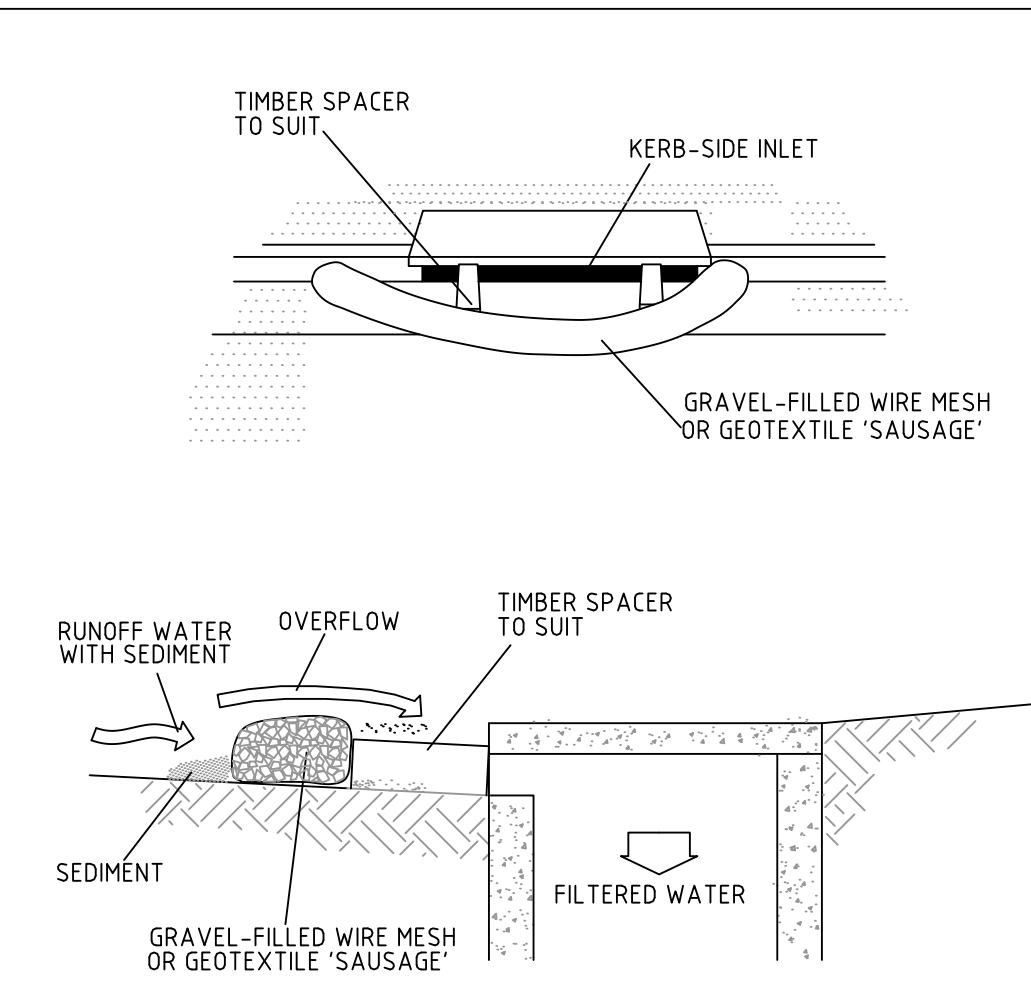


CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
2. CUT A 150-MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 15 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150-MM OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE

SD 6-8



NOTE: THIS PRACTICE ONLY TO BE USED WHERE SPECIFIED IN AN APPROVED SWMP/ESCP.

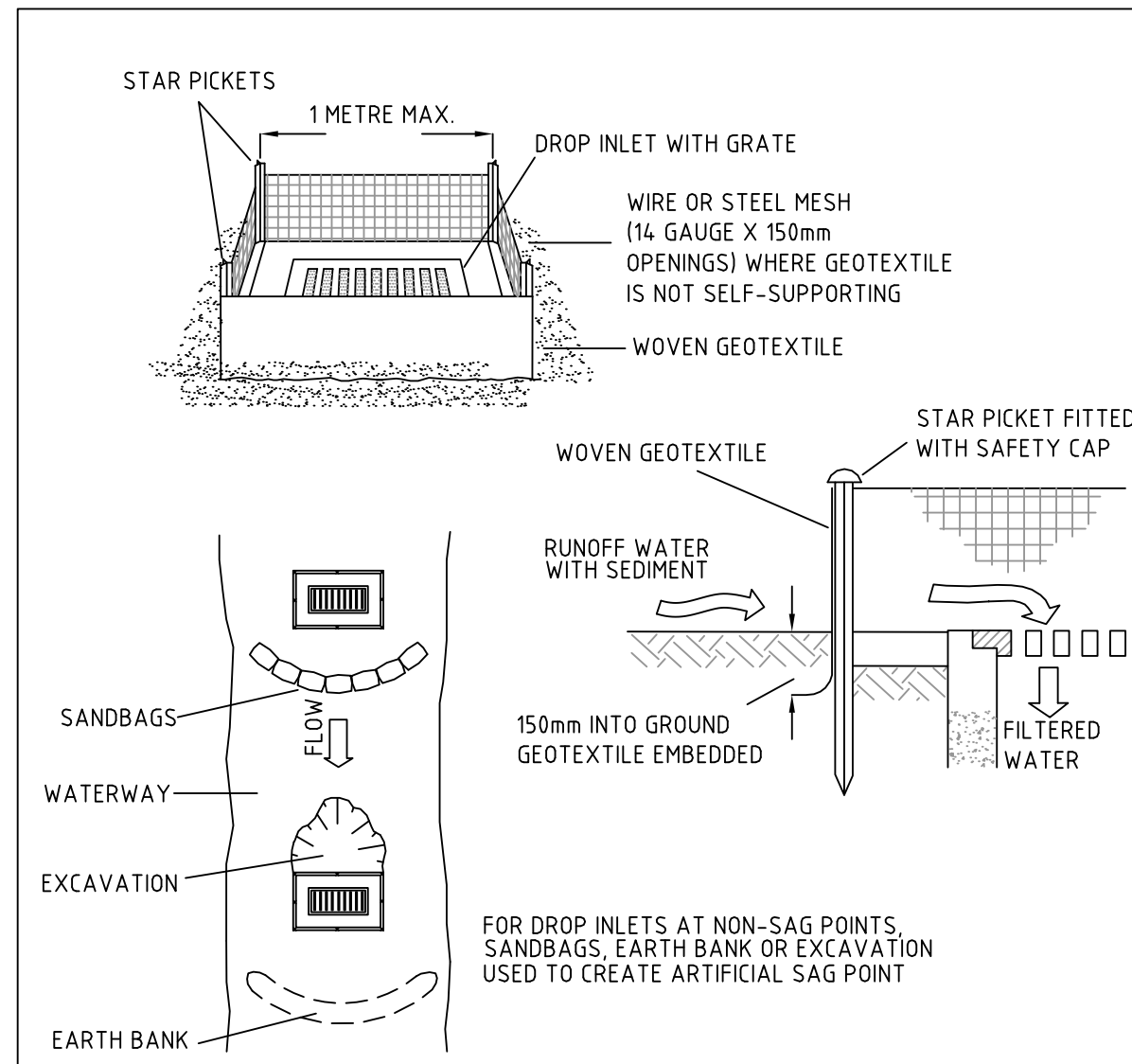
CONSTRUCTION NOTES

1. INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
2. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH X 400mm WIDE.
4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100-mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

MESH AND GRAVEL INLET FILTER



SD 6-11



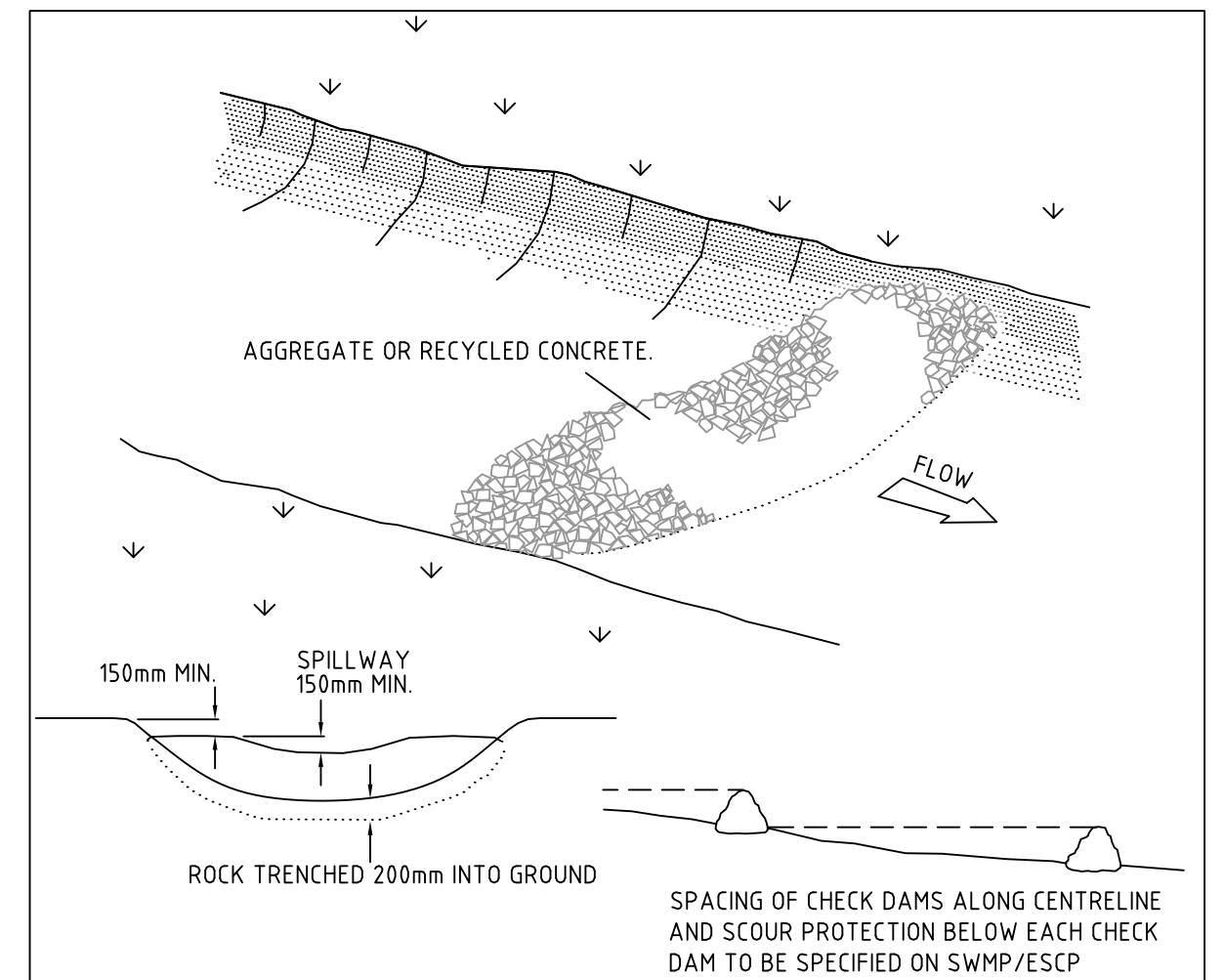
CONSTRUCTION NOTES

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. FOLLOW STANDARD DRAWING 6-7 AND STANDARD DRAWING 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER



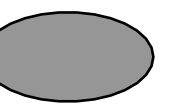
SD 6-12



CONSTRUCTION NOTES

1. CHECK DAMS CAN BE BUILT WITH VARIOUS MATERIALS, INCLUDING ROCKS, LOGS, SANDBAGS AND STRAW BALES. THE MAINTENANCE PROGRAM SHOULD ENSURE THEIR INTEGRITY IS RETAINED, ESPECIALLY WHERE CONSTRUCTED WITH STRAW BALES. IN THE CASE OF BALES, THIS MIGHT REQUIRE THEIR REPLACEMENT EACH TWO TO FOUR MONTHS.
2. TRENCH THE CHECK DAM 200mm INTO THE GROUND ACROSS ITS WHOLE WIDTH. WHERE ROCK IS USED, FILL THE TRENCHES TO AT LEAST 100mm ABOVE THE GROUND SURFACE TO REDUCE THE RISK OF UNDERCUTTING.
3. NORMALLY, THEIR MAXIMUM HEIGHT SHOULD NOT EXCEED 600mm ABOVE THE GULLY FLOOR. THE CENTRE SHOULD ACT AS A SPILLWAY, BEING AT LEAST 150mm LOWER THAN THE OUTER EDGES.
4. SPACE THE DAMS SO THE TOE OF THE UPSTREAM DAM IS LEVEL WITH THE SPILLWAY OF THE NEXT DOWNSTREAM DAM.

ROCK CHECK DAM



SD 5-4

STATE SIGNIFICANT DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPROVED	SCALE
C	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH	
B	ADDED DRAWING	17/04/2019	HS	HS	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH		

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GRID	DATUM	PROJECT MANAGER	CLIENT
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LOT 1 & 2 DP 525996			



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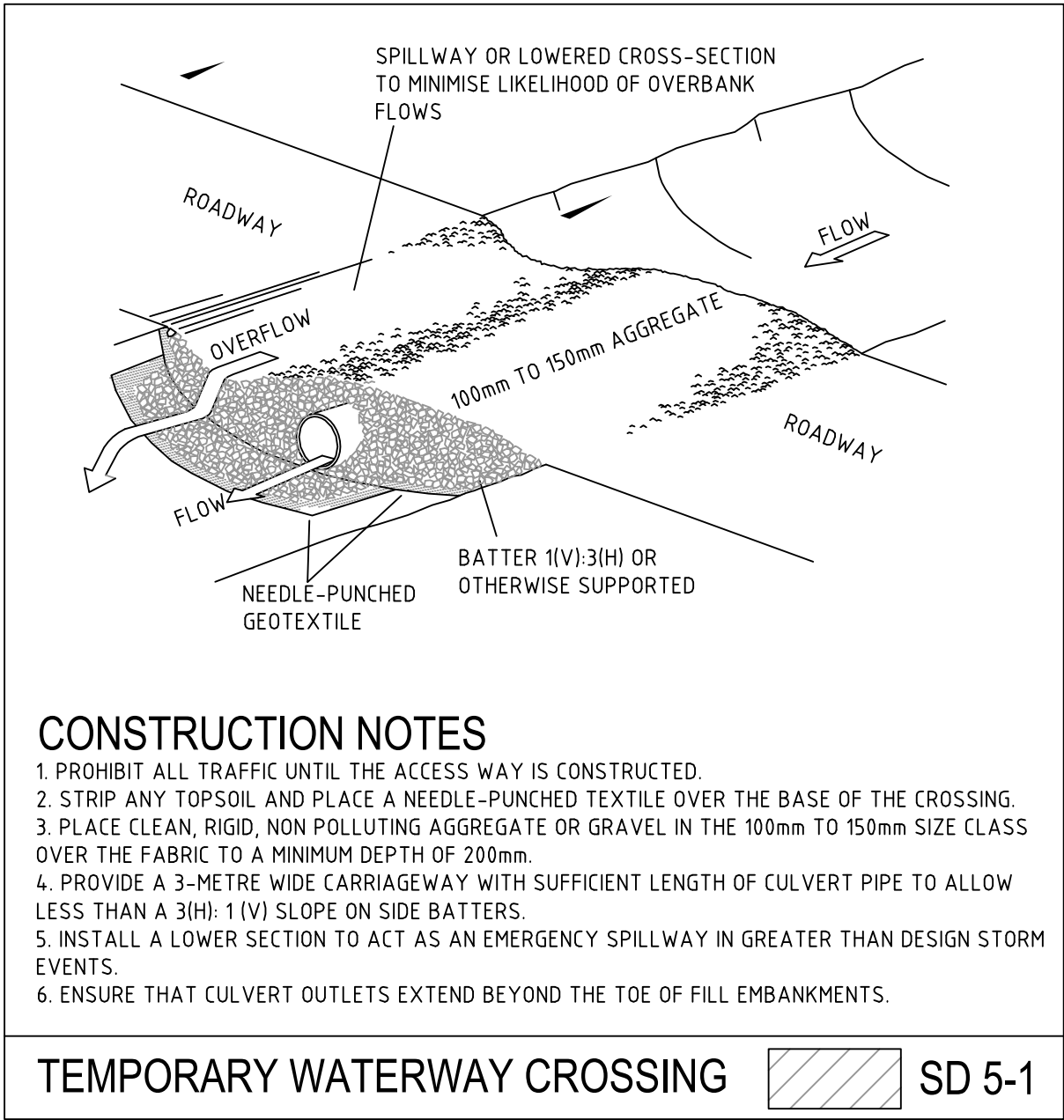
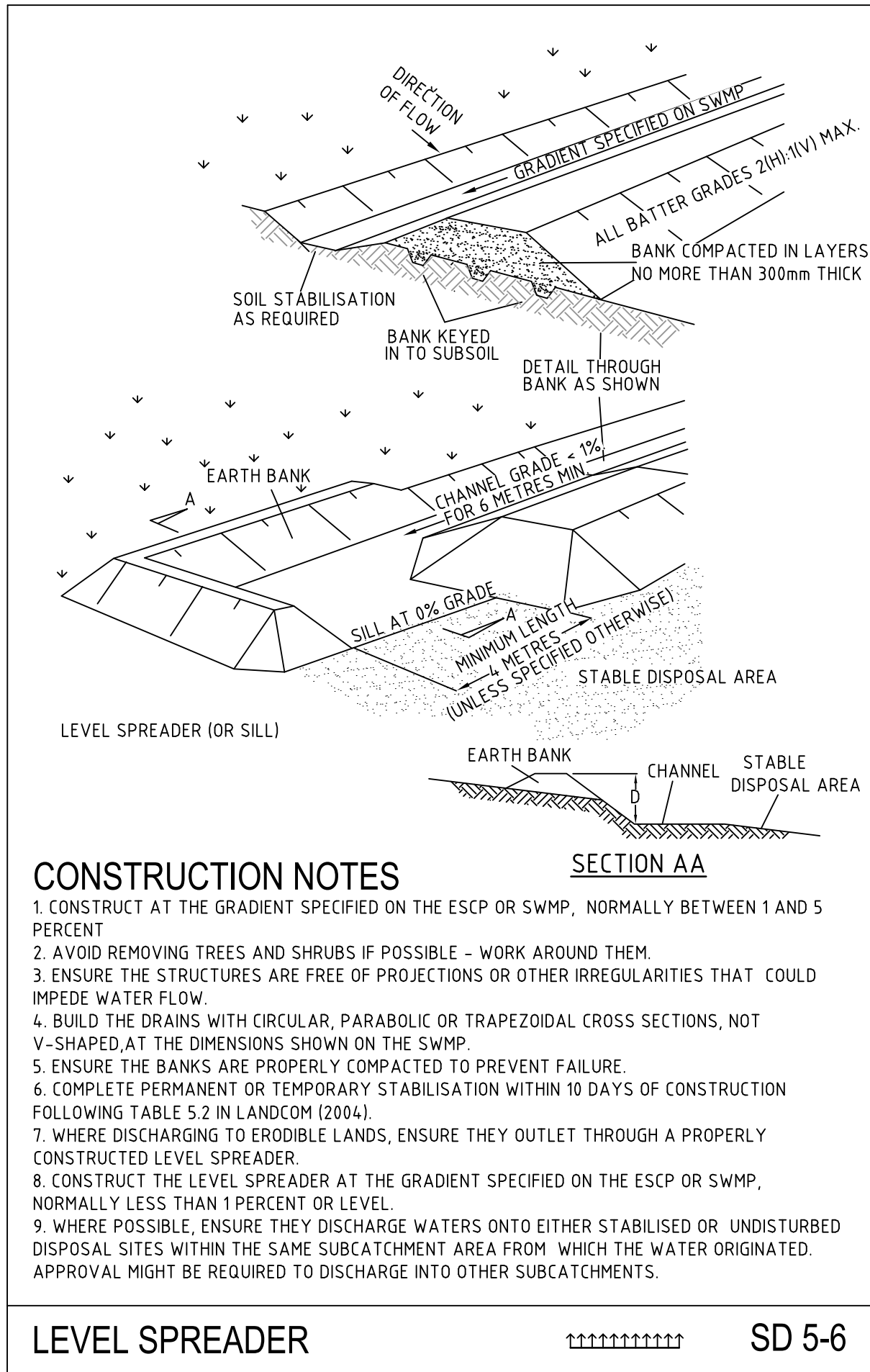
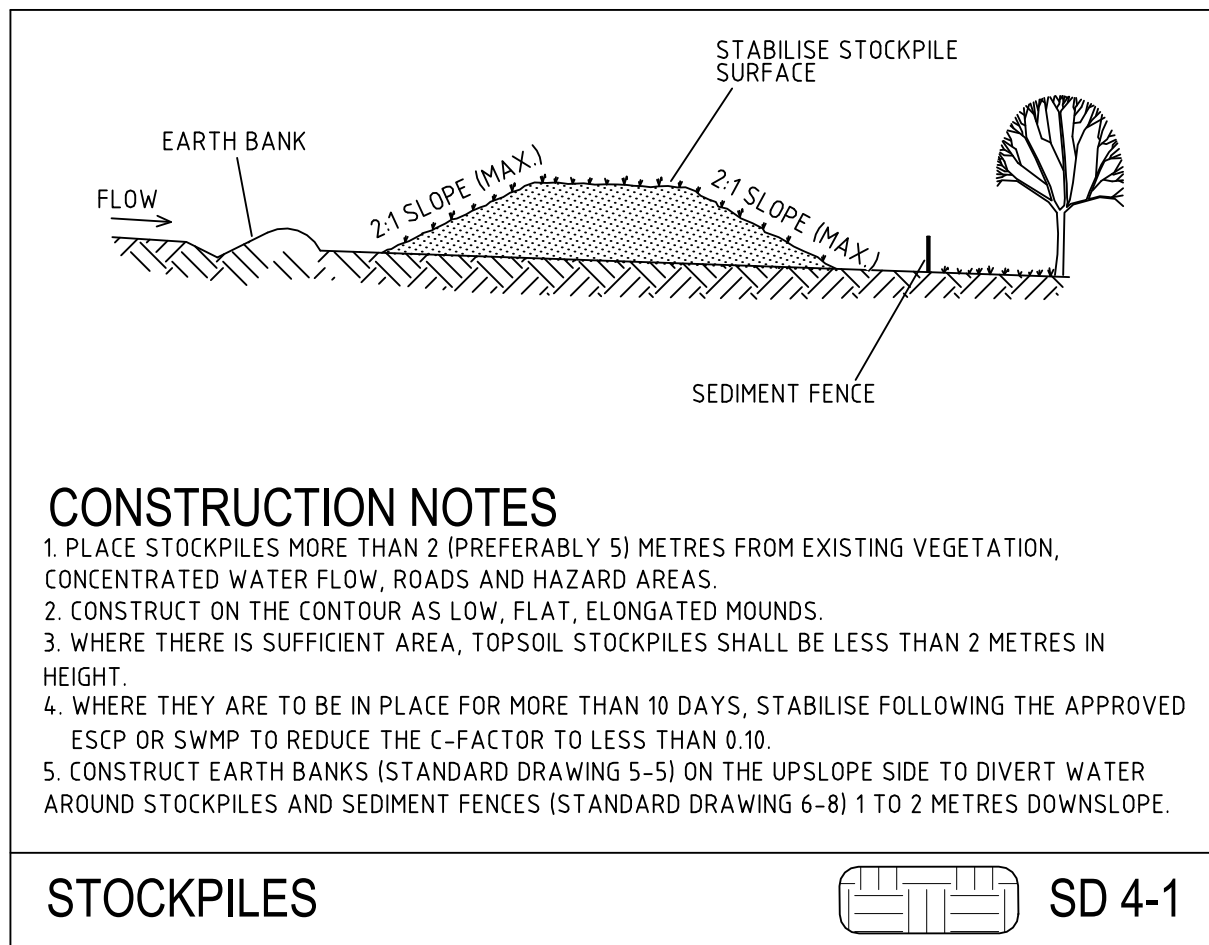
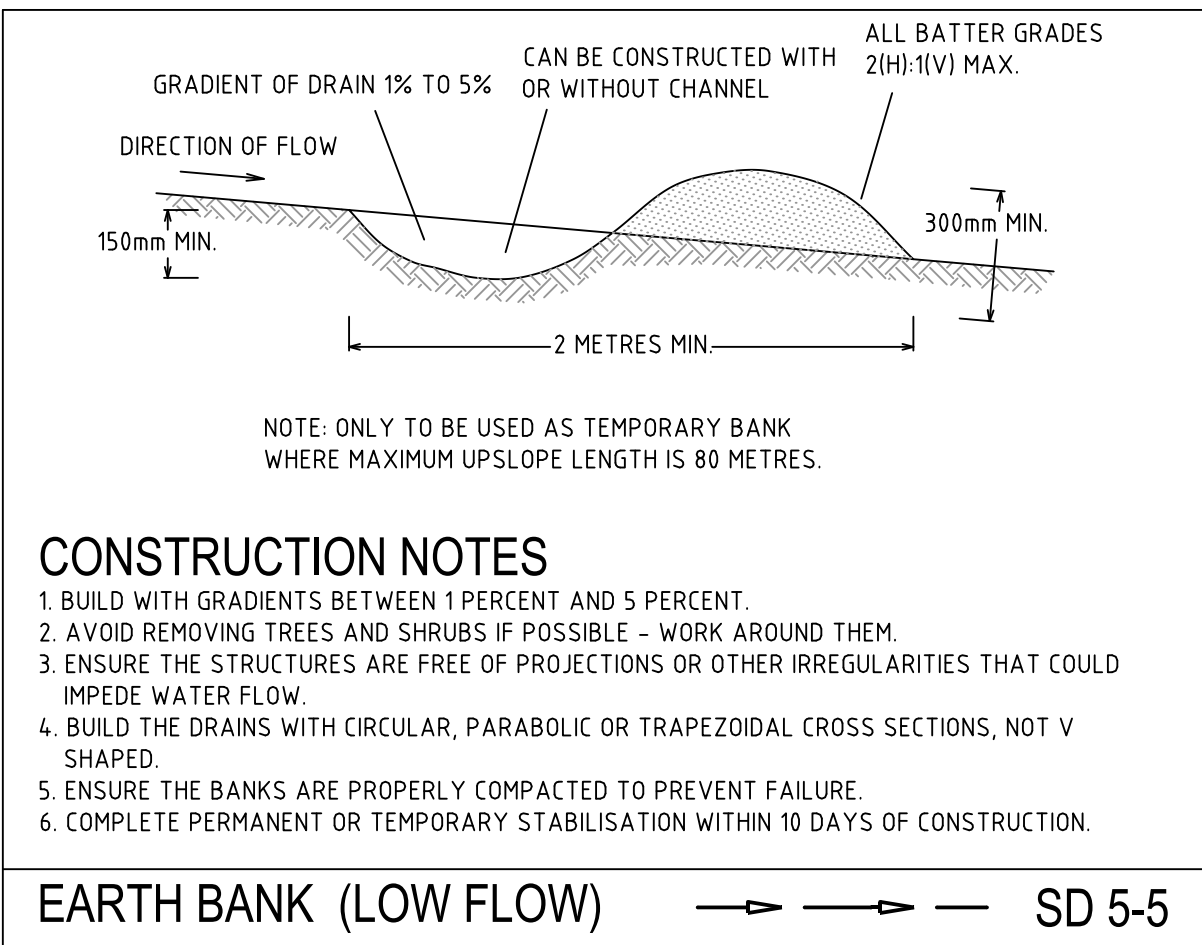
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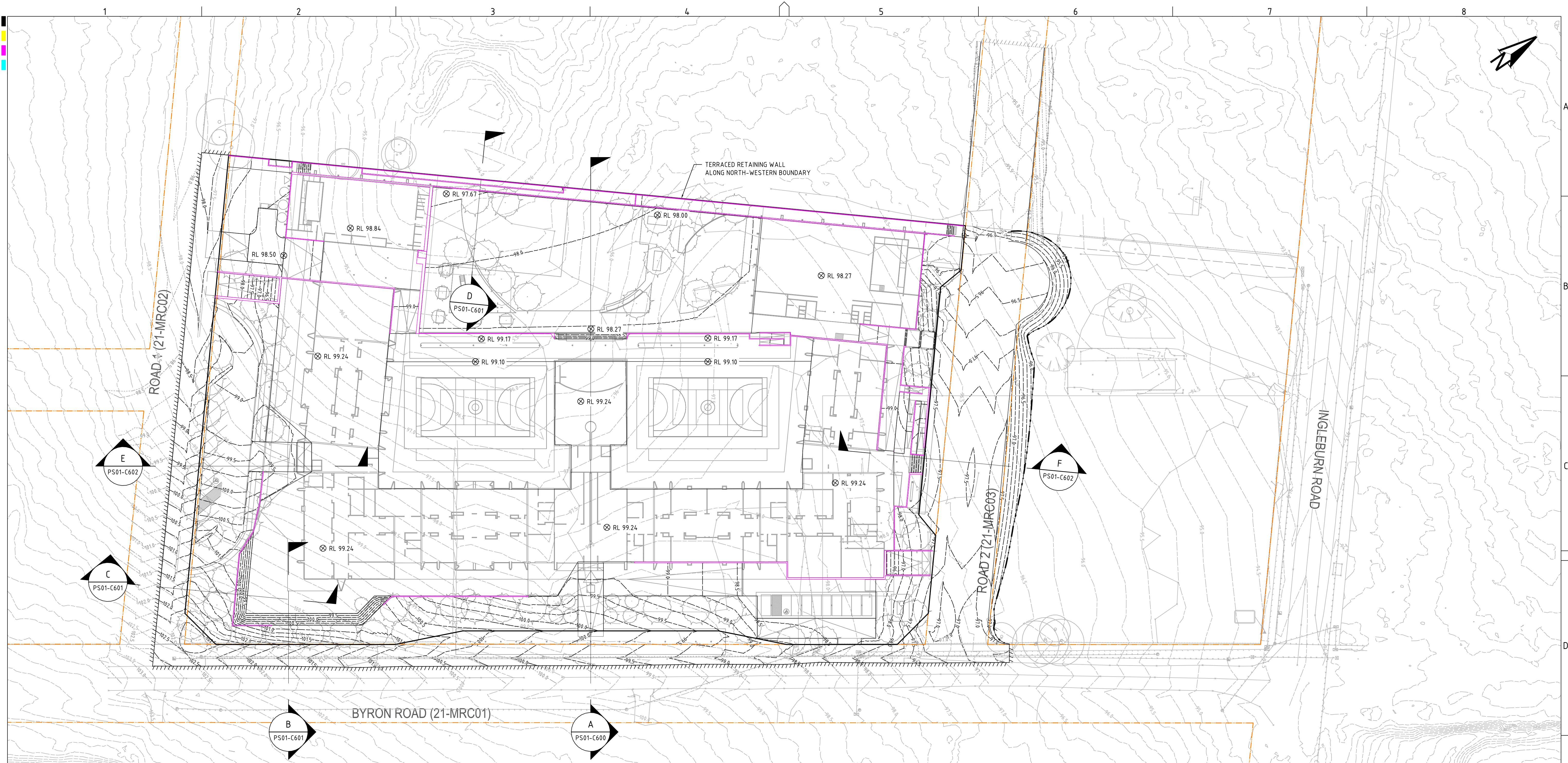
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DRAWING TITLE				
SEDIMENT & EROSION CONTROL DETAILS				
SHEET 1				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-B310	C

DRAWING ID: P18064.93-PS01-R11-B310

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- KEY**
- EXISTING CONTOURS
 - PROPOSED CONTOURS
 - FUTURE CONTOURS
 - EARTHWORKS HINGE
 - INTERFACE
 - EDGE OF RETAINING WALL
 - LIMIT OF WORKS
 - SITE BOUNDARY



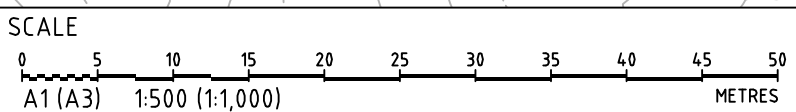
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Granted on: 14 July 2020 Sheet no: 51 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
H	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
G	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH
F	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
C	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH	



GRID
MGA

DATUM
mAHD

PROJECT MANAGER
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PROJECT NAME/PLANSET TITLE
**AMITY COLLEGE LEPPINGTON CAMPUS
CIVIL WORKS PLAN**

63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171
LOT 1 & 2 DP 525996

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STATE SIGNIFICANT DEVELOPMENT APPLICATION



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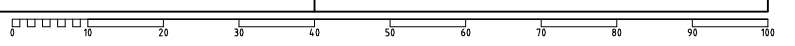
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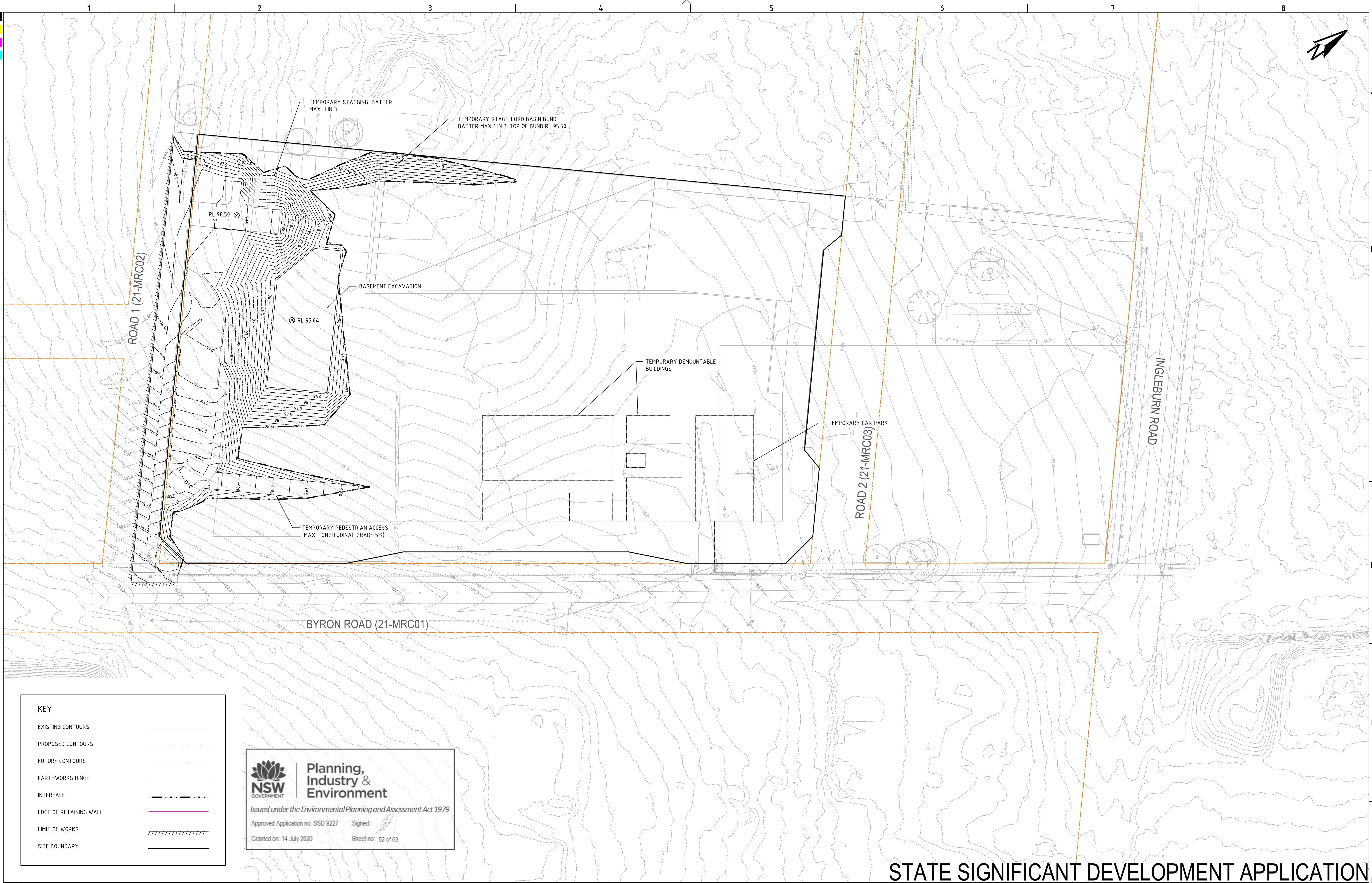
DRAWING TITLE				
EARTHWORKS GRADING PLAN (ULTIMATE DEVELOPMENT)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-C100	H

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DRAWING ID: P18064.93-PS01-R11-C100





KEY	
EXISTING CONTOURS	---
PROPOSED CONTOURS	- - -
FUTURE CONTOURS	...
EARTHWORKS HINGE	—+—
INTERFACE	—+—+—
EDGE OF RETAINING WALL	—+—+—+—
LIMIT OF WORKS	
SITE BOUNDARY	—+—+—+—+—



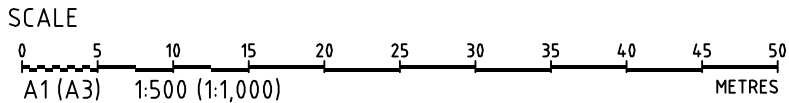
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Granted on: 14 July 2020 Sheet no: 52 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
E	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
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B	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
A	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE
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PROJECT NAME/PLANSET TITLE
AMITY COLLEGE LEPPINGTON CAMPUS
CIVIL WORKS PLAN
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171
LOT 1 & 2 DP 525996



Consulting Engineers

Environment
Water
Geotechnical
Civil

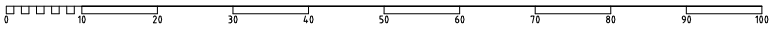
Suite 201, 20 George St, Hornsby, NSW 2077 Australia Phone: (02) 9476 9999 Fax: (02) 9476 8767
Email: mail@martens.com.au Internet: www.martens.com.au

DRAWING TITLE				
EARTHWORKS GRADING PLAN (STAGE 1)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-C101	E

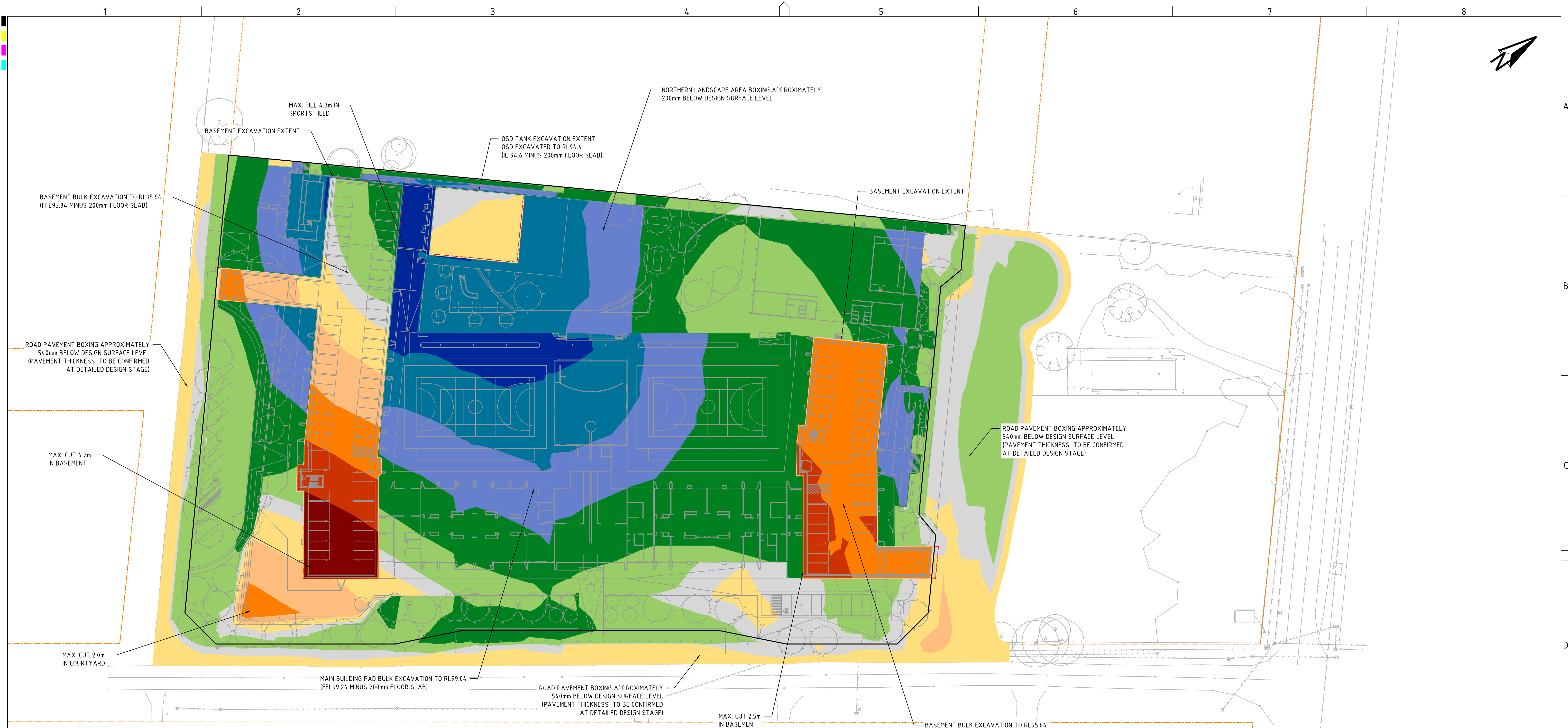
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A1 / A3 LANDSCAPE (A1LC_02.0.01)

DRAWING ID: P18064.93-PS01-R11-C101



STATE SIGNIFICANT DEVELOPMENT APPLICATION



CUT-FILL DEPTH DESIGN TO EXISTING		
LOWER THAN	-3.000 m	
-3.000 to	-2.250 m	
-2.250 to	-1.500 m	
-1.500 to	-0.750 m	
-0.750 to	-0.150 m	
-0.150 to	0.150 m	
0.150 to	0.750 m	
0.750 to	1.500 m	
1.500 to	2.250 m	
2.250 to	3.000 m	
HIGHER THAN	3.000 m	

BULK EARTHWORKS SUMMARY		
	CUT	FILL
EARTHWORKS VOLUME (m³)	-7166	24111
EARTHWORKS BALANCE (m³)	-	16945



**Planning,
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Environment**

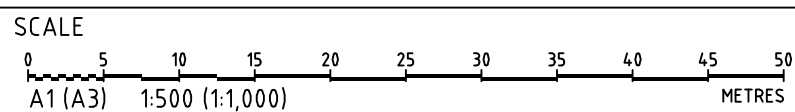
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Approved Application no: SSD-9227

Signed: 

Granted on: 14 July 2020 Sheet no: 53 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPROVED
F	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH
E	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH
D	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
C	MINOR AMENDMENT	04/07/2019	GM	CG/EZ	TH	TH
B	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
A	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE
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PROJECT NAME/PLANSET TITLE
AMITY COLLEGE LEPPINGTON CAMPUS CIVIL WORKS PLAN
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171 LOT 1 & 2 DP 525996



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DRAWING TITLE				
BULK EARTHWORKS CUT-FILL PLAN (ULTIMATE DEVELOPMENT)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-C500	F

STATE SIGNIFICANT DEVELOPMENT APPLICATION



CUT-FILL DEPTH DESIGN TO EXISTING		
LOWER THAN	-3.000 m	
-3.000 to	-2.250 m	
-2.250 to	-1.500 m	
-1.500 to	-0.750 m	
-0.750 to	-0.150 m	
-0.150 to	0.150 m	
0.150 to	0.750 m	
0.750 to	1.500 m	
1.500 to	2.250 m	
2.250 to	3.000 m	
HIGHER THAN	3.000 m	

BULK EARTHWORKS SUMMARY		
	CUT	FILL
EARTHWORKS VOLUME (m³)	-1403	2462
EARTHWORKS BALANCE (m³)	-	1061



**Planning,
Industry &
Environment**

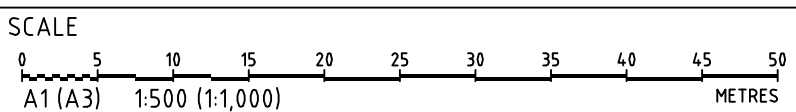
Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227

Signed: 

Granted on: 14 July 2020 Sheet no: 54 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
D	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH
C	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH
B	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
A	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE
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PROJECT NAME/PLANSET TITLE	
AMITY COLLEGE LEPPINGTON CAMPUS CIVIL WORKS PLAN	
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171 LOT 1 & 2 DP 525996	



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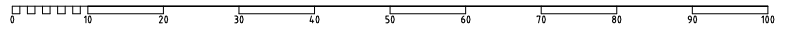
DRAWING TITLE				
BULK EARTHWORKS CUT-FILL PLAN (STAGE 1)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-C501	D

STATE SIGNIFICANT DEVELOPMENT APPLICATION

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A1 / A3 LANDSCAPE (A1LC_v02.0.01)

DRAWING ID: P18064.93-PS01-R11-C501



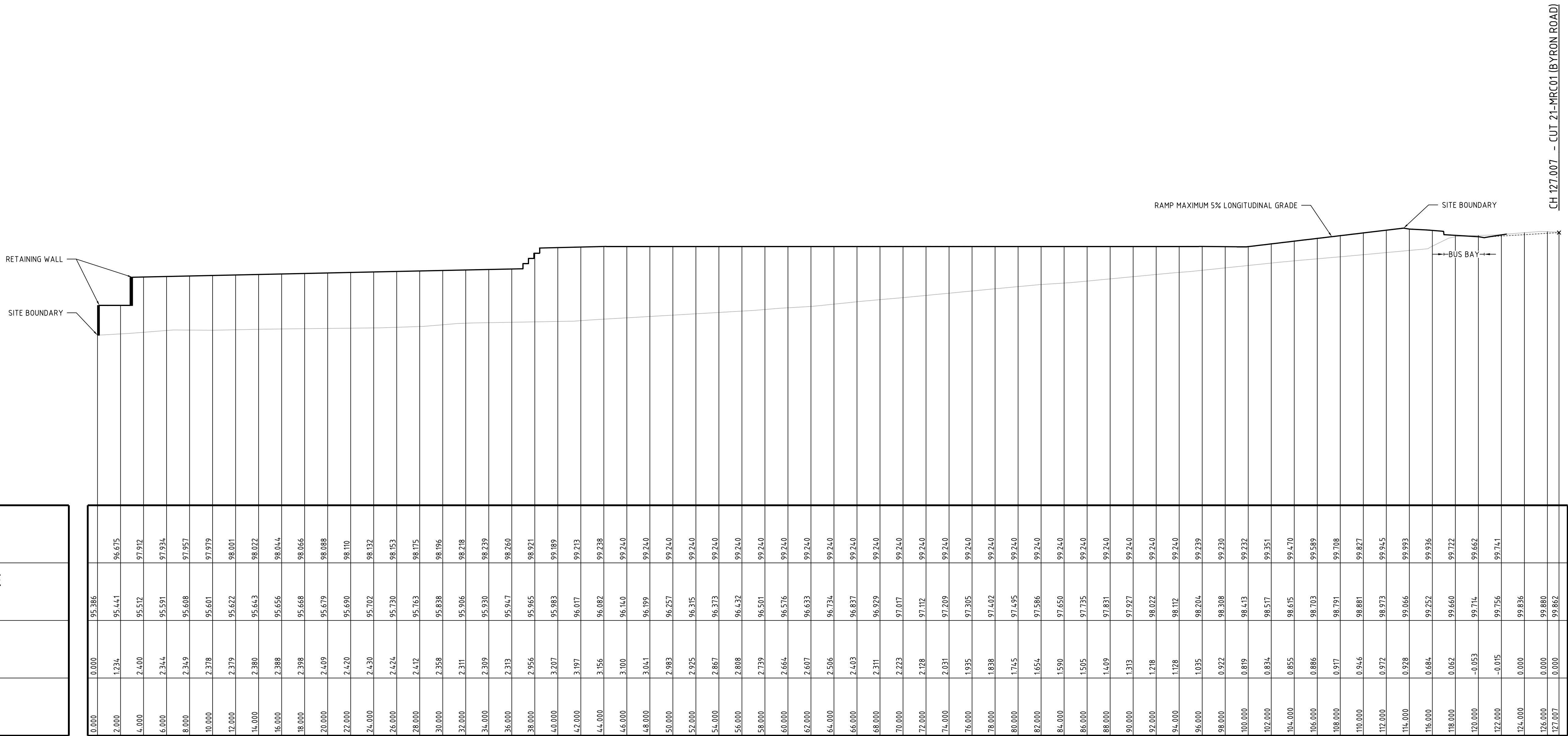


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Granted on: 14 July 2020 Sheet no: 55 of 63



REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
C	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH	

SCALE

A1 (A3) 1:200 (1:400)

A1 (A3) 1:100 (1:200)

GRID

MGA

DATUM

mAHD

PROJECT MANAGER

TH

CLIENT

AMITY COLLEGE

PROJECT NAME/PLANSET TITLE

AMITY COLLEGE LEPPINGTON CAMPUS

CIVIL WORKS PLAN

63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171

LOT 1 & 2 DP 525996

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PROJECT NO.

P1806493

PLANSET NO.

PS01

RELEASE NO.

R11

DRAWING NO.

PS01-C600

REVISION

E

DRAWING TITLE

EARTHWORKS SECTION

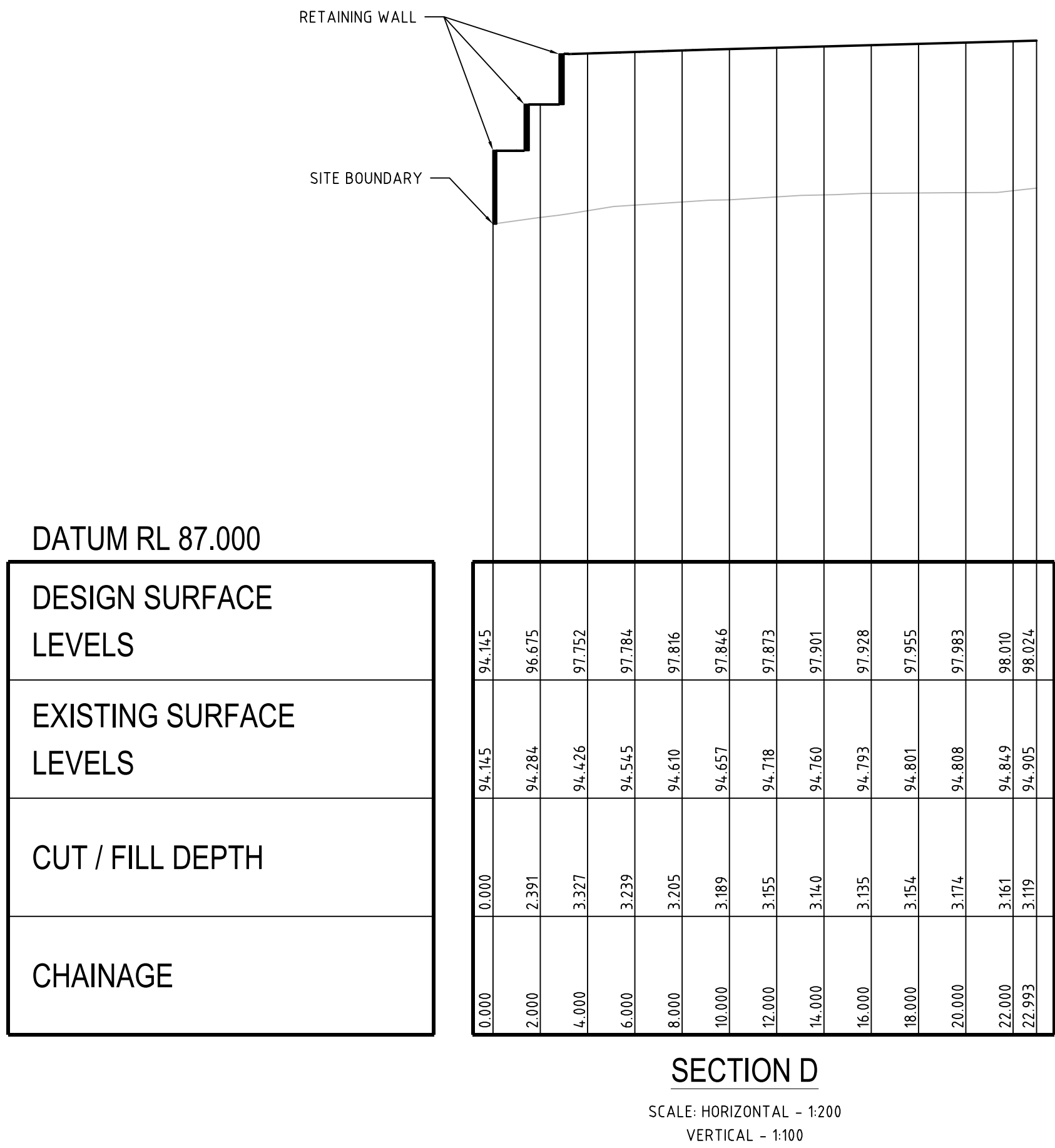
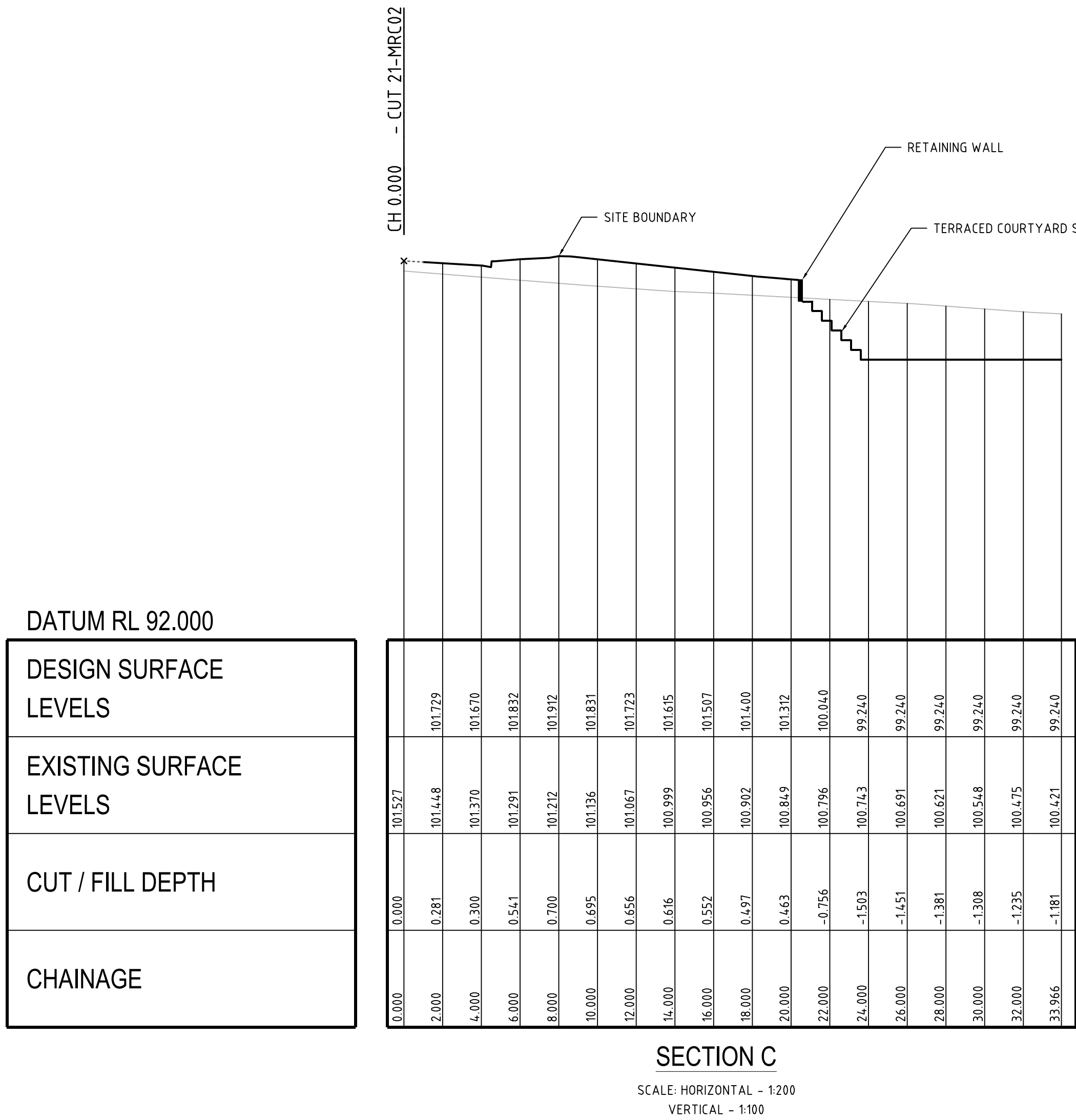
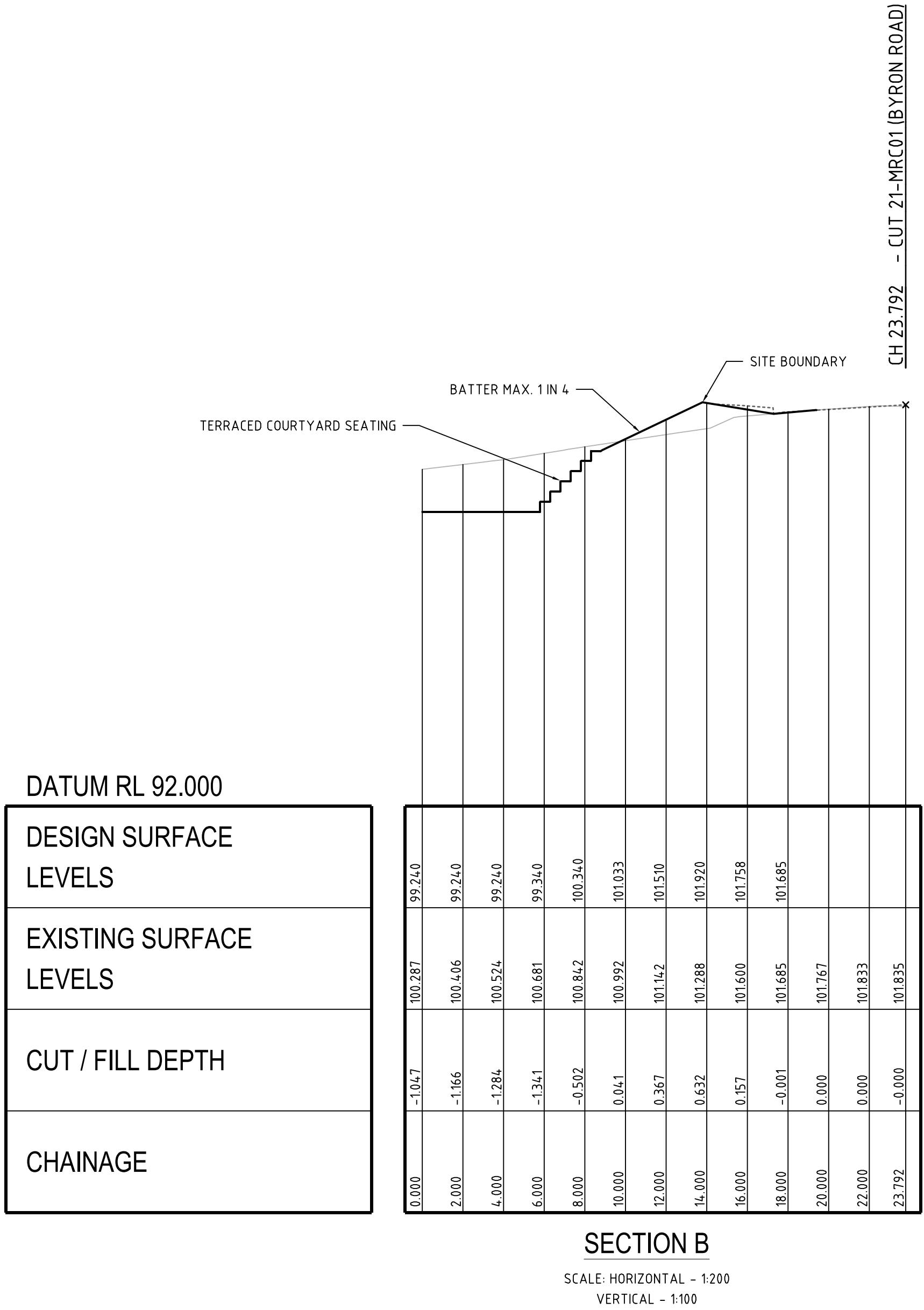
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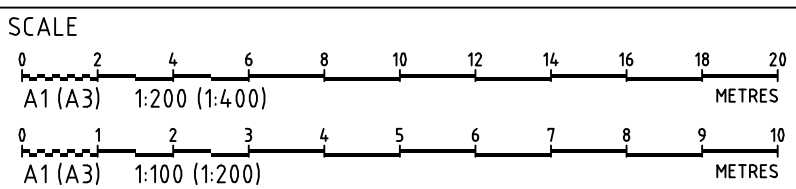
ISSUED

A1 / A3 LANDSCAPE (A1LC_02.0.01)

DRAWING ID: P1806493-PS01-R11-C600



REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
B	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
A	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE
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CIVIL WORKS PLAN			
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LOT 1 & 2 DP 525996			



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DRAWING TITLE				
EARTHWORKS SECTION (SHEET 2)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-C601	C

STATE SIGNIFICANT DEVELOPMENT APPLICATION

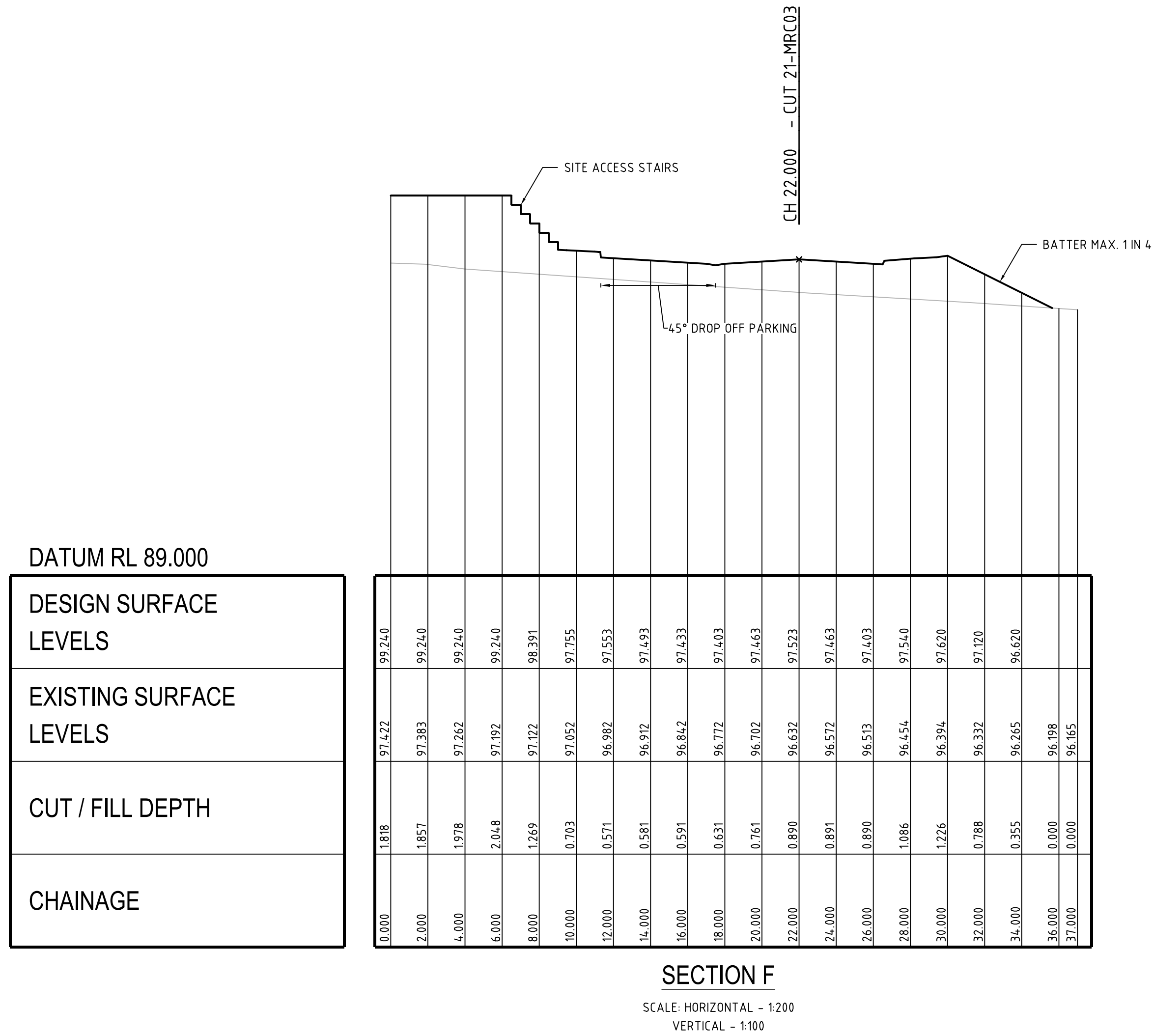
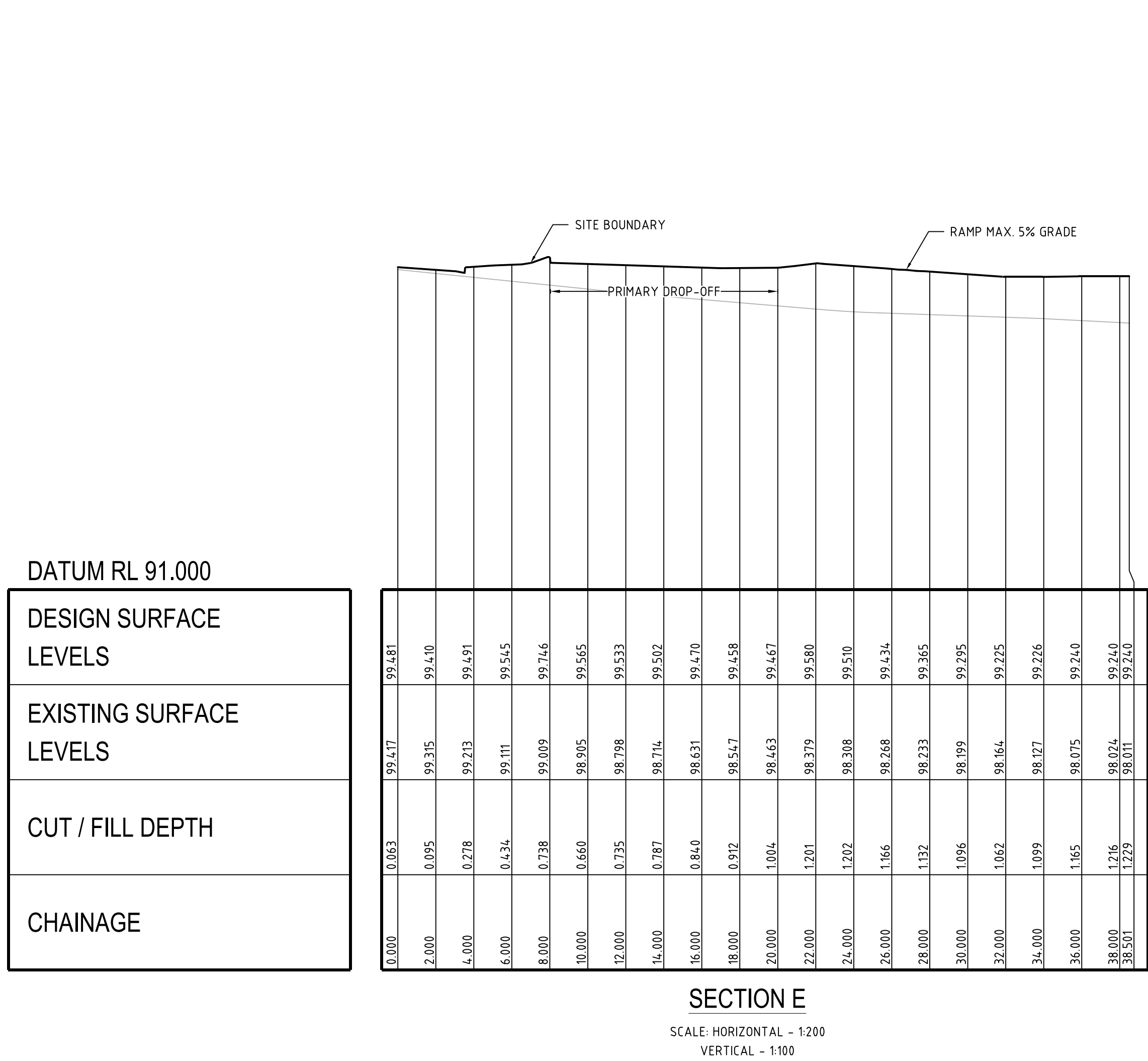


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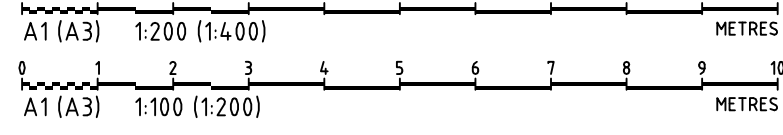
Approved Application no: SSD-9227 Signed: 

Granted on: 14 July 2020 Sheet no: 57 of 63



REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
B	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
A	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	

SCALE



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE

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PROJECT NAME/PLANSET TITLE

AMITY COLLEGE LEPPINGTON CAMPUS

CIVIL WORKS PLAN

63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171

LOT 1 & 2 DP 525996



Consulting Engineers

Environment

Water

Geotechnical

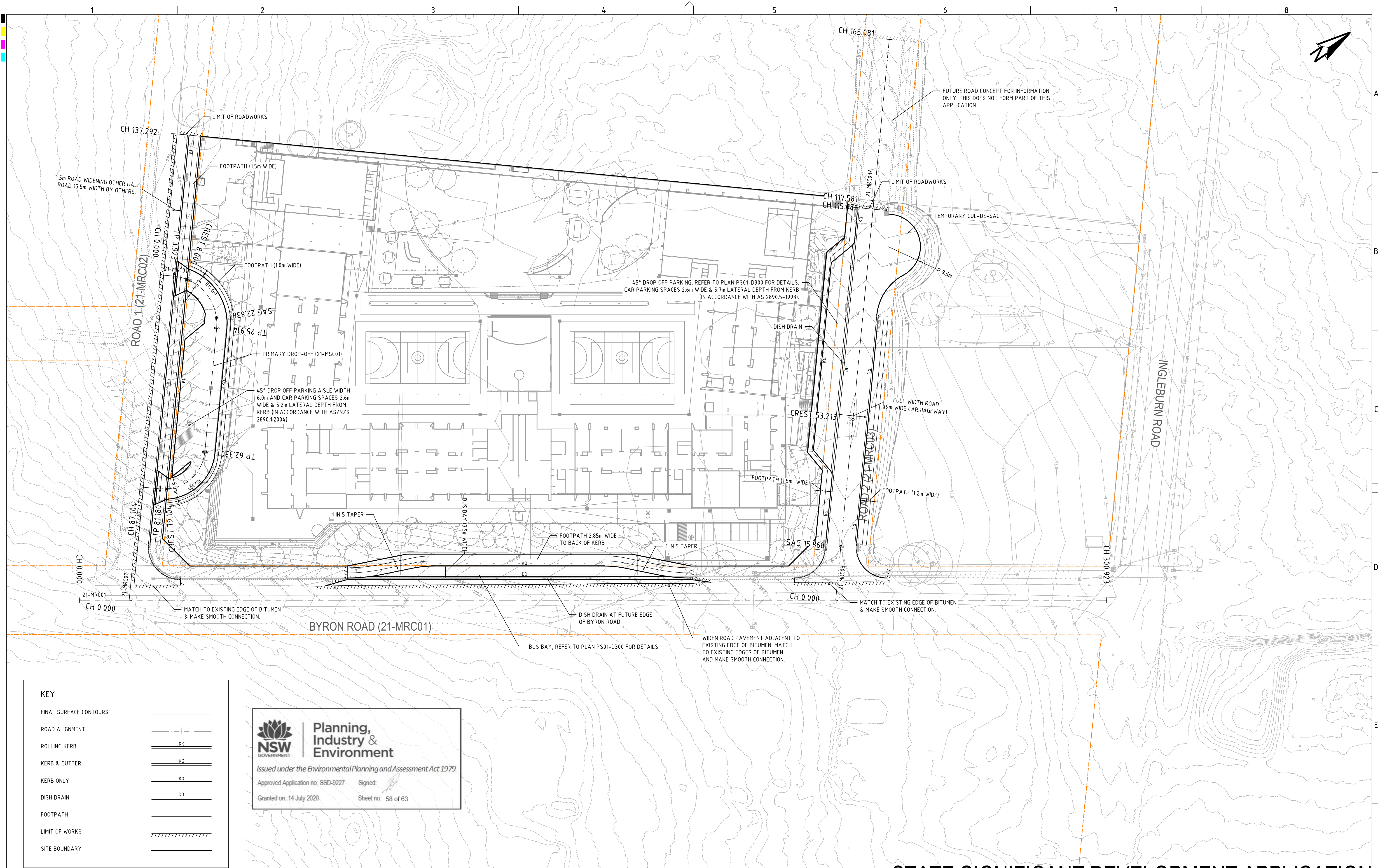
Civil

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DRAWING TITLE				
EARTHWORKS SECTION (SHEET 3)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1806493	PS01	R11	PS01-C602	C

DRAWING ID: P1806493-PS01-R11-C602



KEY	
FINAL SURFACE CONTOURS	
ROAD ALIGNMENT	
ROLLING KERB	
KERB & GUTTER	
KERB ONLY	
DISH DRAIN	
FOOTPATH	
LIMIT OF WORKS	
SITE BOUNDARY	

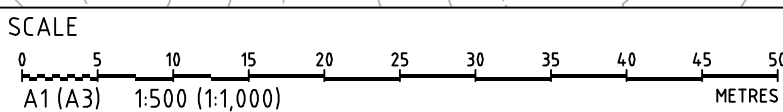
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Approved Application no: SSD-9227 Signed:

Granted on: 14 July 2020 Sheet no: 58 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPROVED
H	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
G	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH
F	AMENDED FORM CLIENT COMMENTS	23/07/2019	GM	CG/PD	TH	TH
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
C	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH	



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	
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AMITY COLLEGE	
PROJECT NAME/PLANSET TITLE	
AMITY COLLEGE LEPPINGTON CAMPUS	
CIVIL WORKS PLAN	
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171	
LOT 1 & 2 DP 525996	

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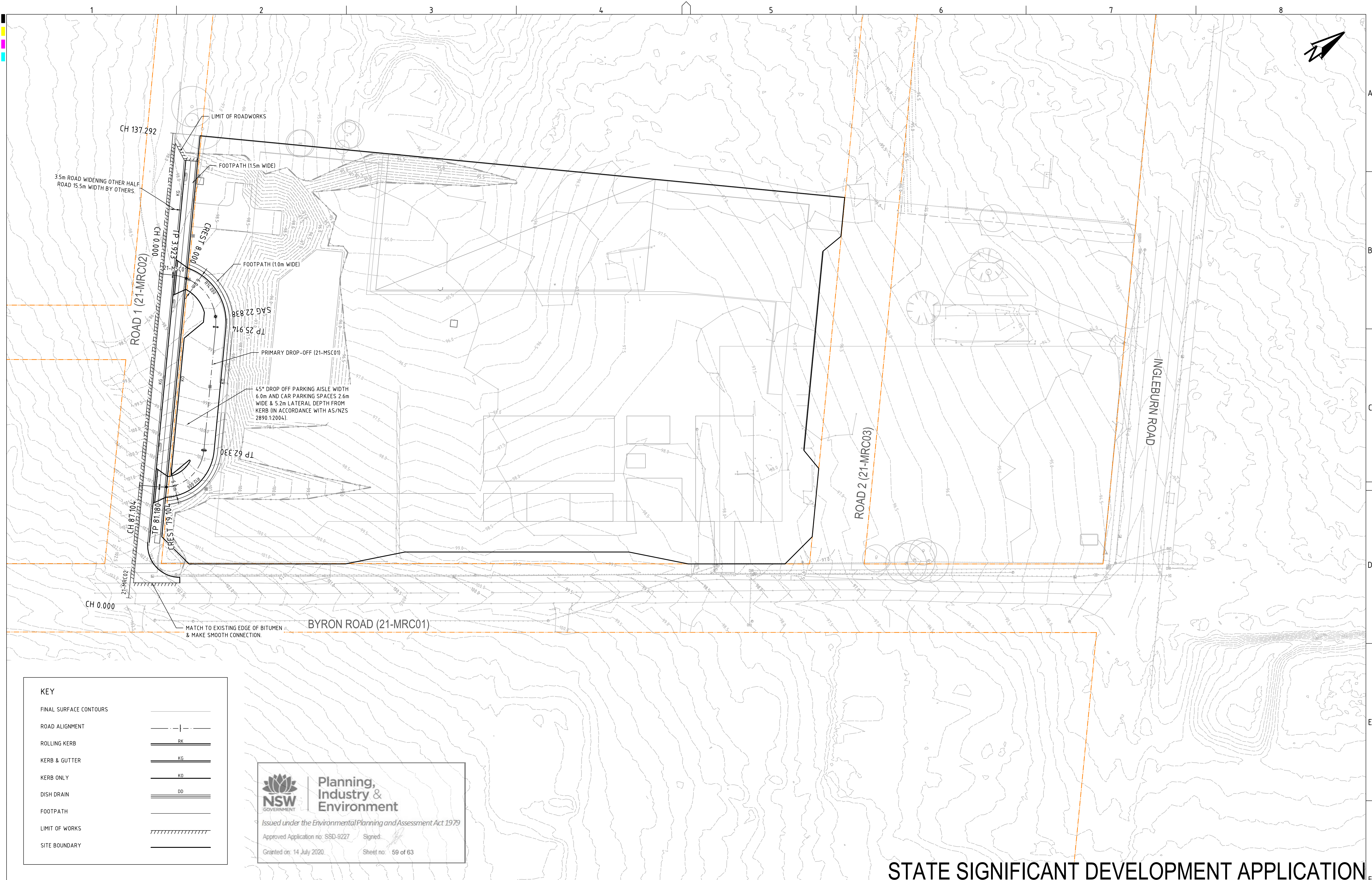
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Civil

DRAWING TITLE				
ROADWORKS PLAN (ULTIMATE DEVELOPMENT)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-D100	H

STATE SIGNIFICANT DEVELOPMENT APPLICATION



KEY	
FINAL SURFACE CONTOURS	
ROAD ALIGNMENT	
ROLLING KERB	
KERB & GUTTER	
KERB ONLY	
DISH DRAIN	
FOOTPATH	
LIMIT OF WORKS	
SITE BOUNDARY	

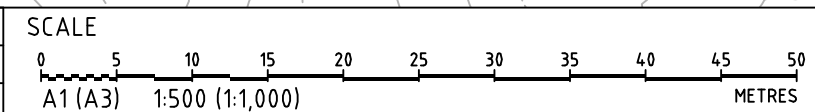
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Granted on: 14 July 2020 Sheet no: 59 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
E	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
D	MINOR AMENDMENT	24/07/2019	GM	CG/PD	TH	TH
C	AMENDED FORM CLIENT COMMENTS	23/07/2019	CG/PD	CG/PD	TH	TH
B	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
A	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH



GRID	DATUM	PROJECT MANAGER	CLIENT
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LOT 1 & 2 DP 525996

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DRAWING TITLE				
ROADWORKS PLAN (STAGE 1)				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P18064.93	PS01	R11	PS01-D101	E

STATE SIGNIFICANT DEVELOPMENT APPLICATION



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195.000	0.106	98.155	98.261
202.614	0.098	97.905	98.003
210.000	0.080	97.665	97.744
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SCALE

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A1 (A3) 1:100 (1:200)

0 1 2 3 4 5 6 7 8 9 10 METRES

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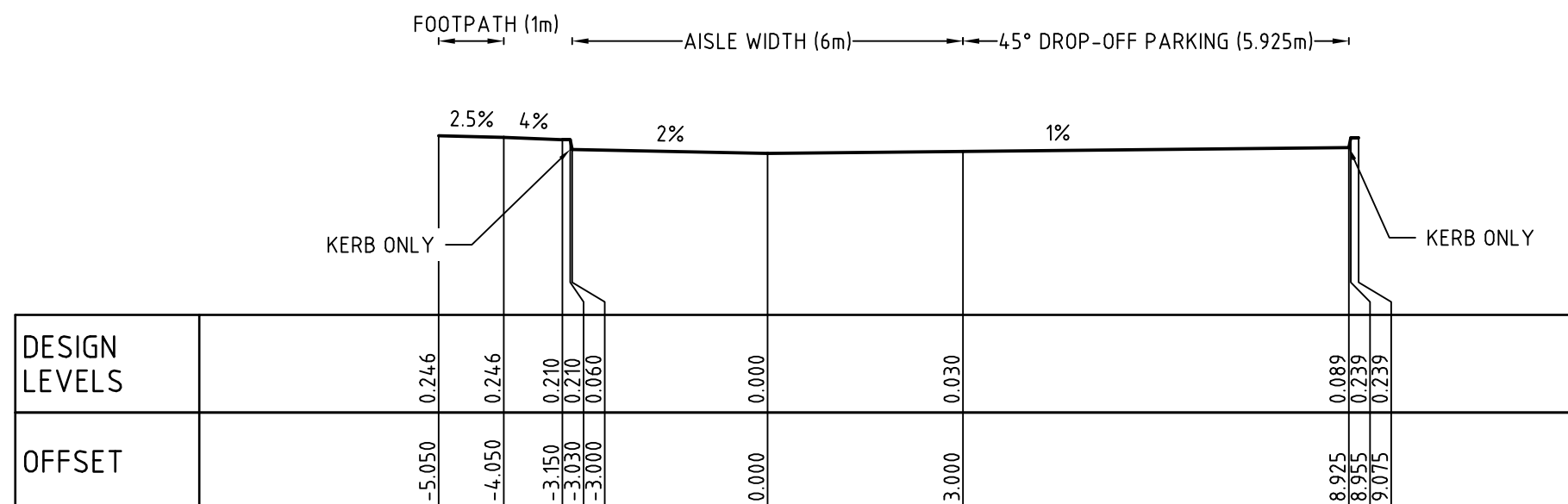
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Water
Geotechnical
Civil

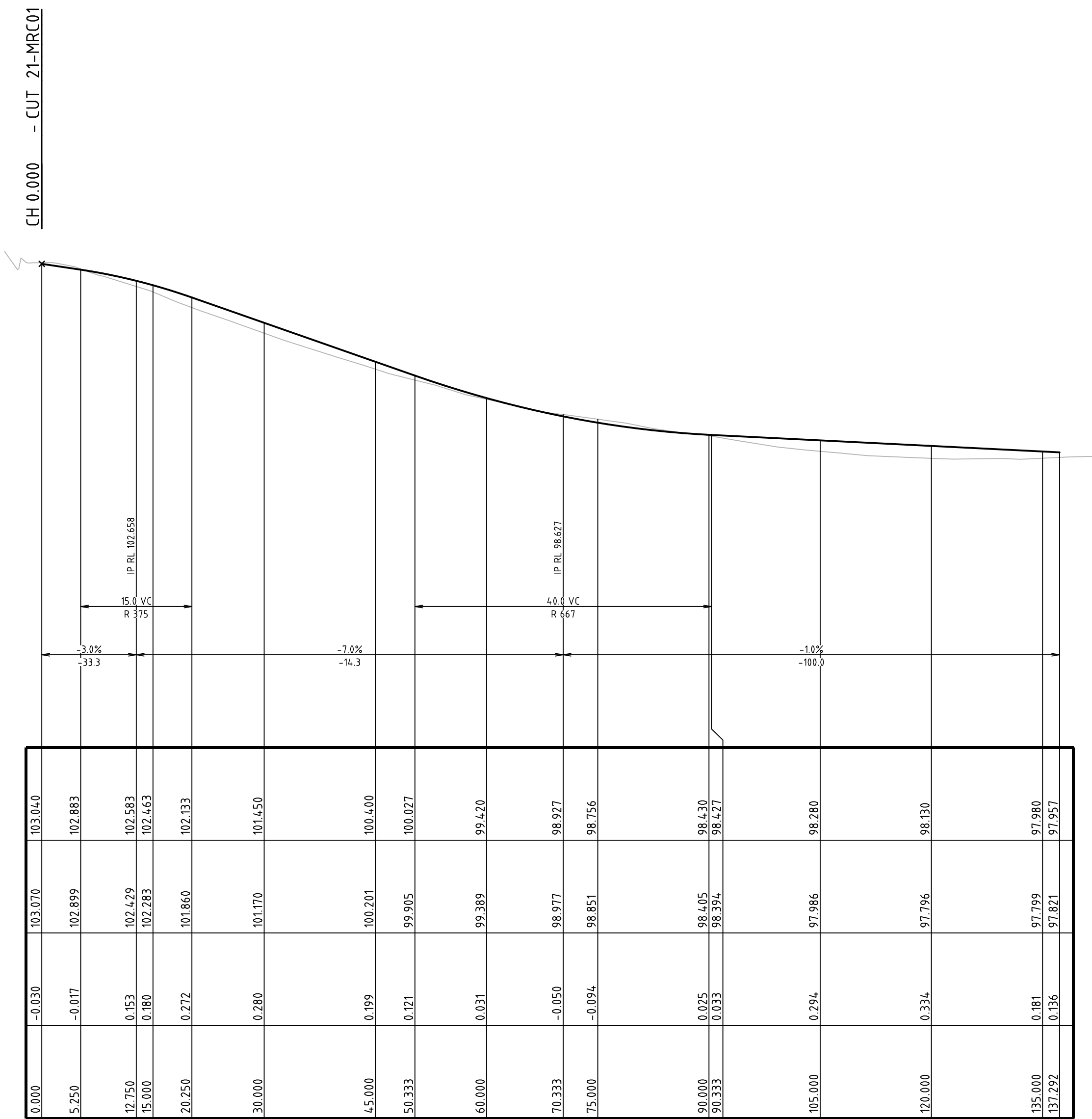
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DRAWING TITLE				
CONCEPT FUTURE BYRON ROAD (21-MRC01) LONGITUDINAL & TYPICAL SECTION				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1806493	PS01	R11	PS01-D200	D

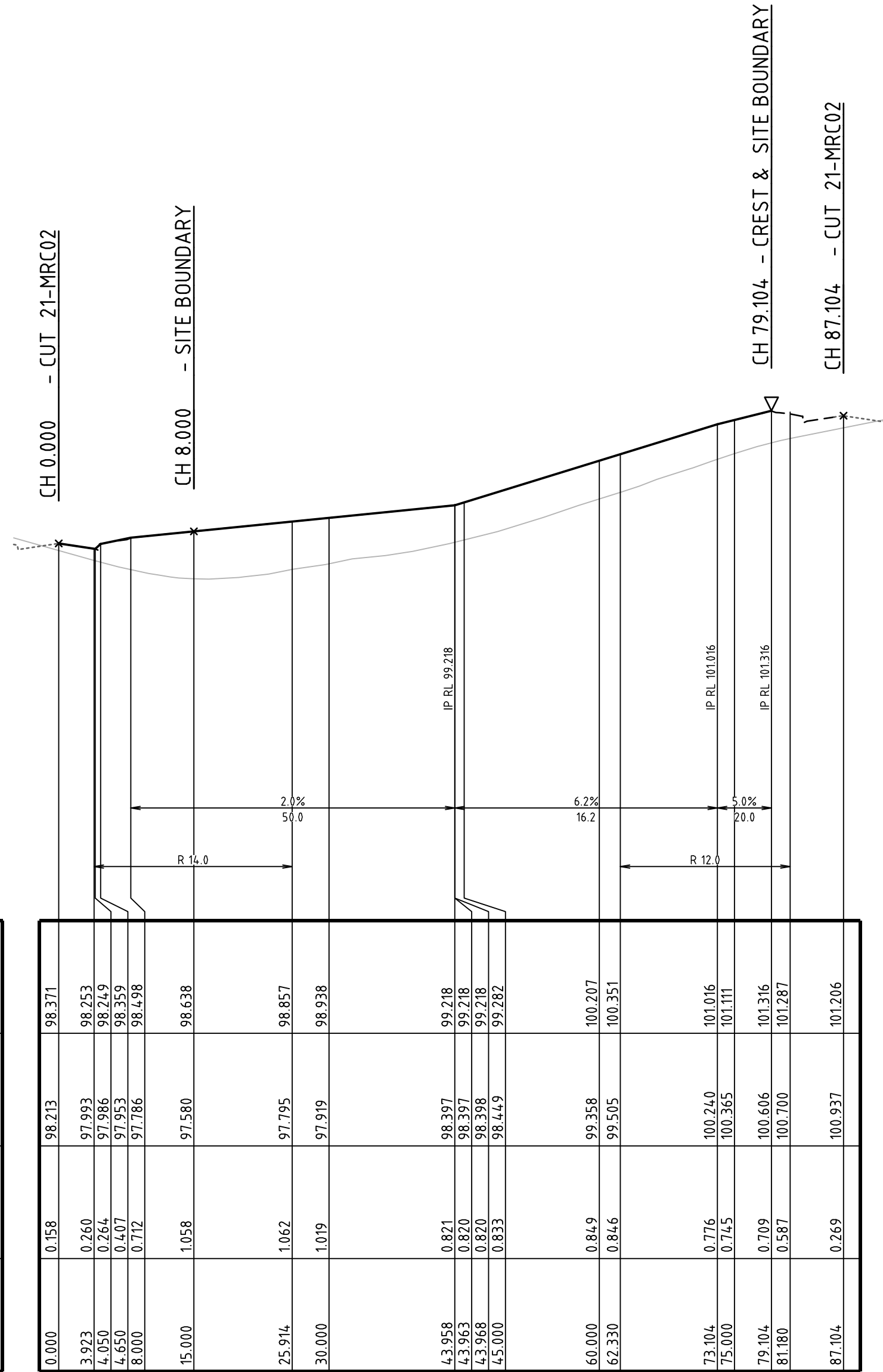
SCALE - 1:100



SCALE - 1:100

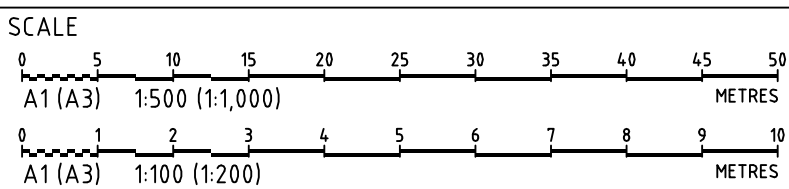


SCALE: HORIZONTAL - 1:500
VERTICAL - 1:100



SCALE: HORIZONTAL - 1:500
VERTICAL - 1:100

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
F	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
C	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH	



GRID	DATUM	PROJECT MANAGER
MGA	mAHD	TH

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PROJECT NAME/PLANSET TITLE

AMITY COLLEGE LEPPINGTON CAMPUS
CIVIL WORKS PLAN

63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171
LOT 1 & 2 DP 525996



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Geotechnical
Civil

DRAWING TITLE				
ROAD 1 (21-MRC02) & PRIMARY DROP-OFF (21-MSC01) LONGITUDINAL & TYPICAL SECTIONS				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1806493	PS01	R11	PS01-D201	F



Planning,
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Environment

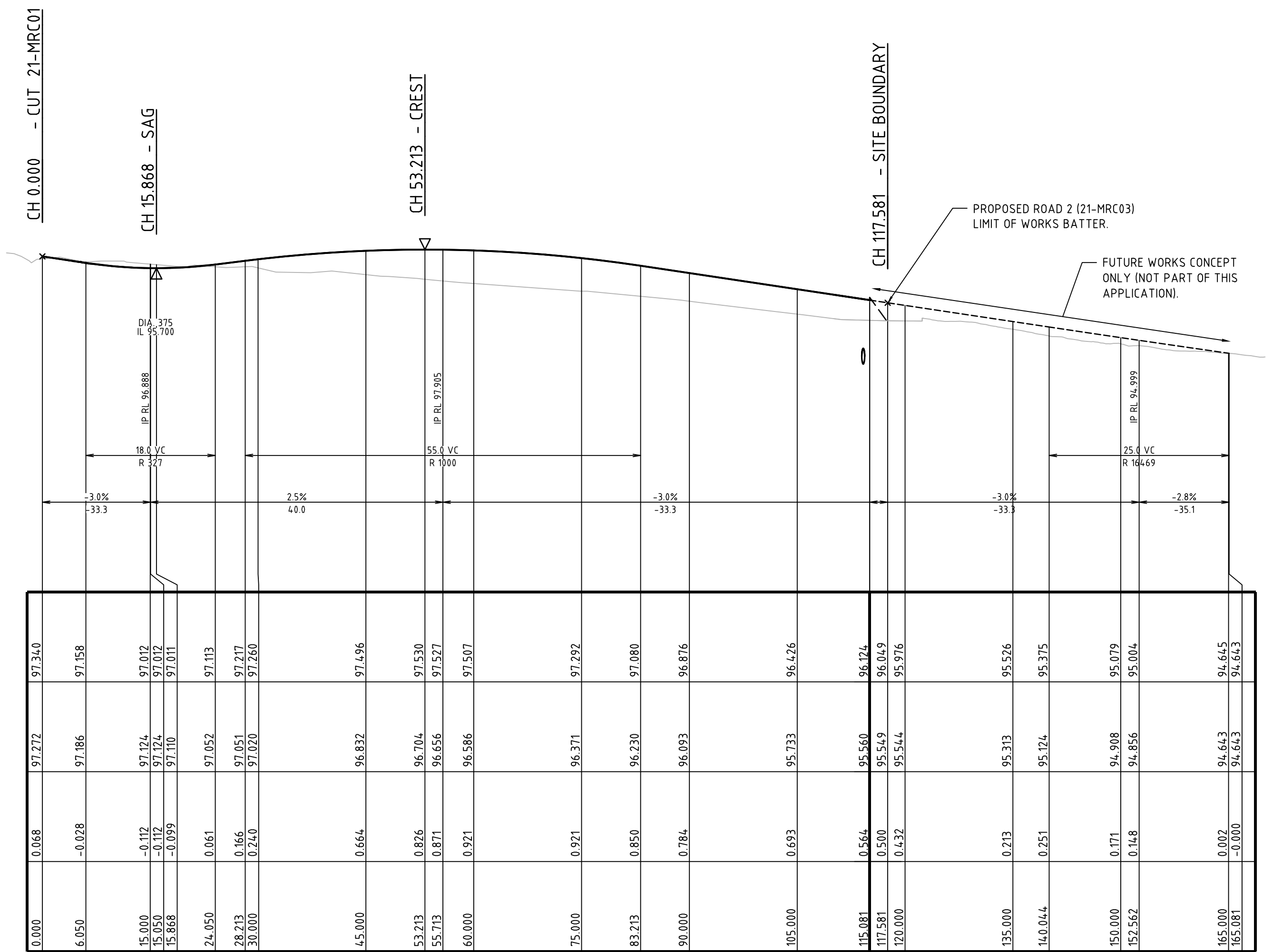
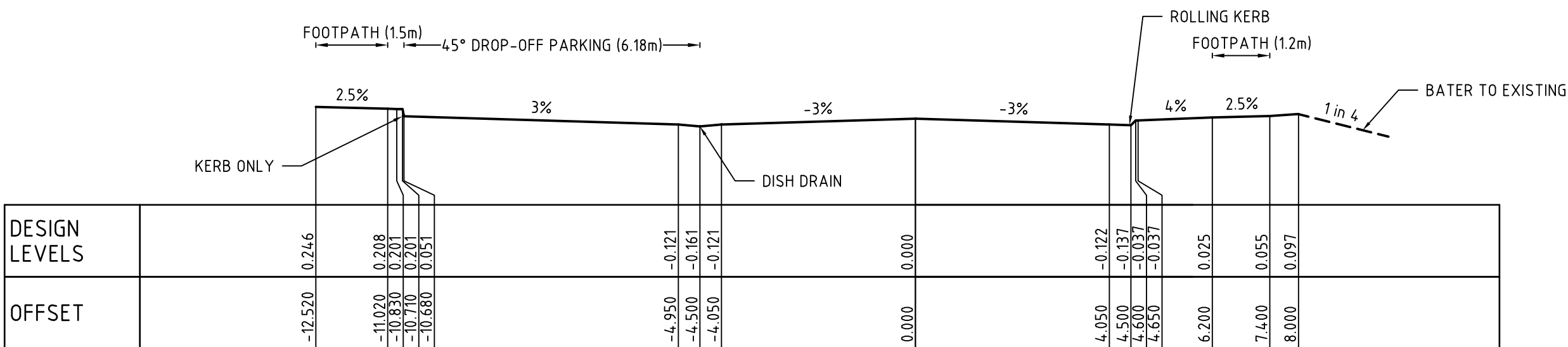
Issued under the Environmental Planning and Assessment Act 1979

Approved Application no: SSD-9227

Signed:

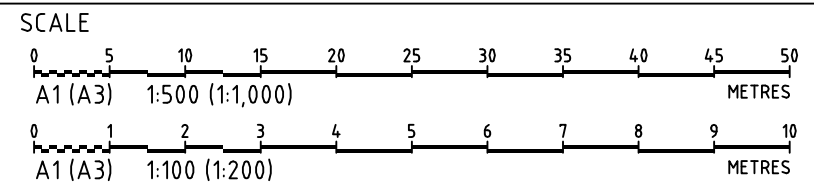
Granted on: 14 July 2020

Sheet no: 62 of 63



STATE SIGNIFICANT DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
B	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
A	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	

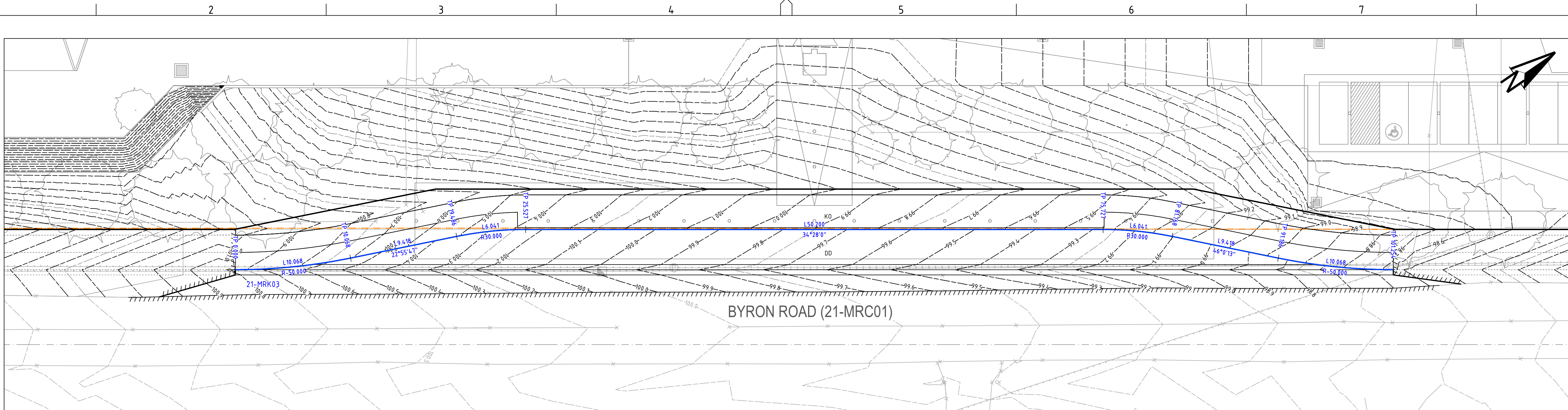


GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE
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PROJECT NAME/PLANSET TITLE
AMITY COLLEGE LEPPINGTON CAMPUS CIVIL WORKS PLAN
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171 LOT 1 & 2 DP 525996

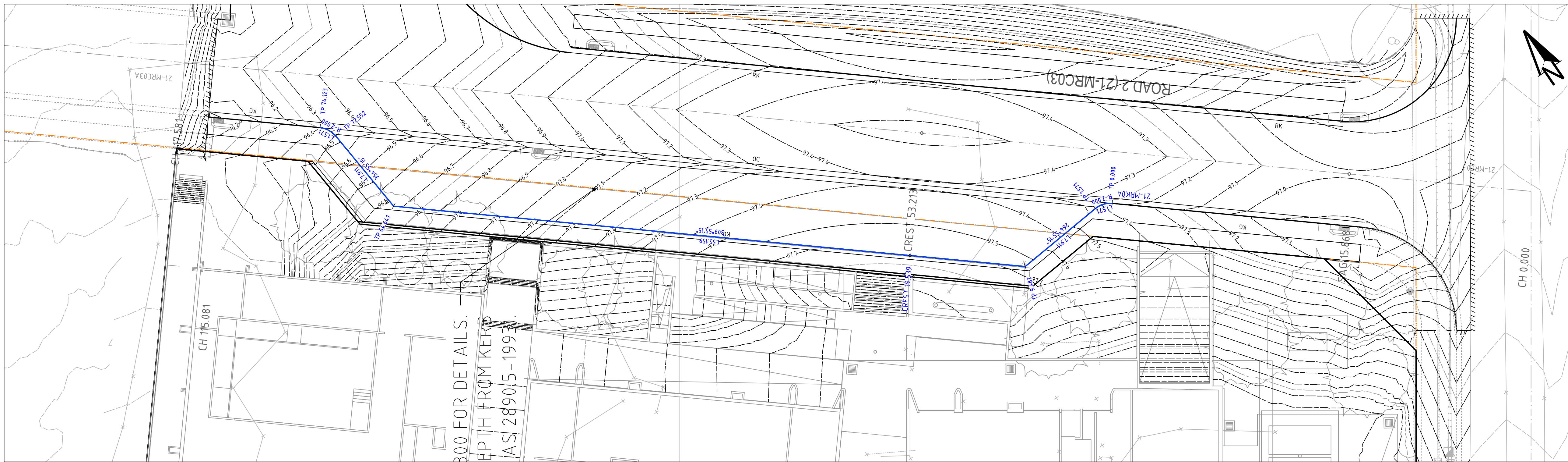
	Consulting Engineers	
	Environment Water Geotechnical Civil	
Suite 201, 20 George St, Hornsby, NSW 2077 Australia Phone: (02) 9476 9999 Fax: (02) 9476 8767 Email: mail@martens.com.au Internet: www.martens.com.au		

DRAWING TITLE				
ROAD 2 (21-MRC03) & FUTURE ROAD 2 (21-MRC03A) LONGITUDINAL & TYPICAL SECTIONS				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1806493	PS01	R11	PS01-D202	C



BUS BAY DETAILS

SCALE 1:200



45° DROP OFF PARKING DETAILS

SCALE 1:200

- KEY
- PROPOSED CONTOURS
 - KERB ALIGNMENT
 - LIMIT OF WORKS
 - SITE BOUNDARY

NSW GOVERNMENT

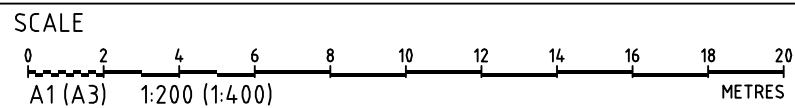
Planning, Industry & Environment

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Approved Application no: SSD-9227 Signed: _____

Granted on: 14 July 2020 Sheet no: 63 of 63

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
F	ADD FUTURE ROAD 2 (21-MRC03A)	20/11/2019	JS	PB	TH	TH
E	AMENDED FORM CLIENT COMMENTS	11/07/2019	GM	CG/PD	CG/PD	TH
D	AMENDED FORM REVISED ARCHITECTURAL PLANS	28/06/2019	GM	CG/EZ	TH	TH
C	MINOR AMENDMENT	08/05/2019	GM	CG/DG	CG/DG	
B	MINOR AMENDMENT	16/04/2019	GM	CG/DG		
A	INITIAL RELEASE	05/04/2019	GM	CG/DG	TH	



GRID	DATUM	PROJECT MANAGER	CLIENT
MGA	mAHD	TH	AMITY COLLEGE

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PROJECT NAME/PLANSET TITLE
AMITY COLLEGE LEPPINGTON CAMPUS CIVIL WORKS PLAN
63 INGLEBURN RD & 85 BYRON RD, LEPPINGTON, NSW 2171
LOT 1 & 2 DP 525996

martens & Associates Pty Ltd

Consulting Engineers

Environment
Water
Geotechnical
Civil

Suite 201, 20 George St, Hornsby, NSW 2077 Australia Phone: (02) 9476 9999 Fax: (02) 9476 8767
Email: mail@martens.com.au Internet: www.martens.com.au

DRAWING TITLE				
ROADWORKS DETAILS PLAN				
PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1806493	PS01	R11	PS01-D300	F

STATE SIGNIFICANT DEVELOPMENT APPLICATION