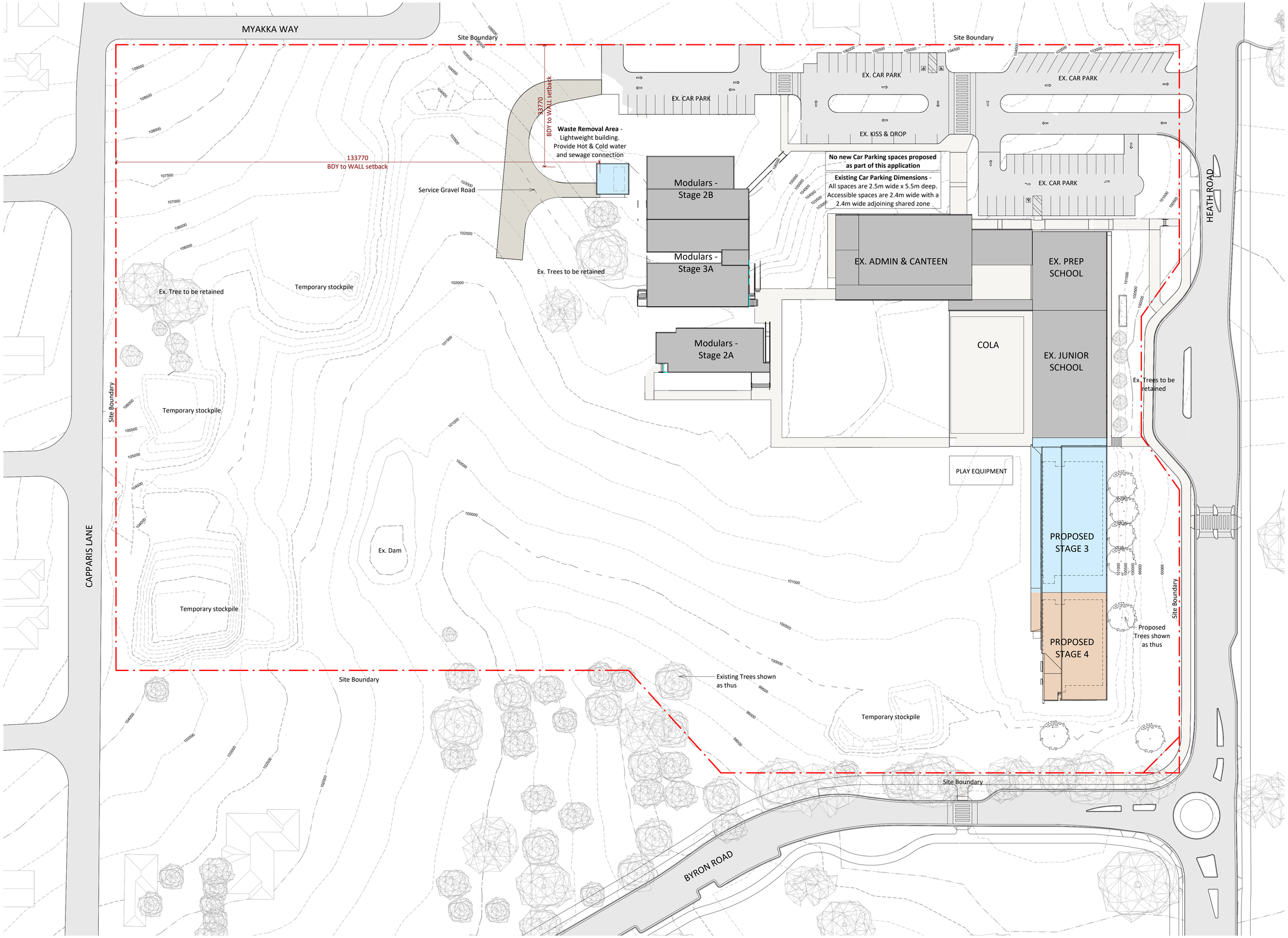


Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
P: 02 8039 8822
A: L1 695-699 George Street, Sydney NSW 2000
Newcastle
P: 02 4040 9778
A: 797 Hunter Street, Newcastle NSW 2302
W: www.alleanza.com.au

Client
The Anglican Schools Corporation

Project
Leppington Anglican College

Address
50 Heath Road, Leppington

Issue	Date	Subject
C	01.11.2023	Council RFI #2 response
B	26.09.2023	Council RFI response
A	25.07.2023	DA Issue

PA

0 16 25 40m

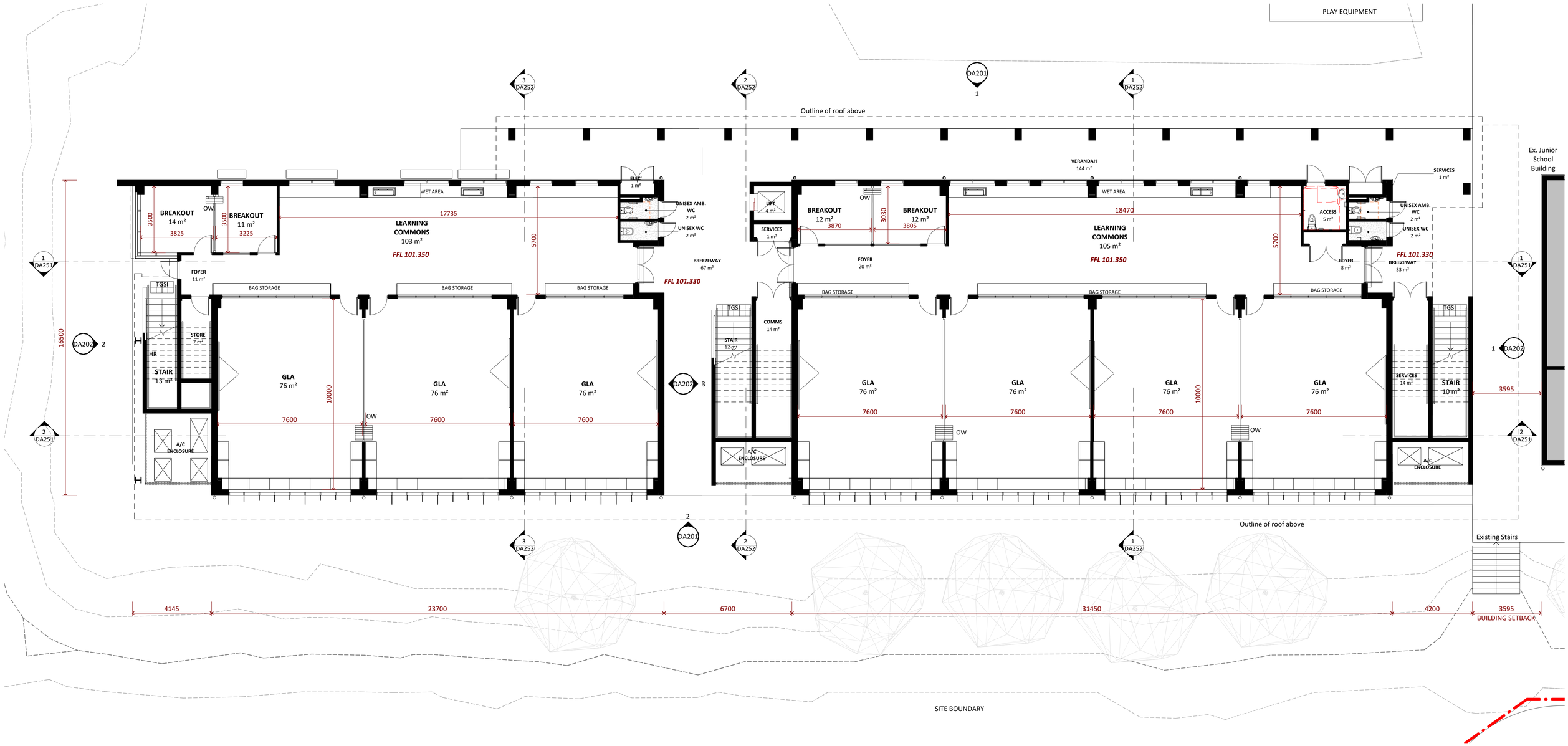
North

Scale:	1:500
Sheet size:	A1
Drawn:	DTB/MK
Checked:	DTB
Verified:	DTB

DEVELOPMENT APPLICATION

Proposed Site Plan
Sheet

22.167 Project_no.
DA003 Sheet_no.
C Issue



Keynotes	
Code	**Description**
HR	Handrail
OW	Operable wall
TGSI	Tactile ground surface indicator

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
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Project: Leppington Anglican College

Address: 50 Heath Road, Leppington

Issue	Date	Subject
B	01.11.2023	Council RFI #2 response
A	25.07.2023	DA Issue

PA

0 2 5 8m

North

Scale:	1:100
Sheet size:	A1
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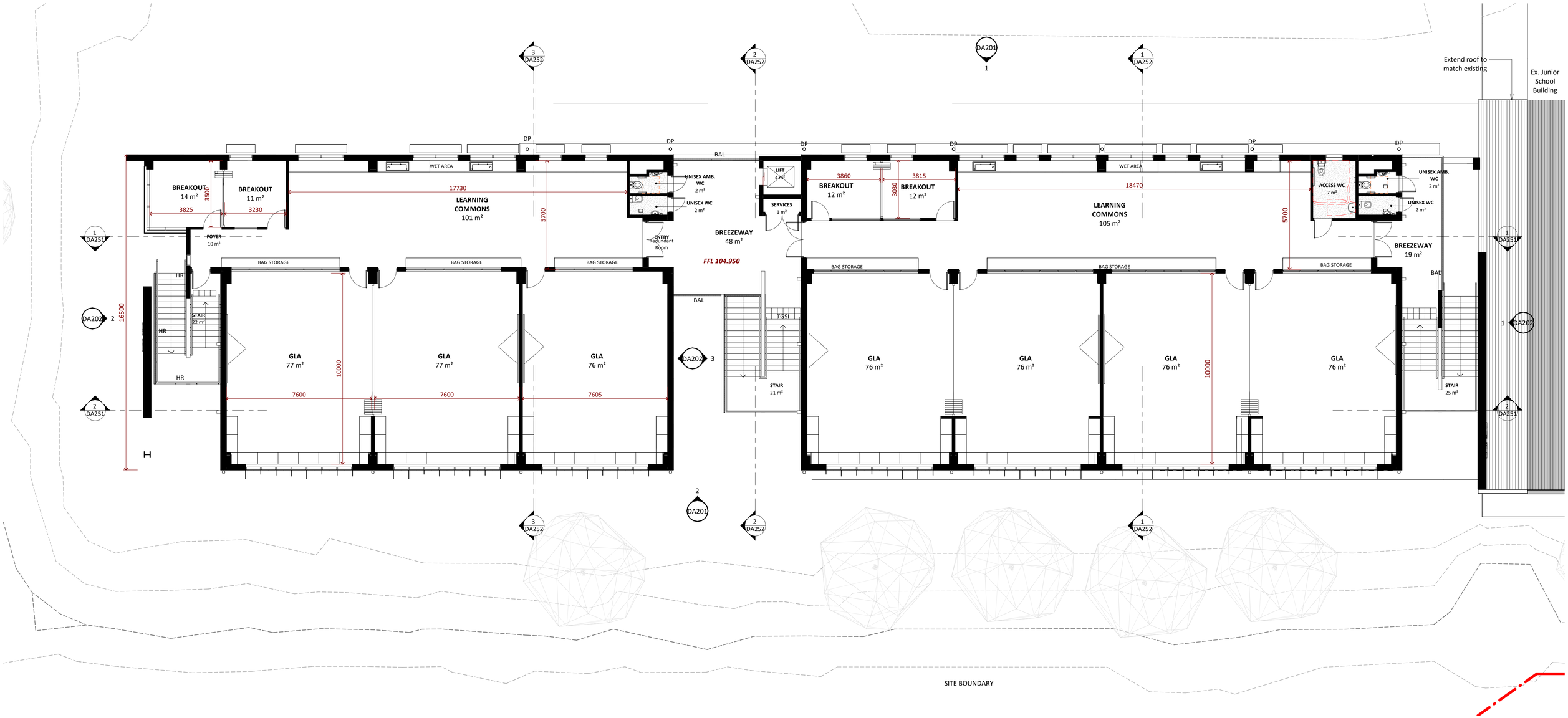
Verified:	DTB

DEVELOPMENT APPLICATION

Level 1 Floor Plan
Sheet

22.167	DA101	B
Project_no.	Sheet_no.	Issue



Keynotes	
Code	**Description**
BAL	Balustrade
DP	Downpipe
HR	Handrail
TGSI	Tactile ground surface indicator

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

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PA

0 2 5 8m

North

Scale:	1:100
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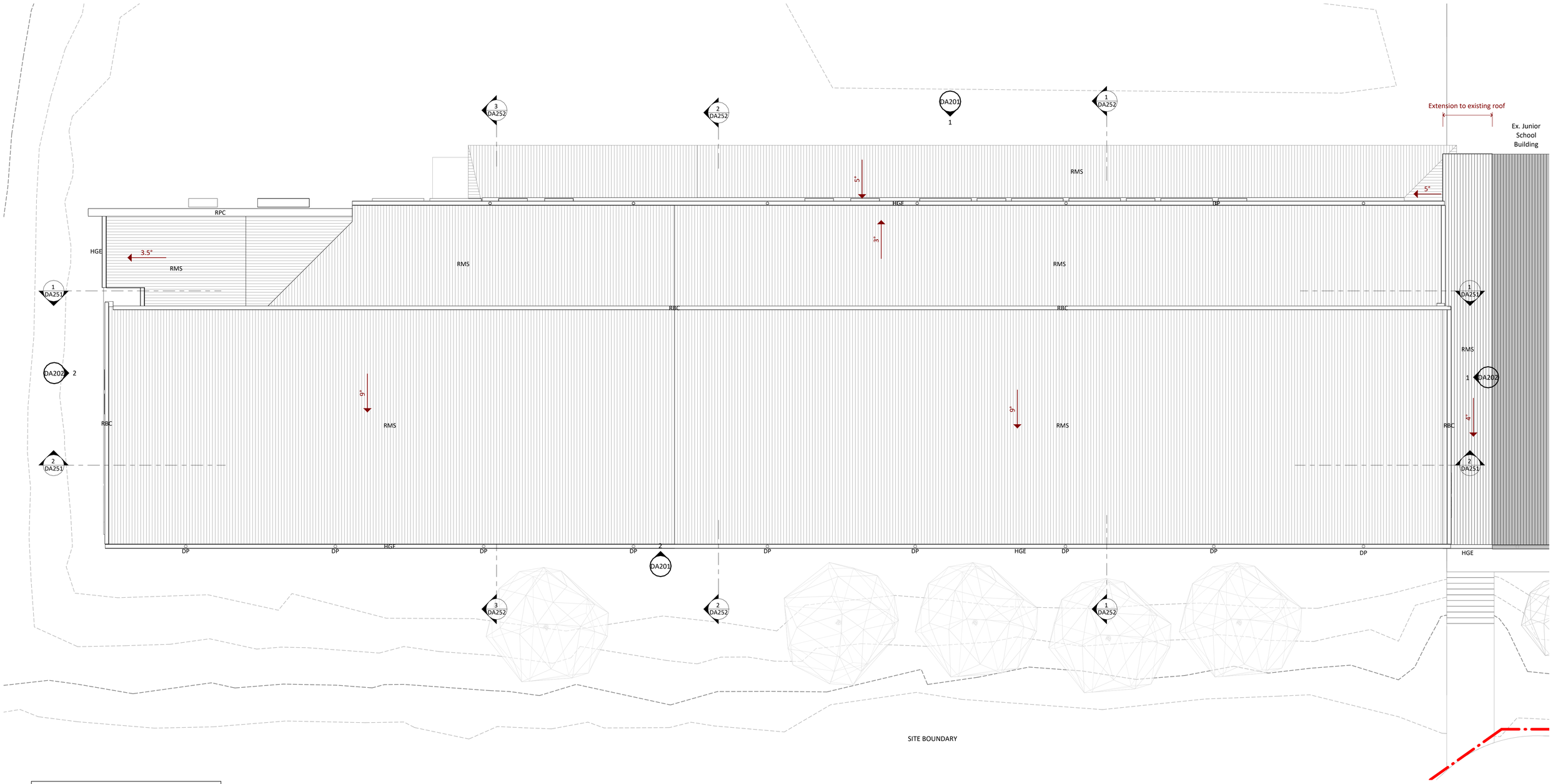
Verified:	DTB

DEVELOPMENT APPLICATION

Level 2 Floor Plan
Sheet

22.167	DA102	B
Project_no.	Sheet_no.	Issue



Keynotes	
Code	**Description**
DP	Downpipe
HGE	Eaves gutter
RBC	Metal barge capping, colour to match roof sheeting
RMS	Profiled Metal Sheet roofing
RPC	Metal parapet capping

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

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PA

0 2 5 8m

North

Scale:	1:100
Sheet size:	A1
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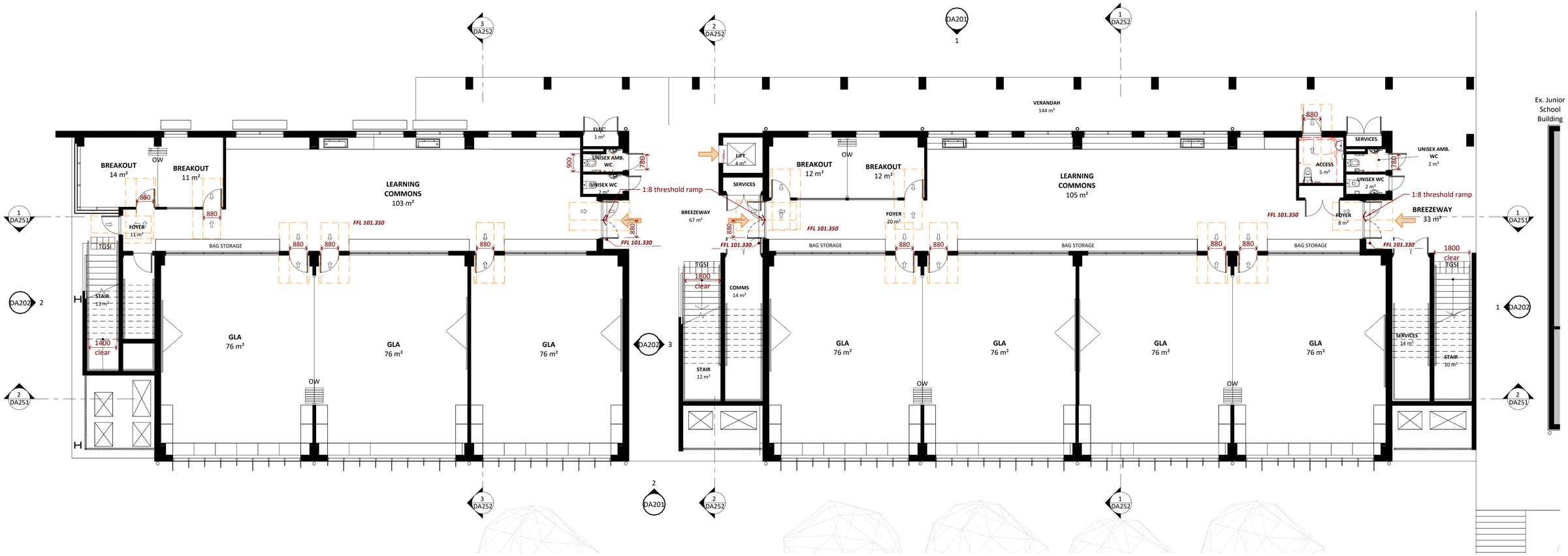
Verified:	DTB

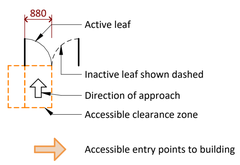
DEVELOPMENT APPLICATION

Roof Plan
Sheet

22.167	DA103	B
Project_no.	Sheet_no.	Issue



Accessible Doors



Architect
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A	25.07.2023	DA Issue

PA

0 2 5 8m

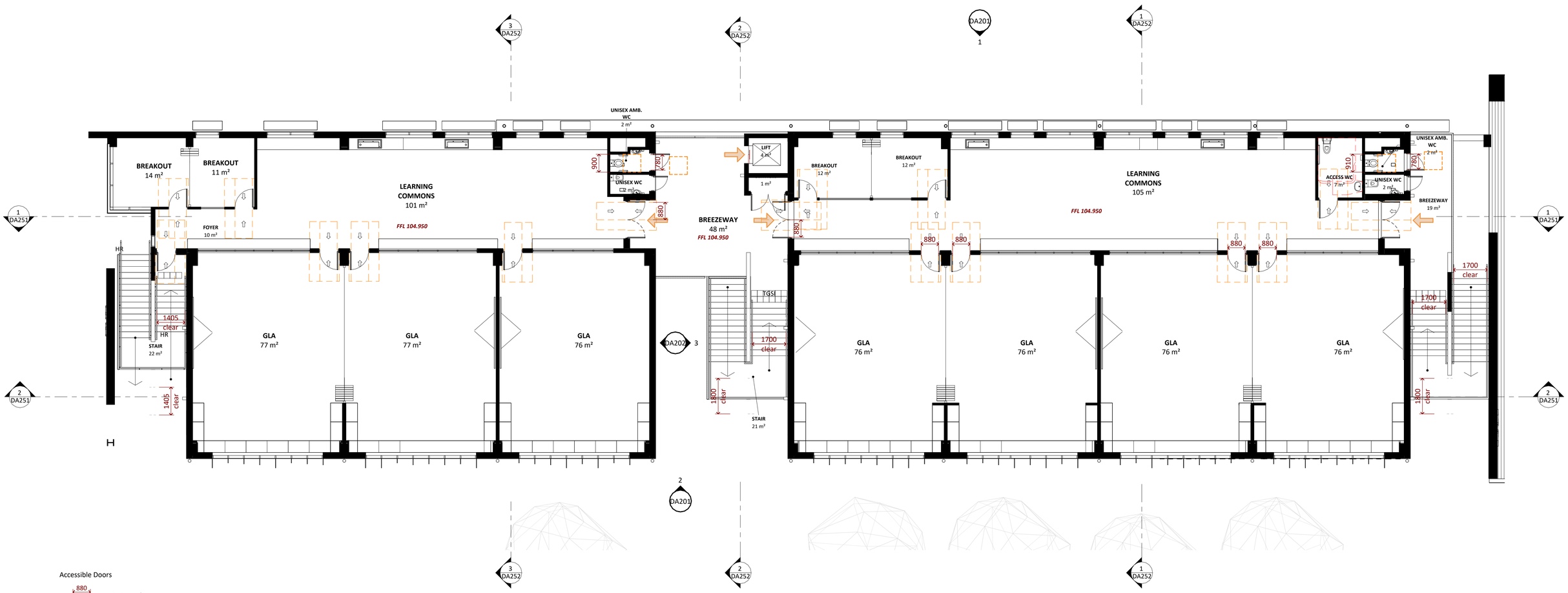
North

Scale:	1:100
Sheet size:	A1
Drawn:	DTB/MK
Checked:	DTB
Verified:	DTB

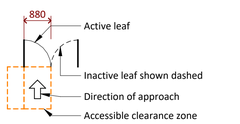
DEVELOPMENT APPLICATION

Access Plan - Level 1
Sheet

22.167 Project_no. | DA111 Sheet_no. | B Issue



Accessible Doors



Accessible entry points to building

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
P: 02 8039 8822
A: L1 695-699 George Street, Sydney NSW 2000
Newcastle
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Address
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Issue	Date	Subject
B	01.11.2023	Council RFI #2 response
A	25.07.2023	DA Issue

PA

0 2 5 8m

North

Scale:	1:100
Sheet size:	A1
Drawn:	DTB/MK
Checked:	DTB
Verified:	DTB

DEVELOPMENT APPLICATION

Access Plan - Level 2
Sheet

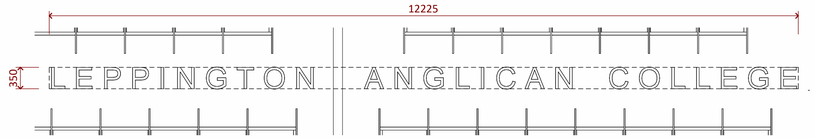
22.167	DA112	B
Project_no.	Sheet_no.	Issue

Keynotes	
Code	**Description**
BAL	Balustrade
CCP	Concrete column, paint finish
CFC3	Fibre cement ceiling - Type 3
DP	Downpipe
GLE	External glazing
LVR	Louvre screen
PCA6	
RBC	Metal barge capping, colour to match roof sheeting
RFA	Fascia
RMS	Profiled Metal Sheet roofing
RMS1	Profiled Metal Sheet roofing - Type 1

Keynotes	
Code	**Description**
RPC	Metal parapet capping
SCD1	Sun control device - Type 1
SCD2	Sun control device - Type 2
SCD3	Sun control device - Type 3
SIG1	Sign - Type 1
WCP1	Painted concrete - Type 1
WCP2	Painted concrete - Type 2
WFC1	Fibre cement cladding - Type 1
WFC2	Fibre cement cladding - Type 2
WMS1	Metal Screen - Type 1

Signage Elevation - SIG1 School Name

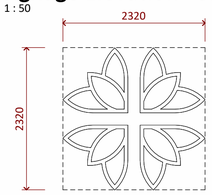
1 : 50



Singage dimensions: 12.2m x 0.35m
Signage Area: 4.27m²
Signage Material: Individual Stainless Steel Lettering

Signage Elevation - SIG2 School Logo

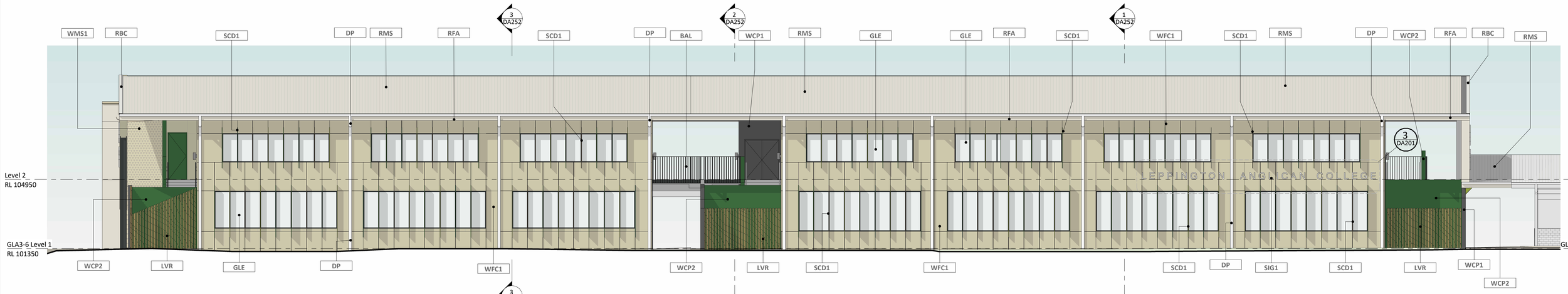
1 : 50



Singage dimensions: 2.32m x 2.32m
Signage Area: 5.38m²
Signage Material: Individually cut metal logo in either Stainless Steel or pre-coloured metal in school colours (green / blue)

North Elevation

1 : 100



South Elevation

1 : 100

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
P: 02 8039 8822
A: L1 695-699 George Street, Sydney NSW 2000
Newcastle
P: 02 4040 9778
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W: www.alleanza.com.au

Client
The Anglican Schools Corporation

Project
Leppington Anglican College

Address
50 Heath Road, Leppington

Issue	Date	Subject
B	01.11.2023	Council RFI #2 response
A	25.07.2023	DA Issue

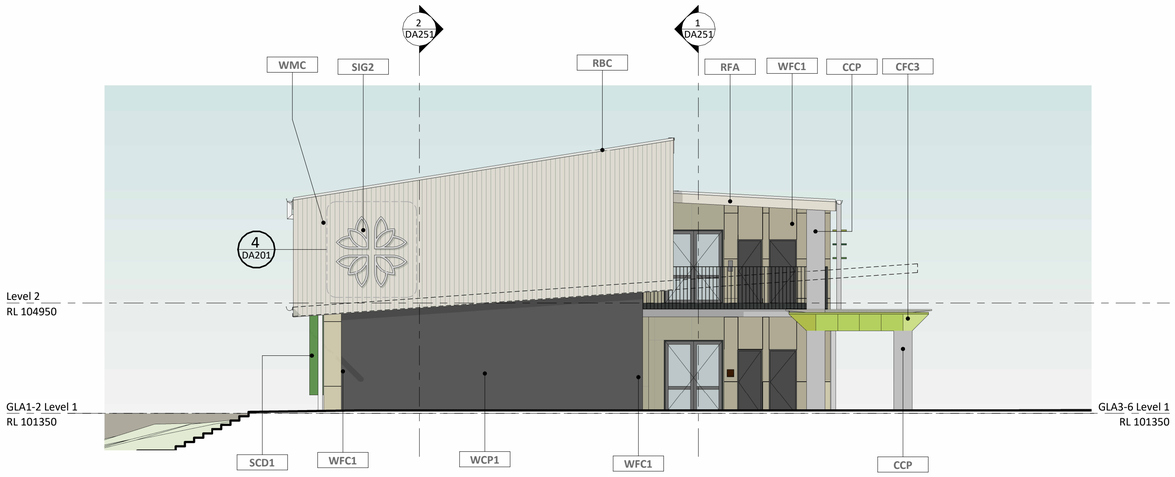
PA 0 2 5 8m

Scale:	1:100
Sheet size:	A1
Drawn:	MK
Checked:	DTB
Verified:	DTB

DEVELOPMENT APPLICATION

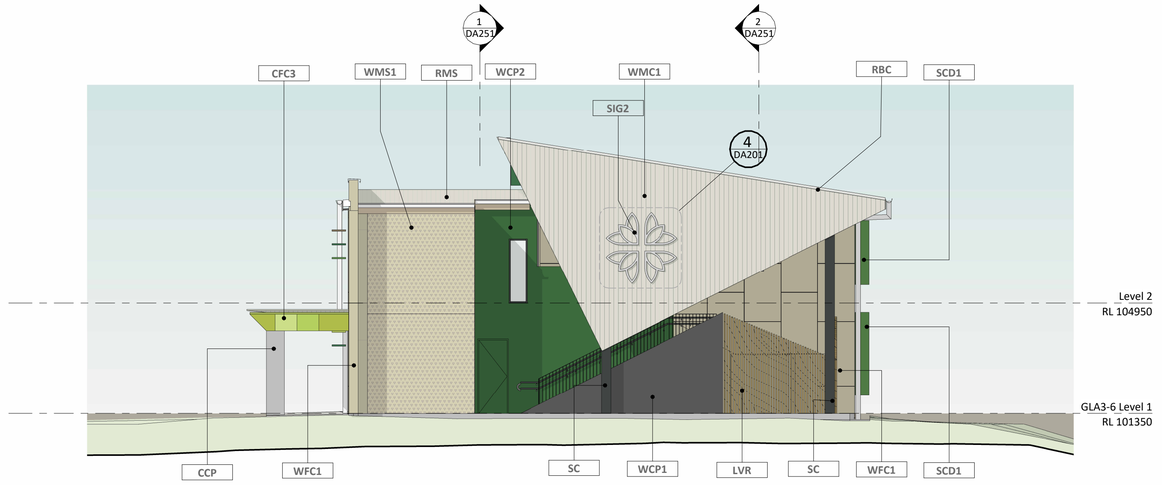
Building Elevations - Sheet 1
Sheet

22.167	DA201	B
Project_no.	Sheet_no.	Issue



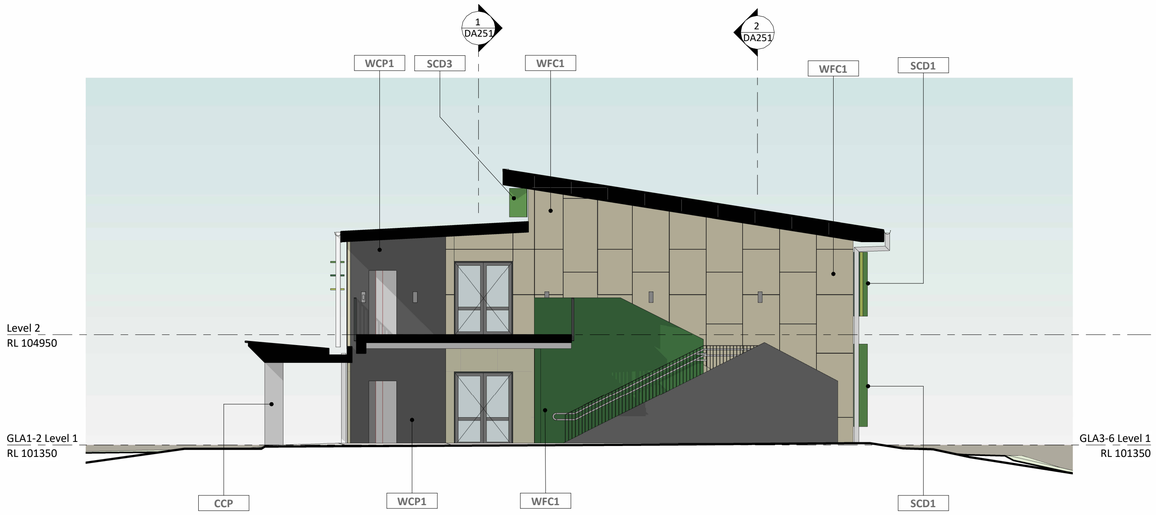
East Elevation

1 : 100



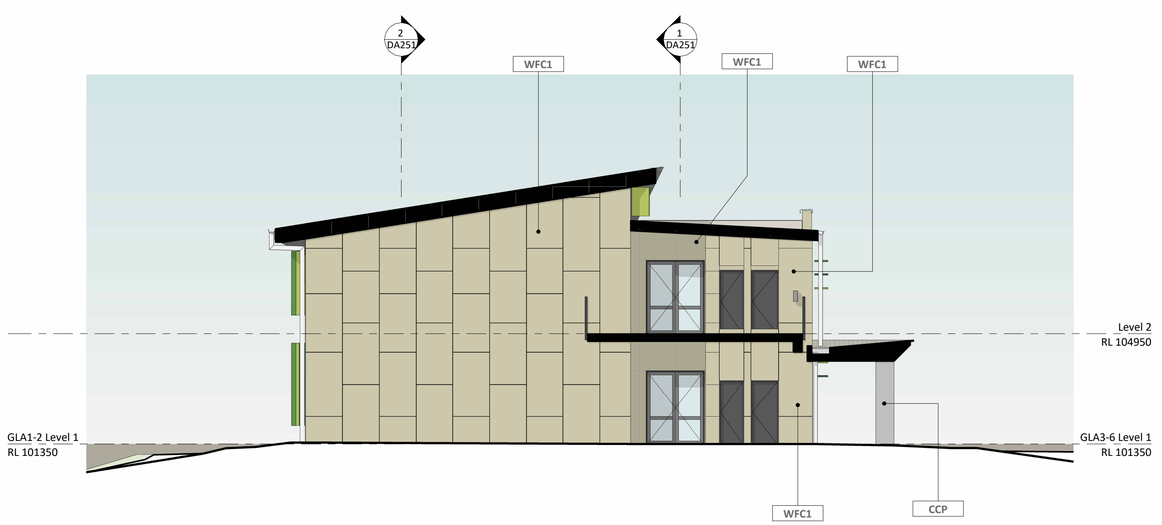
West Elevation

1 : 100



Stage 3 West Elevation

1 : 100



Stage 4 East Elevation

1 : 100

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
P: 02 8039 8822
A: L1 695-699 George Street, Sydney NSW 2000
Newcastle
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W: www.alleanza.com.au

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Leppington Anglican College

Address
50 Heath Road, Leppington

Issue	Date	Subject
B	01.11.2023	Council RFI #2 response
A	25.07.2023	DA Issue

PA

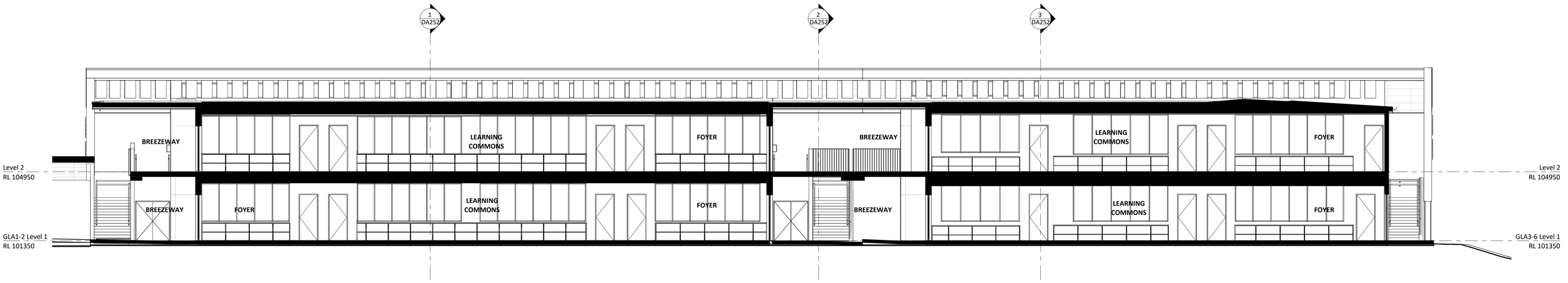
0 2 5 8m

Scale:	1:100
Sheet size:	A1
Drawn:	MK
Checked:	DTB
Verified:	DTB

DEVELOPMENT APPLICATION

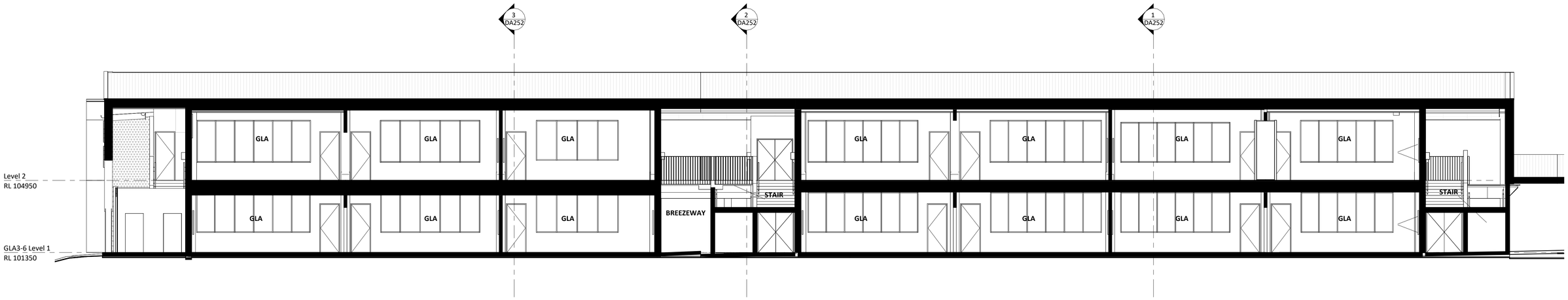
Building Elevations - Sheet 2
Sheet

22.167	DA202	B
Project_no.	Sheet_no.	Issue



Long Section 1

1 : 100



Long Section 2

1 : 100

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
P: 02 8039 8822
A: L1 695-699 George Street, Sydney NSW 2000
Newcastle
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The Anglican Schools Corporation

Project
Leppington Anglican College

Address
50 Heath Road, Leppington

Issue	Date	Subject
B	01.11.2023	Council RFI #2 response
A	25.07.2023	DA Issue

PA

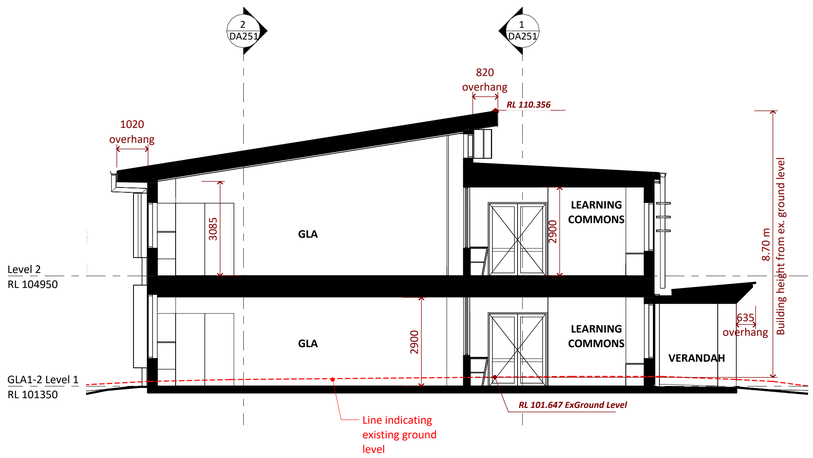
0 2 5 8m

DEVELOPMENT APPLICATION

Scale:	1:100
Sheet size:	A1
Drawn:	MK
Checked:	DTB
Verified:	DTB

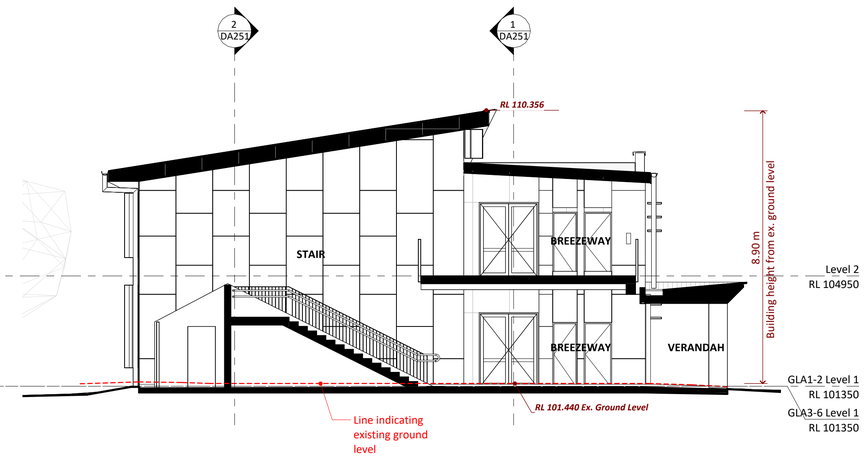
Building Sections - Sheet 1
Sheet

22.167	DA251	B
Project_no.	Sheet_no.	Issue



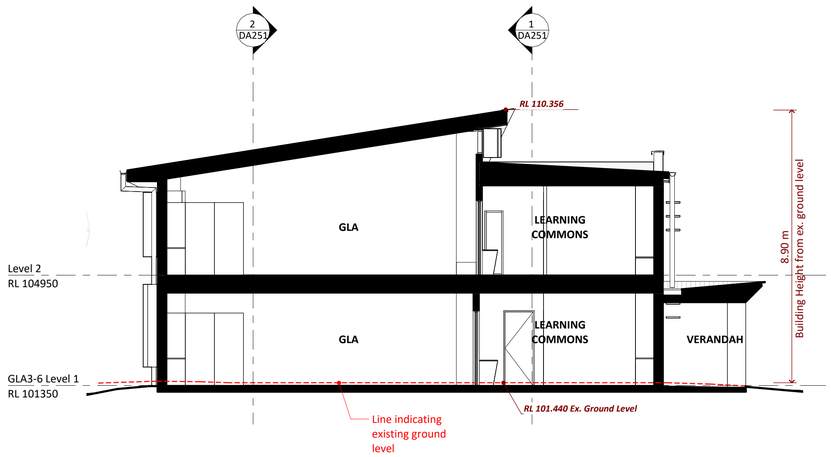
Cross Section 1

1 : 100



Cross Section 2

1 : 100



Cross Section 3

1 : 100

Architect

ALLEANZA ARCHITECTURE

Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
P: 02 8039 8822
A: L1 695-699 George Street, Sydney NSW 2000
Newcastle
P: 02 4040 9778
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Client
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Project
Leppington Anglican College

Address
50 Heath Road, Leppington

Issue	Date	Subject
C	01.11.2023	Council RFI #2 response
B	26.09.2023	Council RFI response
A	25.07.2023	DA Issue

PA

0 2 5 8m

DEVELOPMENT APPLICATION

Building Sections - Sheet 2
Sheet

Scale:	1:100
Sheet size:	A1
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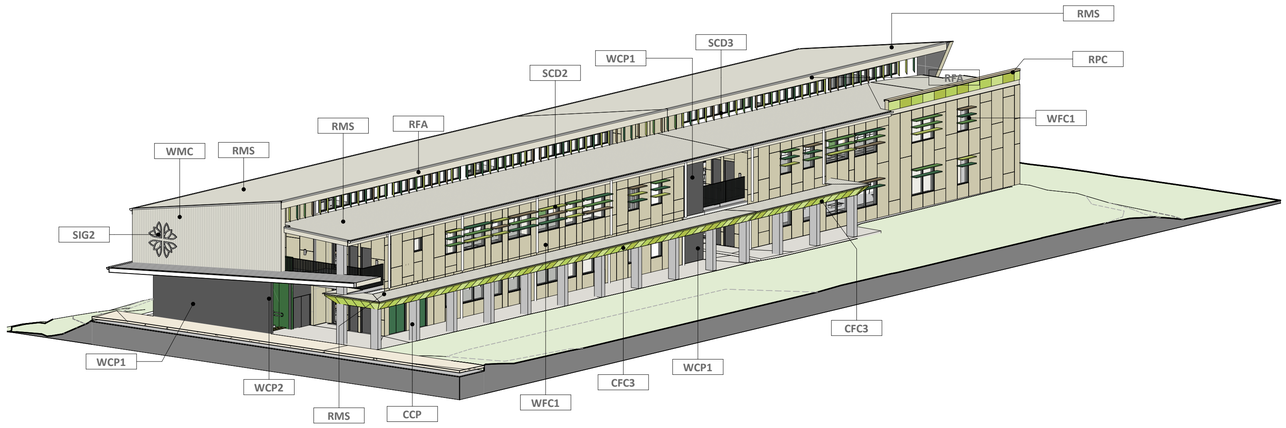
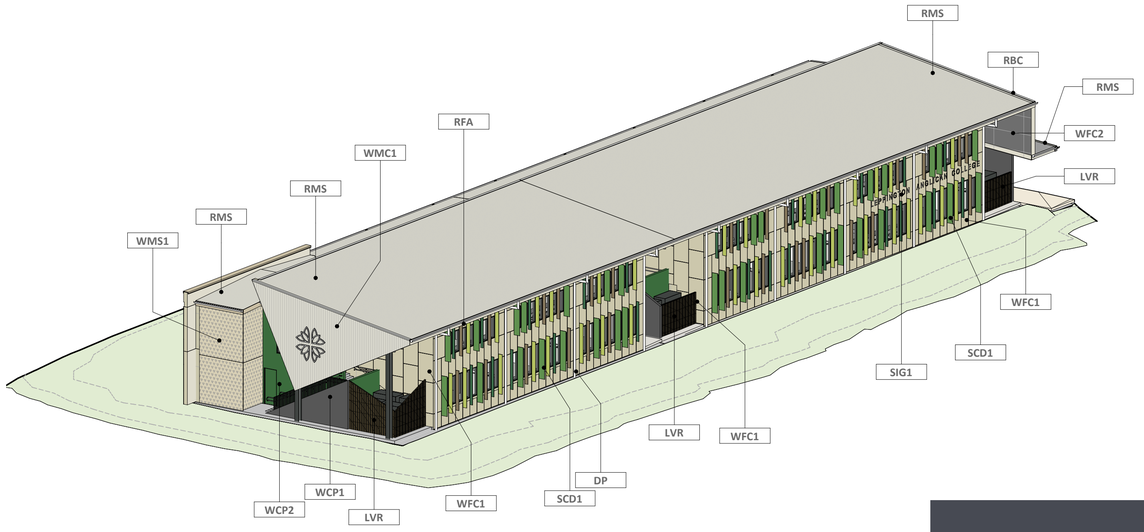
Checked:	DTB
Verified:	DTB

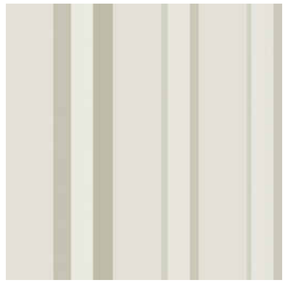
22.167 Project_no. | DA252 Sheet_no. | C Issue



2 Finishes Axo 1_Northeast



3 Finishes Axo 1_Southwest



RMS & WMC

Profiled metal roof sheeting & cladding

RBC, RFA

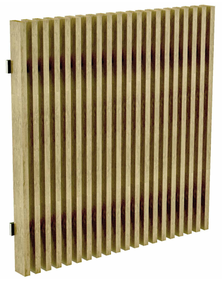
Roof cappings, flashings & fascias

SCD1 & SCD3

Fixed vertical sunshade blades in feature colours

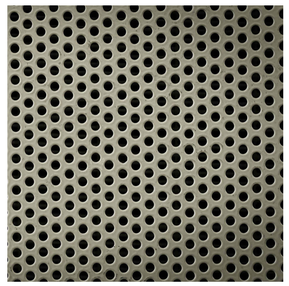
SCD2

Fixed horizontal sunshade blades in feature colours



LVR

Timberlook aluminium batten screen



WMS1

Perforated Metal Screens

CFC3

Painted Fibre Cement Soffit, 3 x Feature Colours

CCP

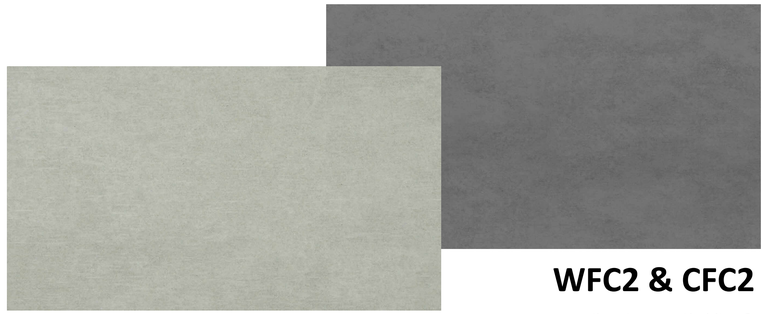
Painted Concrete Columns - Light grey

WCP1

Painted Off-form Concrete - Charcoal

WCP2

Painted Off-form Concrete - Feature Colour



WFC1 & CFC1

Fibre Cement Cladding & Soffit, Type 1

WFC2 & CFC2

Fibre Cement Cladding & Soffit, Type 2

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

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Project
Leppington Anglican College

Address
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Issue	Date	Subject	PA
B	01.11.2023	Council RFI #2 response	
A	25.07.2023	DA Issue	

Scale:	
Sheet size:	A1
Drawn:	MK
Checked:	DTB
Verified:	DTB

DEVELOPMENT APPLICATION

External Finishes
Sheet

22.167 Project_no. | DA300 Sheet_no. | B Issue

Blocks D&E |
Approach from South

Blocks D&E |
Approach from Southwest

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

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A	25.07.2023	DA Issue	

DEVELOPMENT APPLICATION

Scale:	NTS
Sheet size:	A1
Drawn:	MK
Checked:	DTB
Verified:	DTB

Perspective Views
Sheet

22.167 Project_no. | DA900 Sheet_no. | B Issue

Blocks D&E **| Approach from East**

Blocks D&E **| Approach from North**

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

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A	25.07.2023	DA Issue

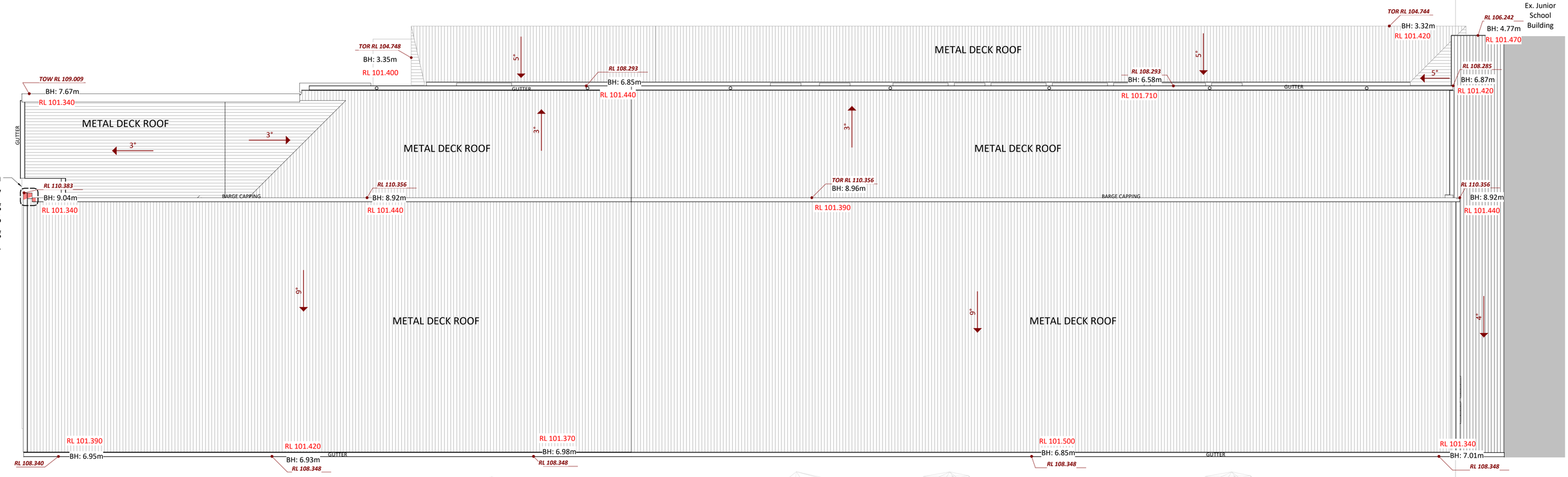
PA

Scale:	NTS
Sheet size:	A1
Drawn:	MK
Checked:	DTB
Verified:	DTB

DEVELOPMENT APPLICATION

Perspective Views
Sheet

22.167	DA901	B
Project_no.	Sheet_no.	Issue

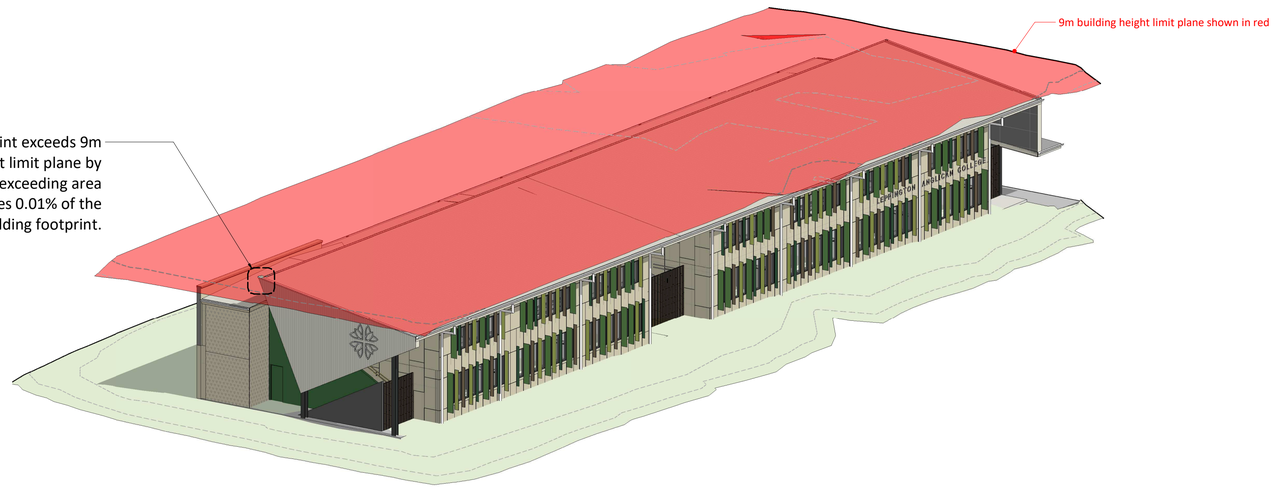


BH: 3.35m Building height from natural ground at spot level

RL 101.000 Existing spot level at natural ground level

RL 101.000 Proposed spot level on building

Area that passes through plane of height limit



2 3D diagram

Architect
ALLEANZA ARCHITECTURE
Nominated Architect: Charles Glanville NSW Registration No. 3130

Sydney
P: 02 8039 8822
A: L1 695-699 George Street, Sydney NSW 2000
Newcastle
P: 02 4040 9778
A: 797 Hunter Street, Newcastle NSW 2302
W: www.alleanza.com.au

Client
The Anglican Schools Corporation

Project
Leppington Anglican College

Address
50 Heath Road, Leppington

Issue	Date	Subject
A	18.10.2023	RFI no. 2

PA

0 2 5 8m

Scale:	1:100
Sheet size:	A1
Drawn:	MK
Checked:	DTB
Verified:	

DEVELOPMENT APPLICATION

Height Limit Comparison Plan

Sheet

22.167	DA910	A
Project_no.	Sheet_no.	Issue

PROJECT: ANGLICAN SCHOOL - LEPPINGTON

PLANSET: STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN

CLIENT: SYDNEY ANGLICAN SCHOOLS CORPORATION

DRAWING LIST		
DWG NO.	REV	DWG TITLE
GENERAL		
PS16-A000	G	COVER SHEET
PS16-A050	C	GENERAL OVERVIEW PLAN
CONSTRUCTION MANAGEMENT WORKS		
PS16-B300	B	SEDIMENT & EROSION CONTROL PLAN
PS16-B310	B	SEDIMENT & EROSION CONTROL DETAILS
DRAINAGE WORKS		
PS16-E100	E	STORMWATER PLAN
PS16-E600	F	OSD CATCHMENT PLAN, MODEL AND RESULTS
PS16-E700	E	WATER QUALITY CATCHMENT PLAN, MODEL AND RESULTS

LOCALITY PLAN
NOT TO SCALE

LGA: CITY OF CAMDEN COUNCIL

50 HEATH ROAD AND 26 BYRON ROAD LEPPINGTON NSW
LOT48 DP 8979

DA: 2022/574/1

DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
G	**RFI RESPONSE**	**28/11/2023**	**SSH**	**PC**	**TH**	**TH**
F	TO ADDRESS COUNCIL RFI	20/10/2023	PC	PC	TH	TH
E	MINOR AMENDMENTS	03/10/2023	YI	PC	TH	TH
D	MINOR AMENDMENTS	29/09/2023	NP	PC	TH	TH
C	MINOR AMENDMENTS	09/08/2023	YI	PC	TH	TH
B	MINOR AMENDMENTS	28/07/2023	YI	PC	TH	TH
A	INITIAL RELEASE	22/05/2023	RK	PC	TH	TH

SCALE

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A1 / A3 LANDSCAPE (A1LC_v02.0.01)

GRID: ---
DATUM: ---
PROJECT MANAGER: TH

CLIENT: SYDNEY ANGLICAN SCHOOLS CO

PROJECT NAME/PLANSET TITLE
ANGLICAN SCHOOL - LEPPINGTON
STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN
50 HEATH ROAD AND 26 BYRON ROAD LEPPINGTON NSW
LOT48 DP 8979

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DRAWING TITLE: COVER SHEET

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1504640	PS16	R07	PS16-A000	G

DRAWING ID: P1504640-PS16-R07-A000

DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	MINOR AMENDMENTS	03/10/2023	YI	PC	TH	TH
B	MINOR AMENDMENTS	29/09/2023	NP	PC	TH	TH
A	INITIAL RELEASE	22/05/2023	RK	PC	TH	TH

SCALE
0 10 20 30 40 50 60 70 80 90 100 METRES
A1 (A3) 1:1,000 (1:2,000)

GRID	DATUM	PROJECT MANAGER
MGA	mAHD	TH

CLIENT
SYDNEY ANGLICAN SCHOOLS CO

PROJECT NAME/PLANSET TITLE
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STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN
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DRAWING TITLE
GENERAL OVERVIEW PLAN

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1504640	PS16	R07	PS16-A050	C

DRAWING ID: P1504640-PS16-R07-A050

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A1 / A3 LANDSCAPE (ATLC_v02.0.01)

NOTE:
- TO BE READ IN CONJUNCTION WITH SEDIMENT AND EROSION CONTROL DETAILS.

KEY

- EXISTING CONTOURS
- SEDIMENT FENCE
- EARTH BANK
- GEOTEXTILE INLET FILTER
- INDICATIVE STOCKPILE
- SITE BOUNDARY

DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
B	MINOR AMENDMENTS	28/07/2023	YI	PC	TH	TH
A	INITIAL RELEASE	22/05/2023	RK	PC	TH	TH

SCALE
0 2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 22.5 25.0 METRES
A1 (A3) 1:250 (1:500)

GRID	DATUM	PROJECT MANAGER
MGA	mAHD	TH

CLIENT
SYDNEY ANGLICAN SCHOOLS CO

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PROJECT NAME/PLANSET TITLE
ANGLICAN SCHOOL - LEPPINGTON
STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN
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DRAWING TITLE
SEDIMENT & EROSION CONTROL PLAN

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1504640	PS16	R06	PS16-B300	B

DRAWING ID: P1504640-PS16-R06-B300

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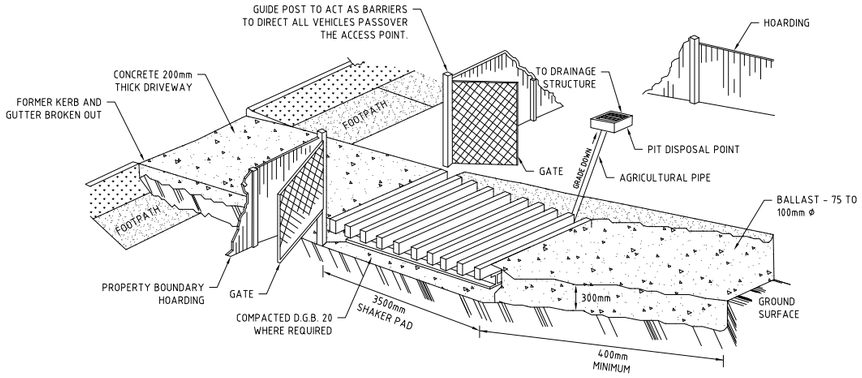
A1 / A3 LANDSCAPE (A1LC_v02.0.01)

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 ADJCENT 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.

SHAKER PAD (CATTLE GRID)

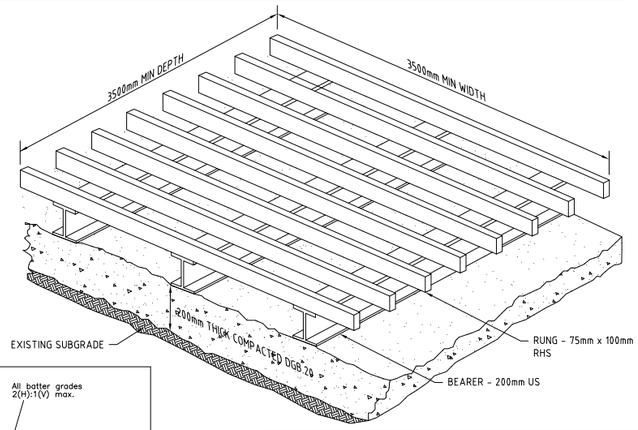
A CORRECTLY DESIGNED AND INSTALLED SHAKER PAD WILL ASSIST IN PREVENTING SEDIMENT TRANSFERE FROM A SITE. ANY STABILISED ACCESS POINT (SAP) CAN BE DESIGNED WITH A SHAKER PAD (COMPULSOPRY IN TYPE II SAP'S)

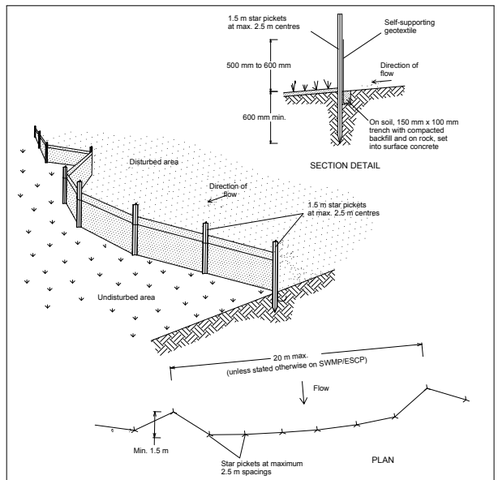
SHAKER PADS CAN BE DESIGNED AND CONSTRUCTED TO ENABLE RE-USE ON FUTURE PROJECTS.

THE SHAKER PAD:

- MUST BE DESIGNED AND CERTIFIED BY A PRACTICING STRUCTURAL ENGINEER. THE CERTIFIED DESIGN SHOULD BE SUBMITTED WITH THE RELEVENT 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 MINIMUN 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 ROP 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.

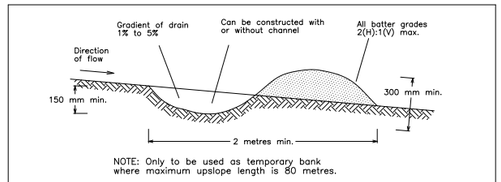




Construction Notes

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 1.5 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.

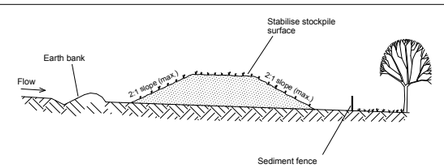
SEDIMENT FENCE — SD 6-8



Construction Notes

1. Build with gradients between 1 percent and 5 percent.
2. Avoid removing trees and shrubs if possible - work around them.
3. Ensure the structures are free of projections or other irregularities that could impede water flow.
4. Build the drains with circular, parabolic or trapezoidal cross sections, not V shaped.
5. Ensure the banks are properly compacted to prevent failure.
6. Complete permanent or temporary stabilisation within 10 days of construction.

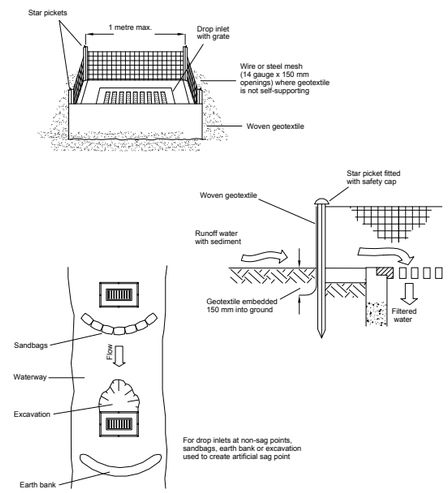
EARTH BANK (LOW FLOW) — SD 5-5



Construction Notes

1. Place stockpiles more than 2 (preferably 5) metres from existing vegetation, concentrated water flow, roads and hazard areas.
2. Construct on the contour as low, flat, elongated mounds.
3. Where there is sufficient area, topsoil stockpiles shall be less than 2 metres in height.
4. Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
5. Construct earth banks (Standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (Standard Drawing 6-8) 1 to 2 metres downslope.

STOCKPILES — SD 4-1



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

DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
B	MINOR AMENDMENTS	03/10/2023	YI	PC	TH	TH
A	INITIAL RELEASE	22/05/2023	RK	PC	TH	TH

SCALE

GRID	DATUM	PROJECT MANAGER
---	---	TH

CLIENT: SYDNEY ANGLICAN SCHOOLS CO

PROJECT NAME/PLANSET TITLE: ANGLICAN SCHOOL - LEPPINGTON
STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN
50 HEATH ROAD AND 26 BYRON ROAD LEPPINGTON NSW
LOT48 DP 8979

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DRAWING TITLE: SEDIMENT & EROSION CONTROL DETAILS

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1504640	PS16	R06	PS16-B310	B

DRAWING ID: P1504640-PS16-R06-B310

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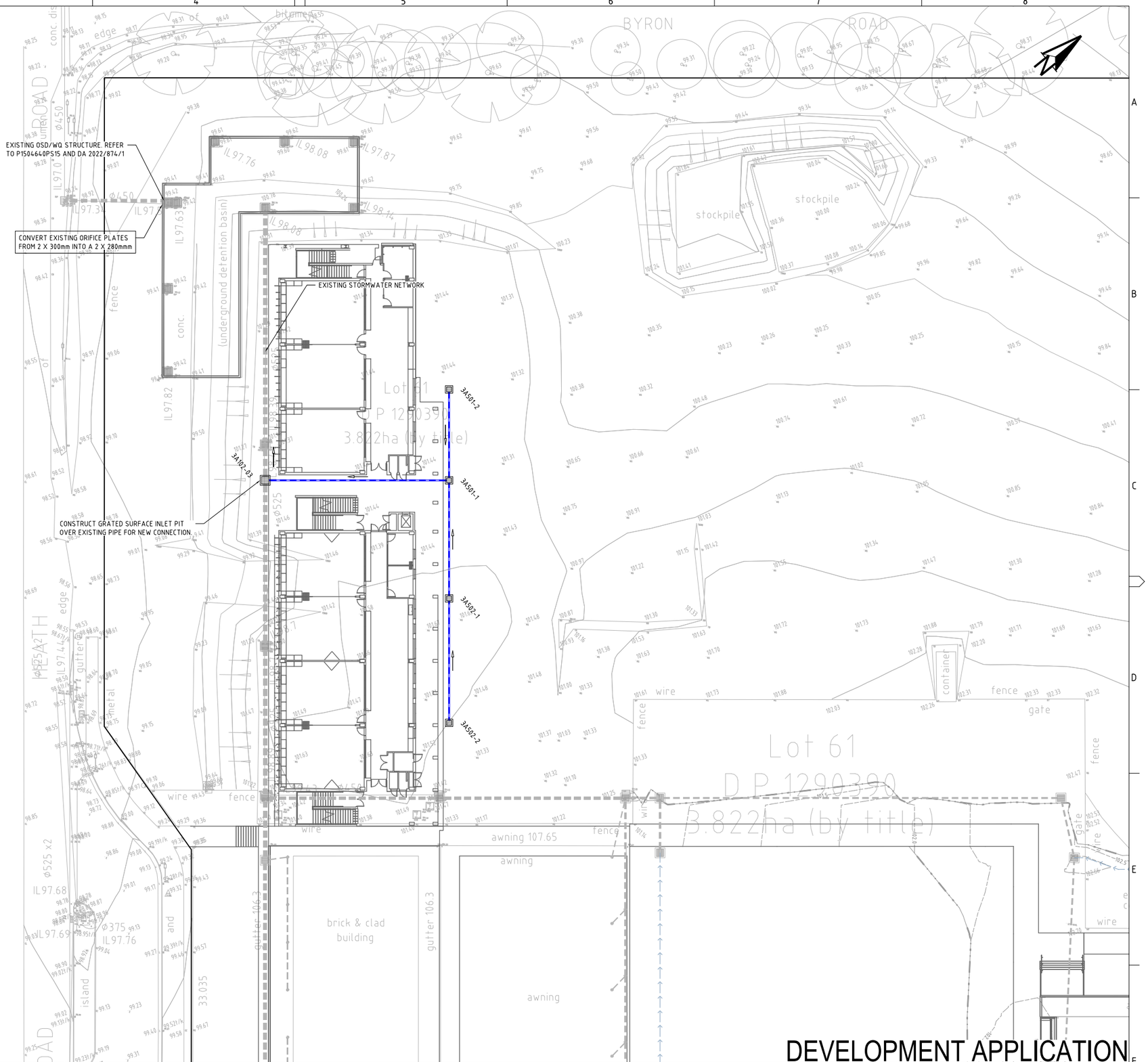
A1 / A3 LANDSCAPE (A1LC_v02.0.01)



NOTES:
1. ALL PITS/GRATES TO BE HEELPROOF AND GALVANISED
2. ALL BUILDING GUTTERING AND DOWNPIPES TO BE DESIGNED BY OTHERS.

KEY

- FINAL SURFACE CONTOURS
- STORMWATER PIPELINE
- EXISTING STORMWATER PIPELINE
- EXISTING PITS
- PROPOSED PITS
- FLOW DIRECTION
- OVERLAND FLOW DIRECTION
- SWALE
- SITE BOUNDARY

DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
E	**RFI RESPONSE**	**28/11/2023**	**SSH**	**PC**	**TH**	**TH**
D	MINOR AMENDMENTS	03/10/2023	YI	PC	TH	TH
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B	MINOR AMENDMENTS	28/07/2023	YI	PC	TH	TH
A	INITIAL RELEASE	22/05/2023	RK	PC	TH	TH

SCALE
0 2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 22.5 25.0 METRES
A1 (A3) 1:250 (1:500)

GRID	DATUM	PROJECT MANAGER
MGA	mAHD	TH

CLIENT
SYDNEY ANGLICAN SCHOOLS CO

PROJECT NAME/PLANSET TITLE
ANGLICAN SCHOOL - LEPPINGTON
STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN
50 HEATH ROAD AND 26 BYRON ROAD LEPPINGTON NSW
LOT48 DP 8979

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DRAWING TITLE
STORMWATER PLAN

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1504640	PS16	R07	PS16-E100	E

DRAWING ID: P1504640-PS16-R07-E100

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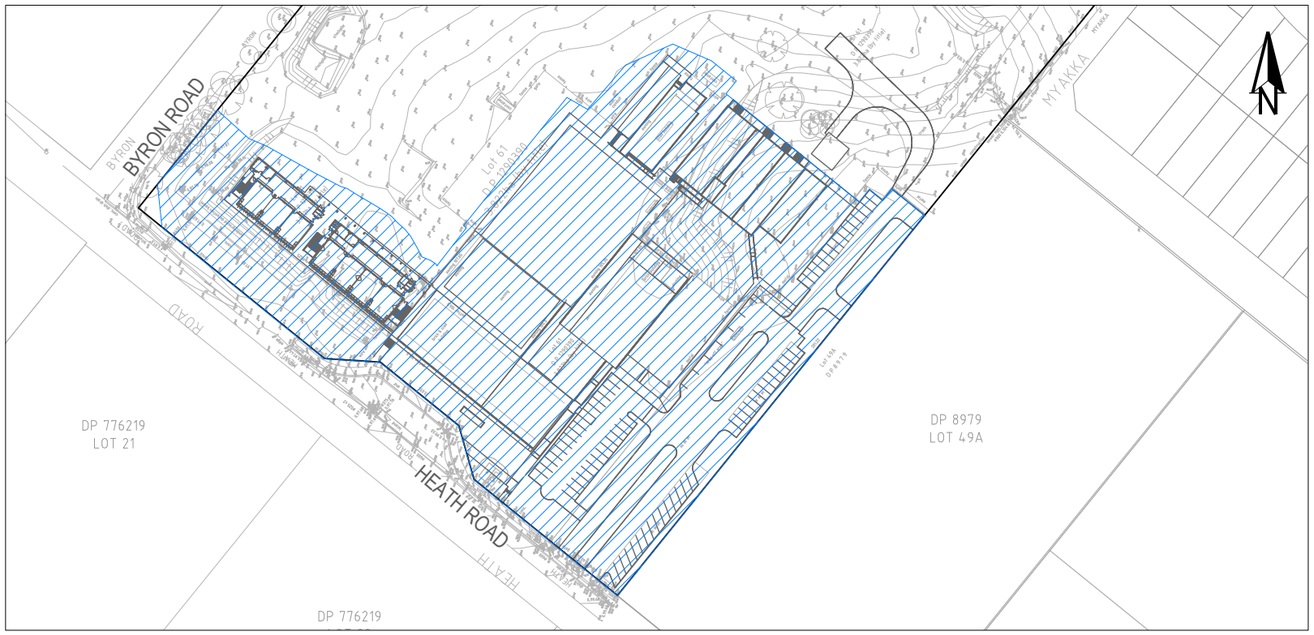
A1 / A3 LANDSCAPE (A1LC_v02.0.01)



PRE-DEVELOPMENT DRAINS CATCHMENT PLAN

SCALE 1:1000

KEY	DRAINS NODE	AREA (ha)	% PAVED
	1E-01	2.053	4%
	TOTAL AREA	2.053	= 100% OF TOTAL AREA
	TOTAL IMPERVIOUS AREA	0.081	= %4 OF TOTAL AREA
	TOTAL PERVIOUS AREA	1.972	= %96 OF TOTAL AREA

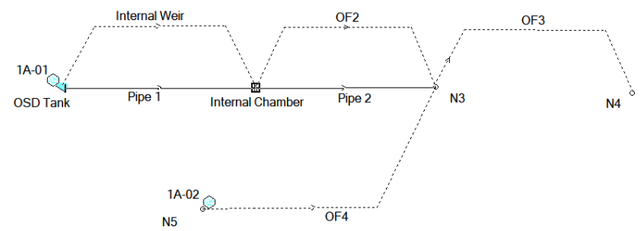
POST-DEVELOPMENT DRAINS CATCHMENT PLAN

SCALE 1:1000

KEY	DRAINS NODE	AREA (ha)	% PAVED
	1A-01	1.805	53%
	1A-02	0.247	6%
	TOTAL AREA	2.052	= 100% OF TOTAL AREA
	TOTAL IMPERVIOUS AREA	0.964	= 47% OF TOTAL AREA
	TOTAL PERVIOUS AREA	1.088	= 53% OF TOTAL AREA

AEP STORM EVENT	PRE-DEVELOPMENT PEAK FLOW (m^3/s)	POST-DEVELOPMENT PEAK FLOW (m^3/s)	POST < PRE (YES/NO)
20%	0.245	0.237	YES
10%	0.329	0.282	YES
5%	0.427	0.321	YES
2%	0.546	0.366	YES
1%	0.633	0.422	YES

DRAINS MODEL RESULTS (P1504640DRN10V09)



DRAINS MODEL LAYOUT (P1504640DRN10V09)

NOTES:

1. WATER QUANTITY OBJECTIVES (PRE DEVELOPMENT FLOWS LESS THAN POST DEVELOPMENT FLOWS) ARE ACHIEVED.

DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
E	TO ADDRESS COUNCIL RFI	20/10/2023	PC	PC	TH	TH
D	MINOR AMENDMENTS	03/10/2023	YI	PC	TH	TH
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B	MINOR AMENDMENTS	09/08/2023	YI	PC	TH	TH
A	INITIAL RELEASE	22/05/2023	RK	PC	TH	TH

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SCALE: 0 10 20 30 40 50 60 70 80 90 100 METRES — A1 (A3) 1:1,000 (1:2,000)

GRID	DATUM	PROJECT MANAGER
MGA	mAHD	TH

CLIENT: SYDNEY ANGLICAN SCHOOLS CO

PROJECT NAME/PLANSET TITLE: ANGLICAN SCHOOL - LEPPINGTON
STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN
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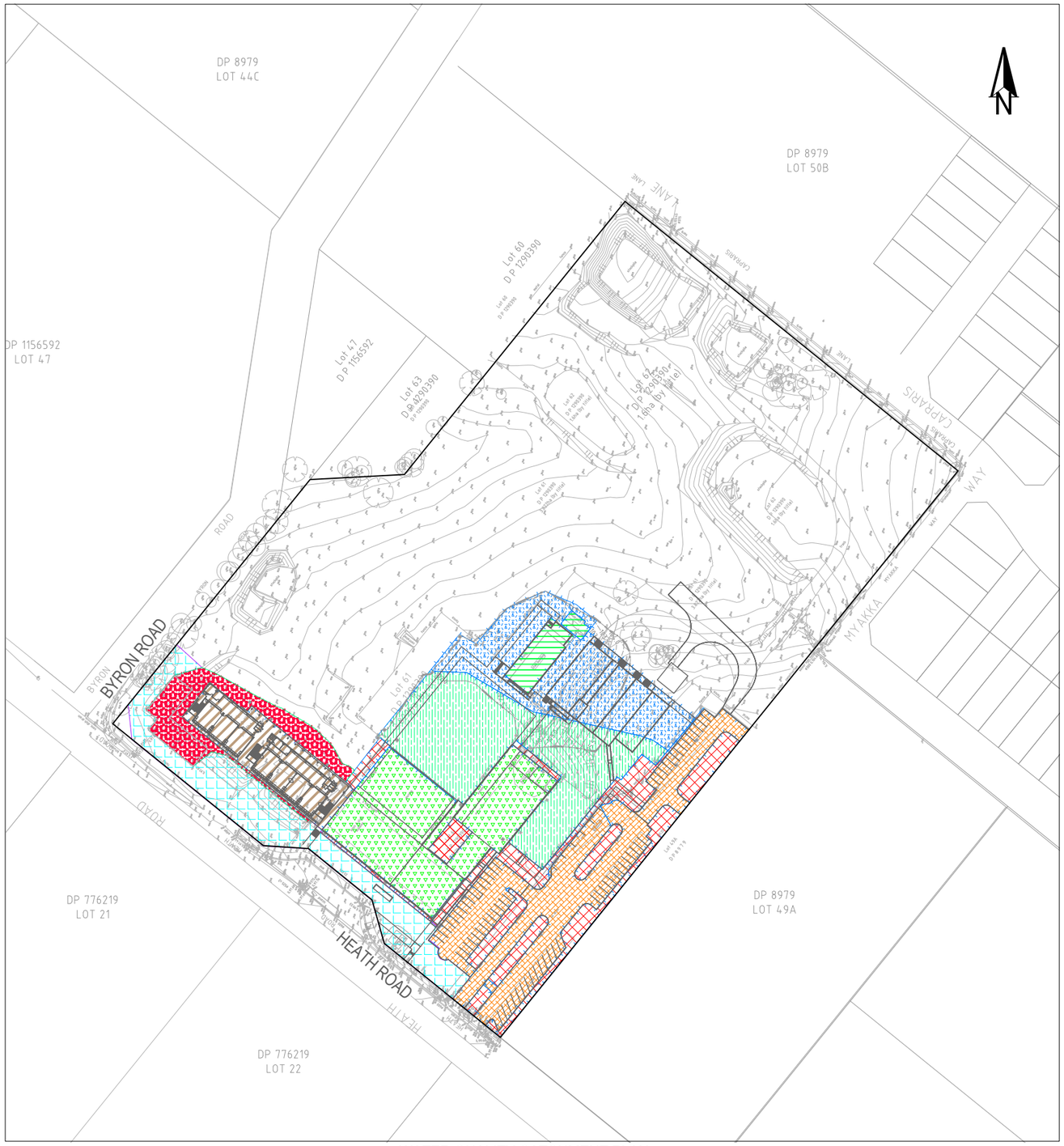
DRAWING TITLE: OSD CATCHMENT PLAN, MODEL AND RESULTS

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1504640	PS16	R06	PS16-E600	E

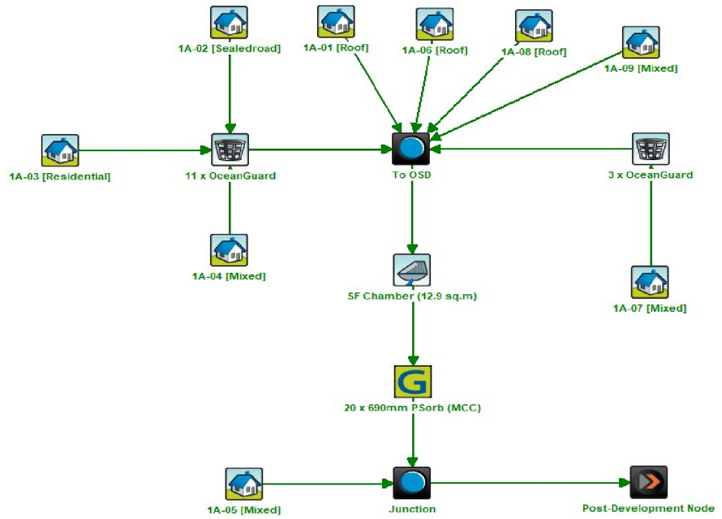
DRAWING ID: P1504640-PS16-R06-E600

A1 / A3 LANDSCAPE (A1LC_v02.0.01)



WATER QUALITY CATCHMENT PLAN

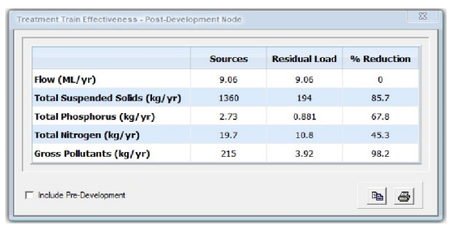
SCALE-1:1000



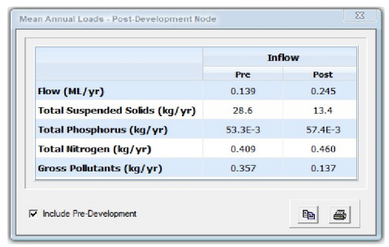
MUSIC MODEL LAYOUT (P1504640MUS06V08)

MUSIC MODEL DETAILS (P1504640MUS06V08)			
KEY	MUSIC NODE	AREA (ha)	% PAVED
	1A-01	0.307	100%
	1A-02	0.339	100%
	1A-03	0.235	15%
	1A-04	0.363	8%
	1A-05	0.247	6%
	1A-06	0.043	100%
	1A-07	0.261	14%
	1A-08	0.147	100%
	1A-09	0.111	34%
	TOTAL AREA	2.053	= 100% OF TOTAL AREA
	TOTAL IMPERVIOUS AREA	0.987	= 48% OF TOTAL AREA
	TOTAL PERVIOUS AREA	1.066	= 52% OF TOTAL AREA

NOTES:
1. REDUCTION TARGETS (TSS 85%, TP 65%, TN 45%, AND GP 90%) ARE ACHIEVED.
2. STREAM EROSION INDEX (SEI) TARGET (SEI<5) IS ACHIEVED AS SEI=0.245/0.139=1.76



MUSIC MODEL POLLUTANT REDUCTION RESULTS (P1504640MUS06V08)



MUSIC MODEL SEI RESULTS (P1504640MUS06V08)

DEVELOPMENT APPLICATION

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
E	**RFI RESPONSE**	**28/11/2023**	**SSH**	**PC**	**TH**	**TH**
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C	MINOR AMENDMENTS	29/09/2023	NP	PC	TH	TH
B	MINOR AMENDMENTS	09/08/2023	YI	PC	TH	TH
A	INITIAL RELEASE	22/05/2023	RK	PC	TH	TH

SCALE
0 10 20 30 40 50 60 70 80 90 100
A1 (A3) 1:1,000 (1:2,000) METRES

GRID	DATUM	PROJECT MANAGER
MGA	mAHD	TH

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PROJECT NAME/PLANSET TITLE
ANGLICAN SCHOOL - LEPPINGTON
STAGE 3 & 4 CONCEPT STORMWATER MANAGEMENT PLAN
50 HEATH ROAD AND 26 BYRON ROAD LEPPINGTON NSW
LOT48 DP 8979

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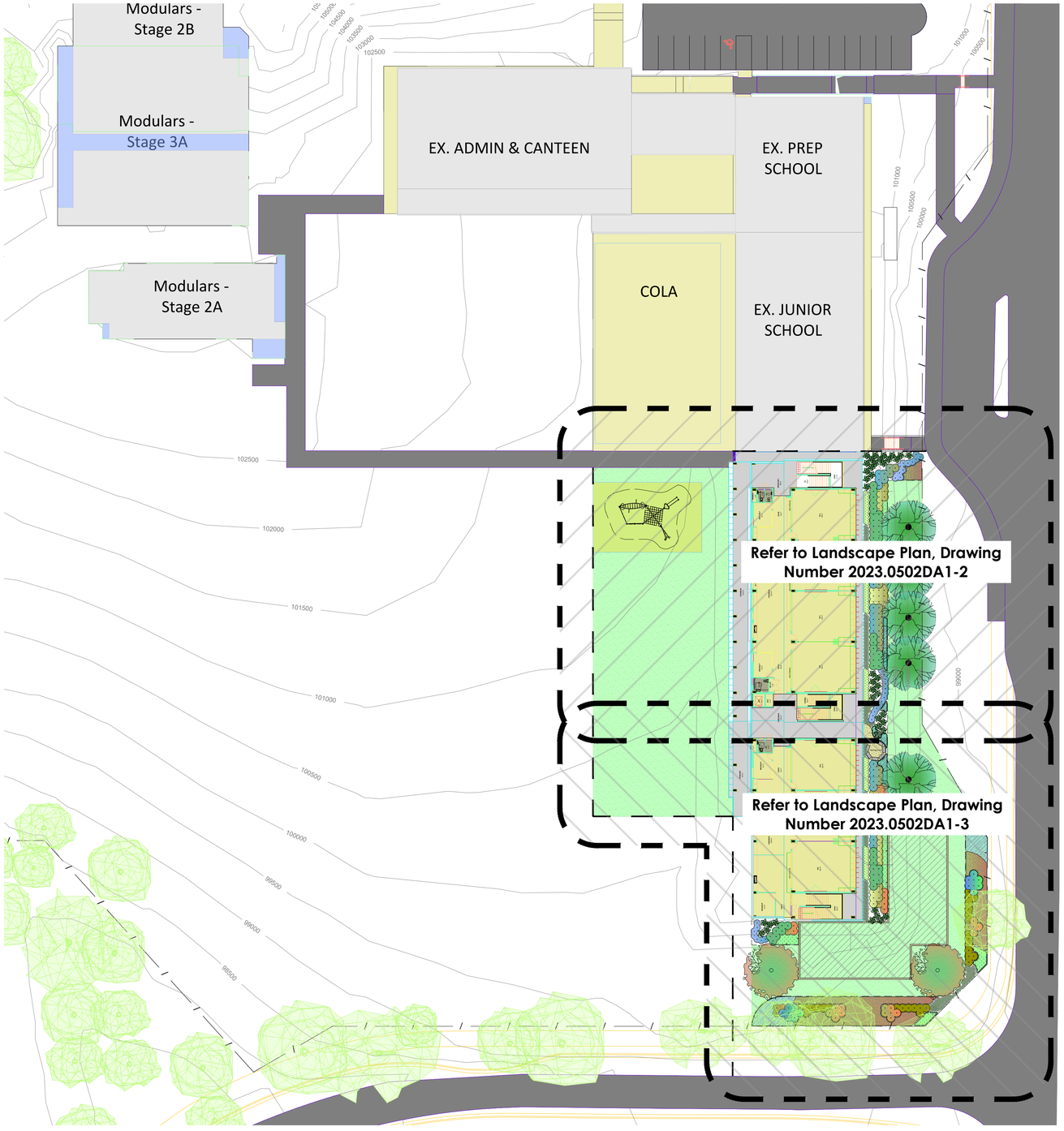
DRAWING TITLE
WATER QUALITY CATCHMENT PLAN, MODEL AND RESULTS

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1504640	PS16	R07	PS16-E700	E

DRAWING ID: P1504640-PS16-R07-E700

PRINTED: 04.12.2016 - USER: SSHWANDT
A1 / A3 LANDSCAPE (A1LC_v02.0.01)



Drawing List

2023.0502DA1-1	Landscape Plan - Cover Sheet
2023.0502DA1-2	Landscape Plan - Sheet 1
2023.0502DA1-3	Landscape Plan - Sheet 2

LANDSCAPE SITE PLAN 1 : 400

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Amendments

05/05/2023	DA Issue (for review)		
07/08/2023	DA Issue (final)		
29/09/2023	DA Issue (revised with new road alignment)		
01/11/2023	DA Issue (revised)		

Title: **LANDSCAPE PLAN (Cover Sheet)**

Date: 1st November, 2023

Client: The Anglican Schools Corporation

Drawing number: 2023.0502DA1-1

Drawn by: JB

Checked by: JB

Scale: 1 : 400@A1/1:800@A3

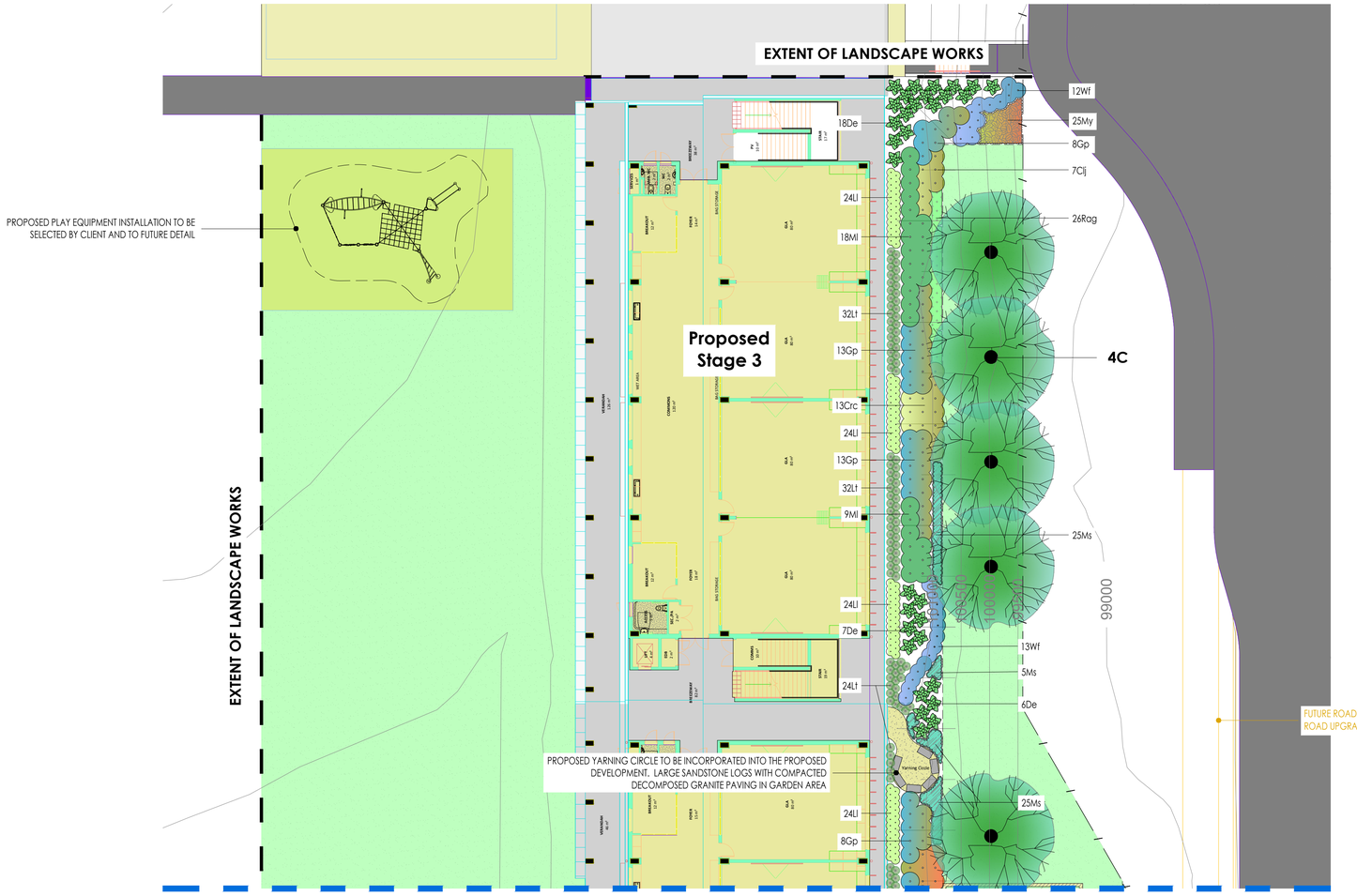
0 4 8 12 16 20 30

Issue: D

Project:
LEPPINGTON ANGLICAN COLLEGE

50 Heath Road
LEPPINGTON

North:



Refer to Landscape Plan (Sheet 2), Drawing Number 2023.0502DA1-3

LANDSCAPE PLAN 1 : 200

LEGEND

New Turf
Excavate / grade all areas to be turfed to 120mm below required finished levels. Do not excavate within 1500mm of the trunk of any existing tree to be retained. Ensure that all surface water runoff is directed towards the inlet pits, kerbs etc., and away from buildings. Ensure that no pooling or ponding will occur. Further rip the subgrade to 150mm. Install 100mm depth of imported turf underlay. Just prior to spreading the turf, spread "Shirley's No.17 lawn fertilizer" over the underlay at the recommended rate. Lay "Sir Walter Buffalo" turf rolls closely butted. Fill any small gaps with topsoil. Water thoroughly.

Proposed Yarning Circle
Large 1000mm x 500mm x 500mm sandstone logs for seating with compacted decomposed granite paved surfaces throughout garden

Brick garden edging (refer to detail)
Lay a single coarse of paving bricks in a mortar haunch (200mm wide and 100mm deep). The edges are to be laid in even curves and straight lines as shown on the plan. Edge is to finish flush with the adjacent turf and garden levels.

Existing trees or shrubs to be protected and retained during construction (refer to site survey)

Proposed powder-coated black security fences and gates to school boundary (to be selected by owner)

Proposed location of OSD basin (to Hydraulic Engineers details)

Landscaped areas
Excavate all Planting Areas to a depth of 150mm below finished levels. Cultivate subgrade a further 150mm. Supply & Install 100mm of soil mix that consists of 50% Site Top Soil (if suitable) with 50% ANL Organic Garden mix (or equivalent). Install 75mm depth of selected mulch.

Note:
Maintenance:
All landscape works are to be maintained for a period of twelve months from the date of practical completion. This includes all watering, weeding, spraying and re-mulching necessary to achieve vigorous growth. Any defects which arise during this period are to be rectified immediately. Any plants or areas of turf which fail during this period are to be replaced at no additional cost.

Irrigation:
All garden areas on the landscape plan are to be covered by a fully automatic drip irrigation system. The controller is to be equal to a 'Richdell 446 PR' and is to be housed in a control box adjacent to the electricity meter. All pipework is to be PVC to satisfy AS 1477. All installation is to satisfy the Sydney Water Code and AS 3500. The system is to be installed by a suitable licensed contractor. All equipment and workmanship is to be guaranteed for a minimum period of 12 months.

PLANT SCHEDULE

Code	Latin Name (Common Name - Mature Height)	Qty	Size	Stake
Trees				
C	Cupaniopsis anacordioides (Tuckeroo - 12m)	5	75 litre	yes
T	Tristaniopsis laurina 'DOW10' Luscious® PBR' (Water Gum - 7m)	2	75 litre	yes
Shrubs				
Cc	Callistemon citrinus (Crimson Bottlebrush - 2m)	20	200mm	-
Crc	Correa alba var. alba (Coastal Correa - 1.5m)	27	200mm	-
Clj	Callistemon 'Captain Cook' (Bottlebrush - 2m)	21	200mm	-
De	Doryanthes excelsa (Gymea Lily - 1m)	41	200mm	-
Gr	Grevillea sericea (Pink Spider Flower - 1.5m)	16	200mm	-
Gp	Grevillea 'Superb' (Grevillea - 2m)	54	200mm	-
Ml	Melaleuca bracteata 'Rev. Gold' (Bracelet Myrtle - 3m)	44	200mm	-
Wf	Westringia fruticosa 'Smokey' (Dwarf Coastal Rosemary - 1m)	60	200mm	-
Groundcovers				
Hv	Hardenbergia violacea (Happy Wanderer - 0.3m)	330	150mm pot	
Lt	Lomandra longifolia 'Tanika' (Spiny Mat Rush - 1m)	228	150mm pot	
Ll	Lomandra longifolia 'Lime Jet' (Spiny Mat Rush - 0.5m)	120	150mm pot	
Rag	Rhagodia spinescens (Aussie Flat Bush - 0.35m)	141	150mm pot	
Ta	Themeda australis (Kangaroo Grass - 0.5m)	75	150mm pot	
Ms	Microlaena stipoides (Weeping Grass - 0.5m)	55	150mm pot	
My	Myoporum parvifolium (Boobiala - 0.2m)	25	150mm pot	

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07/08/2023	DA Issue (final)		
29/09/2023	DA Issue (revised with new road alignment)		
01/11/2023	DA Issue (revised)		

Title: **LANDSCAPE PLAN (Sheet 1)**

Date: 1st November, 2023

Client: The Anglican Schools Corporation

Drawing number: 2023.0502DA1-2

Drawn by: JB

Checked by: JB

Scale: 1 : 200@A1/1:400@A3 (0 2 4 6 8 10 15)

Issue: D

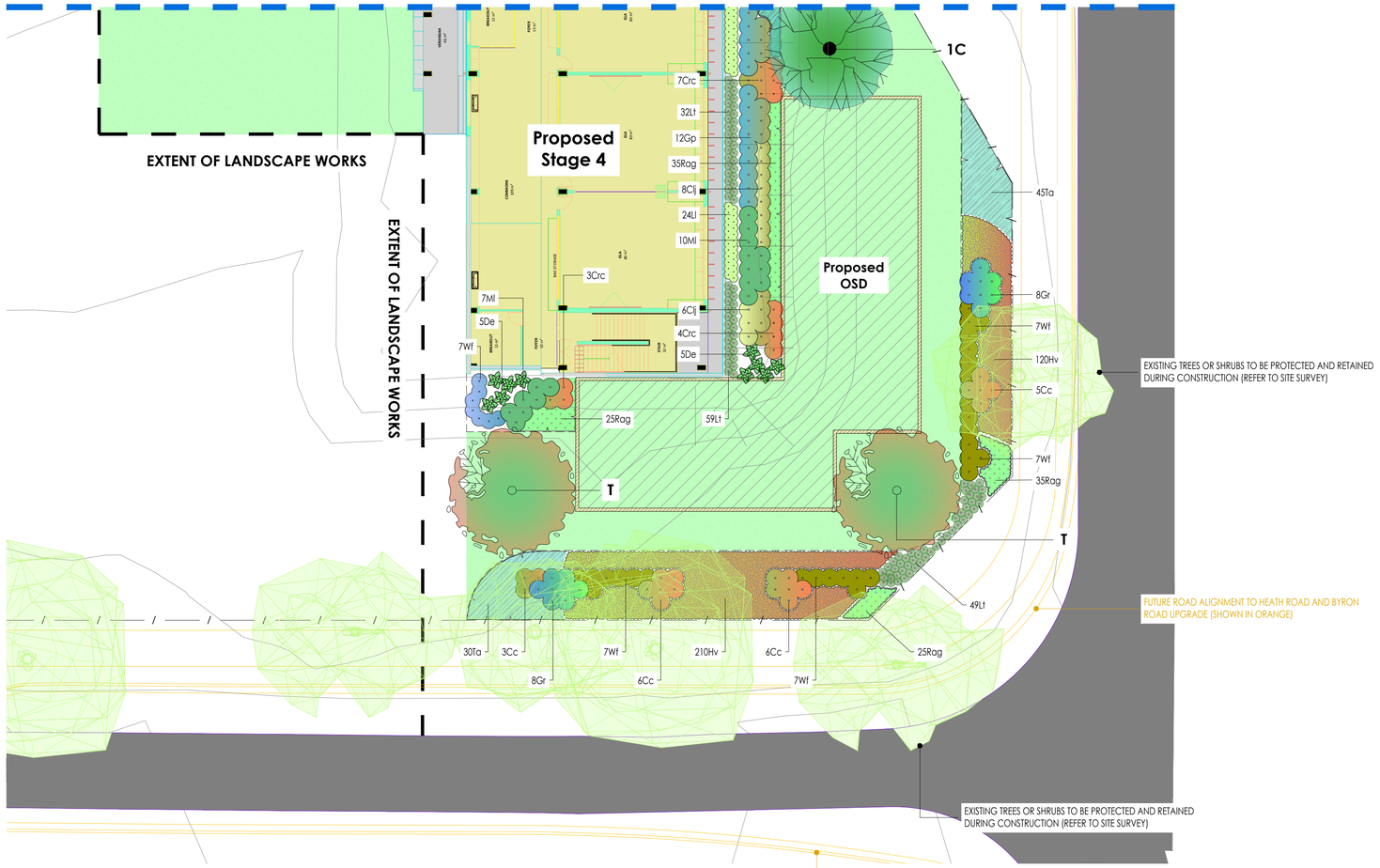
Project: **LEPPINGTON ANGLICAN COLLEGE**

50 Heath Road

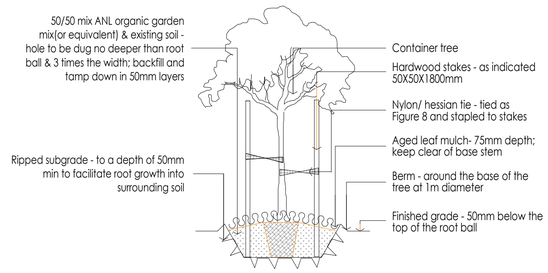
LEPPINGTON

North:

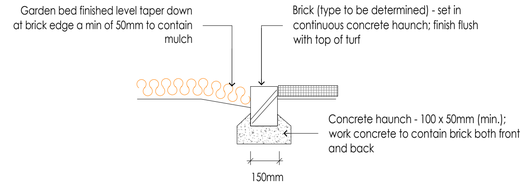
Refer to Landscape Plan (Sheet 2), Drawing Number 2023.0502DA1-3



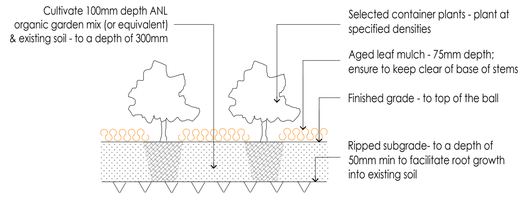
LANDSCAPE PLAN 1 : 200



1 Tree Planting Detail Section NTS @ A1 (Not to Scale)



2 Brick Edge Detail Section NTS @ A1 (Not to Scale)



3 Garden Bed Planting Detail Section NTS @ A1 (Not to Scale)

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07/08/2023	DA Issue (final)		
29/09/2023	DA Issue (revised with new road alignment)		
01/11/2023	DA Issue (revised)		

Title: **LANDSCAPE PLAN (Sheet 2)**

Date: 1st November, 2023

Client: The Anglican Schools Corporation

Drawing number: 2023.0502DA1-3

Drawn by: JB

Checked by: JB

Scale: 1 : 200@A1/1:400@A3 (0 2 4 6 8 10 15)

Issue: D

Project: **LEPPINGTON ANGLICAN COLLEGE**

50 Heath Road
LEPPINGTON

North:

GENERAL NOTES:
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- LOCATION OF FENCES ARE APPROXIMATE ONLY
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- t/k DENOTES TOP OF KERB - t/w DENOTES TOP OF WALL
- wt DENOTES WINDOW TOP - ws DENOTES WINDOW SILL

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DIAL 1100 BEFORE YOU DIG

M.G.A North
GDA 2020

BYRON ROAD

Lot 47
D P 1156592

Lot 63
D P 1290390

Lot 60
D P 1290390

ROAD

LANE

SEE SHEET TWO

SEE SHEET THREE

Lot 61
D P 1290390
3.822ha (by title)

Lot 62
D P 1290390
1.6ha (by title)

SEE SHEET FOUR

SEE SHEET FIVE

HEATH

CAPRARIS

Lot 49A
D P 8979

MYAKKA WAY

DENOTES STORMWATER

LEGEND OF SERVICES

unknown service | power pole | gas
sewer man hole | stop valve | water valve
drainage pit | sewer maint. shaft | hydrant
sign | kerb inlet pit | sub-surface

(R) RESTRICTION ON THE USE OF LAND
(E1) EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE
(E2) EASEMENT FOR PADMOUNT SUBSTATION 2.75 WIDE
(E3) EASEMENT FOR UNDERGROUND CABLES 3 WIDE
(R1) RESTRICTION ON THE USE OF LAND
(A) RIGHT OF CARRIAGEWAY CARIABLE WIDTH
(B) EASEMENT TO PARK MOTOR VEHICLES 6 WIDE
(P) POSITIVE COVENANT
(E) EASEMENT FOR BUSHFIRE PROTECTION MEASURES VARIABLE WIDTH

vince morgan
SURVEYORS
ABN: 52 065 060 808

Vince Morgan (Surveyors) Pty Ltd
N°1/77 Union Road, Penrith NSW
PO Box 4156 Penrith Plaza 2750
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Email: mail@vmsurvey.com.au

Issue	Amendment	Date
A	Issued to client	31-07-23

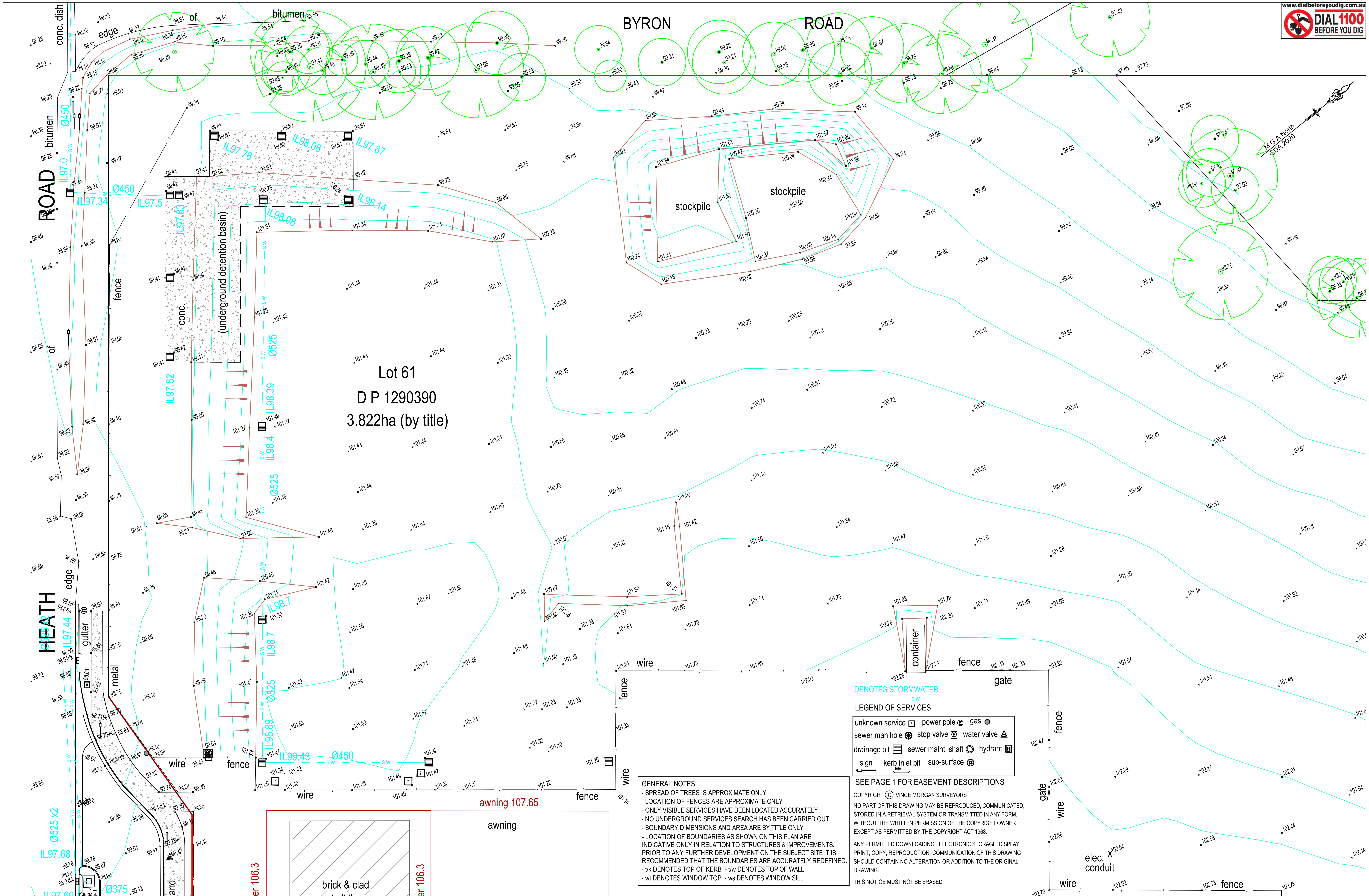
Datum: AHD	Source: SCIMS	
Origin: PM 44289	RL: 90.983	
Scale: 1:800 @A2	Contour Interval: 0.5m	
Drawn: Hitchcock	Checked: P.Warwick	

Client: The Anglican Schools Corporation

Lot(s) / DP(s): Lot 61 & 62 / D.P.1290390
Site Street Address: N°30-50 Heath Road
Location: Leppington
Local Government: Camden

Drawing Title: DETAIL AND CONTOUR SURVEY

Plan Number: 19520T5 | Issue: A
Date of Survey: 19-07-23
Sheet 1 of 5



DENOTES STORMWATER

LEGEND OF SERVICES

unknown service, power pole, gas, sewer man hole, stop valve, water valve, drainage pit, sewer maint. shaft, hydrant, sign, kerb inlet pit, sub-surface

SEE PAGE 1 FOR EASEMENT DESCRIPTIONS

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Drawn: Hitchcock	Checked: P.Warwick

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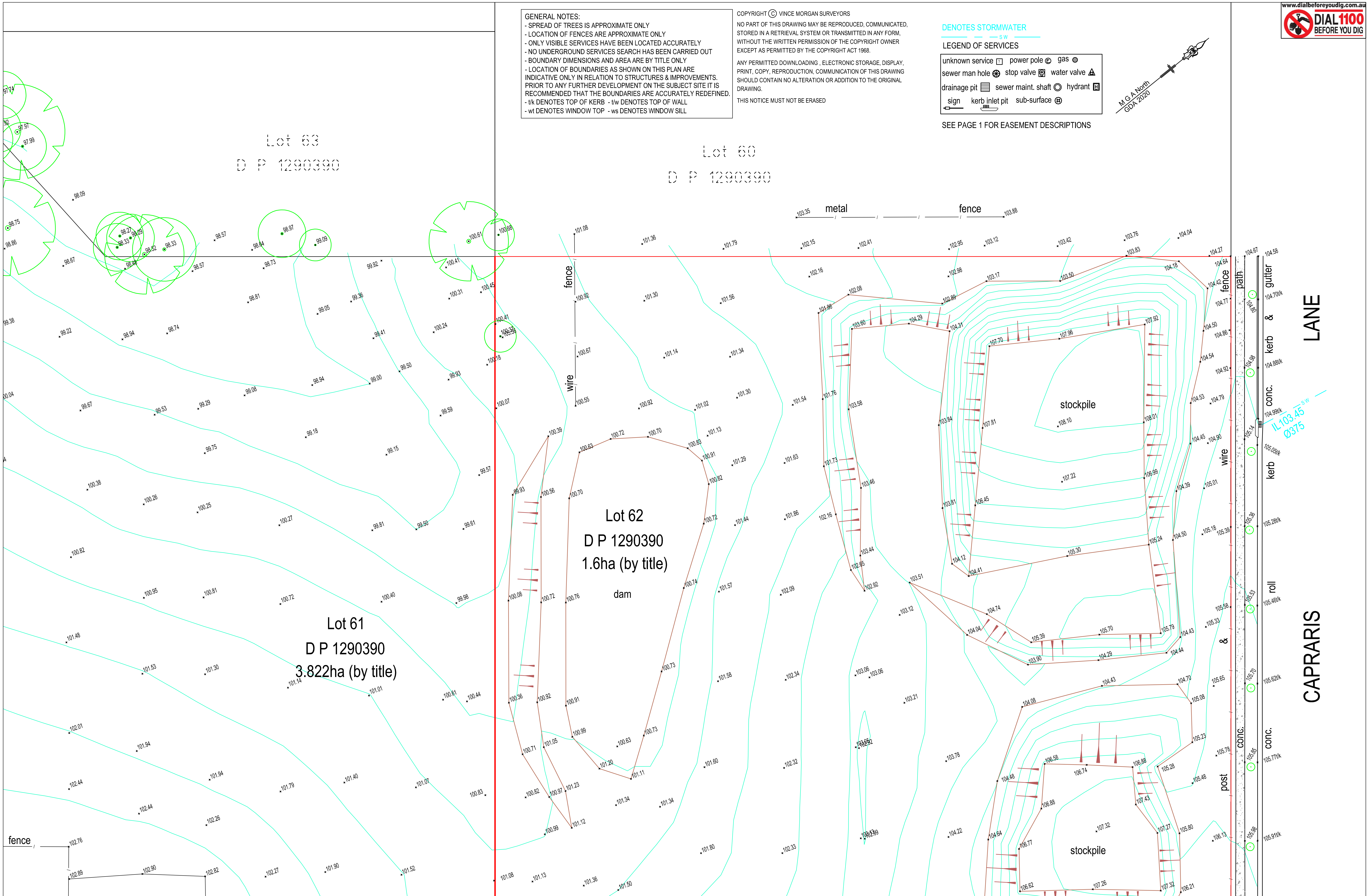
Sheet 1 of 5



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DENOTES STORMWATER

LEGEND OF SERVICES

unknown service, power pole, gas, sewer man hole, stop valve, water valve, drainage pit, sewer maint. shaft, hydrant, sign, kerb inlet pit, sub-surface

SEE PAGE 1 FOR EASEMENT DESCRIPTIONS

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Issue	Amendment	Date
A	Issued to client	31-07-23

Datum: AHD	Source: SCIMS
Origin: PM 44289	RL: 90.983
Scale: 1:300 @A2	Contour Interval: 0.5m
Drawn: Hitchcock	Checked: P.Warwick

Client: The Anglican Schools Corporation

Lot(s) / DP(s): Lot 61 & 62 / D.P. 1290390
Site Street Address: N°30-50 Heath Road
Location: Leppington
Local Government: Camden

Drawing Title:
DETAIL AND CONTOUR SURVEY

Plan Number: 19520T5
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Date of Survey: 19-07-23
Sheet 1 of 5

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M G A North
GDA 2020

DENOTES STORMWATER
S W

LEGEND OF SERVICES

unknown service | power pole | gas
sewer man hole | stop valve | water valve
drainage pit | sewer maint. shaft | hydrant
sign | kerb inlet pit | sub-surface

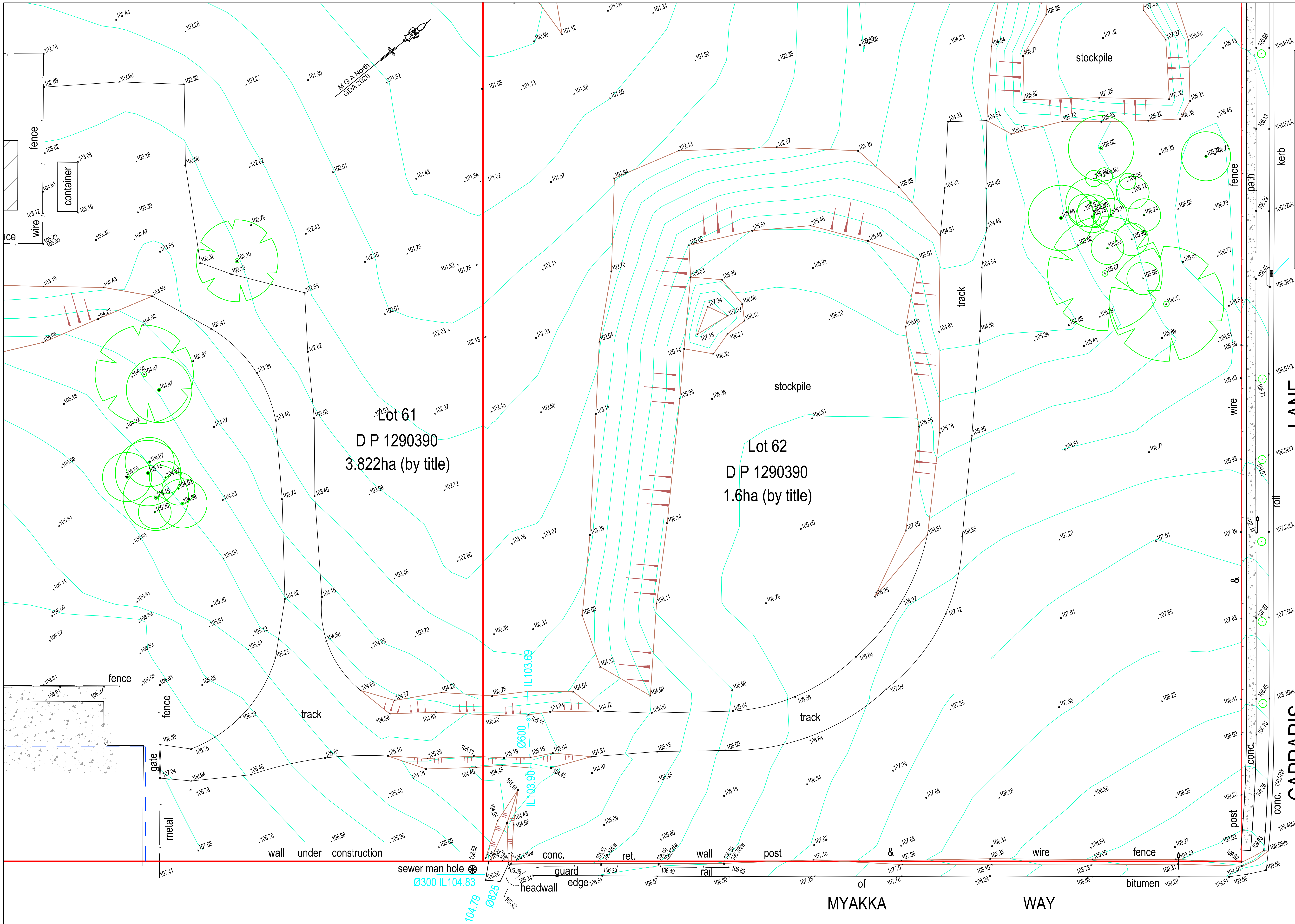
SEE PAGE 1 FOR EASEMENT DESCRIPTIONS

Lot 61
D P 1290390
3.822ha (by title)

ROAD
HEATH
island
kerb
path
drain
dish
gate
conc.
conc. path
brick & clad building
brick building
clad building
concrete
carpark
"drop off area"
container
awning
awning 104.5
awning 105.35
awning 105.65
ridge 107.05
gutter 106.3
gutter 106.3
fence
wire
metal
elec. conduit
Ø375
Ø600
Ø600
IL97.69
IL98.06
IL98.09
IL99.69
IL99.69
k.o IL99.53
33.035
18.195
60.24
(E1)
(E2)
(E3)
(R1)
(A) (R) (P)
(B) (R) (P)
(B) (R) (P)
201.22

Lot 49A
D P 8 9 7 9

vince morgan SURVEYORS ABN: 52 065 060 808	Vince Morgan (Surveyors) Pty Ltd N°1/77 Union Road, Penrith NSW PO Box 4156 Penrith Plaza 2750 Ph: 47 215 293 Email: mail@vmsurvey.com.au	Issue / Amendment / Date A / Issued to client / 31-07-23	Datum: AHD Origin: PM 44289 Scale: 1:300 @A2 Drawn: Hitchcock	Source: SCIMS RL: 90.983 Contour Interval: 0.5m Checked: P.Warwick	Client: The Anglican Schools Corporation	Lot(s) / DP(s): Lot 61 & 62 / D.P.1290390 Site Street Address: N°30-50 Heath Road Location: Leppington Local Government: Camden	Drawing Title: DETAIL AND CONTOUR SURVEY	Plan Number: 19520T5 Issue: A Date of Survey: 19-07-23 Sheet 1 of 5



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LEGEND OF SERVICES
unknown service, power pole, gas, sewer man hole, stop valve, water valve, drainage pit, sewer maint. shaft, hydrant, sign, kerb inlet pit, sub-surface

SEE PAGE 1 FOR EASEMENT DESCRIPTIONS
DENOTES STORMWATER

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Datum: AHD	Source: SCIMS
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Drawn: Hitchcock	Checked: P.Warwick

Client: The Anglican Schools Corporation

Lot(s) / DP(s): Lot 61 & 62 / D.P. 1290390
Site Street Address: N°30-50 Heath Road
Location: Leppington
Local Government: Camden

Drawing Title: DETAIL AND CONTOUR SURVEY

Plan Number: 19520T5
Issue: A
Date of Survey: 19-07-23
Sheet 1 of 5