



Stormwater Management Plan

Upgrades to Kingswood Public School

Project Reference: 132566

February 2025

Prepared For: NSW Department of Education

46-54 Second Avenue, Kingswood

Meinhardt

Level 4, 66 Clarence Street
Sydney, NSW 2000

P. 02 9399 3088 | F. 02 9319 7508
www.meinhardtgroup.com

Copyright

© Meinhardt

This document is subject to copyright. Use or copying of this document in whole or part without the written permission of Meinhardt constitutes an infringement of copyright.

Disclaimer

Information in this document is current at the time of writing. While all professional care has been undertaken in preparing the document, Meinhardt accepts no liability for loss or damages incurred as a result of reliance placed upon its content.

The mention of any company, product or process in this report does not constitute or imply endorsement by Meinhardt.

REV	DATE	WRITTEN BY	REVIEWED BY	APPROVED BY
00	19.12.2024	BK	LM	BL
01	12.02.2025	BK	LM	BL
02	03.03.2025	BK	LM	BL
03	17.04.2025	BK	BK	BL

1. Table of Contents

1.	Table of Contents	2
2.	Contact Details	3
3.	Introduction	4
3.1	Proposed Activity Description	4
3.2	Activity Site	4
4.	REF Reporting Requirements	5
5.	Stormwater Quantity Management.....	6
5.1	Stormwater Drainage Works	6
5.2	On Site Detention	7
5.3	Catchment Plan.....	8
6.	Stormwater Quality Strategy	9
6.1	Water Quality Treatment Train	9
6.2	Stormwater Quality Treatment Devices	10
6.3	Rainwater Reuse.....	10
6.4	Treatment Device Specifications	11
6.5	MUSIC Modelling Results	11
7.	Sediment and erosion management	11
8.	Construction Management.....	12
9.	Maintenance Program.....	12
9.1	Proprietary Treatment Devices	13
10.	Conclusion.....	13
10.1	Mitigation Measures	14
11.	References	14
	Appendix A – Survey	15
	Appendix B – Architectural Plans	16
	Appendix C – Catchment Plan	17
	Appendix D – Stormwater Drainage and OSD Tank Plan and Detail.....	18
	Appendix E – OSD Storage Calculation in DRAINS.....	19

2. Contact Details

Brian Kim
Civil Project Engineer
02 8252 0428
Brian.Kim@meinhardtgroup.com

Brad Lusty
NSW Regional Lead
0415 369 695
Brad.lusty@meinhardtgroup.com

Meinhardt Australia Pty Ltd
Level 4, 66 Clarence St
Sydney, NSW 2000
www.meinhardtgroup.com

3. Introduction

This Stormwater Management Report has been prepared to accompany a Review of Environmental Factors (REF) for the Department of Education (DoE) for upgrades to Kingswood Public School (the activity) under Part 5 of the Environmental Planning and Assessment Act 1979 (EP&A Act) and State Environmental Planning Policy (Transport and Infrastructure) 2021 (SEPP TI).

This document has been prepared in accordance with the Guidelines for Division 5.1 assessments (the Guidelines) by the Department of Planning, Housing and Infrastructure.

This report examines and takes into account the relevant environmental factors in the Guidelines and Environmental Planning and Assessment Regulations 2021 under Section 170, Section 171 and Section 171A of the EP&A Regulation.

3.1 Proposed Activity Description

The proposed activity for upgrades to Kingswood Public School includes:

- One (1) new single storey classroom building comprising eight (8) general learning spaces (GLS), two (2) learning commons areas, two (2) multi-purpose spaces and a veranda along the eastern side of the building;
- The construction of a covered walkway that will provide a connection between the proposed classroom building and an existing covered outdoor learning area (COLA) to the northeast of the proposed building; and
- Removal of existing portable classroom buildings containing ten (10) classrooms.

3.2 Activity Site

The project site is located at 46-54 Second Avenue, Kingswood and is legally described as Lot 172 in Deposited Plan (DP) 839785. Kingswood Public School is located on the southern side of Second Avenue.

Figure 1 provides an aerial photograph of the site.

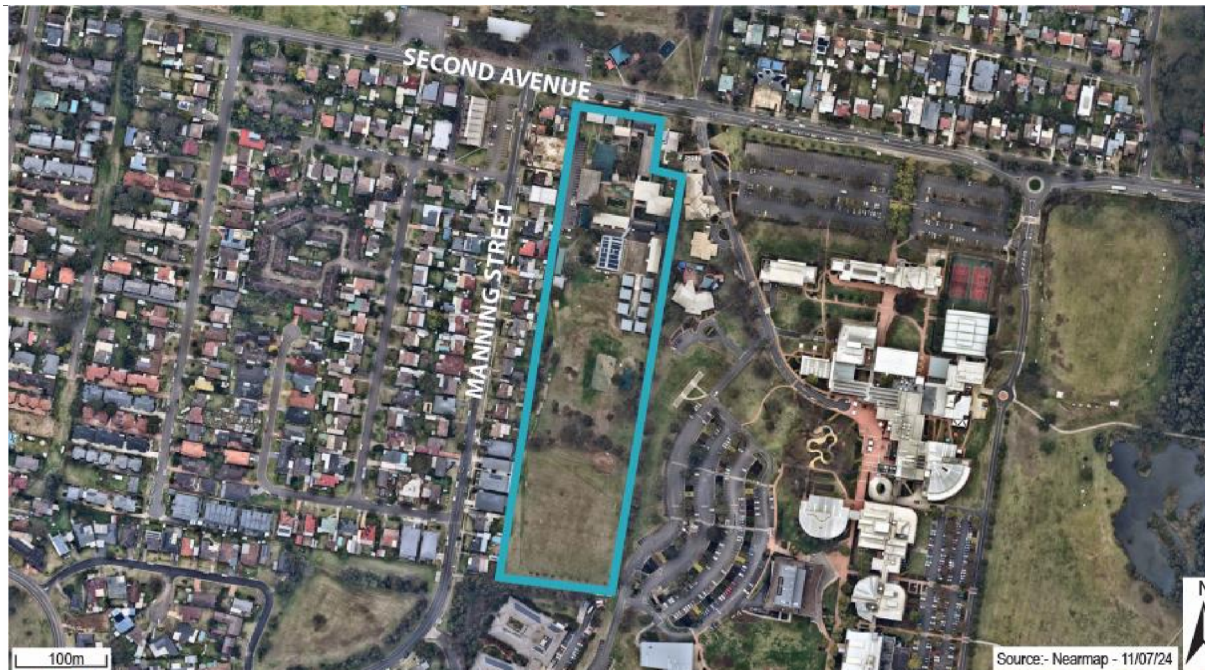


Figure 1 Aerial photograph

4. REF Reporting Requirements

This report has been prepared in accordance with environmental mitigation measures and technical stormwater management plan to meet the Penrith Council requirements for the proposed development. The REF deliverable requirements are presented in Table 1.

Item	REF Requirement	Relevant Section of Report
1	<i>Stormwater Management Plan</i>	<i>Section 5.1 and 6.0 consider design solutions to mitigate water quality by treatment devices.</i>

Table 1. Relevant REF Requirements

5.1 Stormwater Drainage Works

- A pit and pipe system within the site area to convey minor flows (in accordance with the Major/Minor stormwater strategy approach defined in Australian Rainfall and Runoff). Roof drainage system has been designed, and documented by the Hydraulic Engineer, and is directly discharged to the OSD tank near the proposed building after filter treatment on Second Avenue.
- A rainwater reuse tank is provided at the rear of the development area, with overflows from the rainwater reuse tank directed to an on-site detention tank (Atlan vault).
- A detention tank by Atlan is provided (with water quality treatment cartridges contained within the tank) in order to limit post-development flows to less than PSD flows from the Stormwater Drainage policy.
- Overland flow paths are provided to cater for upstream catchments to bypass the development site, and to convey major storm flows within the development area along proposed swales near the proposed building toward the existing carpark.
- The proposed substation works, upgrading from the existing pole substation to an on-site kiosk substation, have no impact on drainage and civil works.

X:\132566 - SINSW Kingswood PS\4 3 Civil\1 DES\6 Reports (MHT)\REF) Stormwater management report

5.2 On Site Detention

Council requires the provision of an on-site detention system to ensure that new developments do not increase peak stormwater flows in any downstream area during major storms up to and including 100-year ARI events.

The Penrith Council “Stormwater Drainage Policy 2021” in Figure 3 sets out the steps in determining the applicable permissible site discharge (PSD) to the proposed development and the size of the OSD tank to be required.

PSD & SSR – Building Catchment

- PSD: $120 \times 0.138(\text{area}) = 16.56\text{L/s}$ (Ref. Figure 4 Site Catchment Plan)
- SSR: $280 \times 0.138(\text{area}) = 38.64\text{m}^3$ (Ref. Figure 4 Site Catchment Plan)

Table 7 PSD and SSR

Land Use	PSD (L/s/ha)	SSR (m3/ha)
Multi-Unit Housing	120	240
Residential Flat Building / Apartment / Industrial / Commercial and Others	120	280

Figure 3. PSD and SSR from Stormwater Drainage Policy by the Penrith Council

Storm event	OSD Post-Development Flow (L/s)	OSD Bypass Flow(L/s)
20-year ARI	14	0
100-year ARI	16	0

Table 2. Peak Discharge Results in DRAINS from the site

Iterations were performed in the DRAINS model to determine the size of the proposed piped network and the respective OSD in order to satisfy major/minor system requirements in accordance with the Penrith Council standards and shown in Figure 3.

These parameters were used in determining the PSD and SSR applicable to the proposed development. Calculations for the sizing of the OSD tanks in software DRAINS are attached in Appendix E.

The total catchment area proposed to drain into the OSD is 0.138 hectares. The required OSD tank volume calculated using council’s calculation table 7 shown in Figure 3 is 38.64 m^3 . All roofs and covered walkways are proposed to drain into the OSD tank as per the catchment plan. Most of this runoff will drain into the storm filter chamber first to undergo treatment (further discussed in Section 5). Water shall flow above the overflow pipe (RL 47.67m and 46.20mAHD) when it reaches the maximum volume of storage.

OSD TANK	Diameter (mm)
OSD (Atlan vault)	80

Table 3. Orifice Plate Diameter

Discharge is controlled via an orifice plate in OSD tank. These are installed at the outlet in order to satisfy post development conditions under council regulations.

The OSD tank plans and details are provided in Appendix D.

The design criterion for below ground pipe drainage has been adopted from Figure 3 of the Stormwater Drainage Policy and are listed as follows:

- Minor Internal Roof and Surface Drainage system 20-year ARI
- Major OSD systems 100-year ARI

5.3 Catchment Plan

The proposed catchment plan for the site is presented in Figure 4 and further detailed in Appendix C. The proposed site's catchment is comprised of a roof and covered walkway drainage. Flows coming from the roof will be conveyed through downpipes which will all discharge into the proposed OSD tank storage.

The total catchment area across the proposed site is approximately 0.1380 hectares comprised of roof and covered walkway zone. 100% of the total site area is proposed to drain into the proposed OSD tank. This is comprised of two roof catchment areas (Grey and blue hatches).

As per the Stormwater Drainage Policy Clause 4.3.5, no more than 15% of the total area shall bypass the OSD tank. This control yields a maximum bypass of 0.0207 hectare which is 15% of the total site area. As shown in the catchment plan, there is no bypass zone for the proposed development area and simply diverts the water flow from the upstream catchment area around the proposed building.

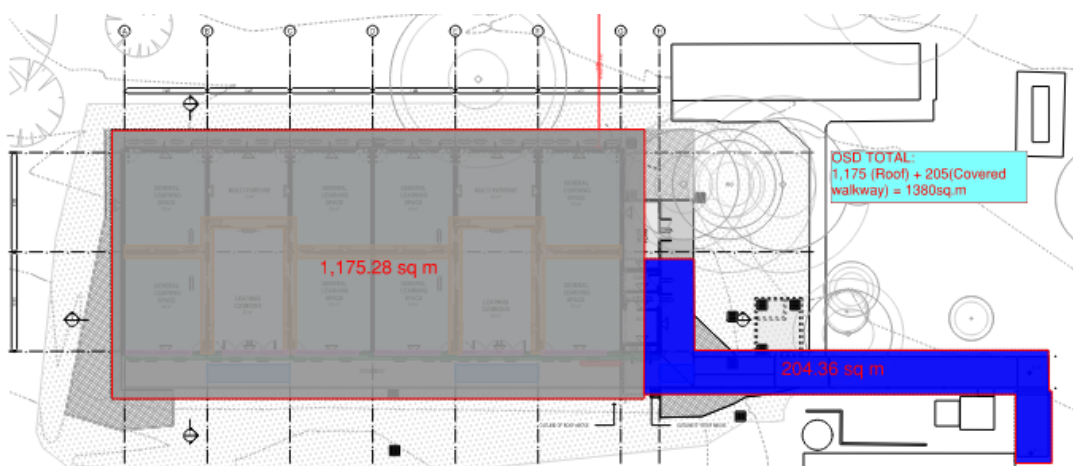


Figure 4. Site Catchment Plan

6. Stormwater Quality Strategy

To meet Penrith Council's requirements for stormwater management, the water quality strategy will need to include treatment of the stormwater prior to discharge to the nominated point of connection, reducing water borne pollutants as per all relevant guidelines.

Treating and reducing stormwater has multiple environmental benefits including improving urban amenity, reducing pollutant loadings downstream in receiving waters, retarding peak stormwater flow rates and reducing irrigation demands from potable water supply.

All roof catchments are required to discharge to the point of connection via the 30,000L rainwater harvesting tank for a flushing toilet, a laundry for washing and landscape irrigation purposes.

6.1 Water Quality Treatment Train

Modelling of the pollutant loads for the proposed development has been carried out using MUSIC. Diagrammatic illustrations of the model setup are presented in Figure 5 below.

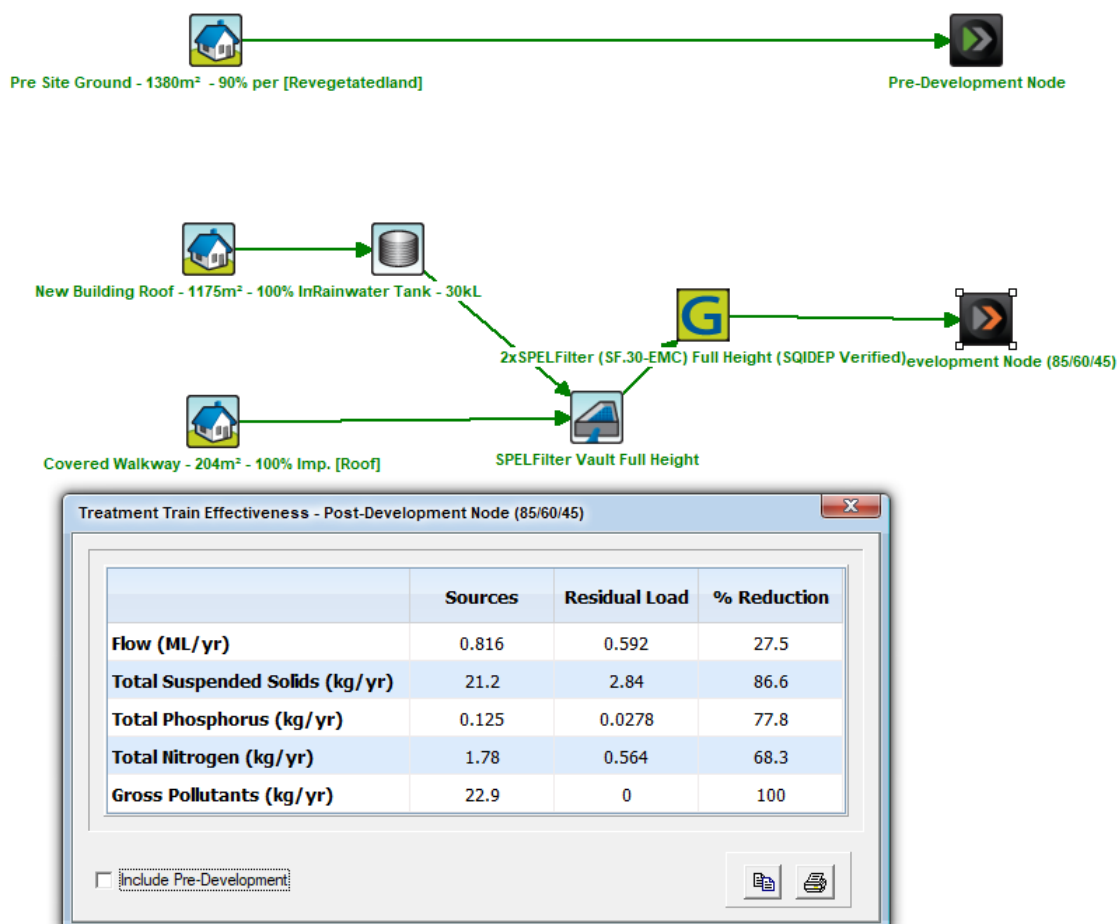


Figure 5. Music Modelling Treatment Train (OSD).

The model has been set up to inclusively incorporate all relevant catchments of the development to represent realistic site conditions for pollutant generation and treatment.

6.2 Stormwater Quality Treatment Devices

The stormwater management requirements for the development are dependent on the adequate treatment measures to mitigate and exceed stormwater borne pollutant reduction targets as per the relevant guidelines. The treatment systems have been nominated in the table below (or approved equivalents):

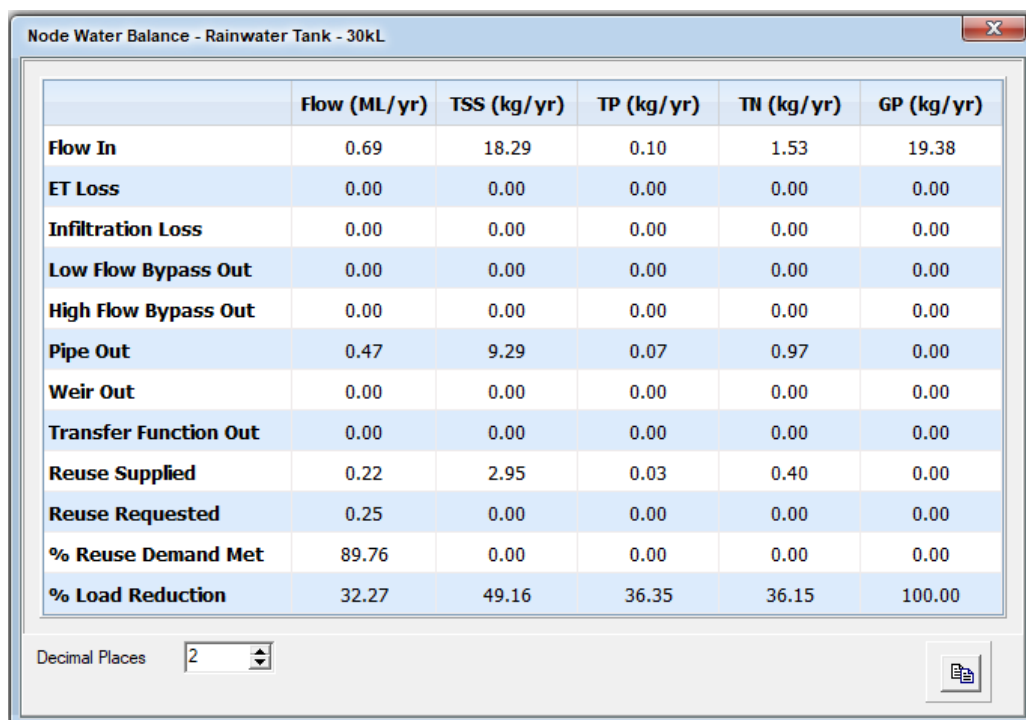
Treatment System	Capacity/Area	Quantity
Atlanfilter (SF 30 EMC-M, 850mm tall)	0.006cu.m./s high flow by-pass	2
Rainwater reuse tank	30kL	1

Table 4. WSUD Treatment System

6.3 Rainwater Reuse

As per Section 3.2 of the Penrith DCP2014, the target for the developments is to achieve 80% non-potable reuse. The tank was designed for reuse by balancing the supply and demand and selecting the appropriate size according to Stormwater Drainage Policy (ES 002). This was achieved through MUSIC modelling as shown in Figure. 6. To achieve the target of 80% non-potable reuse the following was utilized:

- Toilets and urinals – $0.1\text{kL/day} \times 5 \text{ toilets} \times 5/7 (5 \text{ days a week}) = 0.357 \text{ kL/day}$
- Irrigation as a yearly demand – 0.4kL/m^2 , 300m^2 of landscape and planting areas around the building. $0.4\text{kL/m}^2 \times 300\text{m}^2 = 120\text{kL}$



	Flow (ML/yr)	TSS (kg/yr)	TP (kg/yr)	TN (kg/yr)	GP (kg/yr)
Flow In	0.69	18.29	0.10	1.53	19.38
ET Loss	0.00	0.00	0.00	0.00	0.00
Infiltration Loss	0.00	0.00	0.00	0.00	0.00
Low Flow Bypass Out	0.00	0.00	0.00	0.00	0.00
High Flow Bypass Out	0.00	0.00	0.00	0.00	0.00
Pipe Out	0.47	9.29	0.07	0.97	0.00
Weir Out	0.00	0.00	0.00	0.00	0.00
Transfer Function Out	0.00	0.00	0.00	0.00	0.00
Reuse Supplied	0.22	2.95	0.03	0.40	0.00
Reuse Requested	0.25	0.00	0.00	0.00	0.00
% Reuse Demand Met	89.76	0.00	0.00	0.00	0.00
% Load Reduction	32.27	49.16	36.35	36.15	100.00

Decimal Places: 2

Figure 6. Rainwater Tank - % Reuse Demand

6.4 Treatment Device Specifications

The Atlanfilter shown in Figure 7 below is a proprietary treatment device that acts as a filter removing pollutants. This system is generally used to filter storm water from various pollutants prior to entering waterways. 2EA for OSD which is 850mm in height will be installed in the OSD tank. Figure 5 shows a diagram of how an Atlanfilter works.

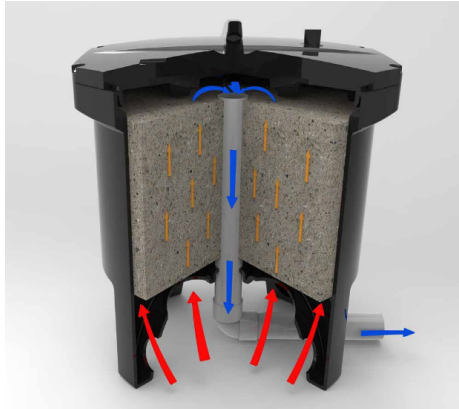


Figure 7. Atlanfilter by Atlan

6.5 MUSIC Modelling Results

The results from the MUSIC model validate that the proposed treatment measures reduce Total Suspend Solids by more than 85% and nutrients, Phosphorus by more than 60%, and Nitrogen by more than 45% for the proposed development. The results are summarised in the figure below.

Target Guideline	Water-Borne Pollutant	Reduction Target	Result	Target Met
WSUD Best Practice Guiding Principles	Total Suspended Solids	85% Reduction	86.6% Reduction	Yes
	Total Phosphorous	60% Reduction	77.9% Reduction	Yes
	Total Nitrogen	45% Reduction	68.3% Reduction	Yes
	Gross Pollutants	90% Reduction	100% Reduction	Yes

Table 5. MUSIC Modelling Results Summary (OSD)

7. Sediment and erosion management

The site is to be provided with catch drains, sediment fence, straw bales, inlet trap and filters.

Although the construction of a sediment basin may be considered unnecessary during early works stage for sediment runoff in the minor storm event (6 months ARI and 1yr ARI), the provision of a vegetated swale provides an area of sediment storage that will reduce likelihood of sediment runoff. Sediment runoff during minor storm event would be temporarily stored in the vegetated swale with straw bales (See Figure 8 below). The swale would need to be regularly maintained and cleaned after each rainfall event.

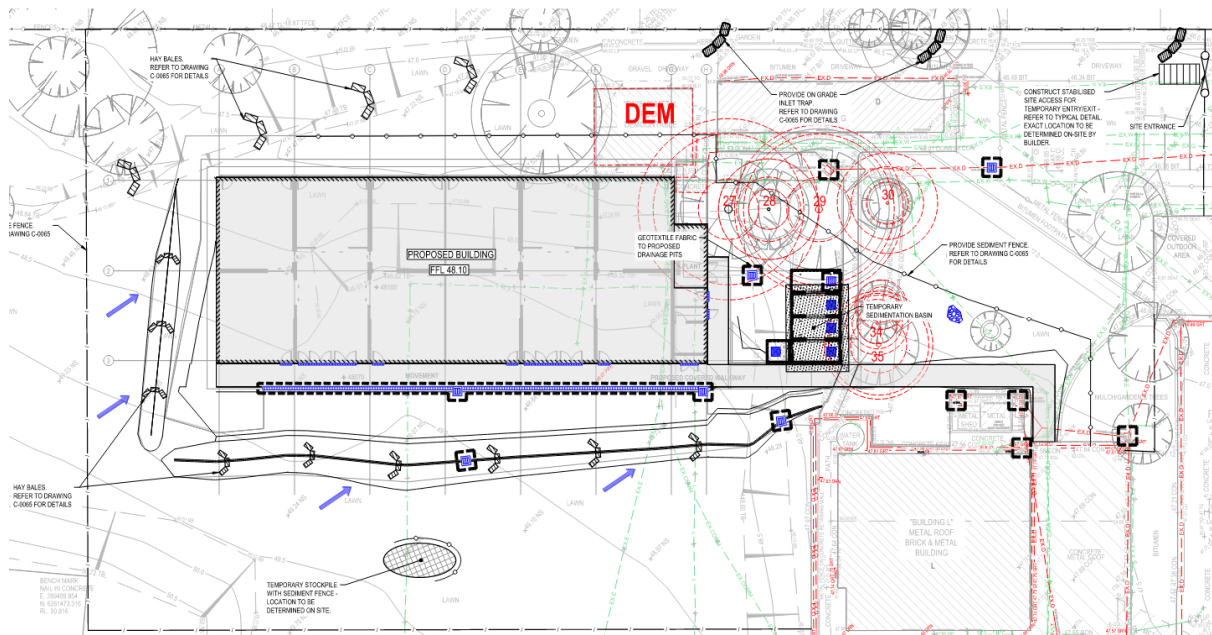


Figure 8. Sediment and erosion control

8. Construction Management

During the construction phase, the maintenance and monitoring of erosion and sediment control measures remain the responsibility of the project Contractor. Details of the inspection frequency expected will need to be noted within the Operational Environmental Management Plan (EMP) and Operations & Maintenance Manual by a manufacturer (Atlan). If during the construction phase of the development, it is deemed necessary, monitoring of the erosion and sediment control measures will be undertaken by a qualified consultant to determine the impact of construction activities on the subject site only. In addition, an approved inspector from Ocean Protect will have an inspection for maintenance purposes during approved work hours and respite period.

- The Out of School Hours Care (OSHC) proposed hours operational hours could be determined closer to date but can consider typical timings 6.30AM-9.00AM (Before school) and 3.00-6.30PM (After school)
- The Exact number of students attending the OSHC could not be confirmed at this stage, however, assume 15% students of the school capacity (150 students)
- The OSHC is Typically run by external/private providers

9. Maintenance Program

A suitable maintenance program is the responsibility of the site Owners for the development in conjunction with correspondence and consultation by appropriate parties, such as project engineers or manufacturers. As a guide, the below programs provide a minimum maintenance protocol for the proposed treatment systems to ensure longevity in their stated performance.

9.1 Proprietary Treatment Devices

Proprietary Treatment devices should be maintained in accordance with the manufacturers' specifications, but in general will include 1~6 times inspections with annual maintenance of for full cleaning recommended and every 12 months minor services for Atlan filter. Treatment Devices are generally (depending on model) cleaned as outlined below:

- A vacuum truck lowers its suction hose to the surface of the water in the holding chamber and skims across the surface to capture the floating litter.
- Once this has been achieved then the hose should be lowered to the bottom of the holding chamber to remove sediments, organic matter and litter, which have sunk.
- It is sometimes appropriate to de-water the system before attempting to suck the pollutants out of the holding chamber. This can be done onto adjacent ground or into council's sewer systems, with the authority's consent.

Generally, the need for maintenance can be determined easily by opening the unit from the surface and inspecting it.

Refer to the manufacturer's maintenance agreement and specifications for additional information.

10. Conclusion

This report has been prepared to assess the potential environmental impacts that could arise from the development of The Kingswood Public School at Lot 172 DP839785 on Second Ave, Kingswood. Water quality and sediment & erosion control are adequately adopted throughout the site during early works and construction phase by water quality devices, sediment fences, sediment basins and proper mitigation measures and inspection and maintenance work will be scheduled during off peak hours and approved work hours.

Therefore, there are no significant impacts on the approval of a Review of Environmental Factors.

10.1 Mitigation Measures

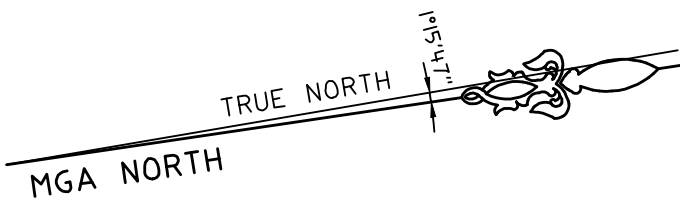
A summary of mitigation measures are outlined below and detailed in the relevant report sections.

Project Stage	Mitigation Measures	Relevant Section of Report
<i>Design(D)</i>		
<i>Construction(C)</i>		
<i>Operation (O)</i>		
D / O	<i>Stormwater Quality Treatment – Treatment measures are not expected to significantly impact the surrounding receivers and are predicted to comply with design criteria.</i>	Section 6.2
C / O	<i>Sediment and erosion control – Sediment and erosion measures are not anticipated to significantly impact the site by mitigation of sediment basin, straw bales, inlet traps & filters.</i>	Section 7
C	<i>All works will be scheduled in accordance with the following:</i> <ul style="list-style-type: none"> <i>• Works to be scheduled taking into account approved works hours, any restrictions relevant to specific tolls / activities and respite periods etc.</i> 	Section 8
D / O	<i>Maintenance Program – Treatment device replacement by the manufacturer is not expected to impact the surrounding receivers.</i>	Section 9

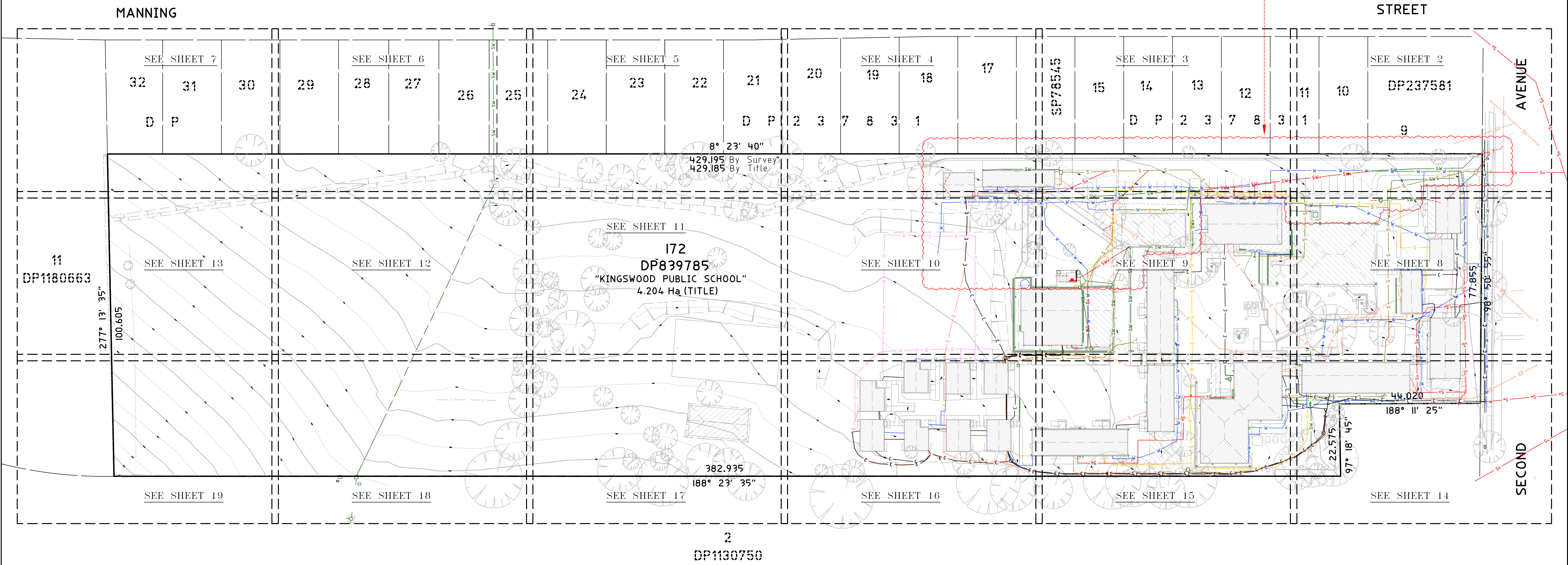
11. References

AS/NZ 3500.3:2003 Stormwater Drainage
 Architectural plans by Fulton Trotter;
 Penrith City Council _ DCP_2014_Volume_1
 Stormwater Drainage Policy (ES 002)
 eWater – *MUSIC* Version 6.2
 Watercom – *DRAINS* Version 2023.07
 Atlan Filter Operation & Maintenance Manual (Atlan)
 Atlan Vault Technical Guideline (Atlan)

Appendix A – Survey



UNDERGROUND DRAINAGE UPDATED IN RED CLOUDED AREA
AFTER FURTHER INVESTIGATION



"WESTERN SYDNEY UNIVERSITY KINGSWOOD"

- LEGEND:**
- ABT = ABUTMENT
 - AW = AWNING
 - BB = BOTTOM OF BANK
 - BBQ = BARBEQUE
 - BIN = RUBBISH BIN
 - BIT = BITUMEN
 - BLO = EXTERNAL BUILDING
 - BOK = BACK OF KERB
 - BOL = BOLLARD
 - BW = BOTTOM WALL
 - CHI = CHIMNEY
 - CL = CENTRELINE
 - COL = COLUMN
 - COSL = COMMUNICATIONS SURFACE LEVEL
 - CON = CONCRETE
 - CPIT = COMMUNICATIONS PIT
 - DD = DISH DRAIN
 - DK = DECK
 - DS = DOOR SILL LEVEL
 - ELO = ELECTRICITY LINE OVERHEAD
 - EPIL = ELECTRICITY PILLAR
 - EPIT = ELECTRICITY PIT
 - EPL = ELECTRICITY PILLAR
 - ESL = ELECTRICITY SURFACE LEVEL
 - FCE = FENCE
 - FL = FLOOR LEVEL
 - FP = FLAG POLE
 - GDN = GARDEN
 - GDR = GUARD RAIL
 - GF = GUTTER LEVEL

- LEGEND:**
- GM = GAS METER
 - GRA = GRAVEL
 - GRT = GRATE
 - GSL = GAS SURFACE LEVEL
 - GTE = GATE
 - HL = HOOD LEVEL
 - HYD = HYDRANT
 - IL = INVERT LEVEL
 - INS = INSPECTION PIT
 - LAN = LANDING
 - LID = MISCELLANEOUS PIT LID
 - LIN = LINTEL
 - LIP = KERB LIP
 - LM = LINE MARKING
 - LP = LIGHT POLE
 - NS = NATURAL SURFACE
 - P900 = INVERT LEVEL PIPE AND DIA.900
 - PAV = PAVING
 - PIPE = PIPE OBVERT
 - PIT = TOP OF PIT
 - PM = PERMANENT MARK
 - POOL = POOL
 - POST = POST
 - RA = RAILING
 - RF = TOP OF ROOF
 - RHP = RAHP
 - RR = ROOF RIDGE
 - SGN = SIGN
 - SIP = SEWER INSPECTION PIT
 - SL = SILL LEVEL

- LEGEND:**
- SMH = SEWER MAN HOLE
 - SSL = SEWER SURFACE LEVEL
 - STR = STAIRS
 - SWMH = STORMWATER MANHOLE
 - SWSL = STORMWATER SURFACE LEVEL
 - TABLE = TABLE
 - TAP = TAP
 - TB = TOP OF BANK
 - TFCE = TOP OF FENCE
 - TG = TOP OF GUTTER
 - THOB = TOP OF SERVICE BOX
 - TKB = TOP OF KERB
 - TLE = TREE LINE
 - TPIT = TELSTRA PIT
 - TR = TREE
 - TW = TOP OF WALL
 - USL = UNKNOWN SERVICE SURFACE LEVEL
 - VER = VERANDAH
 - WC = WATER COURSE
 - WM = WATER METER
 - WPIT = WATER PIT SPOT
 - WSL = WATER SURFACE LEVEL
 - WT = WATER TANK

SUBSURFACE UTILITY INFORMATION

QL-D IS THE LOWEST OF THE FOUR QUALITY LEVELS STIPULATED IN ASS488. IT IS AN INDICATIVE POSITION COMPILED FROM EXISTING RECORDS, CURSORY SITE INSPECTION, ANECDOTAL EVIDENCE.

QL-C IS THE NEXT LEVEL UP FROM QL-D. ASS488 STATES THAT QL-C IS A SURFACE FEATURE CORRELATION OR AN INTERPRETATION OF THE APPROXIMATE LOCATIONS AND ATTRIBUTES OF A SURFACE FEATURE USING A COMBINATION OF EXISTING RECORDS (ANECDOTAL EVIDENCE) SONIC BOOM TECHNIQUES AND A SITE SURVEY OF VISIBLE EVIDENCE.

QL-B ELECTRONICALLY TRACED AS PER ASS488 (DIRECT CONNECTION, INDUCTION, FLEXITRACE/SONDE, FLEXIROD/SONDE) WITH AN ESTIMATED POSITIONAL TOLERANCE OF +/-300MM IN PLAN, +/-500MM IN DEPTH (HIGH CONFIDENCE LEVEL).

QL-A IS THE HIGHEST QUALITY LEVEL AS PER ASS488 AND CONSISTS OF THE POSITIVE IDENTIFICATION OF THE ATTRIBUTE AND LOCATION OF A SUBSURFACE UTILITY AT A POINT TO AN ABSOLUTE SPATIAL POSITION IN THREE DIMENSIONS. THIS CAN BE ACHIEVED AT OPENED PITS AND IN THE POTHOLE WHERE THE UTILITY IS EXPOSED.

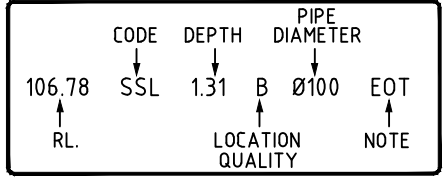
QL-X ELECTRONICALLY LOCATED WITH GROUND PENETRATING RADAR OR OTHER ELECTRONIC LOCATING TECHNIQUES NOT COMPLIANT WITH ASS488. ESTIMATED POSITIONAL TOLERANCE IS +/-300MM IN PLAN, +/-500MM IN DEPTH (HIGH CONFIDENCE LEVEL).

QL-Y ELECTRONICALLY LOCATED BUT WITH REDUCED CONFIDENCE IN PLAN POSITION/DEPTH (MEDIUM CONFIDENCE LEVEL).

QL-Z ELECTRONICALLY LOCATED WITH LOW CONFIDENCE LEVEL IN PLAN POSITION/DEPTH (LOW CONFIDENCE LEVEL).

- LEGEND:**
- EOT = END OF TRACE
 - FH = FIRE HYDRANT
 - FOD = FULL OF DEBRIS
 - FOW = FULL OF WATER
 - GPR = GROUND PENETRATING RADAR
 - HPC = HIGH PRESSURE GAS
 - NO SIG = NO SIGNAL
 - REDUN = REDUNDANT
 - UTO = UNABLE TO OPEN
 - UTT = UNABLE TO TRACE
 - VD = VERTICAL DROP
 - VC = VITRIFIED CLAY

- LEGEND: (SEE NOTES 1)**
- C = COMMUNICATIONS LINES (UNDERGROUND) QUALITY
 - EO = ELECTRICITY LINES (OVERHEAD)
 - EU = ELECTRICITY LINE (UNDERGROUND) QUALITY
 - FH = FIRE HYDRANT LINE (UNDERGROUND) QUALITY
 - IR = IRRIGATION LINE (UNDERGROUND) QUALITY
 - G = GAS LINE (UNDERGROUND) QUALITY
 - O = OPTUS LINE (UNDERGROUND) QUALITY
 - S = SEWER LINE (UNDERGROUND) QUALITY
 - Sw = SEWER LINE APPROXIMATE (DBYD PLANS)
 - SW = STORMWATER LINE (UNDERGROUND) QUALITY
 - T = TELSTRA LINES (UNDERGROUND) QUALITY
 - U = UNKNOWN SERVICE (UNDERGROUND) QUALITY
 - W = WATER DISTRIBUTION LINE (UNDERGROUND) QUALITY



NOTES 1

- THE PURPOSE OF THIS PLAN IS FOR DESIGN ONLY. CURRENT PLANS ISSUED BY SERVICE PROVIDERS THROUGH "BEFORE YOU DIG AUSTRALIA" ARE STILL REQUIRED. CONTRACTORS AND SUBCONTRACTORS WILL NEED TO EXERCISE THEIR OWN "DUTY OF CARE" AND SHOULD MAKE THEIR OWN BEFORE YOU DIG AUSTRALIA ENQUIRY BEFORE EXCAVATION/CONSTRUCTION. YOU MUST ENSURE "BEFORE YOU DIG AUSTRALIA" ARE CURRENT AS THEY HAVE VARYING EXPIRATION DATES, AND MAY REQUIRE RE-ISSUE OTHERWISE THE INFORMATION ON THIS PLAN MAY NO LONGER BE CURRENT.
- WARNING: UNKNOWN SERVICES MAY EXIST THAT COULD NOT BE ELECTRONICALLY DETECTED. THE DIAGRAMS OF THE SERVICE PROVIDER MAY NOT DEPICT ALL ASSETS WITHIN THEIR NETWORK AND SERVICE PROVIDERS MAY SHARE CONDUITS AND /OR TRENCHES AT THIS LOCATION.
- WARNING: SINGLE MARKED LINES MAY REPRESENT MULTIPLE CONDUITS, PIPES END/OR CABLES AT THIS LOCATION. THE RECORDING OF DEPTHS AND POSITION OF UTILITIES CANNOT BE GUARANTEED AS CORRECT. WE RECOMMEND NON DESTRUCTIVE DIGGING/POTHOLING TO EXPOSE SERVICES FOR ACCURATE IDENTIFICATION AND DEPTH.
- CAUTION: SURESEARCH HAVE SURVEYED AND MARKED OUT EXISTING SERVICES IN THE AREA SPECIFIED BY THE CLIENT. THESE SERVICE LINES HAVE BEEN LOCATED BY ABOVE GROUND SERVICE TRACING METHODS AND HAVE NOT BEEN SIGHTED. CMS SURVEYORS HAVE THEN LOCATED THE LINE MARKED BY SURESEARCH. THE LOCATION OF THESE MARKED SERVICES ARE APPROXIMATE ONLY. THE POSITION OF THE MARKED SERVICE LINES HAS BEEN MADE, WITH REFERENCE TO THE RELEVANT SERVICE AUTHORITY DIAGRAMS. ALL SERVICES MAY NOT HAVE BEEN SHOWN AND UTILITY DESCRIPTIONS HAVE BEEN TAKEN FROM UTILITY PROVIDED DIAGRAMS WHERE AVAILABLE. WE RECOMMEND NON DESTRUCTIVE DIGGING/POTHOLING TO EXPOSE MARKED SERVICES TO IDENTIFY AND SHOW EXACT DEPTH AND LOCATION OF SERVICE LINES PRIOR TO EARTHWORKS COMMENCING. UTILITIES PLOTTED ON THE PLAN THAT TERMINATE IN THE SPECIFIED AREA MAY GO TO FEATURES THAT HAVE NOT BEEN SHOWN ON THE BACKGROUND DETAIL SURVEY PROVIDED BY CLIENT. THE RISK REMAINS WITH THE CLIENT AND/OR SUB CONTRACTOR AND THEIR RESPONSIBILITY TO EXERCISE CAUTION AT ALL TIMES.




Notes:

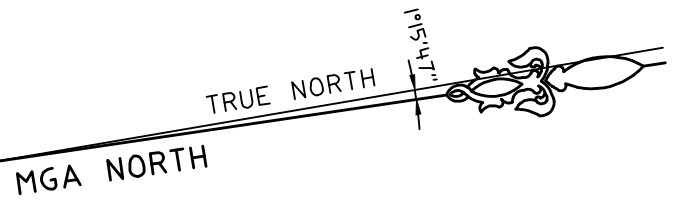
- BOUNDARY IDENTIFICATION HAS BEEN UNDERTAKEN.
- WALL TO BOUNDARY DIMENSIONS SHOWN HEREON MUST NOT BE USED FOR CONSTRUCTION.
- IF CONSTRUCTION IS INTENDED TO BE UNDERTAKEN ON OR ADJACENT TO PROPERTY BOUNDARIES THE BOUNDARIES OF THE LAND MUST BE MARKED OR THE BUILDING SETOUT.
- THIS SURVEY IS FOR DESIGN PURPOSES OF THE SUBJECT LAND ONLY. THIS PLAN MUST NOT BE USED FOR ANY OTHER MATTER, PURPOSE OR CONSTRUCTION SETOUT.
- RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.
- EXCEPT WHERE SHOWN BY DIMENSION LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS INDICATIVE ONLY.
- ONLY VISIBLE SERVICES HAVE BEEN LOCATED. UNDERGROUND SERVICES HAVE NOT BEEN LOCATED. BEFORE YOU DIG AUSTRALIA (www.byoudig.com.au) SHOULD BE USED AND A FULL UTILITY INVESTIGATION, INCLUDING A UTILITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SURVEYED AREA.
- SEWER MAIN PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.

Notes:

- CONTOURS SHOWN DEPICT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
- CONTOUR INTERVAL - 0.5 metre. - SPOT LEVELS SHOULD BE ADOPTED.
- POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).
- THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1:800 AND 1:100 AS NOTED.
- DO NOT SCALE OFF THIS PLAN / FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED READINGS.
- COPYRIGHT © CMS SURVEYORS 2023.
- NO PART OF THIS SURVEY MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF THE COPYRIGHT OWNER EXCEPT AS PERMITTED BY THE COPYRIGHT ACT 1968.
- ANY PERMITTED DOWNLOADING, ELECTRONIC STORAGE, DISPLAY, PRINT, COPY OR REPRODUCTION OF THIS SURVEY SHOULD CONTAIN NO ALTERATION OR ADDITION TO THE ORIGINAL SURVEY.
- THIS NOTICE MUST NOT BE ERASED.

Karl Robertson
REGISTERED SURVEYOR BOSSI NUMBER 7835

		HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA 2020 (GROUND) MARKS ADOPTED: PM 41908 & SSM 13702						CLIENT: DEPARTMENT OF EDUCATION SCHOOL INFRASTRUCTURE NSW		PLAN SHOWING SURVEY OF UNDERGROUND SERVICES OVER LOT 172 IN DP839785 No.46-54 SECOND AVENUE KINGSWOOD, NSW, 2747		 CMS SURVEYORS PTY LTD ACN 096 240 201 PO Box 463 Dee Why, NSW, 2099 2/99A South Creek Road, Dee Why, NSW, 2099 ☎ (02) 9971 4802 ✉ info@cmsurveyors.com.au 🌐 www.cmsurveyors.com.au		<table><tr><td>SURVEYED HH/MM/JUL</td><td>DRAWN CJ/RJUL</td><td>CHECKED HH/MM/JUL</td><td>APPROVED RM/JUL</td></tr><tr><td>SURVEY INSTRUCTION 22695A</td><td>SCALE 1:600@A1</td><td colspan="2">DATE OF SURVEY 25-28/09/23 & 11/12/24</td></tr><tr><td>DRAWING NAME</td><td colspan="2">22695A Service Kingswood PS (2312)</td><td>SHEET 1 OF 19</td><td>ISSUE 2</td></tr><tr><td>CAD FILE</td><td colspan="2">22695A Service 2 Kingswood PS (2312).dwg</td><td colspan="2"></td></tr></table>				SURVEYED HH/MM/JUL	DRAWN CJ/RJUL	CHECKED HH/MM/JUL	APPROVED RM/JUL	SURVEY INSTRUCTION 22695A	SCALE 1:600@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24		DRAWING NAME	22695A Service Kingswood PS (2312)		SHEET 1 OF 19	ISSUE 2	CAD FILE	22695A Service 2 Kingswood PS (2312).dwg			
SURVEYED HH/MM/JUL	DRAWN CJ/RJUL	CHECKED HH/MM/JUL	APPROVED RM/JUL																																
SURVEY INSTRUCTION 22695A	SCALE 1:600@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24																																	
DRAWING NAME	22695A Service Kingswood PS (2312)		SHEET 1 OF 19	ISSUE 2																															
CAD FILE	22695A Service 2 Kingswood PS (2312).dwg																																		
		VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: PM 41908 R.L. 43.871 (CLASS LB) SOURCE: S.C.I.M.S. (12/10/2023)						LGA: PENRITH																											
2	UNDERGROUND DRAINAGE UPDATED	12/12/2024																																	
1	FIRST ISSUE	19/10/2023																																	



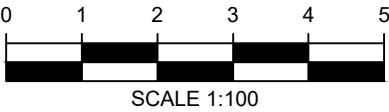
SEE SHEET 1 FOR NOTES & LEGEND

AVENUE

SECOND

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
**DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW**

LGA: PENRITH

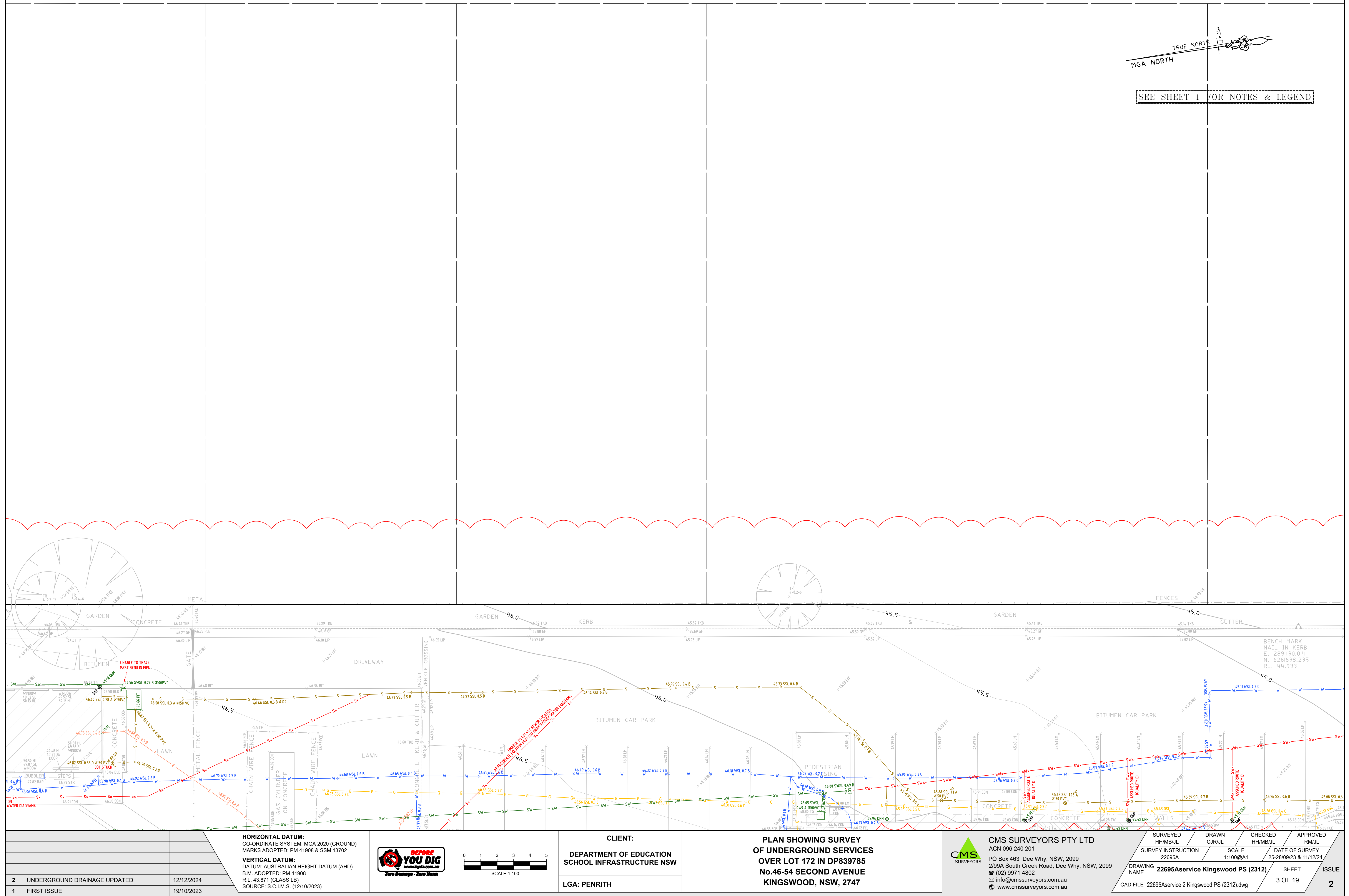
**PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747**

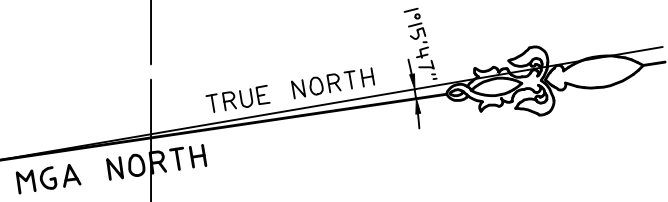


CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
(02) 9971 4802
info@cmsurveyors.com.au
www.cmsurveyors.com.au

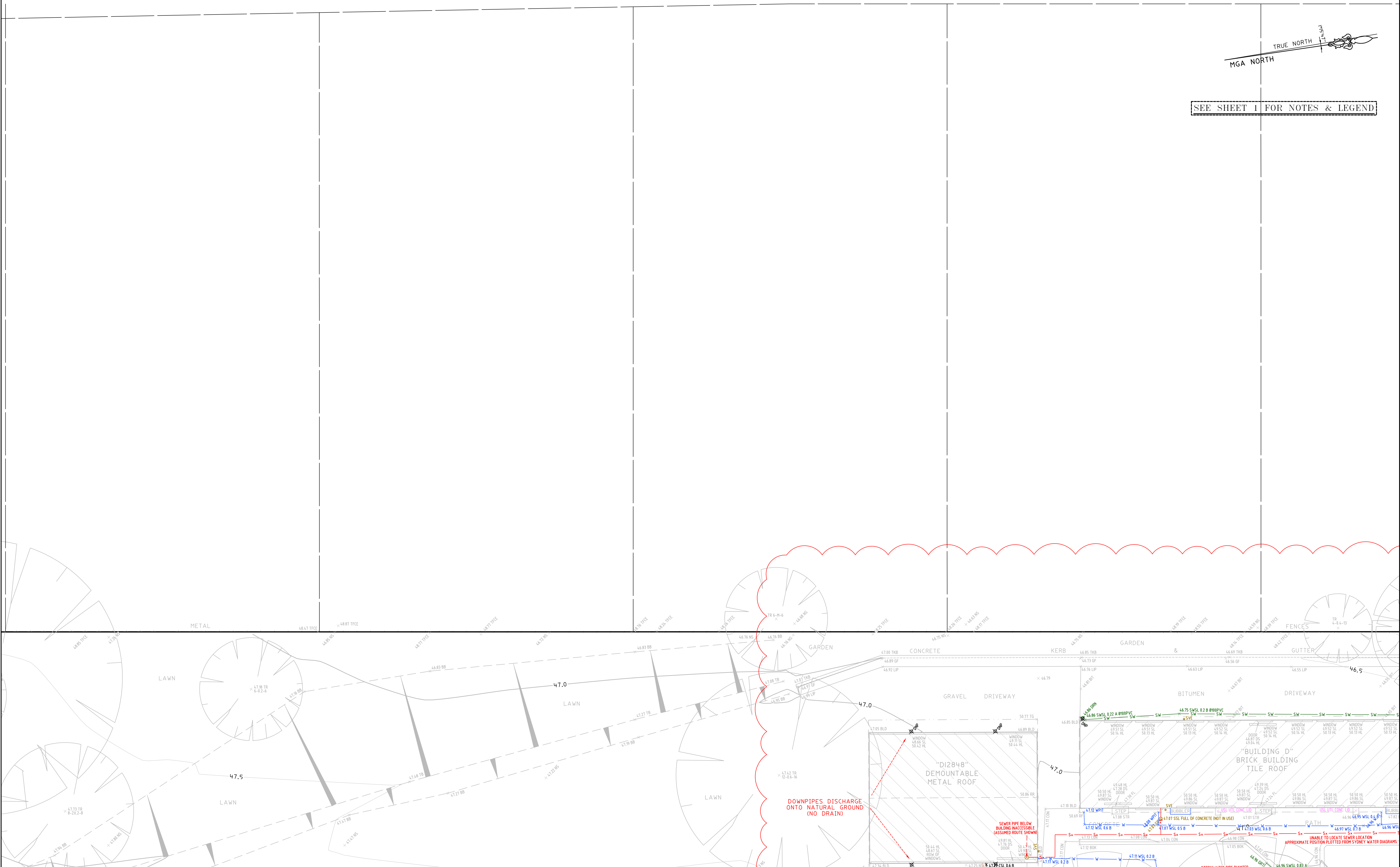
	SURVEYED HH/MB/JL	DRAWN CJR/JL	CHECKED HH/MB/JL	APPROVED RM/JL	
	SURVEY INSTRUCTION 22695A	SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24		
DRAWING NAME	22695A service Kingswood PS (2312)			SHEET	ISSUE
CAD FILE 22695A service 2 Kingswood PS (2312).dwg				2 OF 19	
					2




2	UNDERGROUND DRAINAGE UPDATED	12/12/2024
1	FIRST ISSUE	19/10/2023

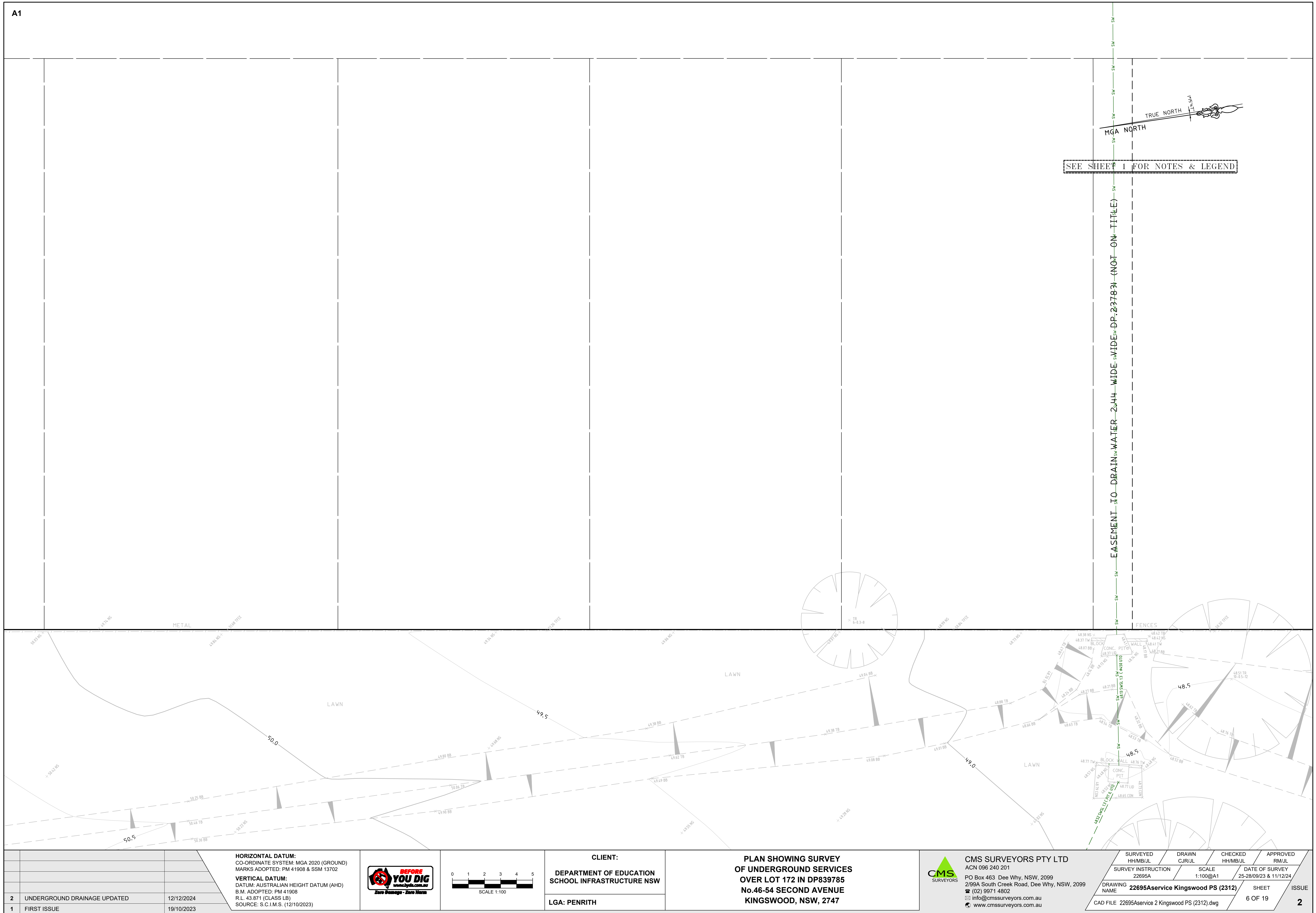


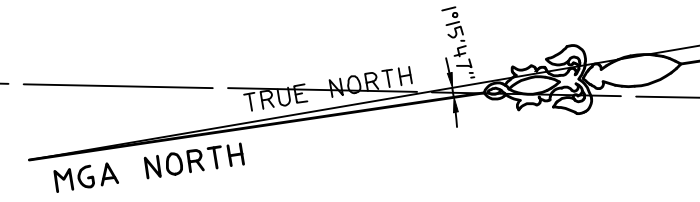


SEE SHEET 1 FOR NOTES & LEGEND



		HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA 2020 (GROUND) MARKS ADOPTED: PM 41908 & SSM 13702				 SCALE 1:100		CLIENT: DEPARTMENT OF EDUCATION SCHOOL INFRASTRUCTURE NSW		PLAN SHOWING SURVEY OF UNDERGROUND SERVICES OVER LOT 172 IN DP839785 No.46-54 SECOND AVENUE KINGSWOOD, NSW, 2747		 CMS SURVEYORS PTY LTD ACN 096 240 201 PO Box 463 Dee Why, NSW, 2099 2/99A South Creek Road, Dee Why, NSW, 2099 ☎ (02) 9971 4802 ✉ info@cmsurveyors.com.au 🌐 www.cmsurveyors.com.au		<table><tr><td>SURVEYED HH/MB/JUL</td><td>DRAWN CJ/RJUL</td><td>CHECKED HH/MB/JUL</td><td>APPROVED RM/JUL</td></tr><tr><td>SURVEY INSTRUCTION 22695A</td><td>SCALE 1:100@A1</td><td colspan="2">DATE OF SURVEY 25-28/09/23 & 11/12/24</td></tr><tr><td>DRAWING NAME</td><td colspan="2">22695A service Kingswood PS (2312)</td><td>SHEET 4 OF 19</td></tr><tr><td>CAD FILE</td><td colspan="2">22695A service 2 Kingswood PS (2312).dwg</td><td>ISSUE 2</td></tr></table>		SURVEYED HH/MB/JUL	DRAWN CJ/RJUL	CHECKED HH/MB/JUL	APPROVED RM/JUL	SURVEY INSTRUCTION 22695A	SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24		DRAWING NAME	22695A service Kingswood PS (2312)		SHEET 4 OF 19	CAD FILE	22695A service 2 Kingswood PS (2312).dwg		ISSUE 2
SURVEYED HH/MB/JUL	DRAWN CJ/RJUL	CHECKED HH/MB/JUL	APPROVED RM/JUL																												
SURVEY INSTRUCTION 22695A	SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24																													
DRAWING NAME	22695A service Kingswood PS (2312)		SHEET 4 OF 19																												
CAD FILE	22695A service 2 Kingswood PS (2312).dwg		ISSUE 2																												
2	UNDERGROUND DRAINAGE UPDATED	12/12/2024	VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: PM 41908 R.L. 43.871 (CLASS LB) SOURCE: S.C.I.M.S. (12/10/2023)																												
1	FIRST ISSUE	19/10/2023							LGA: PENRITH																						





SEE SHEET 1 FOR NOTES & LEGEND

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW

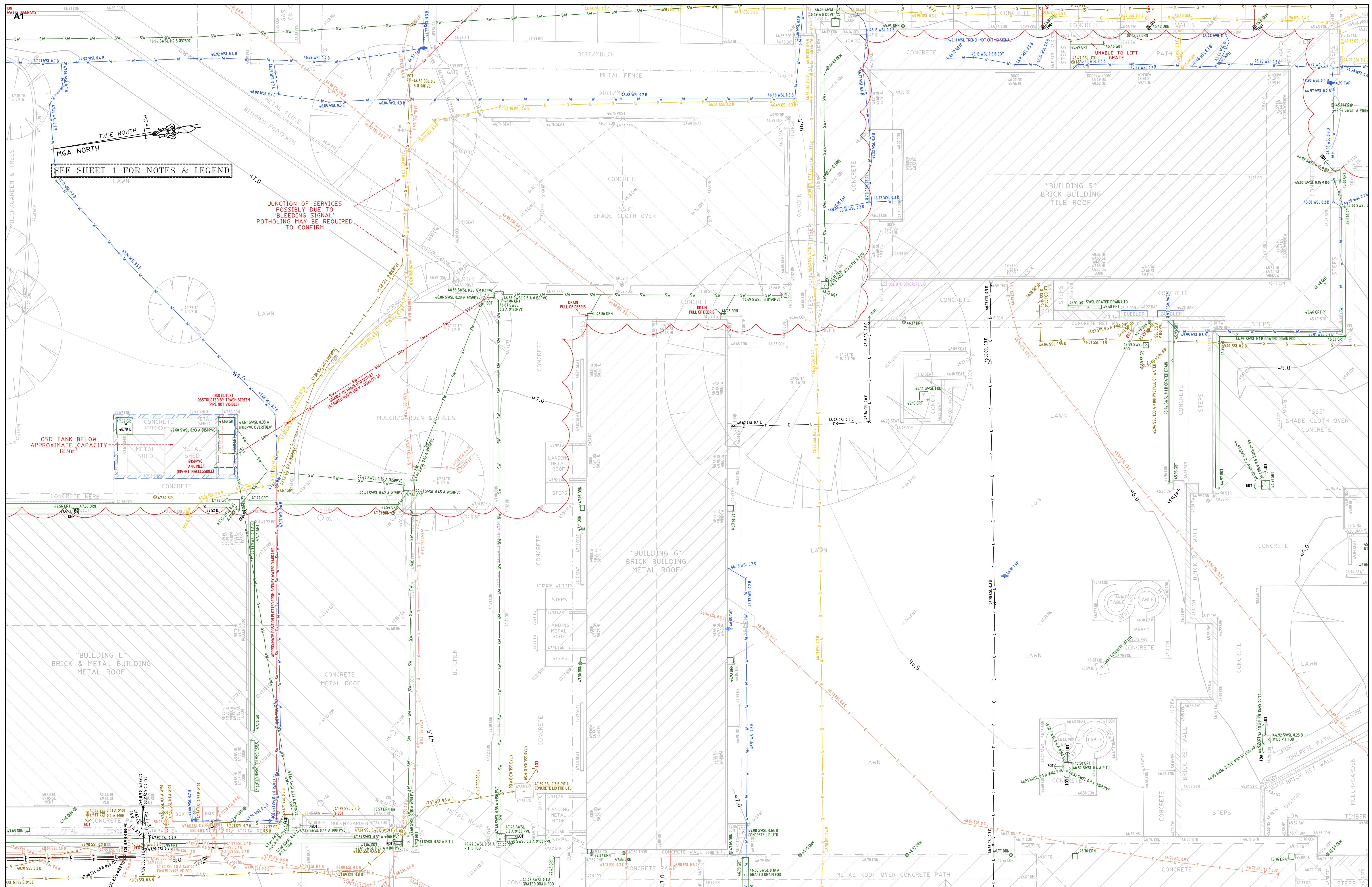
LGA: PENRITH

PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747

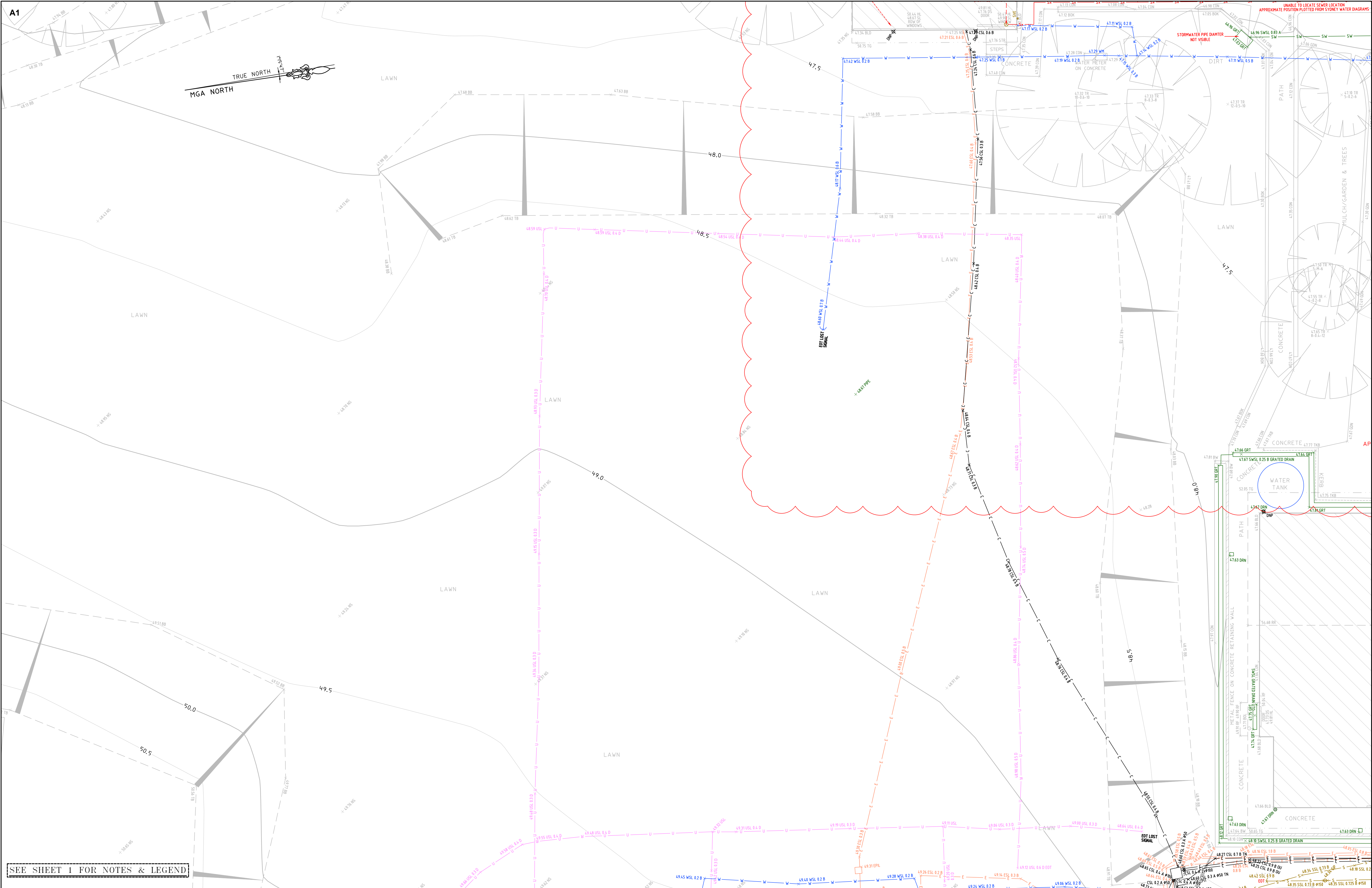


CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
(02) 9971 4802
info@cmssurveyors.com.au
www.cmssurveyors.com.au

SURVEYED HH/MB/JL	DRAWN CJR/JL	CHECKED HH/MB/JL	APPROVED RM/JL
SURVEY INSTRUCTION 22695A	SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24	
DRAWING NAME	22695A service Kingswood PS (2312)	SHEET 7 OF 19	ISSUE 2
CAD FILE 22695A service 2 Kingswood PS (2312).dwg			



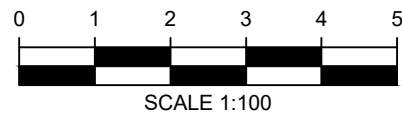
		<div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></</div></div></div></div></div></div>	
--	--	--	--



SEE SHEET 1 FOR NOTES & LEGEND

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW

LGA: PENRITH

PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747



CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
(02) 9971 4802
info@cmsurveyors.com.au
www.cmsurveyors.com.au

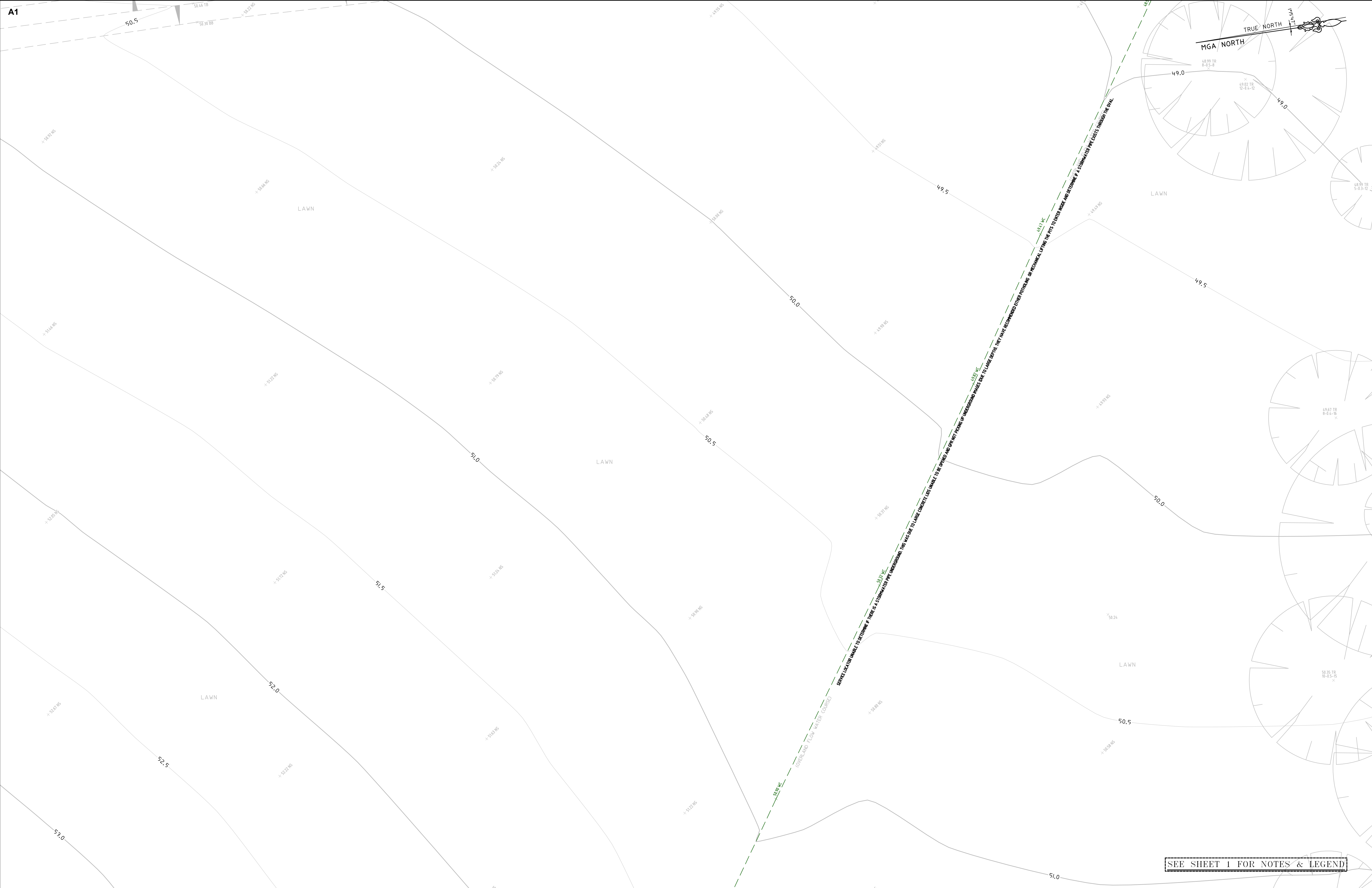
	SURVEYED HH/MB/JL	DRAWN CJ/RJL	CHECKED HH/MB/JL	APPROVED RM/JL
	SURVEY INSTRUCTION 22695A		SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24
DRAWING NAME	22695A service Kingswood PS (2312)			SHEET 10 OF 19
CAD FILE	22695A service 2 Kingswood PS (2312).dwg			ISSUE 2

2	UNDERGROUND DRAINAGE UPDATED	12/12/2024
1	FIRST ISSUE	19/10/2023

The site plan illustrates a park area with several key features and elevation data:

- Orientation:** A north arrow in the top left corner indicates 'TRUE NORTH' and 'MGA NORTH'.
- Topography:** Contour lines are drawn at 0.5m intervals, with labels such as 48.5, 49.0, 49.5, 50.0, 50.5, and 51.0.
- Vegetation:** Numerous trees are depicted as circles with radial lines representing branches. Each tree is labeled with its type and size, for example:
 - 48.99 TR 5-8.3-12
 - 49.25 TR 6-8.2-12
 - 49.32 TR 6-8.2-14
 - 49.81 TR 5-8.15-8
 - 49.87 TR 5-8.15-8
 - 49.98 TR 4-6.15-8
 - 50.02 TR 7.14-2.4-16
 - 50.16 TR 6-8.2-12
 - 50.13 TR 6-8.2-16
 - 50.64 TR 5-8.3-12
 - 50.68 TR 14-8.4-18
 - 50.71 TR 17-8.4-18
- Open Spaces:** Areas labeled 'LAWN' are scattered throughout the plan.
- Structures and Features:**
 - A 'CONCRETE BASKETBALL COURT' is located in the bottom right corner.
 - A 'BENCH MARK NAIL IN CONCRETE' is noted with coordinates: E. 289459.954, N. 6261473.316, and RL. 50.816.
 - Various points are marked with 'BB' (e.g., 48.95 BB, 48.78 BB, 48.51 BB, 48.74 BB, 48.69 BB, 48.70 BB, 48.28 BB, 48.63 BB, 48.64 BB, 48.59 BB, 49.83 BB, 50.24 BB, 50.91 BB, 50.71 BB, 50.82 BB, 50.72 BB) and 'TB' (e.g., 48.95 TB, 48.74 TB, 48.69 TB, 48.70 TB, 49.83 TB, 50.24 TB, 50.91 TB, 50.71 TB, 50.82 TB, 50.72 TB).
- Scale and Notes:** A scale bar at the top left indicates a distance of 15.0 meters. A note at the top left states 'SEE SHEET 1 FOR NOTES & LEGEND'.

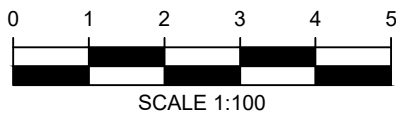
				<div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div><div><div><div><div></div></div></div></div></div></div></div></div>	
--	--	--	--	--	--



2	UNDERGROUND DRAINAGE UPDATED	12/12/2024
1	FIRST ISSUE	19/10/2023

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW

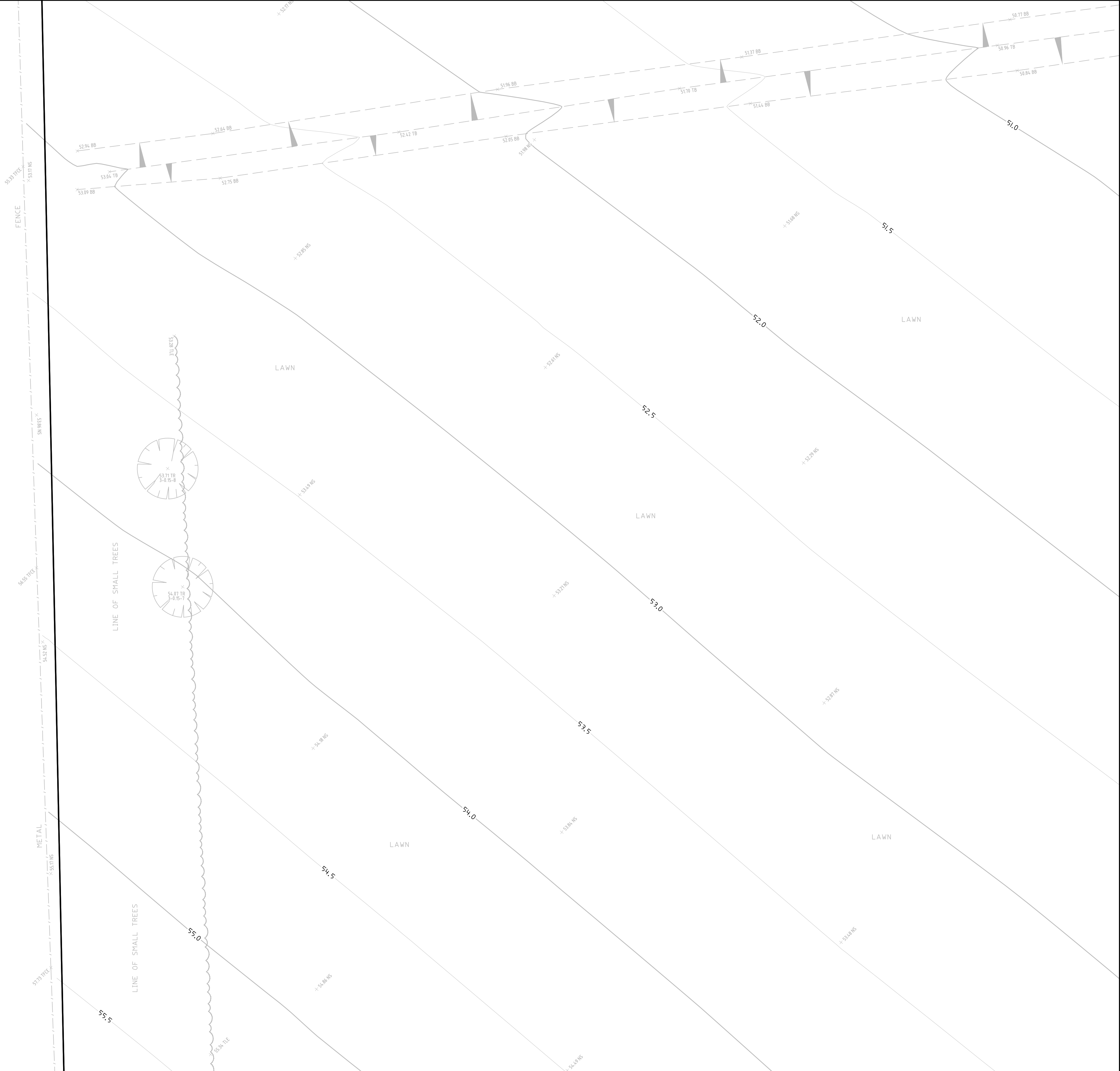
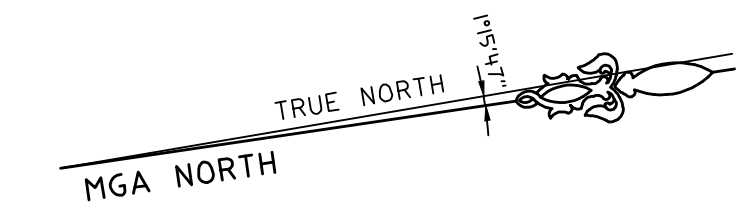
LGA: PENRITH

PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747



CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
(02) 9971 4802
info@cmssurveyors.com.au
www.cmssurveyors.com.au

SURVEYED HH/MB/JL	DRAWN CJR/JL	CHECKED HH/MB/JL	APPROVED RM/JL
SURVEY INSTRUCTION 22695A	SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24	
DRAWING NAME	22695A service Kingswood PS (2312)	SHEET 12 OF 19	ISSUE 2
CAD FILE 22695A service 2 Kingswood PS (2312).dwg			



SEE SHEET 1 FOR NOTES & LEGEND

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW

LGA: PENRITH

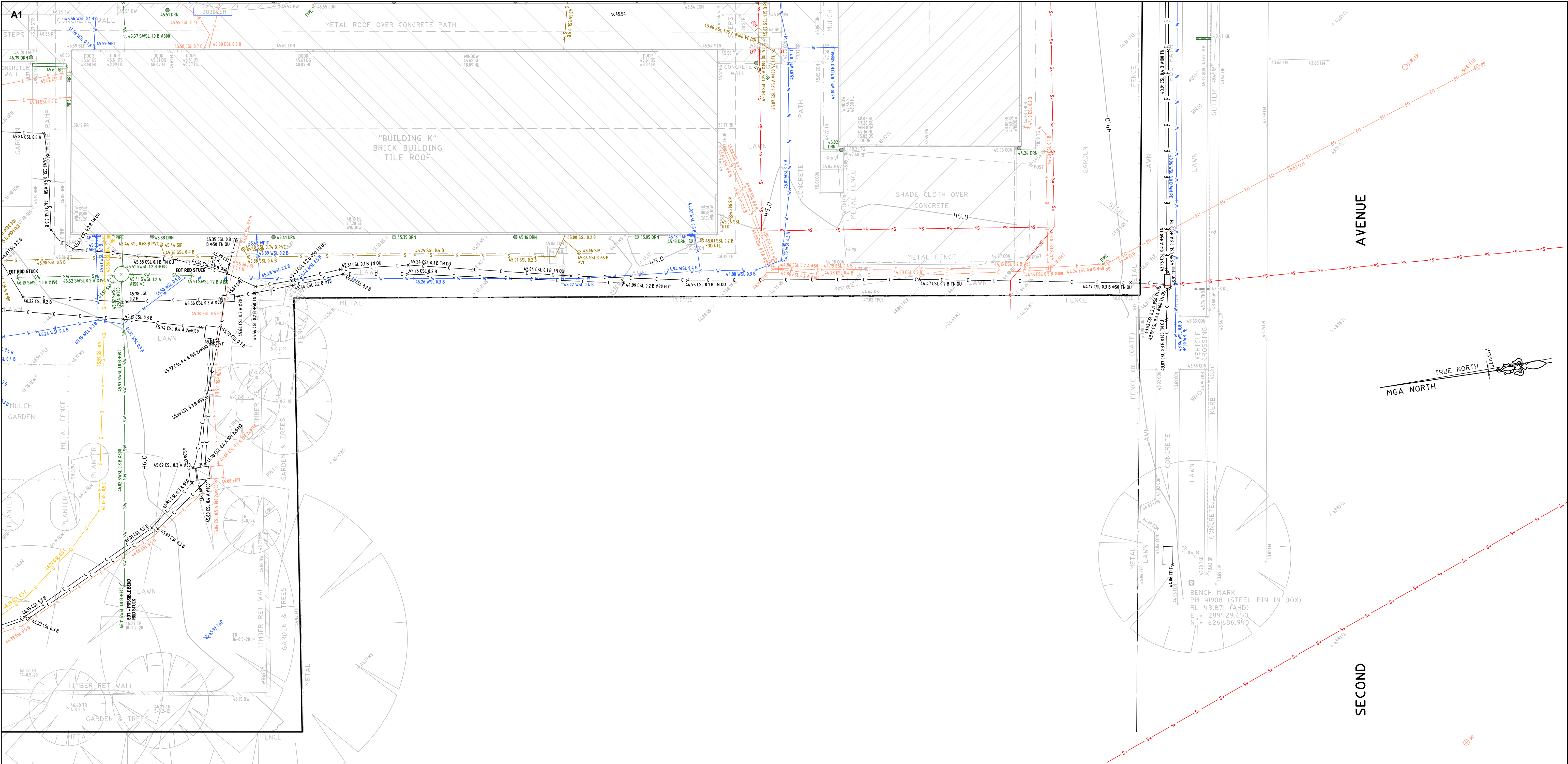
PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747



CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
(02) 9971 4802
info@cmssurveyors.com.au
www.cmssurveyors.com.au

SURVEYED HH/MB/JL	DRAWN CJR/JL	CHECKED HH/MB/JL	APPROVED RM/JL
SURVEY INSTRUCTION 22695A	SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24	
DRAWING NAME	22695A service Kingswood PS (2312)	SHEET 13 OF 19	ISSUE 2
CAD FILE 22695A service 2 Kingswood PS (2312).dwg			

2	UNDERGROUND DRAINAGE UPDATED	12/12/2024
1	FIRST ISSUE	19/10/2023

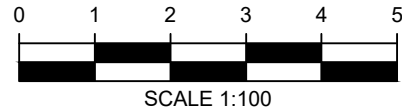


SEE SHEET 1 FOR NOTES & LEGEND

2	UNDERGROUND DRAINAGE UPDATED	12/12/2024
1	FIRST ISSUE	19/10/2023

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW

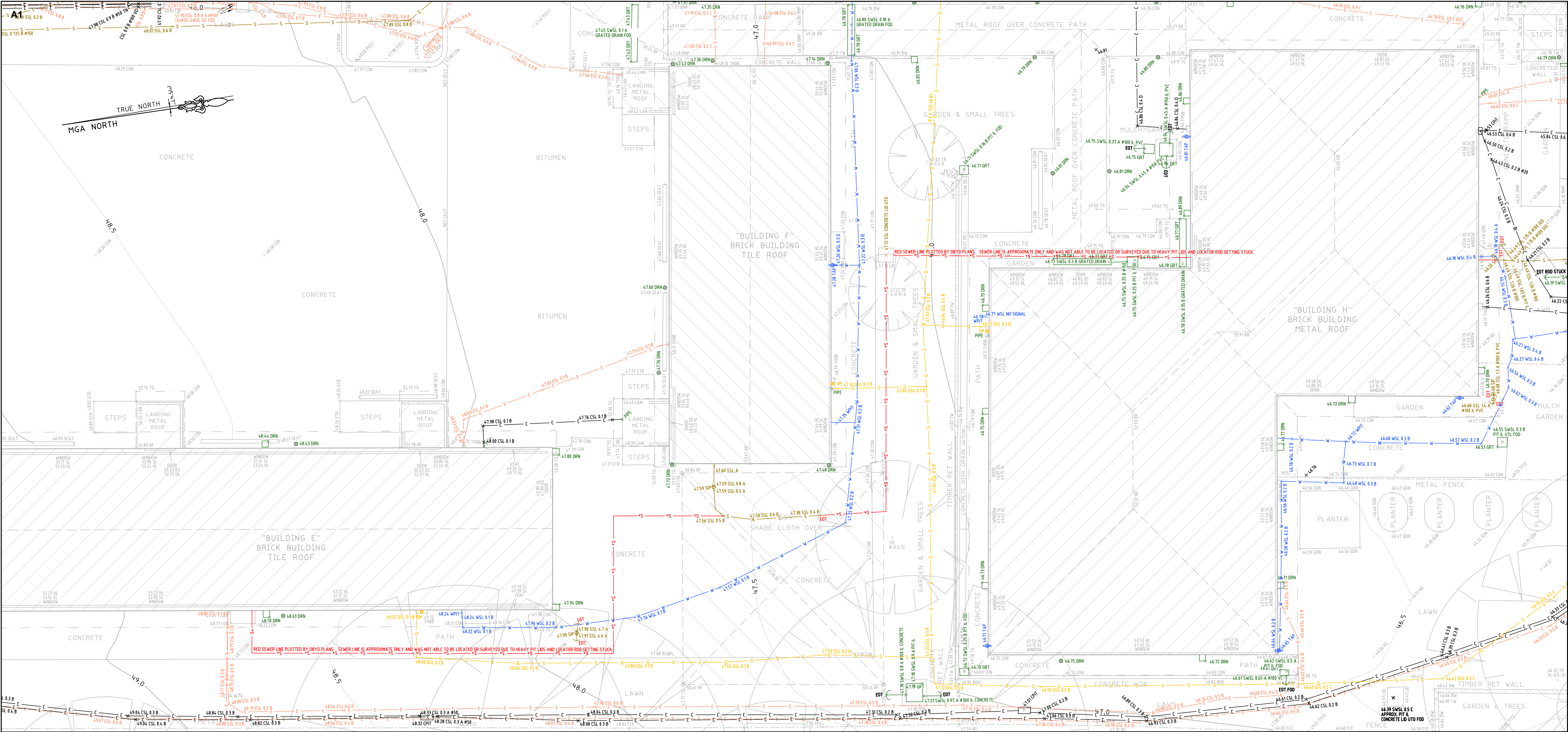
LGA: PENRITH

PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747



CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
(02) 9971 4802
info@cmsurveyors.com.au
www.cmsurveyors.com.au

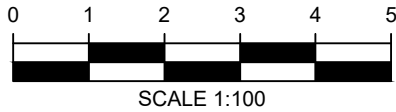
SURVEYED HH/MB/JL		DRAWN CJR/JL	CHECKED HH/MB/JL	APPROVED RM/JL
SURVEY INSTRUCTION 22695A		SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24	
DRAWING NAME	22695Aservice Kingswood PS (2312)			SHEET 14 OF 19
CAD FILE 22695Aservice 2 Kingswood PS (2312).dwg				ISSUE 2



SEE SHEET 1 FOR NOTES & LEGEND

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
**DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW**

LGA: PENRITH

**PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747**






CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
(02) 9971 4802
info@cmsurveyors.com.au
www.cmsurveyors.com.au

SURVEYED HH/MM/JL	DRAWN CJ/RJ/L	CHECKED HH/MM/JL	APPROVED RM/JL
SURVEY INSTRUCTION 22695A	SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24	
DRAWING NAME	22695A Service Kingswood PS (2312)	SHEET 15 OF 19	ISSUE 2
CAD FILE 22695A Service 2 Kingswood PS (2312).dwg			

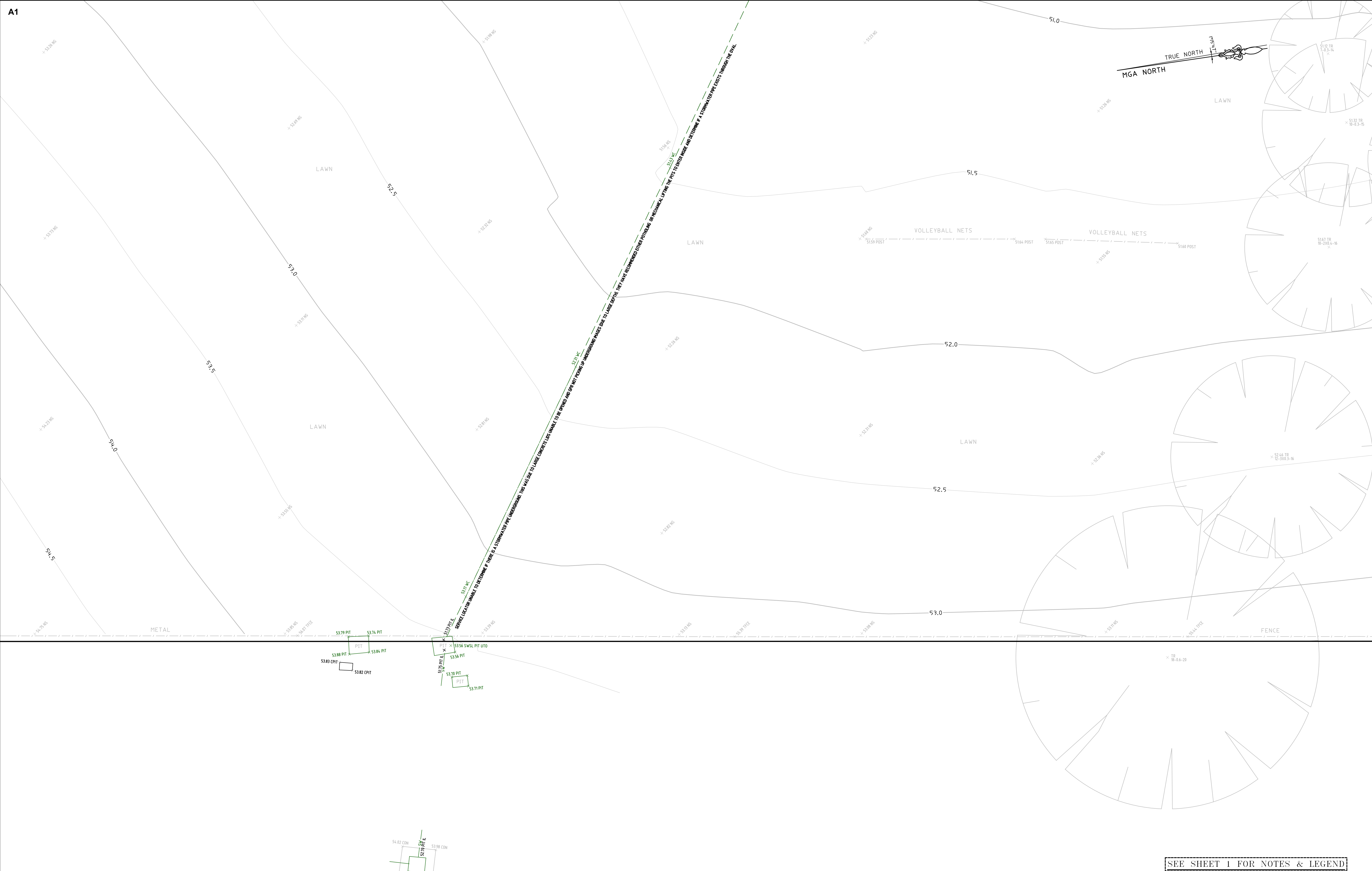


SEE SHEET 1 FOR NOTES & LEGEND

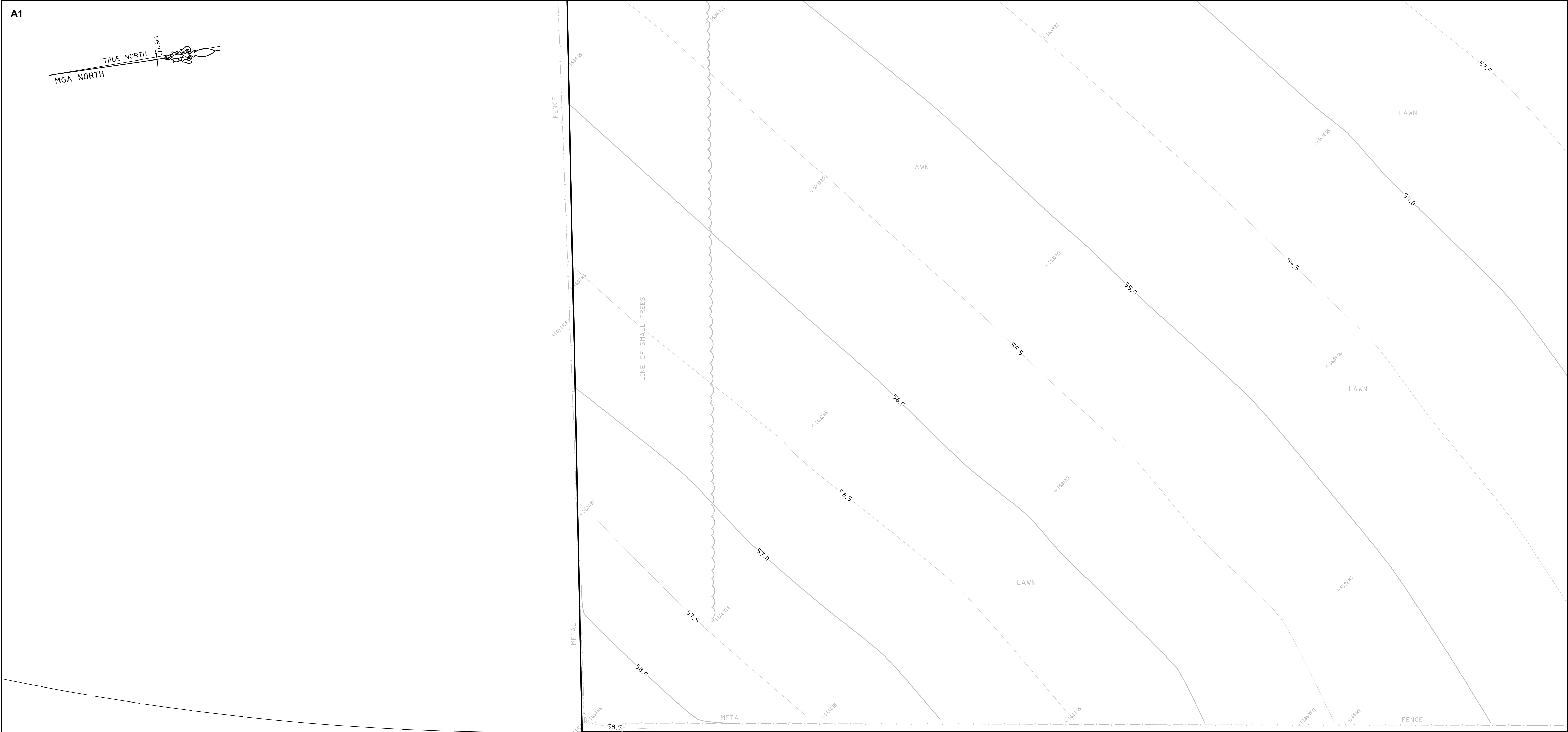
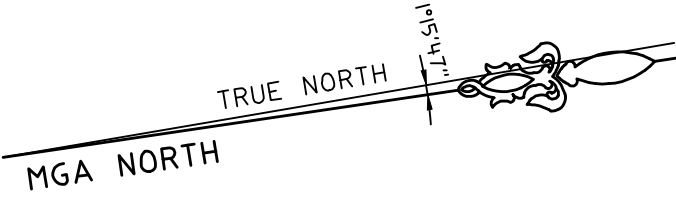
		HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA 2020 (GROUND) MARKS ADOPTED: PM 41908 & SSM 13702						CLIENT: DEPARTMENT OF EDUCATION SCHOOL INFRASTRUCTURE NSW		PLAN SHOWING SURVEY OF UNDERGROUND SERVICES OVER LOT 172 IN DP839785 No.46-54 SECOND AVENUE KINGSWOOD, NSW, 2747		 CMS SURVEYORS PTY LTD ACN 096 240 201 PO Box 463 Dee Why, NSW, 2099 2/99A South Creek Road, Dee Why, NSW, 2099 ☎ (02) 9971 4802 ✉ info@cmsurveyors.com.au 🌐 www.cmsurveyors.com.au		<table><tr><td>SURVEYED HH/MB/JL</td><td>DRAWN CJ/RJ/L</td><td>CHECKED HH/MB/JL</td><td>APPROVED RM/JL</td></tr><tr><td colspan="2">SURVEY INSTRUCTION 22695A</td><td>SCALE 1:100@A1</td><td>DATE OF SURVEY 25-28/09/23 & 11/12/24</td></tr><tr><td colspan="3">DRAWING NAME 22695Aservice Kingswood PS (2312)</td><td>SHEET 16 OF 19</td><td>ISSUE 2</td></tr><tr><td colspan="5">CAD FILE 22695Aservice 2 Kingswood PS (2312).dwg</td></tr></table>		SURVEYED HH/MB/JL	DRAWN CJ/RJ/L	CHECKED HH/MB/JL	APPROVED RM/JL	SURVEY INSTRUCTION 22695A		SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24	DRAWING NAME 22695Aservice Kingswood PS (2312)			SHEET 16 OF 19	ISSUE 2	CAD FILE 22695Aservice 2 Kingswood PS (2312).dwg				
SURVEYED HH/MB/JL	DRAWN CJ/RJ/L	CHECKED HH/MB/JL	APPROVED RM/JL																														
SURVEY INSTRUCTION 22695A		SCALE 1:100@A1	DATE OF SURVEY 25-28/09/23 & 11/12/24																														
DRAWING NAME 22695Aservice Kingswood PS (2312)			SHEET 16 OF 19	ISSUE 2																													
CAD FILE 22695Aservice 2 Kingswood PS (2312).dwg																																	
2	UNDERGROUND DRAINAGE UPDATED	12/12/2024	VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: PM 41908 R.L. 43.871 (CLASS LB) SOURCE: S.C.I.M.S. (12/10/2023)																														
1	FIRST ISSUE	19/10/2023																															

SEE SHEET 1 FOR NOTES & LEGEND

			<div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></</div></div></div></div></div></div>
--	--	--	---



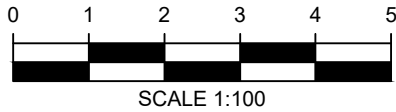
			HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA 2020 (GROUND) MARKS ADOPTED: PM 41908 & SSM 13702			CLIENT: DEPARTMENT OF EDUCATION SCHOOL INFRASTRUCTURE NSW LGA: PENRITH	PLAN SHOWING SURVEY OF UNDERGROUND SERVICES OVER LOT 172 IN DP839785 No.46-54 SECOND AVENUE KINGSWOOD, NSW, 2747		CMS SURVEYORS PTY LTD ACN 096 240 201 PO Box 463 Dee Why, NSW, 2099 2/99A South Creek Road, Dee Why, NSW, 2099 (02) 9971 4802 info@cmsurveyors.com.au www.cmsurveyors.com.au	<div>SURVEYED HH/MB/JL</div> <div>SURVEY INSTRUCTION 22695A</div> <div>DRAWING NAME</div> <div>CAD FILE 22695Aservice 2 Kingswood PS (2312).dwg</div>	<div>DRAWN CJR/JL</div> <div>SCALE 1:100@A1</div> <div>22695Aservice Kingswood PS (2312)</div>	<div>CHECKED HH/MB/JL</div> <div>DATE OF SURVEY 25-28/09/23 & 11/12/24</div> <div>SHEET 18 OF 19</div>	<div>APPROVED RM/JL</div> <div>ISSUE 2</div>
2	UNDERGROUND DRAINAGE UPDATED	12/12/2024	VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: PM 41908 R.L. 43.871 (CLASS LB) SOURCE: S.C.I.M.S. (12/10/2023)										
1	FIRST ISSUE	19/10/2023											



SEE SHEET 1 FOR NOTES & LEGEND

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA 2020 (GROUND)
MARKS ADOPTED: PM 41908 & SSM 13702

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: PM 41908
R.L. 43.871 (CLASS LB)
SOURCE: S.C.I.M.S. (12/10/2023)



CLIENT:
DEPARTMENT OF EDUCATION
SCHOOL INFRASTRUCTURE NSW

LGA: PENRITH

PLAN SHOWING SURVEY
OF UNDERGROUND SERVICES
OVER LOT 172 IN DP839785
No.46-54 SECOND AVENUE
KINGSWOOD, NSW, 2747

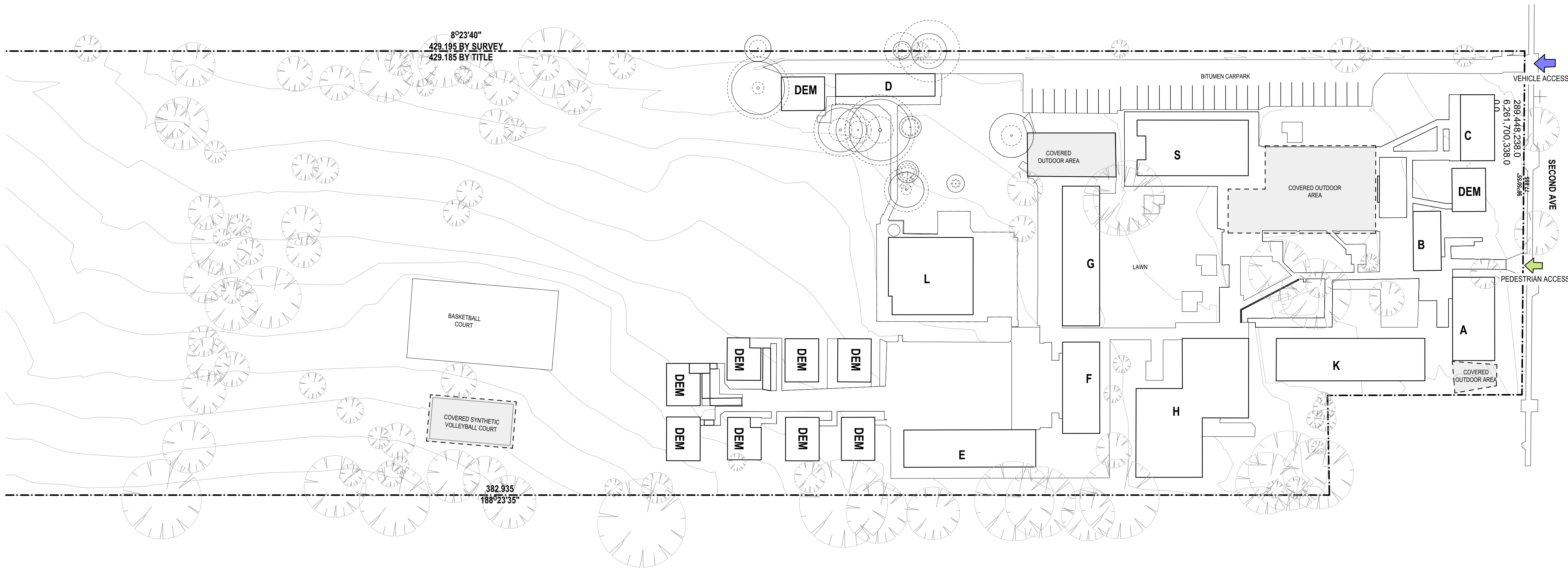


CMS SURVEYORS PTY LTD
ACN 096 240 201
PO Box 463 Dee Why, NSW, 2099
2/99A South Creek Road, Dee Why, NSW, 2099
☎ (02) 9971 4802
✉ info@cmssurveyors.com.au
🌐 www.cmssurveyors.com.au

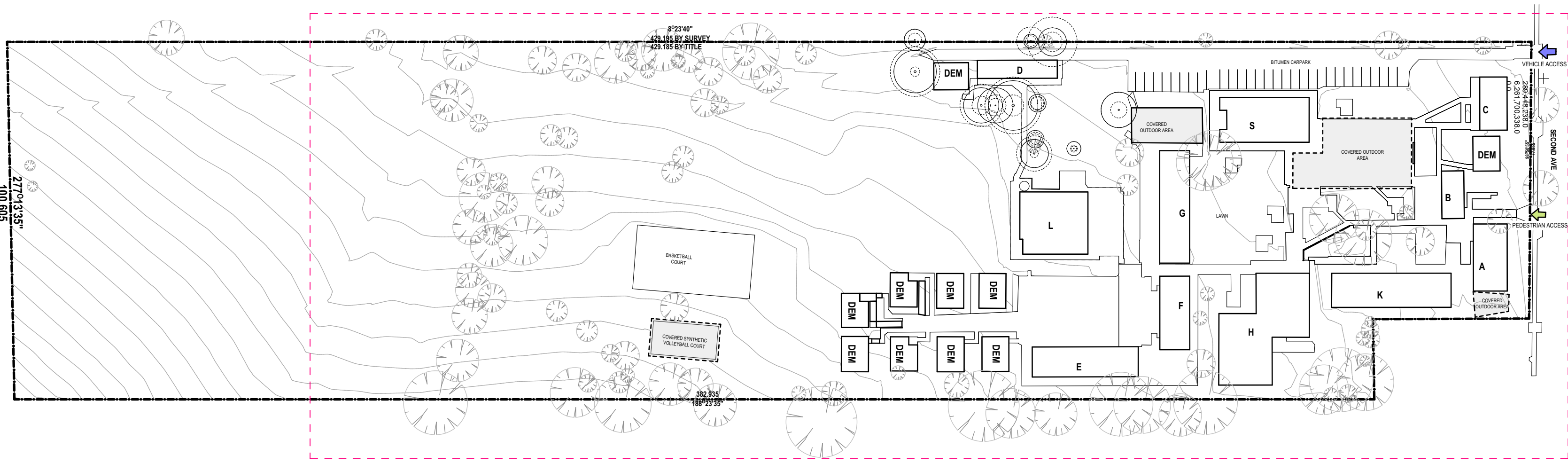
SURVEYED HH/MB/JL		DRAWN CJR/JL	CHECKED HH/MB/JL	APPROVED RM/JL
SURVEY INSTRUCTION 22695A		SCALE 1:100@A1		DATE OF SURVEY 25-28/09/23 & 11/12/24
DRAWING NAME		22695A service Kingswood PS (2312)		
CAD FILE 22695A service 2 Kingswood PS (2312).dwg		SHEET 19 OF 19		ISSUE 2

2	UNDERGROUND DRAINAGE UPDATED	12/12/2024
1	FIRST ISSUE	19/10/2023

Appendix B – Architectural Plans



1 PLAN
EXISTING SITE PLAN
SCALE: 1:500



2 PLAN
KEY SITE PLAN
SCALE: 1:1000

SITE PLAN LEGEND	
	BOUNDARY LINE
	MINOR CONTOUR
	MAJOR CONTOUR
	EXISTING BUILDING
	EXTENT OF HARD SURFACES
	LINE OF ROOF ABOVE
	FENCE LINE
	EXISTING TREE
ELP	ELECTRICAL POLE
SWP	STORM WATER PIT
SIC	SEWER INSPECTION CHAMBER
CP	COMMUNICATIONS PIT
EP	ELECTRICAL PIT
FH	FIRE HYDRANT
H	HYDRANT
GP	GAS PIT
SV	STOP VALVE
SVB	SHARED VALVE BOX

fulton trotter

ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS					
Greg Isaac	NSW 6855	QLD 2520			
Justine Eborary	NSW 8371	QLD 3313			
John Ward	NSW 7434	QLD 3847			
Katerina Diacopoulos	NSW 7180	QLD 4528			
Paul Skovron		QLD 1108			
Ryan Lovetday		QLD 4500			

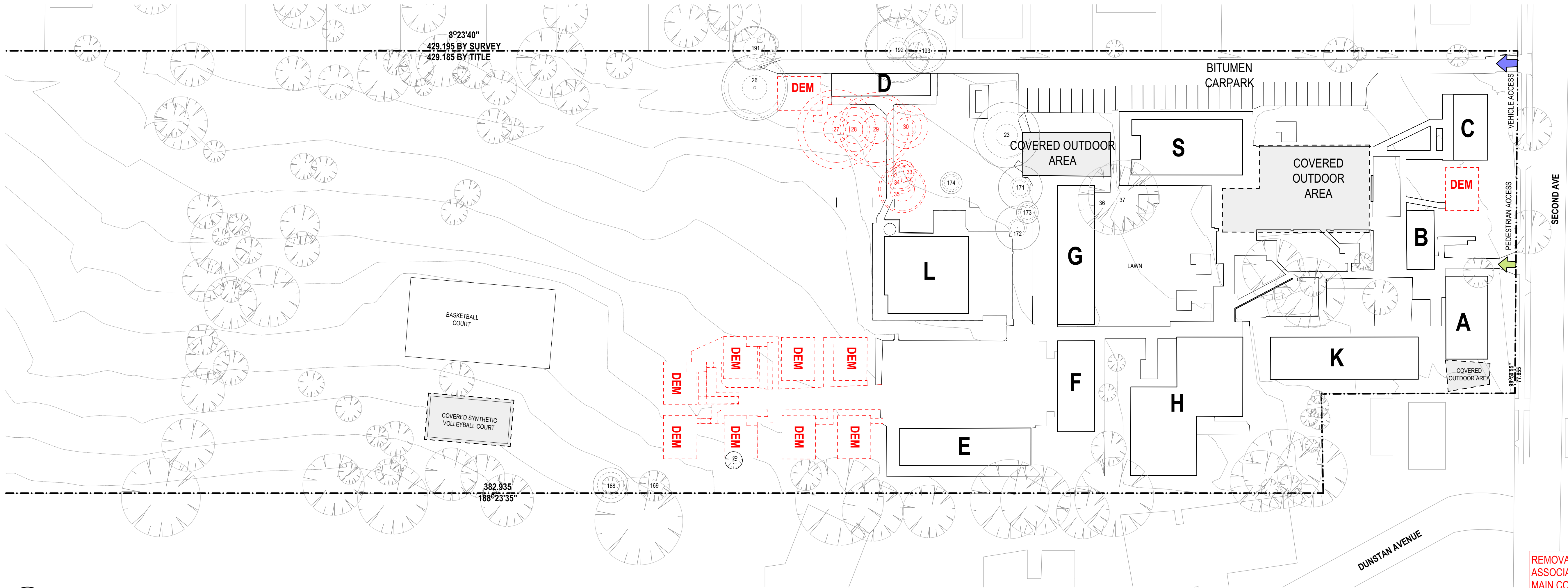
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

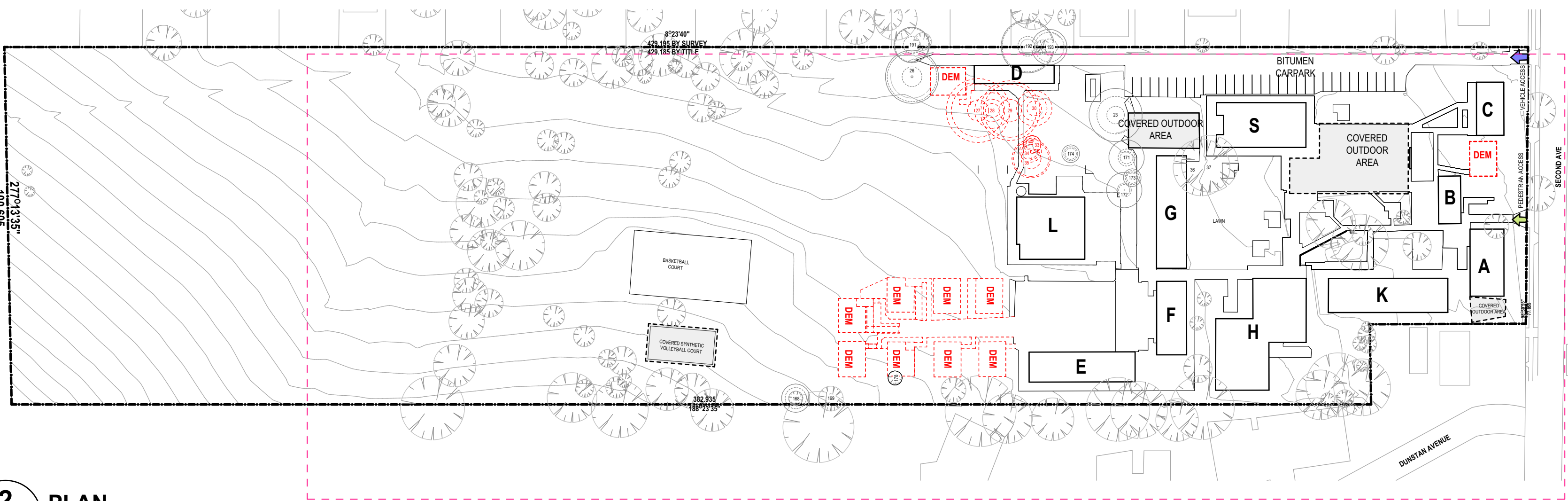
DRAWING	PROJECT	CLIENT	PHASE
EXISTING SITE PLAN	7068KW01	JW	NSW
PROJECT NUMBER	DIRECTOR	CHECKED	
7068KW01	JW	NK	
DRAWING NUMBER	REVISION		
KIPS-FTA-00-00-DR-A-1001			

02



REMOVAL OF DEMOUNTABLE AND ASSOCIATED WALKWAYS ARE NOT PART OF MAIN CONTRACT WORKS

1 PLAN
DEMOLITION SITE PLAN
SCALE: 1:500



2 PLAN
KEY PLAN
SCALE: 1:1000

SITE PLAN LEGEND	
	BOUNDARY LINE
	MINOR CONTOUR
	MAJOR CONTOUR
	EXISTING BUILDING
	EXTENT OF HARD SURFACES
	LINE OF ROOF ABOVE
	FENCE LINE
	EXISTING TREE
ELP	ELECTRICAL POLE
SWP	STORM WATER PIT
SIC	SEWER INSPECTION CHAMBER
CP	COMMUNICATIONS PIT
EP	ELECTRICAL PIT
FH	FIRE HYDRANT
H	HYDRANT
GP	GAS PIT
SV	STOP VALVE
SVB	SHARED VALVE BOX
	TO BE DEMOLISHED

150mm @ A1
150
100
50

10	REVISED SD - TREE REMOVAL	15/04/2025	AK
09	TENDER ADDENDUM	27/02/2025	NK
08	TENDER ADDENDUM	21/02/2025	NK
07	TENDER ADDENDUM	20/02/2025	NK
06	100% SCHEMATIC DESIGN	14/01/2025	NK
05	100% SCHEMATIC DESIGN	10/01/2025	NK
04	95% SCHEMATIC DESIGN	19/12/2024	LS
03	REVISED 80% SCHEMATIC DESIGN	10/12/2024	NK
02	80% SCHEMATIC DESIGN	06/12/2024	AK
01	50% SCHEMATIC DESIGN	15/11/2024	LS
P5	100% CONCEPT DESIGN	04/11/2024	NK
P4	80% CONCEPT DESIGN	18/10/2024	NK
REV.	DESCRIPTION	DATE	INIT.

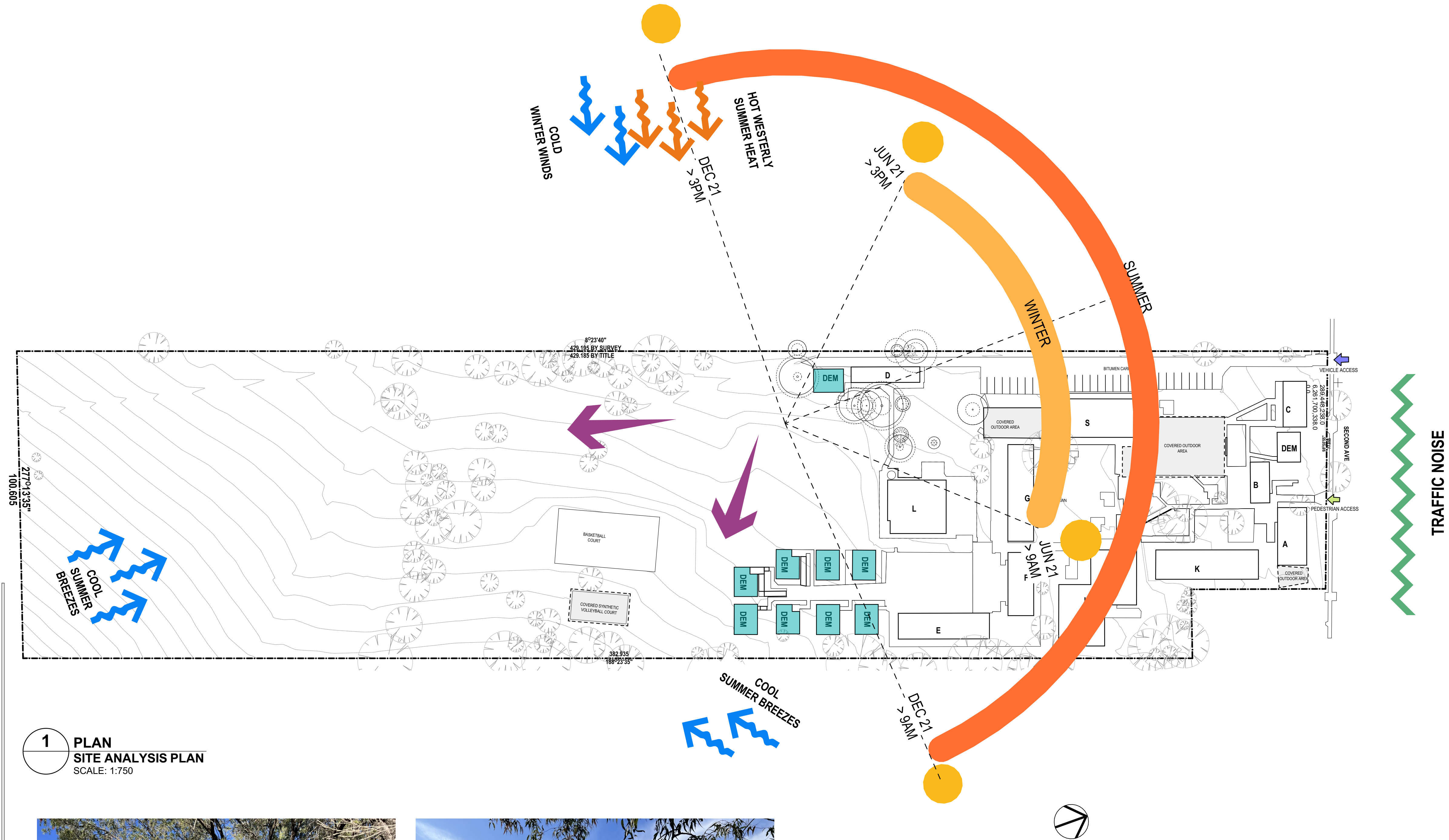
fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly, in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS	NSW 6855	QLD 2520
Greg Isaac nra		QLD 3313
Justine Eboray nra		QLD 3847
John Ward nra	VIC 18804	NSW 8371
Katerina Diacopoulos nra		NSW 7434
Paul Skelton nra		QLD 4528
Ryan Loveday nra		QLD 1108
		QLD 4500

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

DRAWING
DEMOLITION SITE PLAN
Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	NK
DRAWING NUMBER		REVISION
KIPS-FTA-00-00-DR-A-1002		10



SITE PLAN LEGEND	
	BOUNDARY LINE
	MINOR CONTOUR
	MAJOR CONTOUR
	EXISTING BUILDING
	EXTENT OF HARD SURFACES
	LINE OF ROOF ABOVE
	FENCE LINE
	EXISTING TREE
ELP	ELECTRICAL POLE
SWP	STORM WATER PIT
SIC	SEWER INSPECTION CHAMBER
CP	COMMUNICATIONS PIT
EP	ELECTRICAL PIT
FH	FIRE HYDRANT
H	HYDRANT
GP	GAS PIT
SV	STOP VALVE
SVB	SHARED VALVE BOX

SITE ANALYSIS LEGEND	
	VEHICLE ACCESS
	PEDESTRIAN ACCESS
	SUN
	BREEZE
	HEAT
	VIEW
	PLAY SPACE
	DEMOUNTABLE

1 PLAN
SITE ANALYSIS PLAN
SCALE: 1:750



REV.	DESCRIPTION	DATE	INIT.
02	95% SCHEMATIC DESIGN	19/12/2024	LS
01	80% SCHEMATIC DESIGN	06/12/2024	AK

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra QLD 2600
Justine Ebbury nra QLD 3313
John Ward nra QLD 3847
Katerina Diacopoulos nra QLD 4528
Paul Skovron nra QLD 1108
Ryan Lovetday nra QLD 4500

NSW 6855
NSW 8371
NSW 7434
NSW 7180

DRAWING PROJECT CLIENT PHASE
7068KW01
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

DIRECTOR
JW

DRAWING
SITE ANALYSIS PLAN
Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

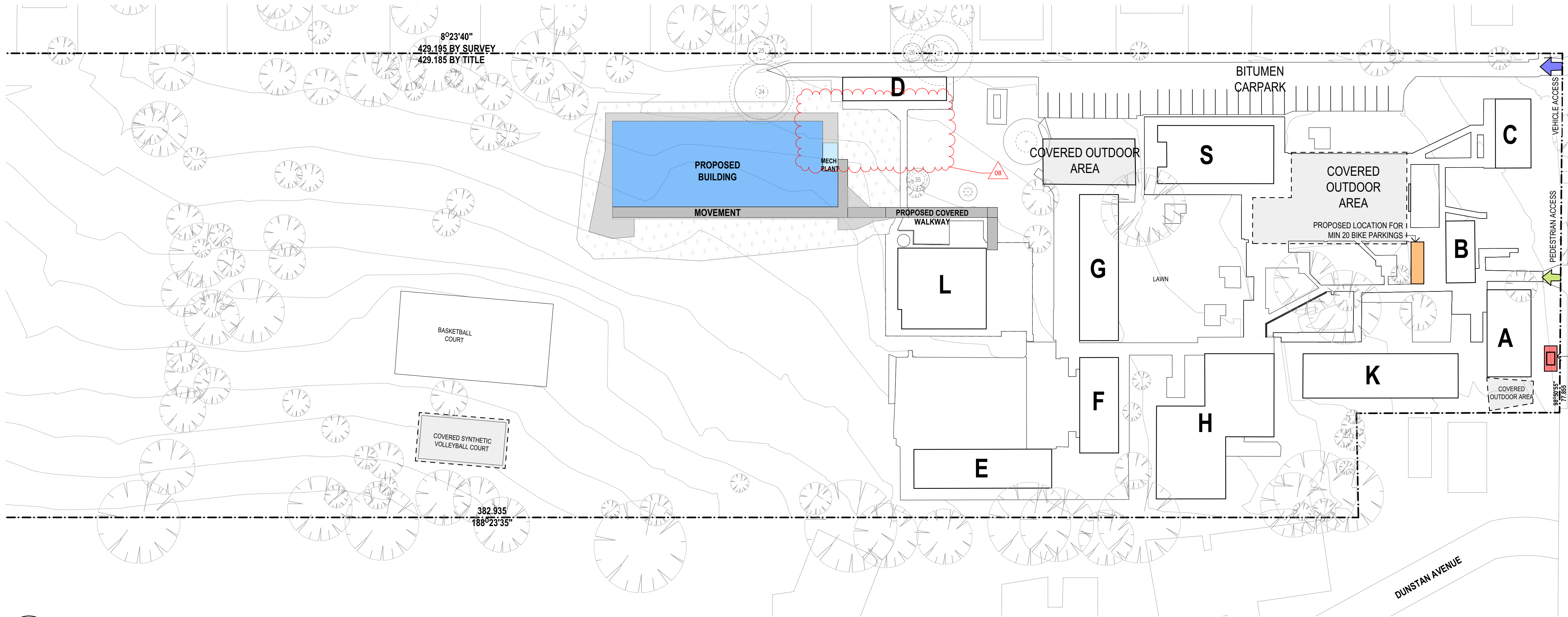
PROJECT NUMBER
7068KW01

DIRECTOR
JW

CHECKED
NK

DRAWING NUMBER
KIPS-FTA-00-00-DR-A-1003

REVISION
02

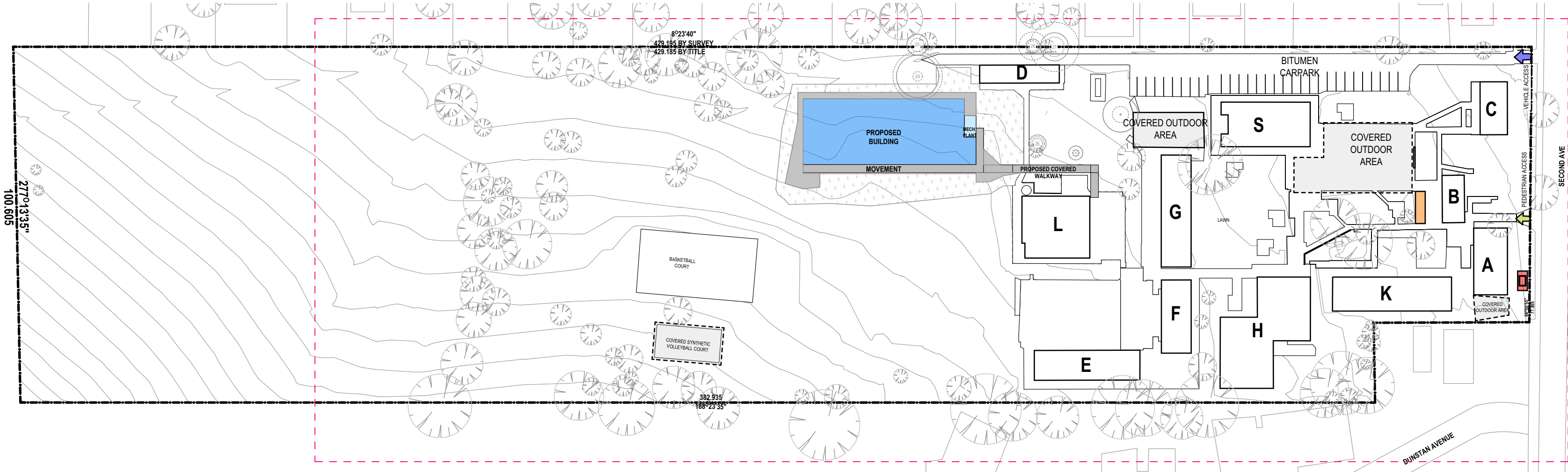


PROPOSED SITE PLAN LEGEND

- PROPOSED NEW BUILDING
- WALKWAY
- PROPOSED LOCATION FOR BIKE RACKS
- PROPOSED NEW SUBSTATION
- PROPOSED GARDEN BED
- PROPOSED TURFED AREA

PROPOSED NEW SUBSTATION AS PER ELECTRICAL DETAILS

1 PLAN
PROPOSED SITE PLAN
SCALE: 1:500



1 PLAN
PROPOSED SITE PLAN
SCALE: 1:1000

fulton trotter

ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra NSW 6855 QLD 2500
Justine Elzary nra QLD 3313
John Ward nra NSW 8371 QLD 3847
Katerina Diacopoulos nra NSW 7434 QLD 4528
Paul Skovron nra VIC 1804 NSW 7180 QLD 1108
Ryan Loveday nra QLD 4500

REV.	DESCRIPTION	DATE	INIT.
08	TENDER ADDENDUM	21/02/2025	NK
07	TENDER ADDENDUM	20/02/2025	NK
06	100% SCHEMATIC DESIGN	20/01/2025	NK
05	100% SCHEMATIC DESIGN	14/01/2025	NK
04	100% SCHEMATIC DESIGN	10/01/2025	NK
03	95% SCHEMATIC DESIGN	19/12/2024	LS
02	REVISED 80% SCHEMATIC DESIGN	10/12/2024	NK
01	80% SCHEMATIC DESIGN	06/12/2024	AK

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

PROPOSED SITE PLAN

Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

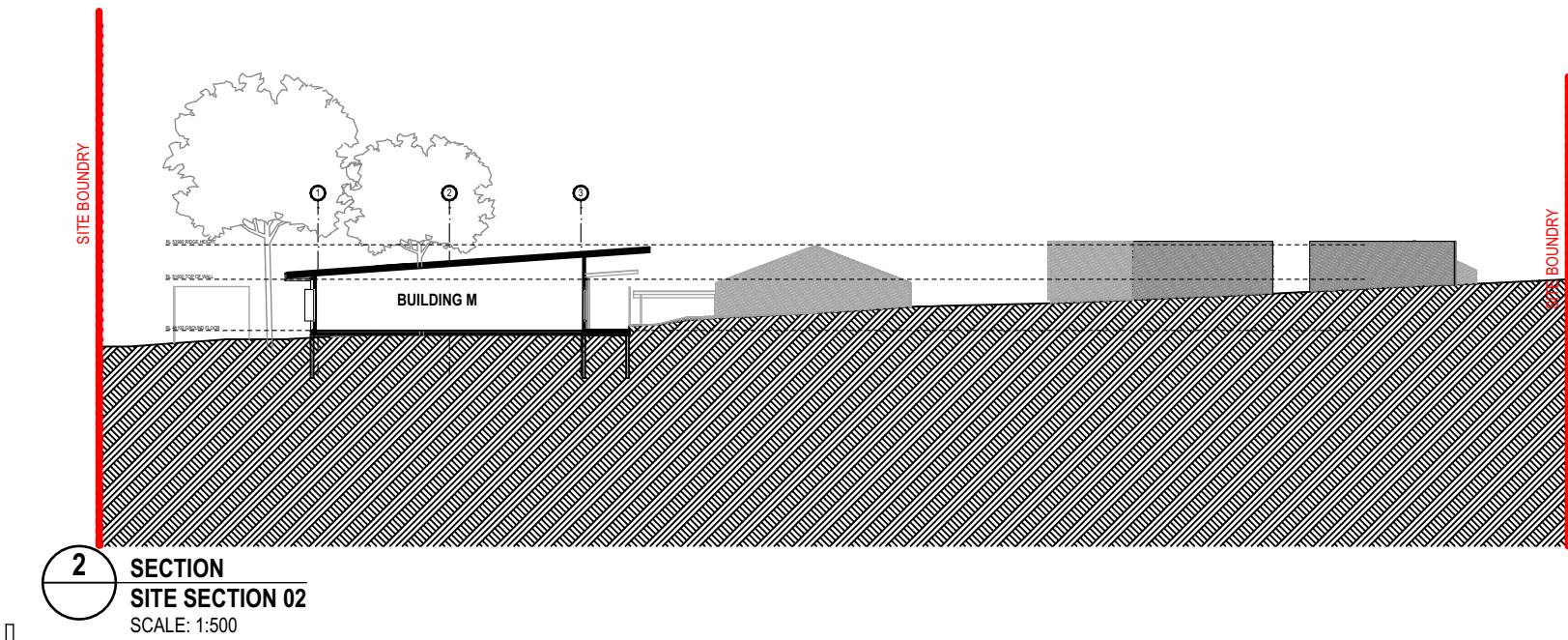
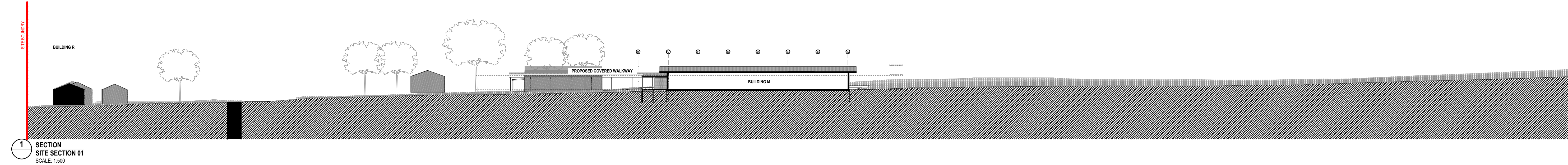
PROJECT NUMBER 7068KW01 DIRECTOR JW

DRAWING NUMBER KIPS-FTA-00-00-DR-A-1101

CHECKED NK

REVISION

08



REV.	DESCRIPTION	DATE	INIT.
03	95% SCHEMATIC DESIGN	19/12/2024	LS
02	80% SCHEMATIC DESIGN	09/12/2024	AK
01	50% SCHEMATIC DESIGN	15/11/2024	LS
P5	100% CONCEPT DESIGN	04/11/2024	NK
P4	80% CONCEPT DESIGN	18/10/2024	NK
P3	MASTERPLAN VALIDATION	09/10/2024	NK
P2	FOR INFORMATION	27/09/2024	LS
P1	FOR INFORMATION	20/09/2024	LS

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t: (02) 8383 5151 e: sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra
Justine Elzany fra
John Ward nra
Katerina Diacopoulos fra
Paul Spikova fra
Ryan Lovetday fra

NSW 6855
VIC 18804
NSW 8371
NSW 7434
NSW 7190

QLD 2500
QLD 3313
QLD 3847
QLD 4528
QLD 1108
QLD 4500

DRAWING

PROJECT CLIENT / PHASE

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

ADDRESS

KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

DRAWING

SITE SECTION

Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

PROJECT NUMBER

7068KW01

DRAWING NUMBER

KIPS-FTA-00-00-DR-A-1201

DIRECTOR

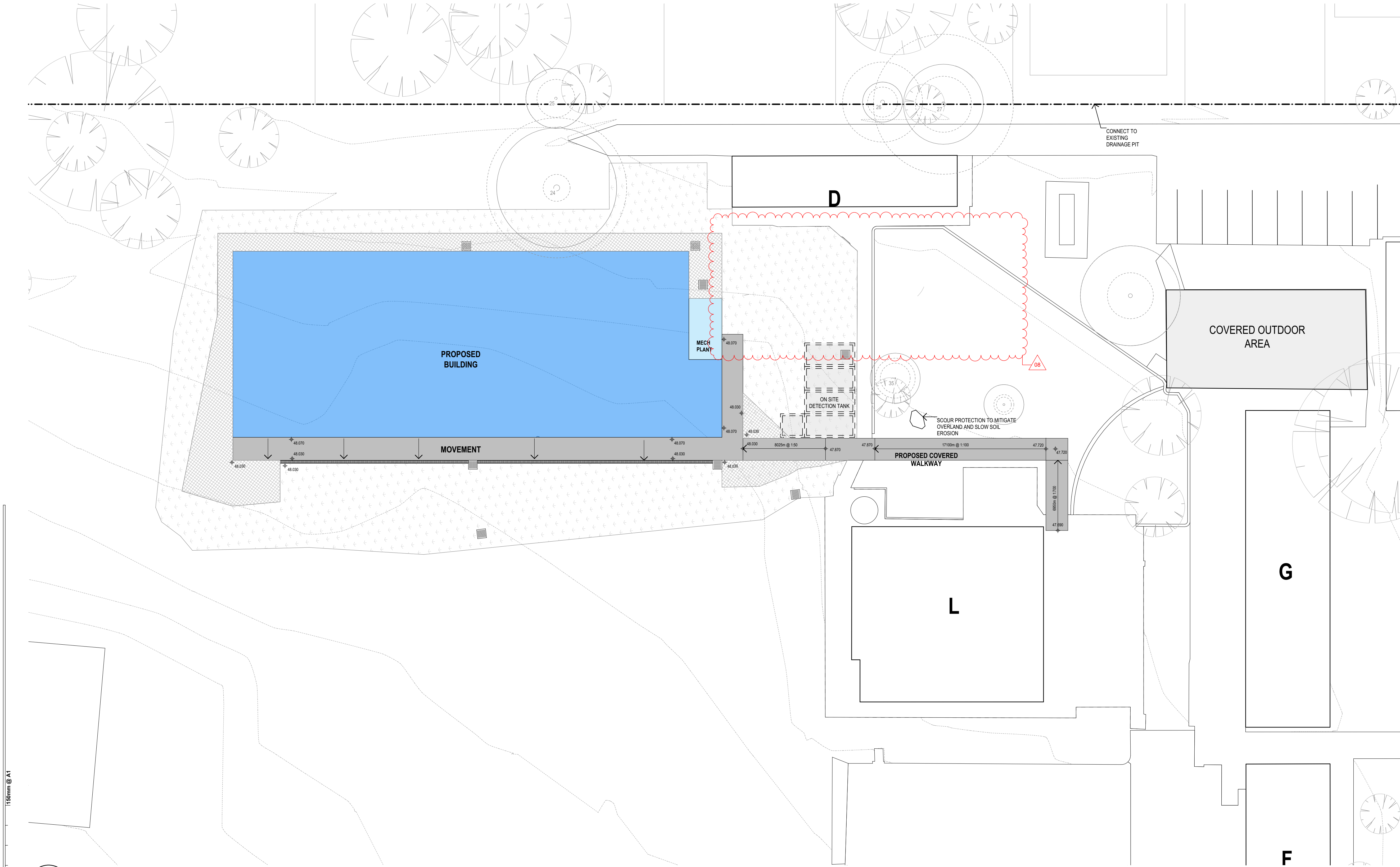
JW

REVISION

03

CHECKED

NK



SITE PLAN LEGEND	
	BOUNDARY LINE
	MINOR CONTOUR
	MAJOR CONTOUR
	EXISTING BUILDING
	EXTENT OF HARD SURFACES
	LINE OF ROOF ABOVE
	FENCE LINE
	EXISTING TREE
ELP	ELECTRICAL POLE
SWP	STORM WATER PIT
SIC	SEWER INSPECTION CHAMBER
CP	COMMUNICATIONS PIT
EP	ELECTRICAL PIT
FH	FIRE HYDRANT
H	HYDRANT
GP	GAS PIT
SV	STOP VALVE
SVB	SHARED VALVE BOX
	TO BE DEMOLISHED
	STORMWATER PIT (REFER TO CIVIL)

1 PLAN
EXTERNAL WORKS PLAN
SCALE: 1:200

08	TENDER ADDENDUM	21/02/2025	NK
07	100% SCHEMATIC DESIGN	20/01/2025	NK
06	100% SCHEMATIC DESIGN	14/01/2025	NK
05	100% SCHEMATIC DESIGN	10/01/2025	NK
04	95% SCHEMATIC DESIGN	19/12/2024	LS
03	REVISED 80% SCHEMATIC DESIGN	10/12/2024	NK
02	80% SCHEMATIC DESIGN	06/12/2024	AK
01	50% SCHEMATIC DESIGN	15/11/2024	LS
P4	100% CONCEPT DESIGN	04/11/2024	NK
P3	80% CONCEPT DESIGN	18/10/2024	NK
P2	MASTERPLAN VALIDATION	09/10/2024	NK
P1	FOR INFORMATION	27/09/2024	LS
REV.	DESCRIPTION	DATE	INIT.

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra NSW 6855 QLD 2520
Justine Elzany fraa QLD 3313 QLD 3313
John Ward nra NSW 8371 QLD 3847
Katerina Diacopoulos fraa NSW 7434 QLD 4528
Paul Skovra fraa VIC 18804 NSW 7180 QLD 1108
Ryan Lovetday fraa QLD 4500

PROJECT CLIENT / PHASE
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

ADDRESS PROJECT CLIENT / PHASE
KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

EXTERNAL WORKS PLAN

Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

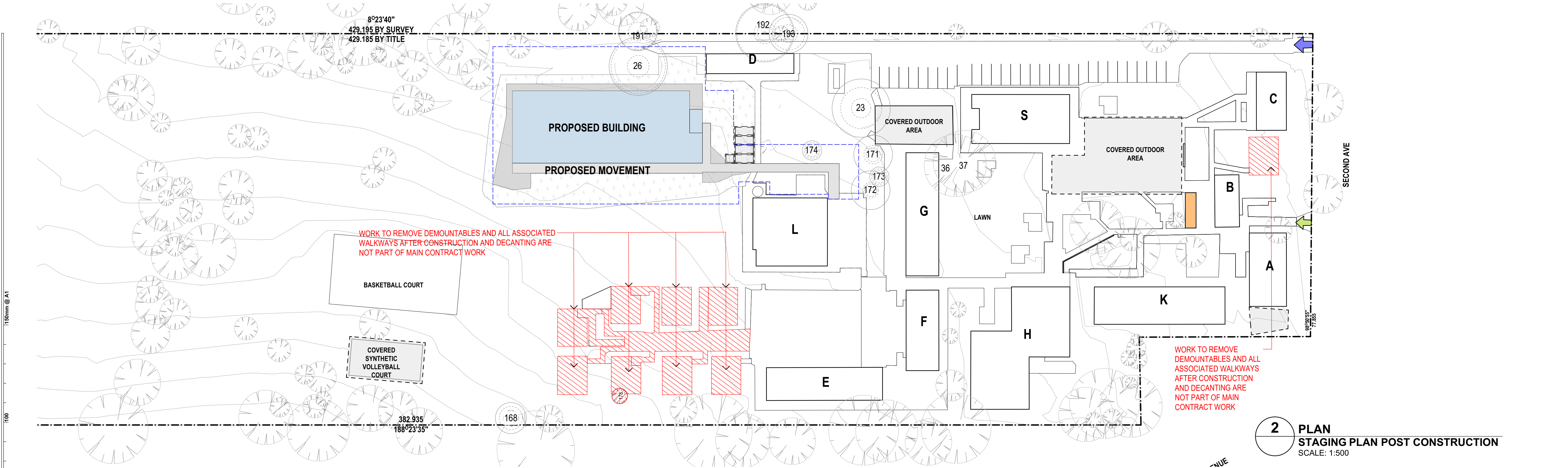
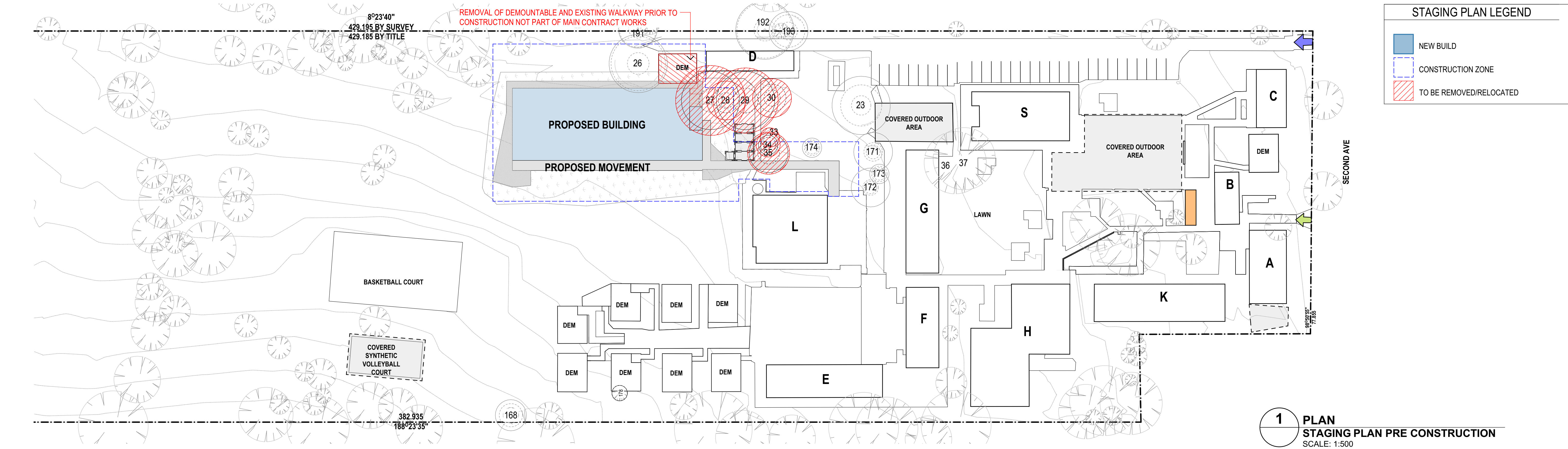
PROJECT NUMBER
7068KW01

DIRECTOR
JW

CHECKED
NK

DRAWING NUMBER
KIPS-FTA-00-00-DR-A-1401

REVISION
08



10	REVISED SD - TREE REMOVAL	15/04/2025	AK
09	TENDER ADDENDUM	27/02/2025	NK
08	TENDER ADDENDUM	21/02/2025	NK
07	TENDER ADDENDUM	20/02/2025	NK
06	100% SCHEMATIC DESIGN	14/01/2025	NK
05	100% SCHEMATIC DESIGN	10/01/2025	NK
04	95% SCHEMATIC DESIGN	19/12/2024	LS
03	REVISED 80% SCHEMATIC DESIGN	10/12/2024	NK
02	80% SCHEMATIC DESIGN	06/12/2024	AK
01	50% SCHEMATIC DESIGN	15/11/2024	LS
P3	100% CONCEPT DESIGN	04/11/2024	NK
P2	80% CONCEPT DESIGN	18/10/2024	NK
REV.	DESCRIPTION	DATE	INIT.

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.
DIRECTORS
Greg Isaac nra QLD 2920
Justine Ewary nra QLD 3013
John Ward nra QLD 3847
Katerina Diacopoulos nra QLD 4528
Paul Schone nra QLD 1108
Ryan Loveday nra QLD 4500
NSW 6855 QLD 2920
NSW 8371 QLD 3847
NSW 7434 QLD 4528
VIC 18804 NSW 7180 QLD 4500

DRAWING CLIENT / PHASE PROJECT

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

ADDRESS 46-54 SECOND AVENUE,
KINGSWOOD, NSW

KINGSWOOD PUBLIC SCHOOL

DRAWING

STAGING PLAN

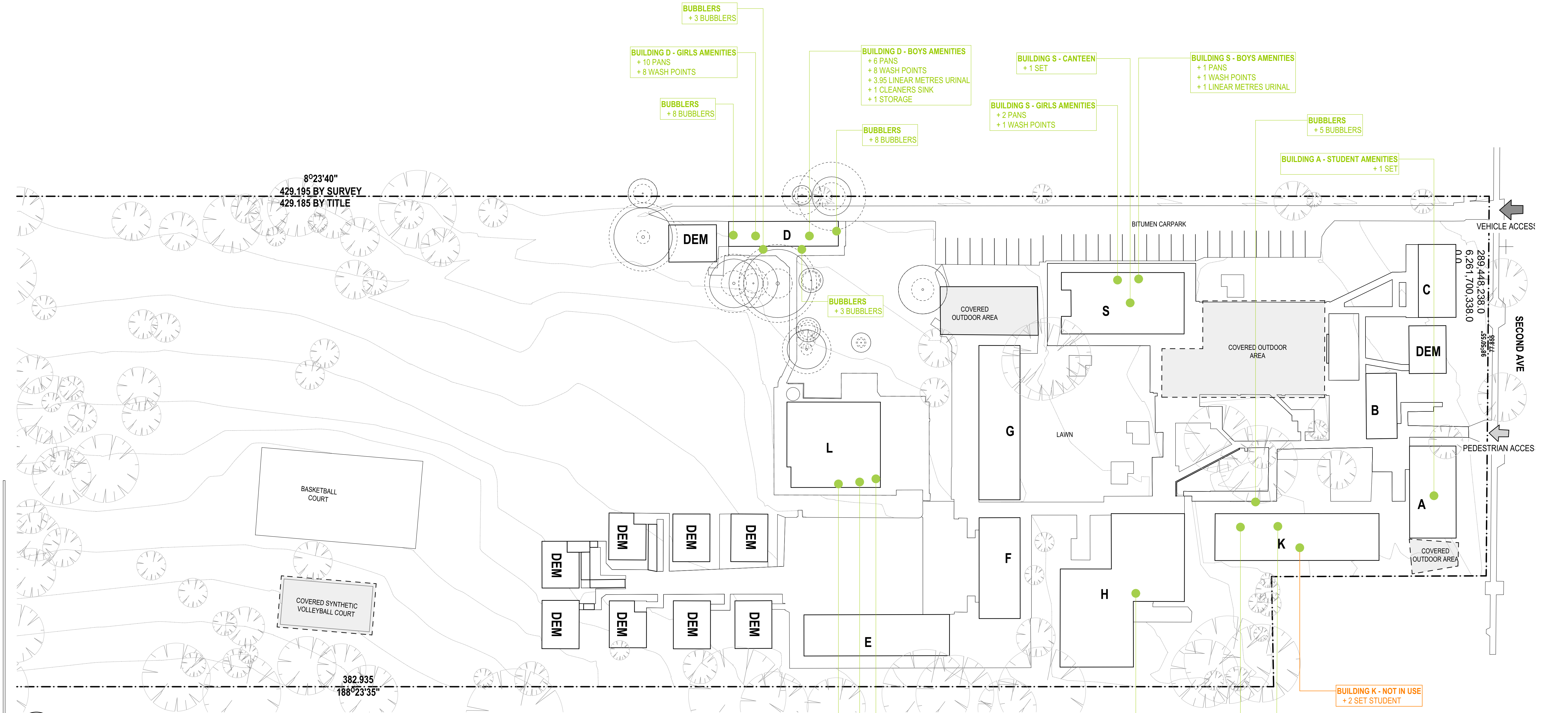
Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	NK
DRAWING NUMBER		REVISION
KIPS-FTA-00-00-DR-A-1501		10

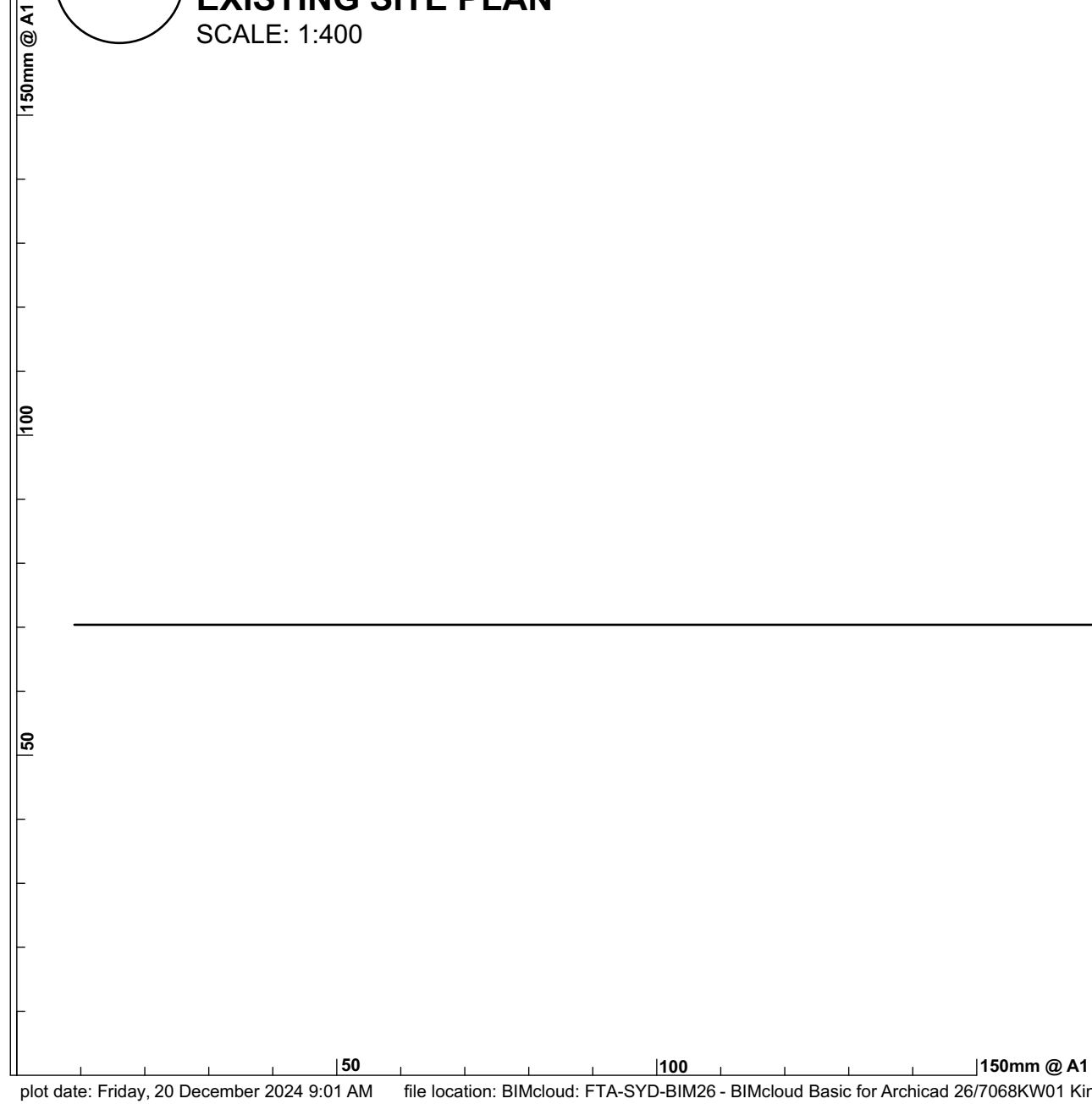


PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	
DRAWING NUMBER	REVISION	
KIPS-FTA-00-00-DR-A-1601	01	

01	95% SCHEMATIC DESIGN	19/12/2024	LS	
REV.	DESCRIPTION	DATE	INIT.	



1 PLAN
EXISTING SITE PLAN
SCALE: 1:400



plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School

REV.	DESCRIPTION	DATE	INIT.
01	95% SCHEMATIC DESIGN	19/12/2024	LS

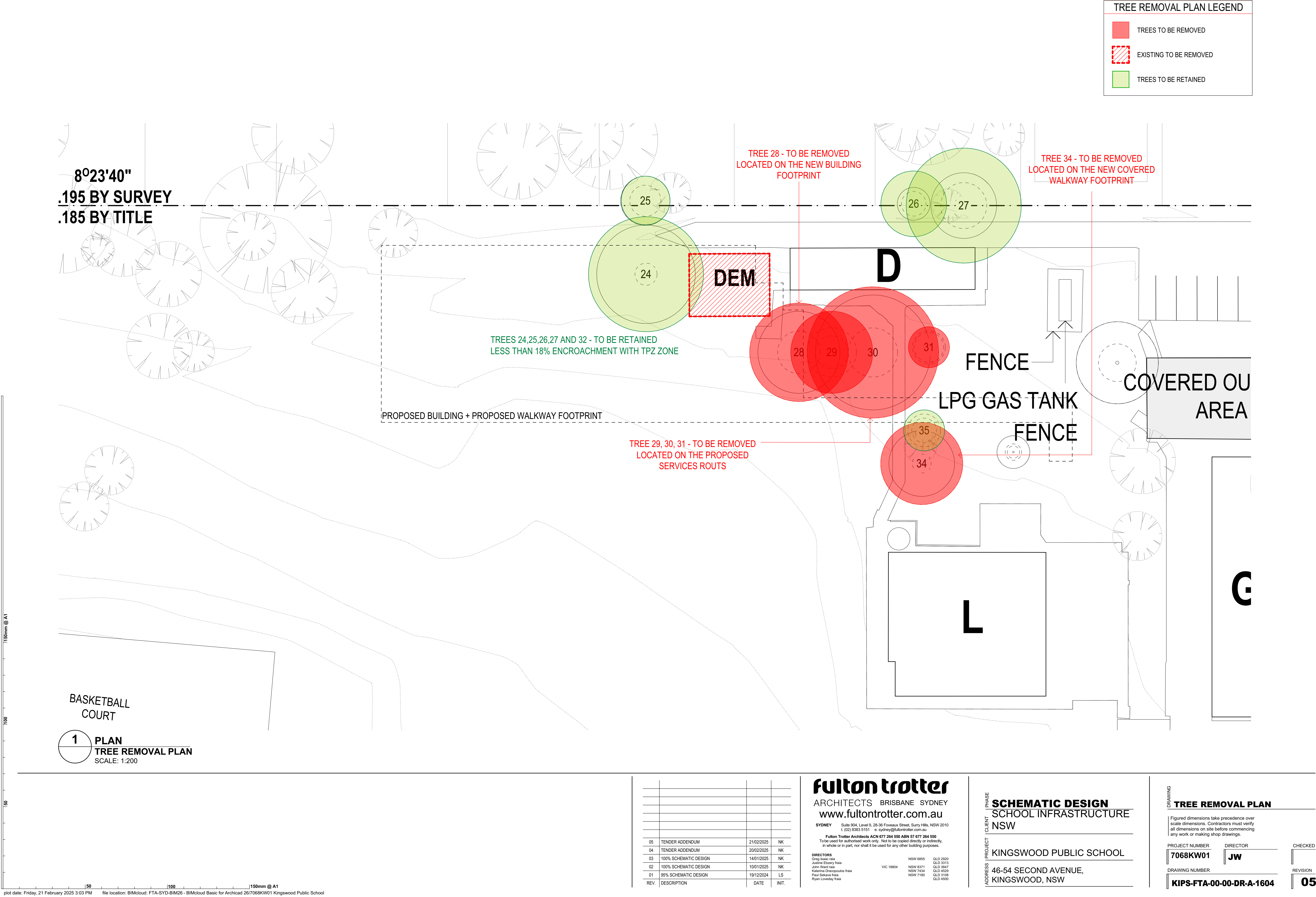
fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.
DIRECTORS
Greg Isaac nra QLD 2500
Justine Euseby nra QLD 3313
John Ward nra QLD 3847
Katerina Diacopoulos nra QLD 4528
Paul Spikova nra QLD 1108
Ryan Loveday nra QLD 4500

PROJECT / CLIENT / PHASE
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
ADDRESS
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

EXISTING AMENITIES
STRATEGY

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	
DRAWING NUMBER	REVISION	
KIPS-FTA-00-00-DR-A-1602		

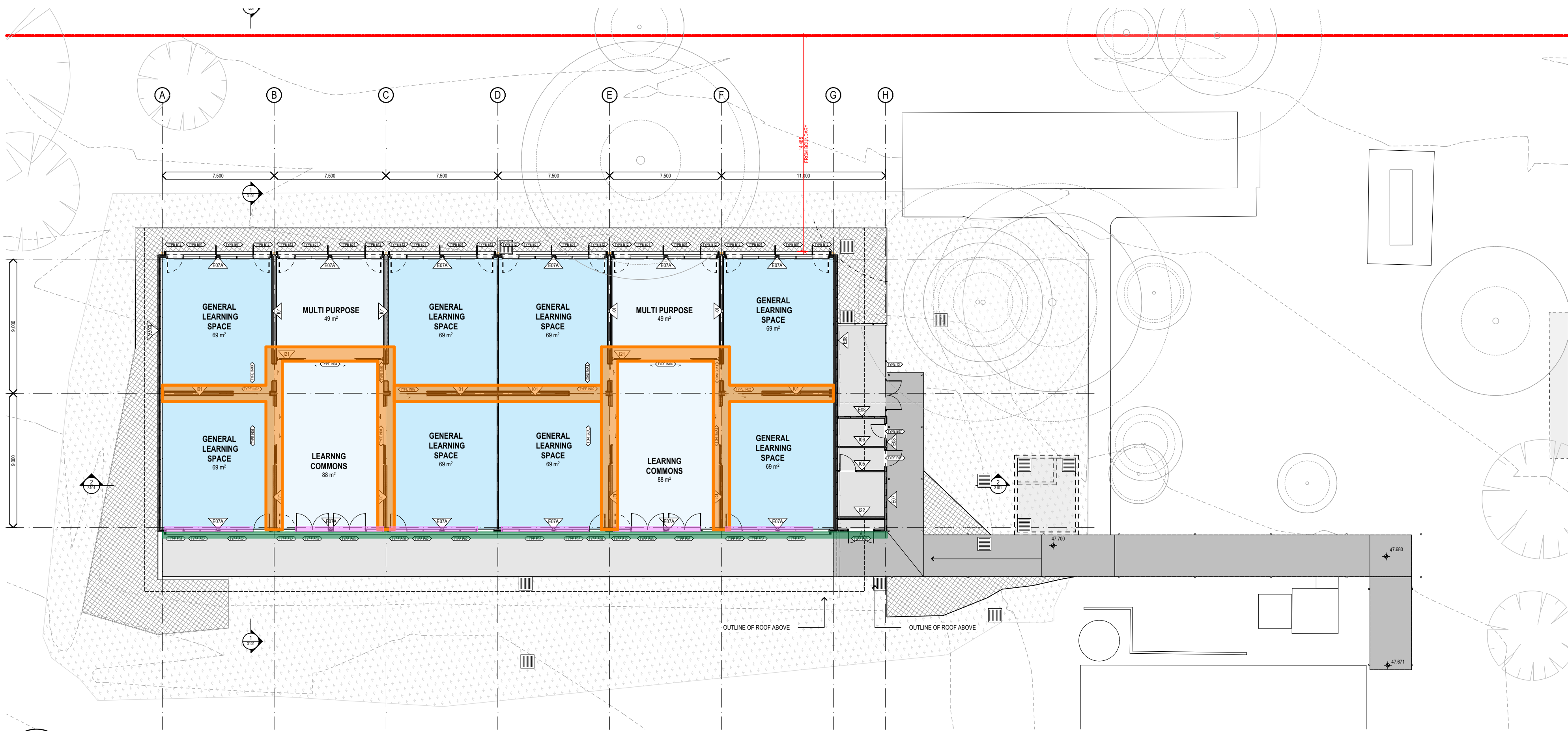


REV.	DESCRIPTION	DATE	INIT.
05	TENDER ADDENDUM	21/02/2025	NK
04	TENDER ADDENDUM	20/02/2025	NK
03	100% SCHEMATIC DESIGN	14/01/2025	NK
02	100% SCHEMATIC DESIGN	10/01/2025	NK
01	95% SCHEMATIC DESIGN	19/12/2024	LS

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.
DIRECTORS
Greg Isaac nra QLD 2920
Justine Elzany nra QLD 3313
John Ward nra QLD 3847
Katerina Dracopoulos nra QLD 4528
Paul Skovron nra QLD 3108
Ryan Lovetday nra QLD 4500

DRAWING PROJECT CLIENT PHASE
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

DRAWING
TREE REMOVAL PLAN
Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.
PROJECT NUMBER DIRECTOR CHECKED
7068KW01 **JW**
DRAWING NUMBER REVISION
KIPS-FTA-00-00-DR-A-1604 **05**



1 PLAN
INDIGENOUS ARTWORK STRATEGY
SCALE: 1:200

**PROPOSED LOCATION FOR
INDIGENOUS ARTWORK STRATEGY:**

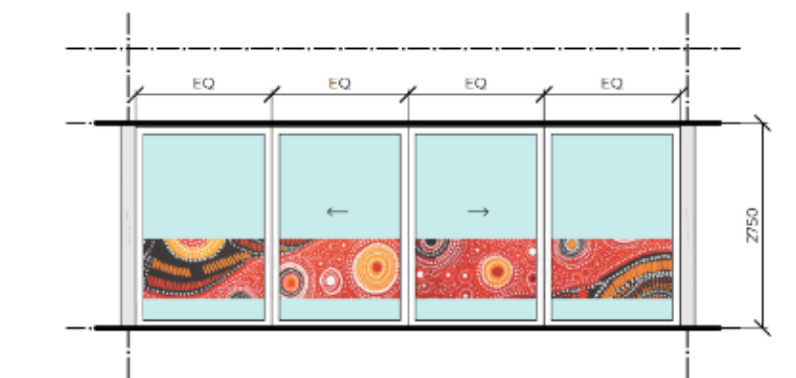
PROPOSED - EXTERNAL LOCATIONS

DECALS ON EXTERNAL GLAZINGS

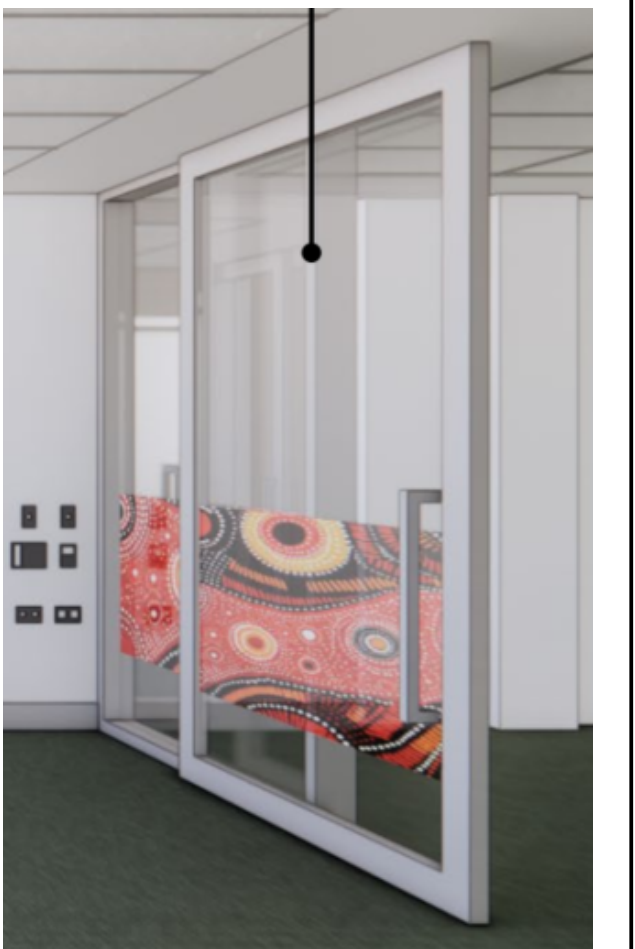
PROPOSED - INTERNAL LOCATIONS

DECALS ON ALL THE GLAZING SLIDERS -
AS PER PATTERN BOOK

Elevation - Door closed



Elevation - Door opened



fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
T: (02) 8383 5151 e: sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra QLD 2520
Justine Elzany nra QLD 3313
John Ward nra QLD 3847
Katerina Diacopoulos nra QLD 4528
Paul Skovron nra QLD 1108
Ryan Lovetday nra QLD 4500

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

**INDIGENOUS ARTWORK
STRATEGY**

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER DIRECTOR CHECKED
7068KW01 **JW**

DRAWING NUMBER REVISION
KIPS-FTA-00-00-DR-A-1610

02

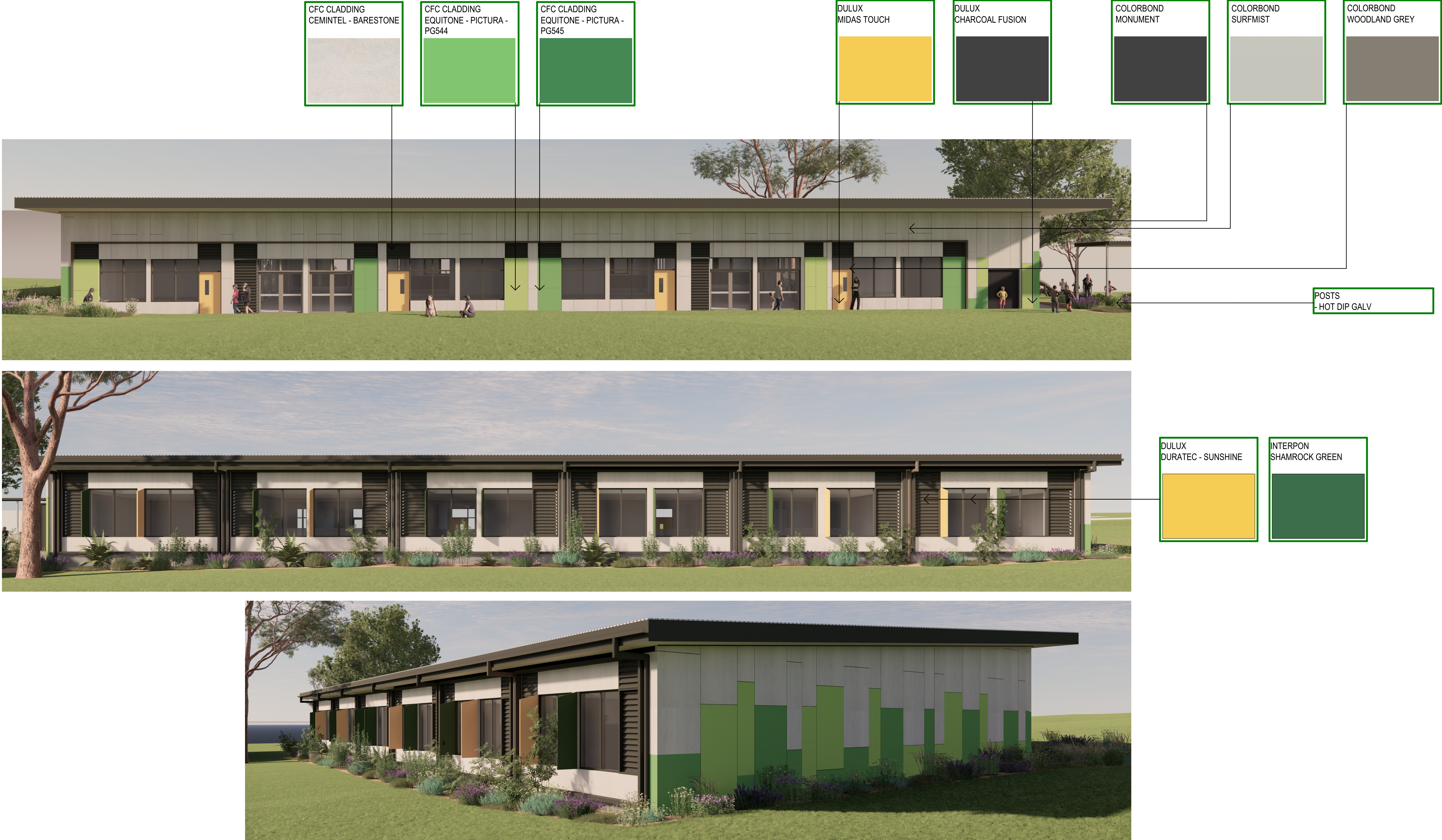
150mm @ A1

100

50

150mm @ A1

plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School



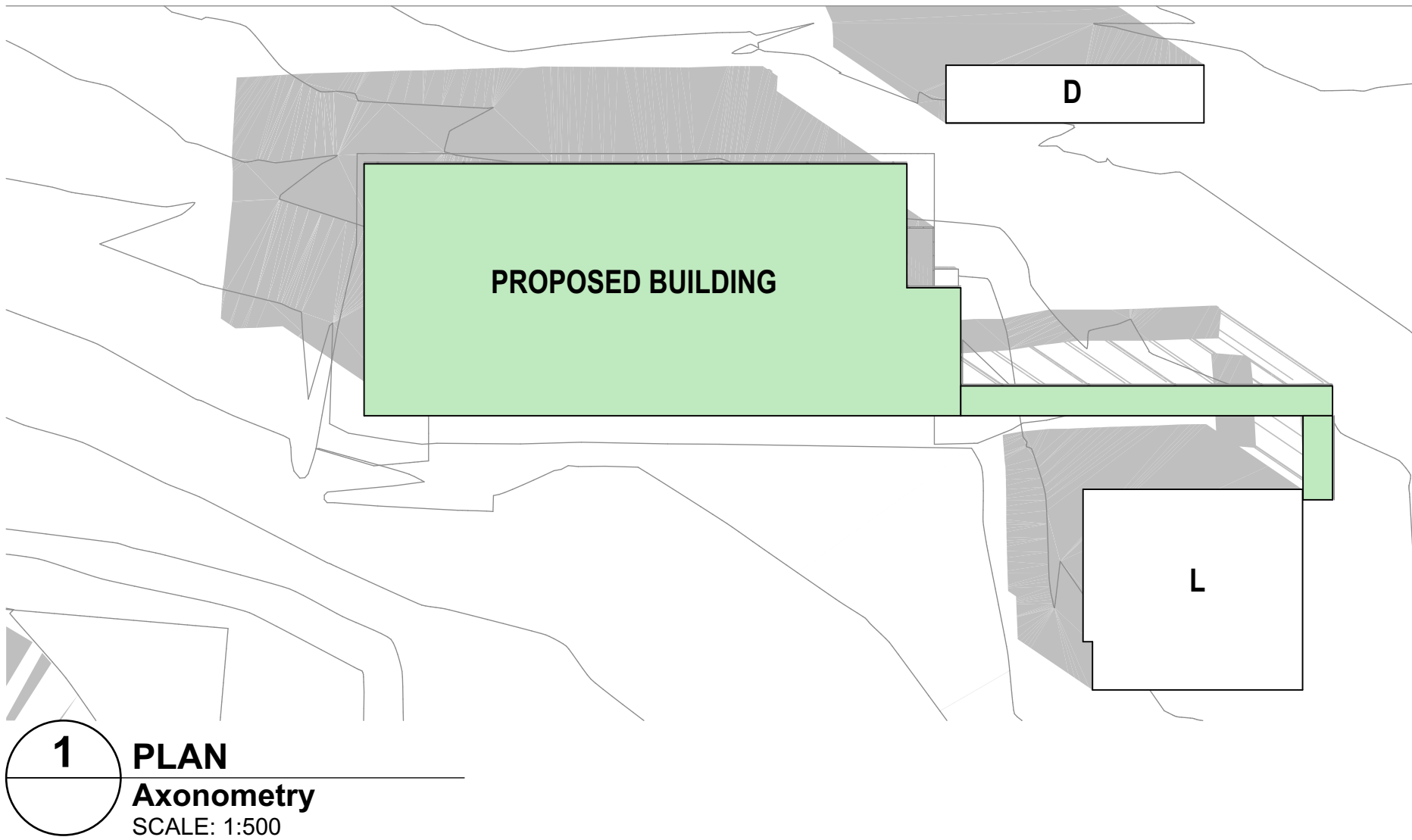
03	95% SCHEMATIC DESIGN	19/12/2024	LS
02	REVISED 80% SCHEMATIC DESIGN	10/12/2024	NK
01	80% SCHEMATIC DESIGN	06/12/2024	AK
REV.	DESCRIPTION	DATE	INIT.

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.
DIRECTORS
Greg Isaac nra QLD 2500
Justin Elworthy nra QLD 3313
John Ward nra QLD 3847
Katerina Diacopoulos nra QLD 4528
Paul Skelton nra QLD 1108
Ryan Lovelady nra QLD 4500

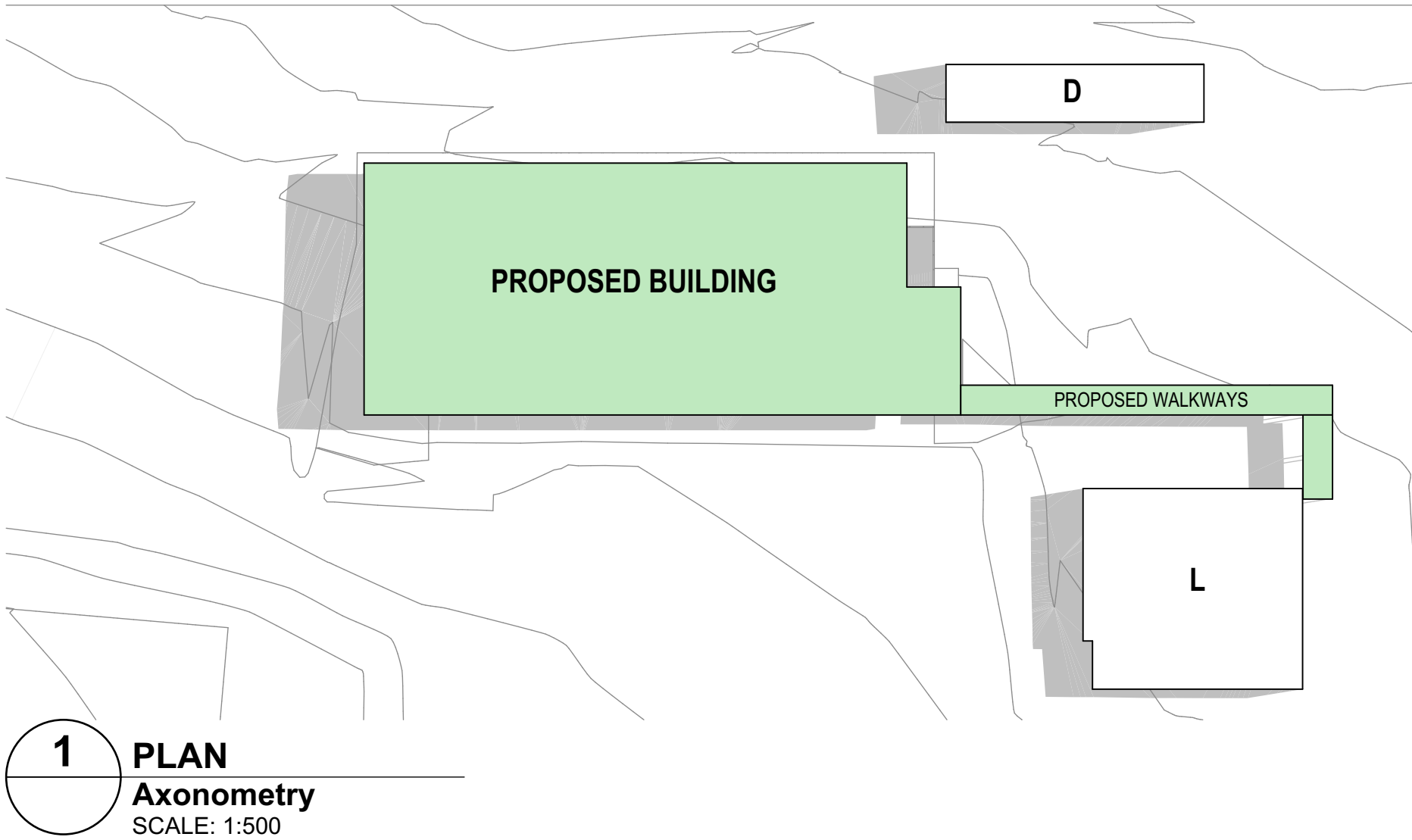
NSW 6855
NSW 8371
NSW 7434
VIC 18804
NSW 7180
QLD 4500

DRAWING PROJECT CLIENT PHASE
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

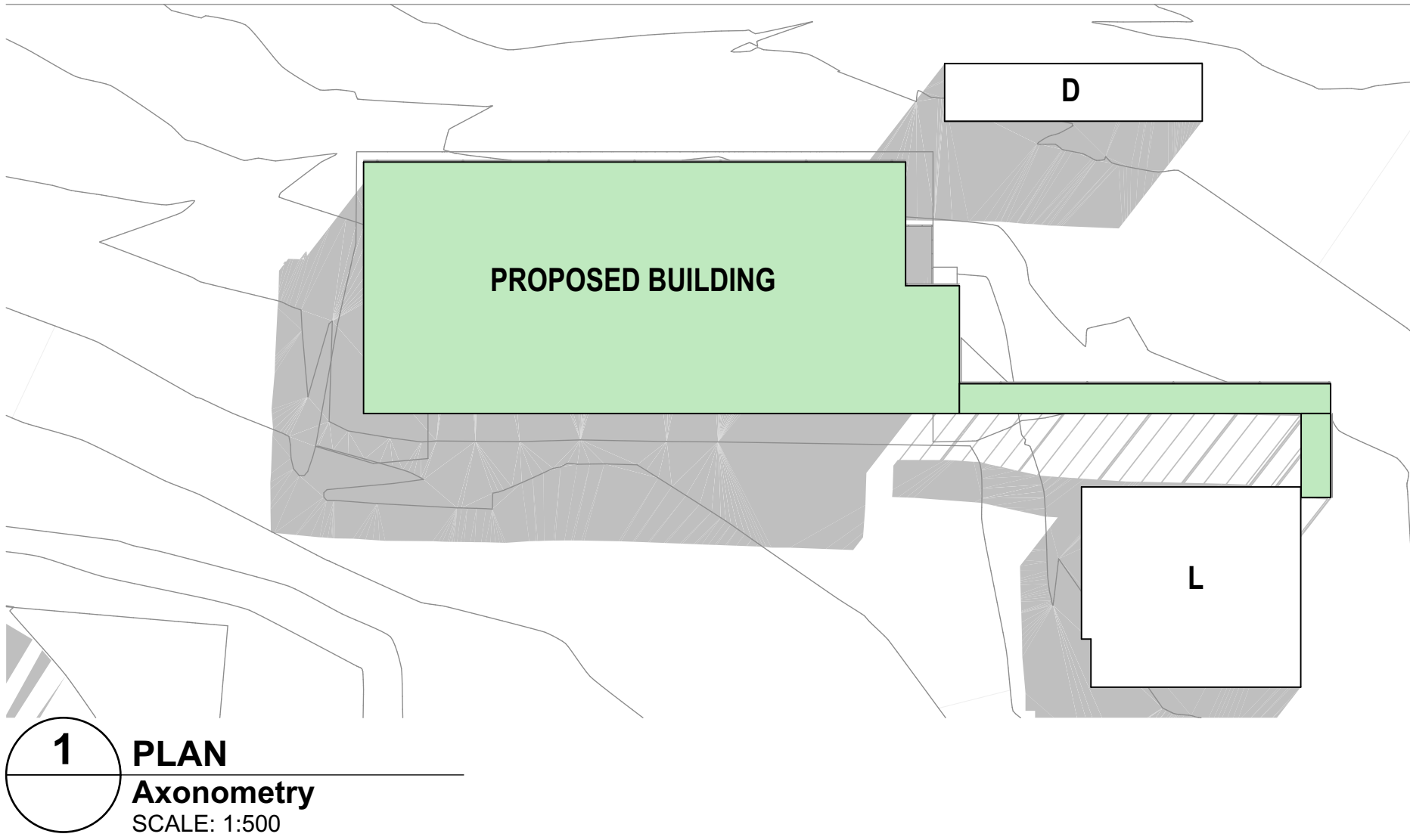
DRAWING
EXTERNAL MATERIAL AND FINISHES
Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.
PROJECT NUMBER
7068KW01
DRAWING NUMBER
KIPS-FTA-00-00-DR-A-1630
DIRECTOR
JW
REVISION
03



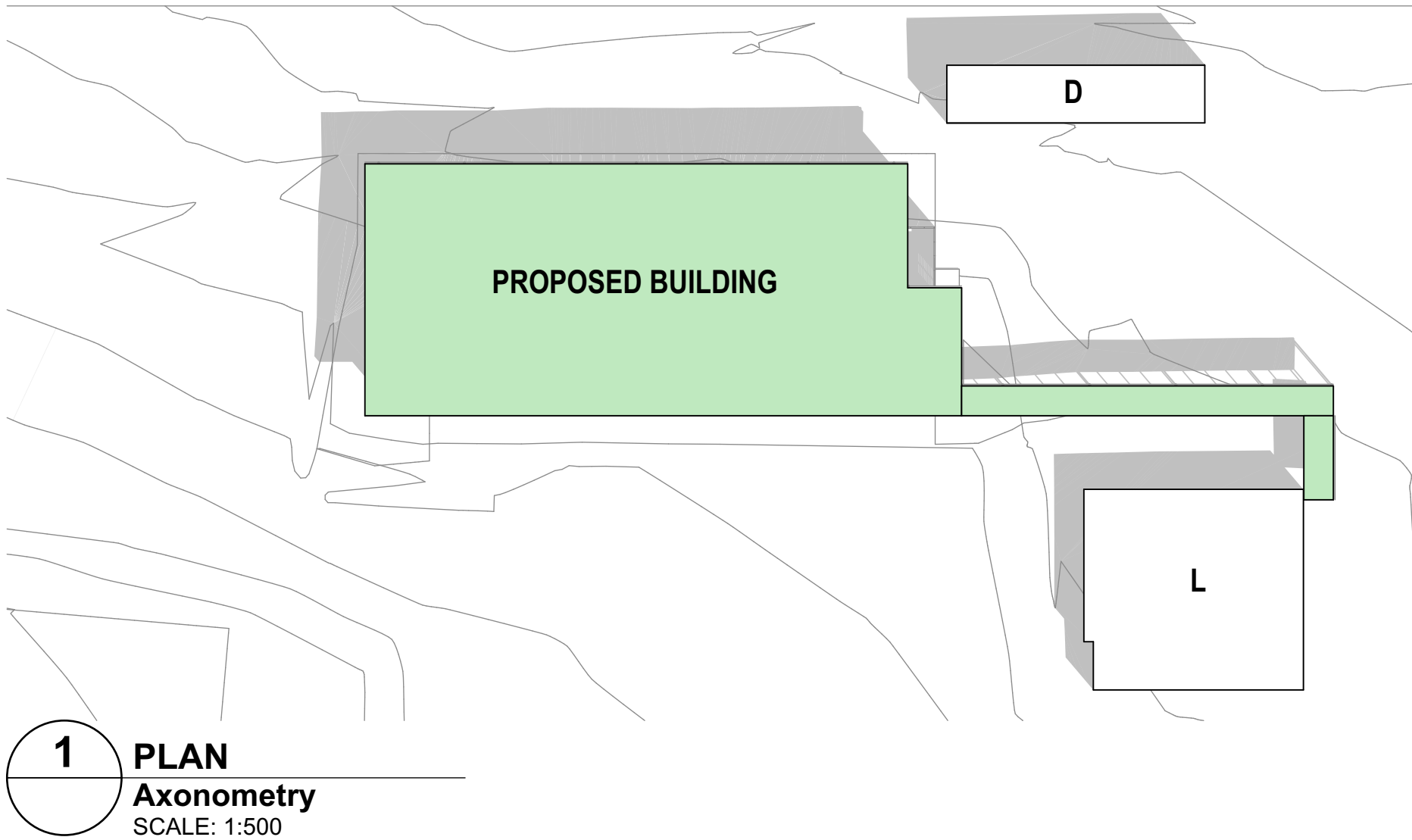
1 PLAN
Axonometry
SCALE: 1:500



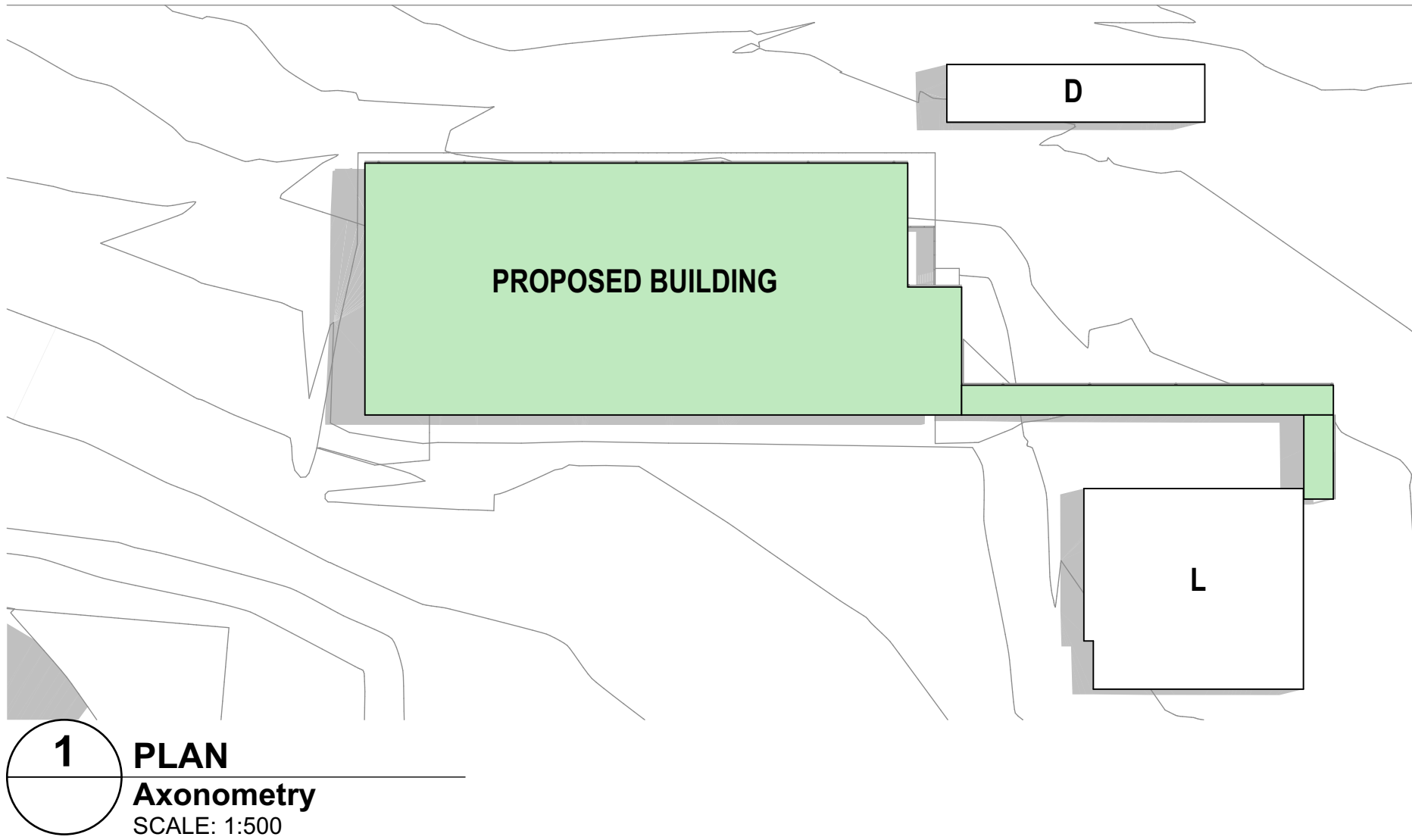
1 PLAN
Axonometry
SCALE: 1:500



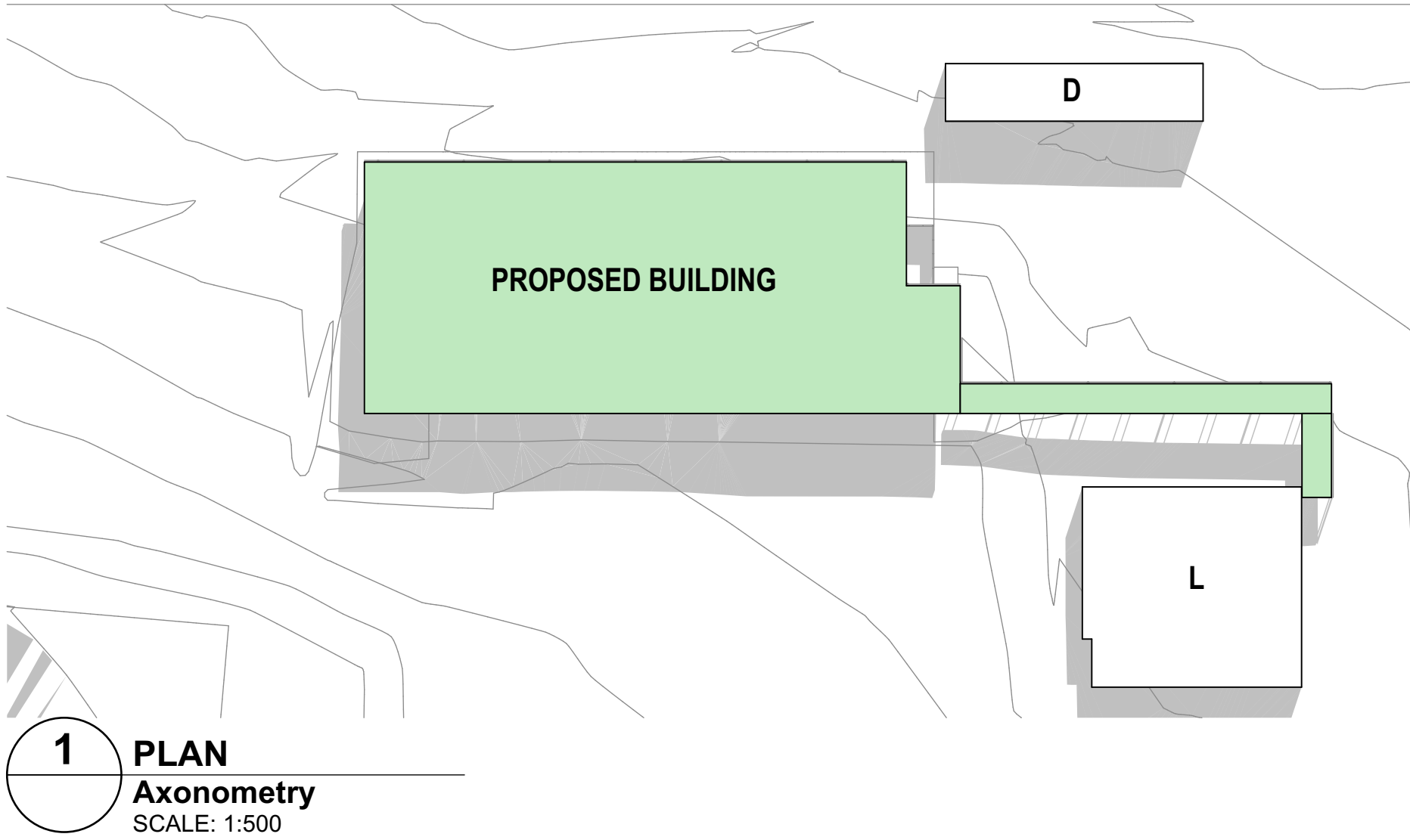
1 PLAN
Axonometry
SCALE: 1:500



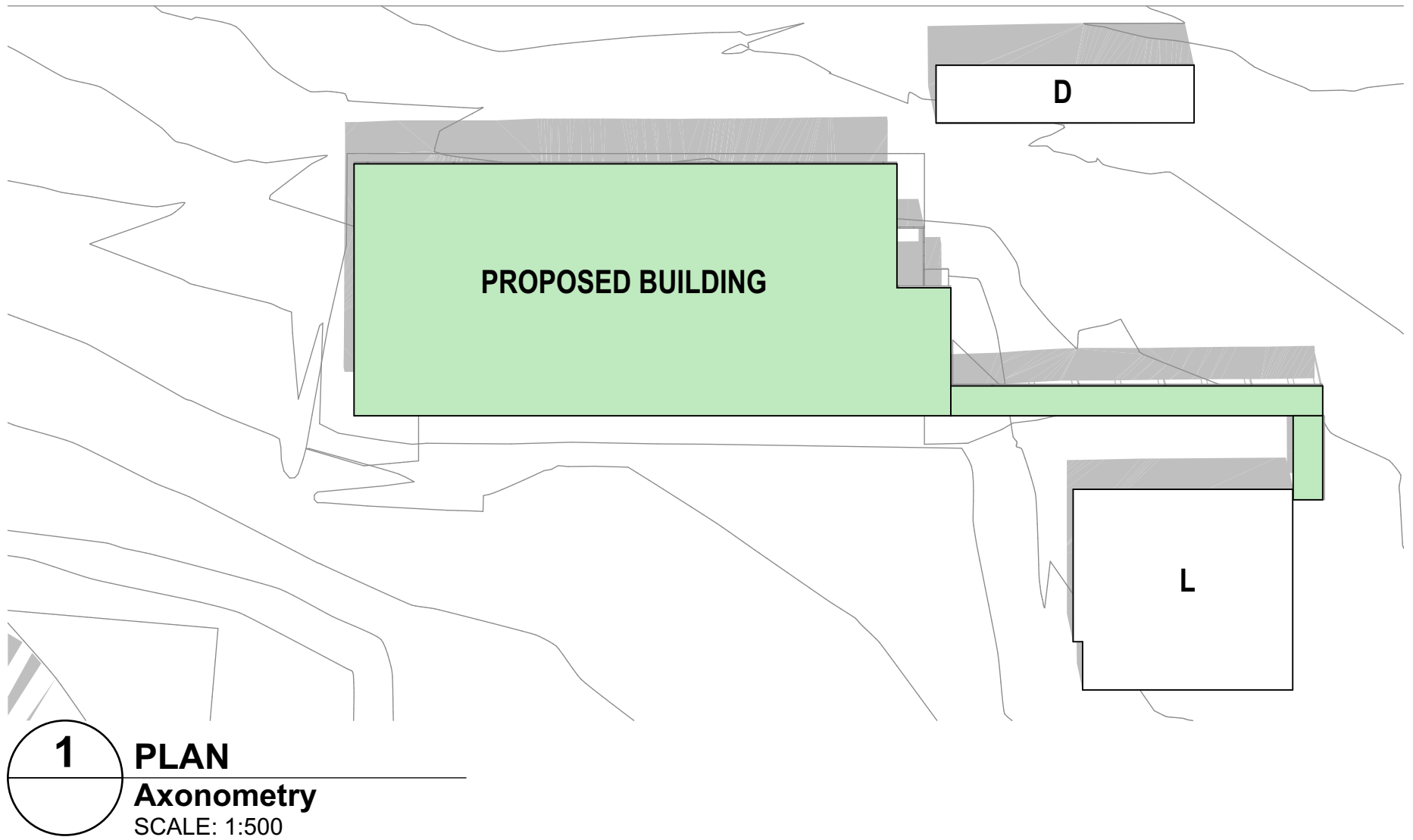
1 PLAN
Axonometry
SCALE: 1:500



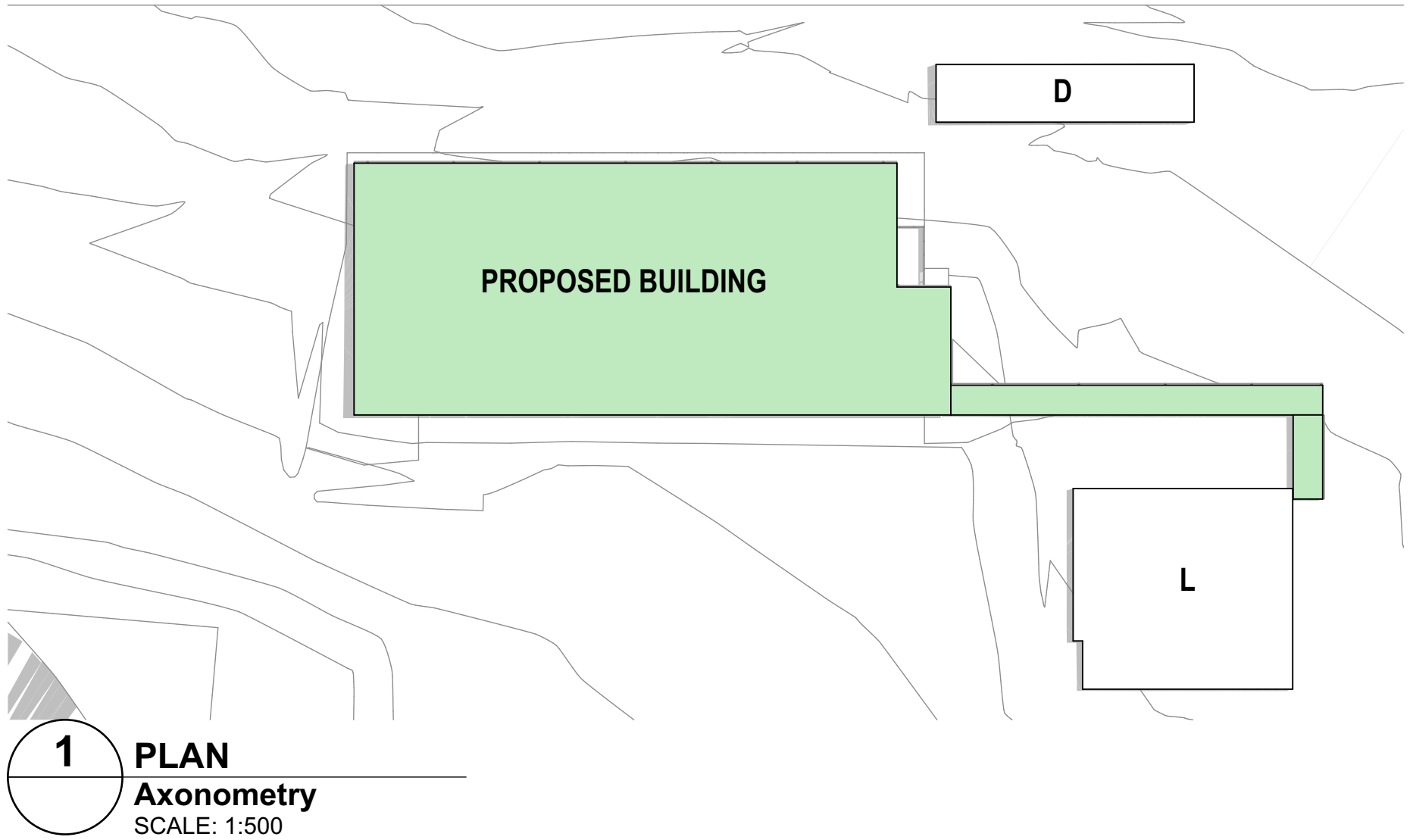
1 PLAN
Axonometry
SCALE: 1:500



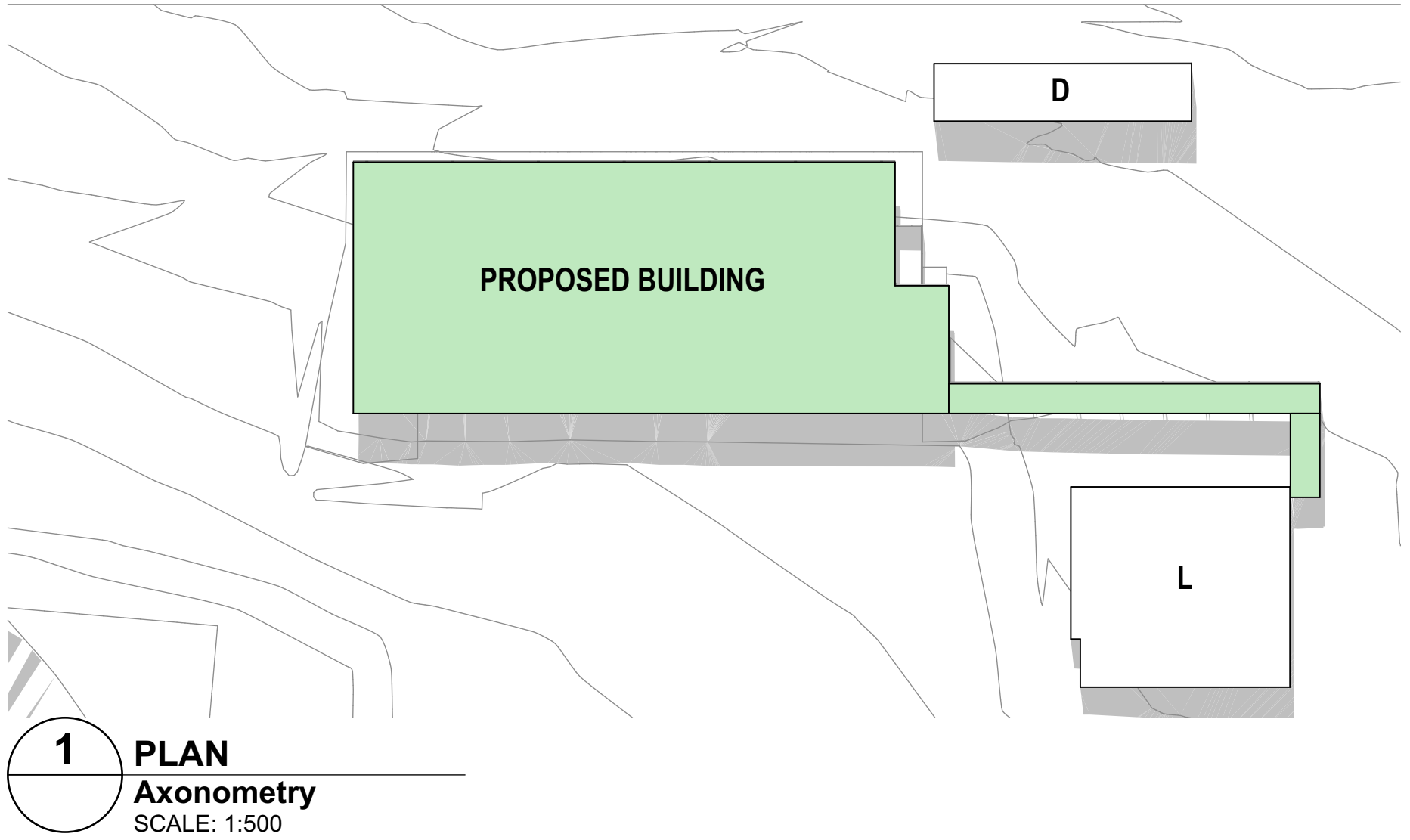
1 PLAN
Axonometry
SCALE: 1:500



1 PLAN
Axonometry
SCALE: 1:500



1 PLAN
Axonometry
SCALE: 1:500



1 PLAN
Axonometry
SCALE: 1:500

fulton trotter

ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS			
Greg Isaac nra	NSW 6855	QLD 2500	
Justine Elworthy nra		QLD 3313	
John Ward nra	NSW 8371	QLD 3847	
Katerina Diacopoulos nra	NSW 7434	QLD 4528	
Paul Skovron nra	VIC 18804	QLD 1108	
Ryan Loveday nra		QLD 4500	

SCHEMATIC DESIGN SCHOOL INFRASTRUCTURE NSW

KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

SHADOW DIAGRAM

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	

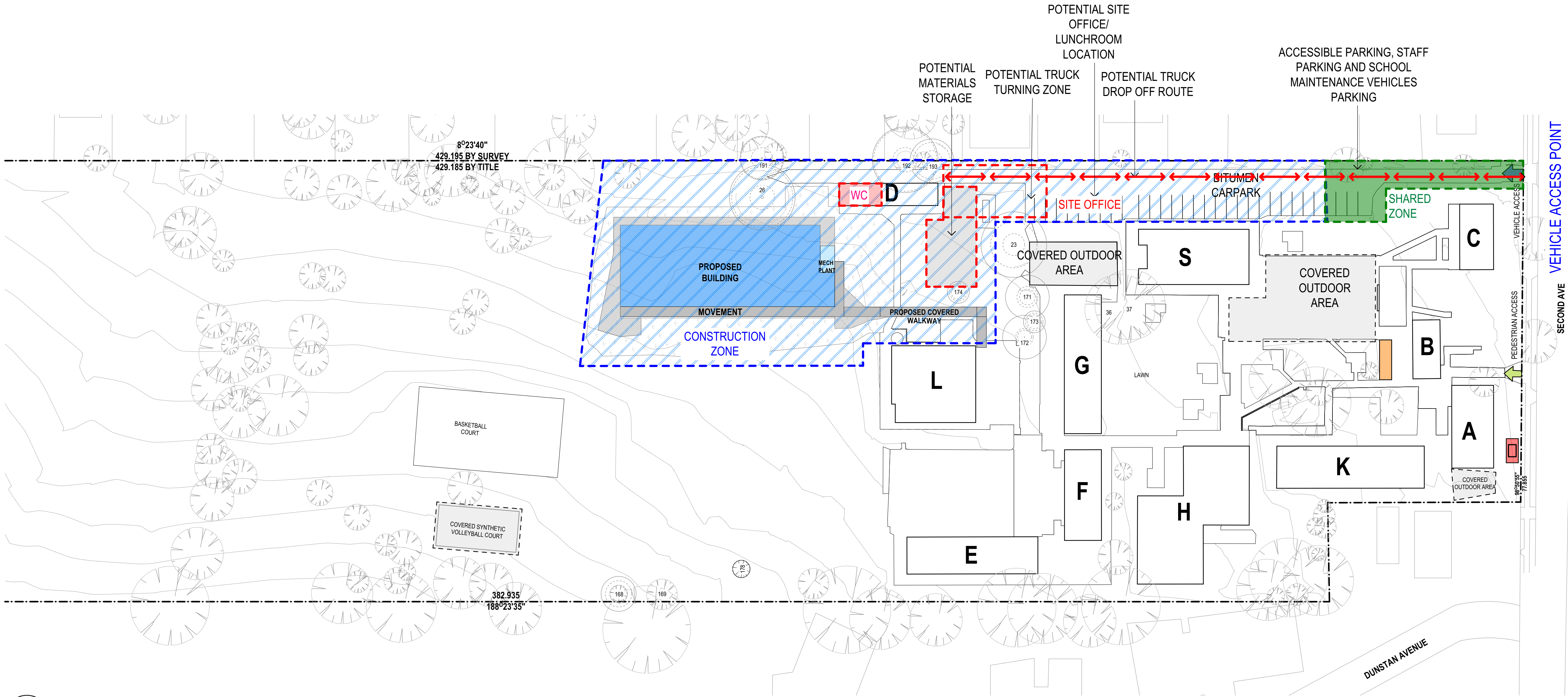
DRAWING NUMBER	REVISION
KIPS-FTA-00-00-DR-A-1640	

150mm @ A1
100
50

1 PLAN
CONSTRUCTION MANAGEMENT PLAN
SCALE: 1:500

CONSTRUCTION MANAGMENT PLAN LEGEND

- TRUCK TURNING ZONE/MATERIAL STORAGE
- MATERIAL STORAGE
- SCHOOL PARKING
- CONSTRUCTION ZONE
- ACCESS PATH
- WORKERS AMENITIES



REV.	DESCRIPTION	DATE	INIT.
07	REVISED SD - TREE REMOVAL	15/04/2025	AK
06	TENDER ADDENDUM	11/03/2025	NK
05	TENDER ADDENDUM	09/03/2025	NK
04	100% SCHEMATIC DESIGN - REVISED	31/01/2025	NK
03	100% SCHEMATIC DESIGN	14/01/2025	NK
02	100% SCHEMATIC DESIGN	10/01/2025	NK
01	95% SCHEMATIC DESIGN	19/12/2024	LS

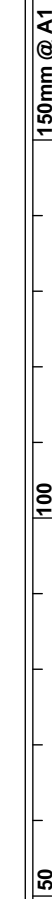
fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.
DIRECTORS
Greg Isaac nra NSW 6855 QLD 2920
Justine Ebbury nra QLD 3313
John Ward nra NSW 8371 QLD 3847
Katerina Diacopoulos nra NSW 7434 QLD 4528
Paul Skovron nra VIC 18804 NSW 7180 QLD 1108
Ryan Loveday nra QLD 4500

DRAWING CLIENT PHASE
PROJECT SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

CONSTRUCTION
MANAGEMENT STRATEGY

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	
DRAWING NUMBER	REVISION	
KIPS-FTA-00-00-DR-A-1650	07	



plot date: Friday, 21 February 2025 3:03 PM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School

Fulton Trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrtrotter.com.au

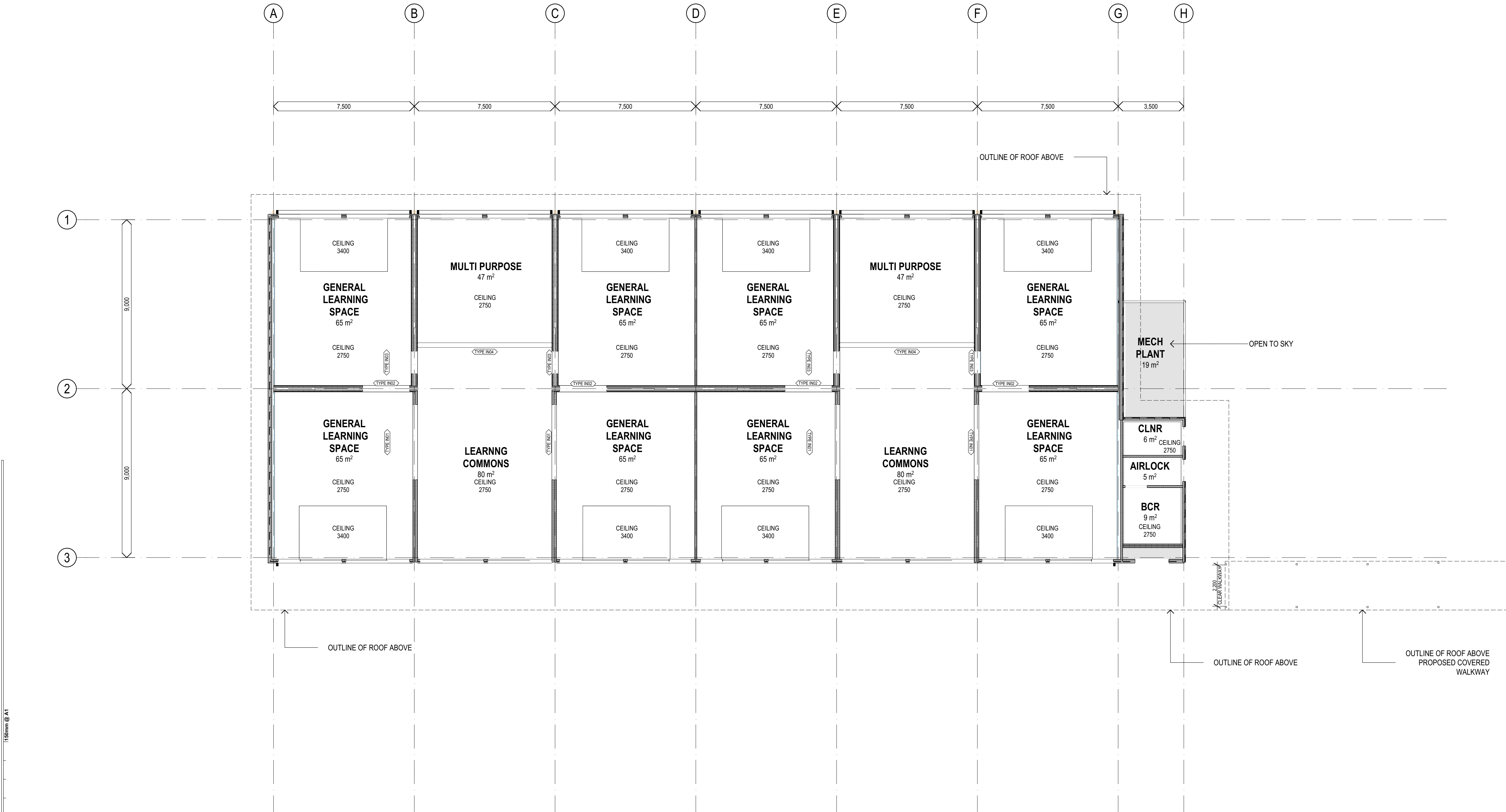
SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8383 5111 e. sydney@fultontrtrotter.com.au

Fulton Trotter Architects AFB 274 550 ADB 57 274 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS

Gordon Isaac	NSW 6655	02 9260
Justine Emery		02 9311
John Ward		02 9487
Katherine Drogoskopolis	VIC 1804	03 9570
Paul Sekera	NSW 8371	02 3188
Dawn Lovelace	NSW 7454	02 4529
	NSW 7180	02 3107

ADDRESS | PROJECT | CLIENT | PHASE



REV.	DESCRIPTION	DATE	INIT.
04	95% SCHEMATIC DESIGN	19/12/2024	LS
03	REVISED 80% SCHEMATIC DESIGN	10/12/2024	NK
02	80% SCHEMATIC DESIGN	06/12/2024	AK
01		15/11/2024	

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra QLD 2500
Justine Elzany fra QLD 3313
John Ward nra NSW 8371
Katerina Diacopoulos fra NSW 7434
Paul Skelton fra NSW 7180
Ryan Lovetday fra NSW 4500

PROJECT PHASE
CLIENT
PROJECT
ADDRESS

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

DRAWING
PROJECT PHASE
CLIENT
PROJECT
ADDRESS

REFLECTED CEILING PLAN

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

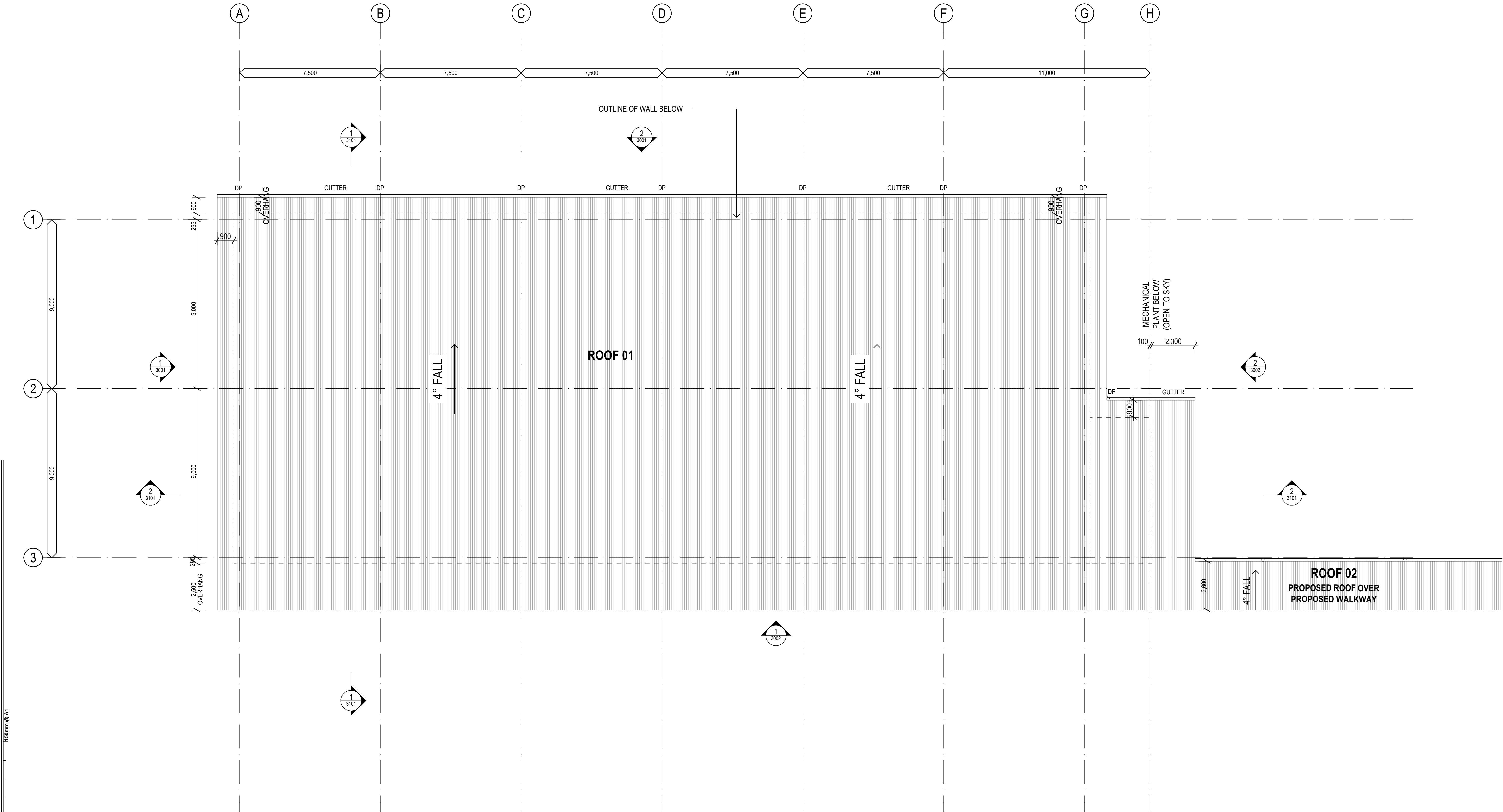
PROJECT NUMBER
7068KW01

DIRECTOR
JW

DRAWING NUMBER
KIPS-FTA-B00M-GF-DR-A-2201

CHECKED
REVISION

04



1 PLAN
ROOF PLAN
SCALE: 1:100

ROOF PLAN LEGEND	
ROOF LABEL	
ROOF 1<- ROOF NUMBER	
XX00 : XX00<- FINISH CODE (REFER TO FINISHES LEGEND)	
↑ MATERIAL CODE (REFER TO MATERIAL LEGEND)	
FALL 5°	
FALL IN ROOF	

REV.	DESCRIPTION	DATE	INIT.
05	95% SCHEMATIC DESIGN	19/12/2024	LS
04	FOR COORDINATION	16/12/2024	NK
03	REVISED 80% SCHEMATIC DESIGN	10/12/2024	NK
02	80% SCHEMATIC DESIGN	09/12/2024	AK
01	50% SCHEMATIC DESIGN	15/11/2024	LS
P5	100% CONCEPT DESIGN	04/11/2024	NK
P4	80% CONCEPT DESIGN	18/10/2024	NK
P3	MASTERPLAN VALIDATION	09/10/2024	NK
P2	FOR INFORMATION	27/09/2024	LS
P1	FOR INFORMATION	20/09/2024	LS

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.
DIRECTORS
Greg Isaac nra QLD 2500
Justine Elzany nra QLD 3313
John Ward nra NSW 8371
Katerina Diacopoulos nra NSW 7434
Paul Skovra nra NSW 7180
Ryan Loveday nra QLD 4500

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

ROOF PLAN

Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	NK
DRAWING NUMBER	REVISION	
KIPS-FTA-B00M-LR-DR-A-2102		



fulton trottter
ARCHITECTS BRISBANE SYDNEY
www.fultontrottle.com.au

SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8383 5151 e. sydney@fultontrottle.com.au

Fulton Trottter Architects ABN 67 264 550 ABN 57 267 264 550
To be used for authorised work only. Not to be copied directly or indirectly
in whole or in part, nor shall it be used for any other purposing purposes.

DIRECTORS

Greg Isaac <i>nrta</i>	
Judith Ebbert <i>nrta</i>	
Katerina Dracopoulos <i>nrta</i>	NSW 6855 DLD 2250
Paul Ward <i>nrta</i>	DLD 3313
John Seakera <i>nrta</i>	DLD 3847
Robert Loxton <i>nrta</i>	NSW 7434 DLD 4520
John Seakera <i>nrta</i>	NSW 7180 DLD 3108
John Seakera <i>nrta</i>	DLD 3108

VIC 18044

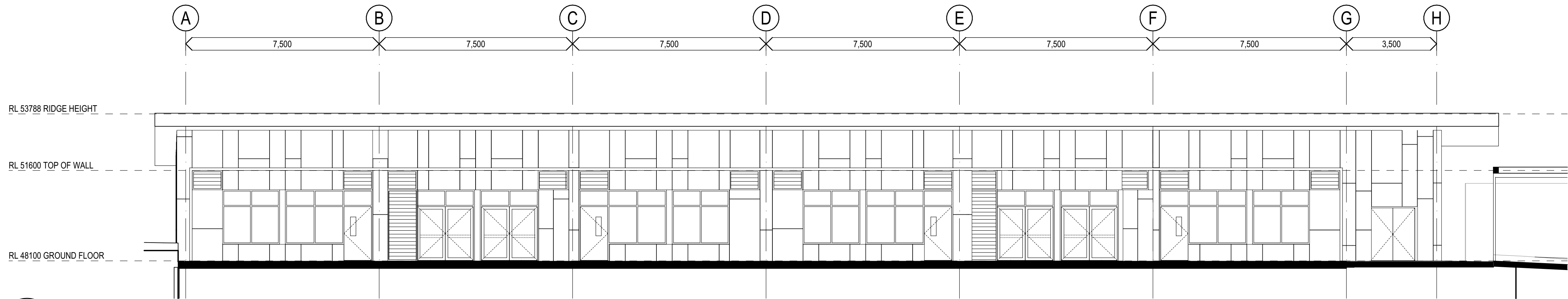
PHASE
PROJECT
CLIENT

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

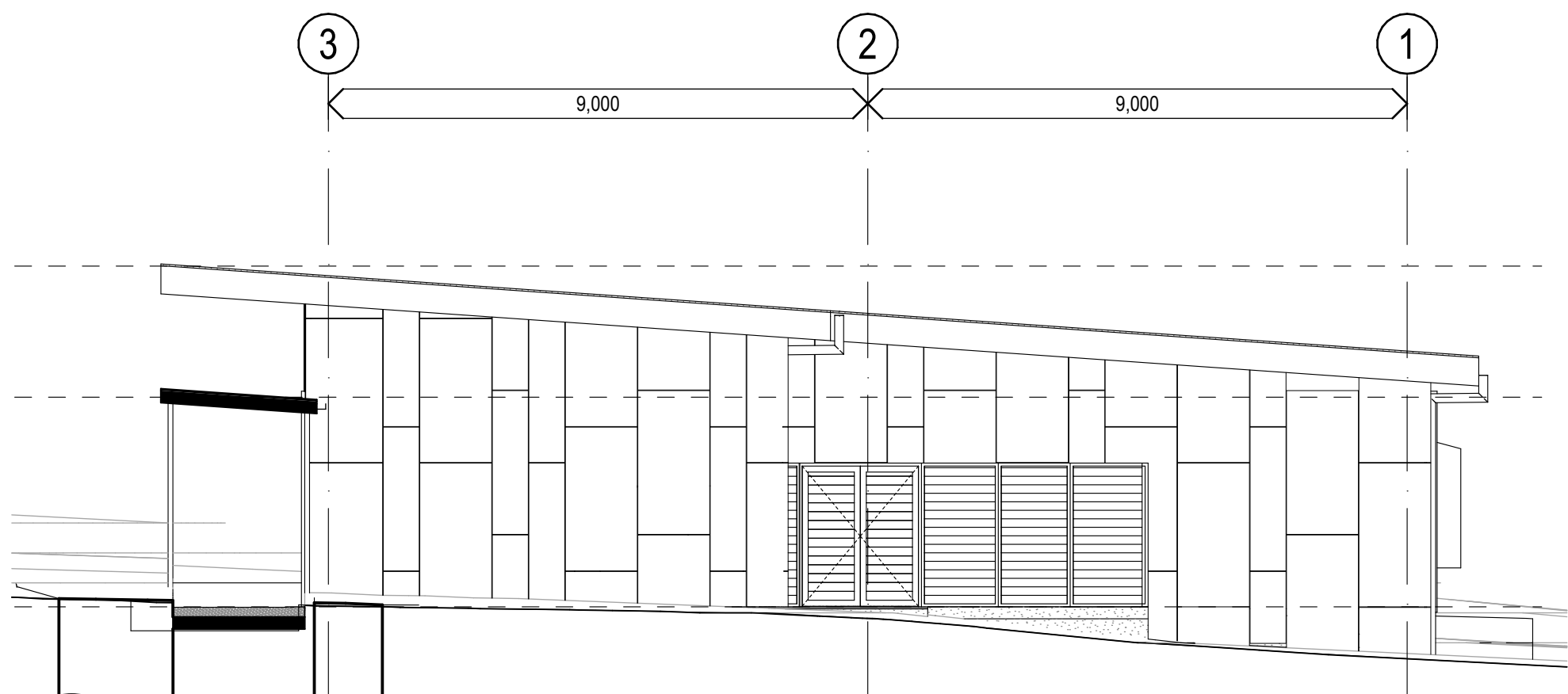
PROJECT
ADDRESS

KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

DRAWING	ELEVATIONS 01	
	Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.	
	PROJECT NUMBER 7068KW01	DIRECTOR JW
		CHECKED NK
	DRAWING NUMBER	REVISION
	KIPS-FTA-B00M-ZZ-DR-A-3001	
		03



1 ELEVATION
EAST ELEVATION
SCALE: 1:100



2 ELEVATION
NORTH ELEVATION
SCALE: 1:100

150mm @ A1
100
50
150mm @ A1
100
50
plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School

REV.	DESCRIPTION	DATE	INIT.
02	95% SCHEMATIC DESIGN	19/12/2024	LS
01	80% CONCEPT DESIGN	06/12/2024	NK

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t: (02) 8383 5151 e: sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra QLD 2520
Justine Elzany fra QLD 3313
John Ward nra QLD 3847
Katerina Diacopoulos fra QLD 4528
Paul Spikova fra QLD 1108
Ryan Lovetday fra QLD 4500

NSW 6855
VIC 18804
NSW 8371
NSW 7434
NSW 7180
QLD 2520
QLD 3847
QLD 4528
QLD 1108
QLD 4500

PROJECT / CLIENT / PHASE
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

ADDRESS / PROJECT CLIENT / PHASE
KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

ELEVATIONS 02

Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

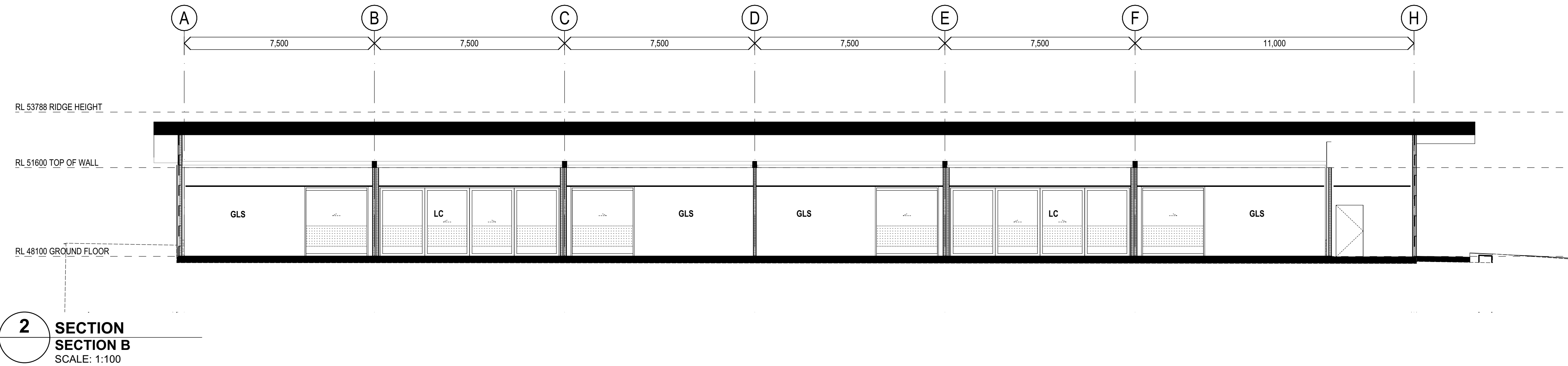
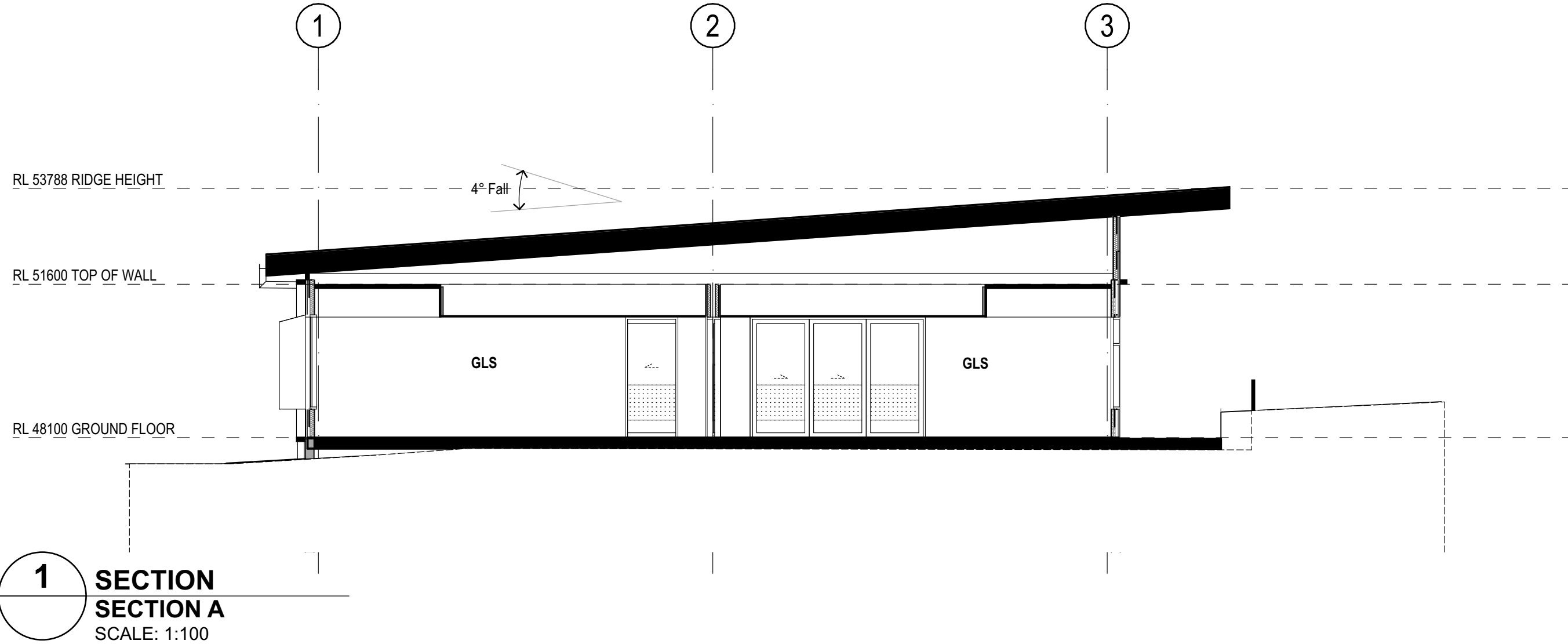
PROJECT NUMBER
7068KW01

DIRECTOR
JW

CHECKED
NK

DRAWING NUMBER
KIPS-FTA-B00M-ZZ-DR-A-3002

REVISION
02



REV.	DESCRIPTION	DATE	INIT.
03	95% SCHEMATIC DESIGN	19/12/2024	LS
02	80% SCHEMATIC DESIGN	09/12/2024	AK
01	50% SCHEMATIC DESIGN	15/11/2024	LS
P5	100% CONCEPT DESIGN	04/11/2024	NK
P4	80% CONCEPT DESIGN	18/10/2024	NK
P3	MASTERPLAN VALIDATION	09/10/2024	NK
P2	FOR INFORMATION	27/09/2024	LS
P1	FOR INFORMATION	20/09/2024	LS

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra QLD 2520
Justine Elzary nra QLD 3313
John Ward nra NSW 8371
Katerina Diacopoulos nra QLD 4528
Paul Spikova nra QLD 3108
Ryan Loveday nra QLD 4500

PROJECT / CLIENT / PHASE
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

SECTIONS
Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER
7068KW01

DIRECTOR
JW

CHECKED
NK

DRAWING NUMBER
KIPS-FTA-B00M-ZZ-DR-A-3101

REVISION
03

150mm @ A1

100

50

150mm @ A1

plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School

EXTERNAL WALL TYPES

	<table><tr><td>External</td><td>CL41 - PREFINISHED SHEETS - FC TYPE 1</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td></td><td>SF21 - STEEL FURRING CHANNEL - 15mm</td></tr><tr><td></td><td>IS04 - SARKING - WALL HEAVY DUTY</td></tr><tr><td></td><td>SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION</td></tr><tr><td>Internal</td><td>LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT</td></tr></table>	External	CL41 - PREFINISHED SHEETS - FC TYPE 1		SF22 - STEEL TOPHAT PROFILES 35MM		SF21 - STEEL FURRING CHANNEL - 15mm		IS04 - SARKING - WALL HEAVY DUTY		SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION	Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT
External	CL41 - PREFINISHED SHEETS - FC TYPE 1												
	SF22 - STEEL TOPHAT PROFILES 35MM												
	SF21 - STEEL FURRING CHANNEL - 15mm												
	IS04 - SARKING - WALL HEAVY DUTY												
	SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION												
Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT												
E07	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												

	<table><tr><td>External</td><td>CL41 - PREFINISHED SHEETS - FC TYPE 1</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td></td><td>SF23 - STEEL TOPHAT PROFILES 61MM</td></tr><tr><td></td><td>IS04 - SARKING - WALL HEAVY DUTY</td></tr><tr><td></td><td>SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION</td></tr><tr><td>Internal</td><td>LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT</td></tr></table>	External	CL41 - PREFINISHED SHEETS - FC TYPE 1		SF22 - STEEL TOPHAT PROFILES 35MM		SF23 - STEEL TOPHAT PROFILES 61MM		IS04 - SARKING - WALL HEAVY DUTY		SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION	Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT
External	CL41 - PREFINISHED SHEETS - FC TYPE 1												
	SF22 - STEEL TOPHAT PROFILES 35MM												
	SF23 - STEEL TOPHAT PROFILES 61MM												
	IS04 - SARKING - WALL HEAVY DUTY												
	SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION												
Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT												
E07A	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												

	<table><tr><td>External</td><td>CL41 - PREFINISHED SHEETS - FC TYPE 1</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td></td><td>SF21 - STEEL FURRING CHANNEL - 15mm</td></tr><tr><td></td><td>IS04 - SARKING - WALL HEAVY DUTY</td></tr><tr><td></td><td>SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION</td></tr><tr><td>Internal</td><td>LC23 - FC LINING - 9MM FLUSH JOINTS</td></tr></table>	External	CL41 - PREFINISHED SHEETS - FC TYPE 1		SF22 - STEEL TOPHAT PROFILES 35MM		SF21 - STEEL FURRING CHANNEL - 15mm		IS04 - SARKING - WALL HEAVY DUTY		SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION	Internal	LC23 - FC LINING - 9MM FLUSH JOINTS
External	CL41 - PREFINISHED SHEETS - FC TYPE 1												
	SF22 - STEEL TOPHAT PROFILES 35MM												
	SF21 - STEEL FURRING CHANNEL - 15mm												
	IS04 - SARKING - WALL HEAVY DUTY												
	SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION												
Internal	LC23 - FC LINING - 9MM FLUSH JOINTS												
E08	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												

	<table><tr><td>External</td><td>CL41 - PREFINISHED SHEETS - FC TYPE 1</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td></td><td>SF23 - STEEL TOPHAT PROFILES 61MM</td></tr><tr><td></td><td>IS04 - SARKING - WALL HEAVY DUTY</td></tr><tr><td></td><td>SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION</td></tr><tr><td>Internal</td><td>LC23 - FC LINING - 9MM FLUSH JOINTS</td></tr></table>	External	CL41 - PREFINISHED SHEETS - FC TYPE 1		SF22 - STEEL TOPHAT PROFILES 35MM		SF23 - STEEL TOPHAT PROFILES 61MM		IS04 - SARKING - WALL HEAVY DUTY		SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION	Internal	LC23 - FC LINING - 9MM FLUSH JOINTS
External	CL41 - PREFINISHED SHEETS - FC TYPE 1												
	SF22 - STEEL TOPHAT PROFILES 35MM												
	SF23 - STEEL TOPHAT PROFILES 61MM												
	IS04 - SARKING - WALL HEAVY DUTY												
	SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION												
Internal	LC23 - FC LINING - 9MM FLUSH JOINTS												
E08A	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												

	<table><tr><td>External</td><td>CL41 - PREFINISHED SHEETS - FC TYPE 1</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td></td><td>SF21 - STEEL FURRING CHANNEL - 15mm</td></tr><tr><td></td><td>IS04 - SARKING - WALL HEAVY DUTY</td></tr><tr><td></td><td>SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION</td></tr><tr><td></td><td>SF - PACKER TO SUIT</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td>Internal</td><td>LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT</td></tr></table>	External	CL41 - PREFINISHED SHEETS - FC TYPE 1		SF22 - STEEL TOPHAT PROFILES 35MM		SF21 - STEEL FURRING CHANNEL - 15mm		IS04 - SARKING - WALL HEAVY DUTY		SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION		SF - PACKER TO SUIT		SF22 - STEEL TOPHAT PROFILES 35MM	Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT
External	CL41 - PREFINISHED SHEETS - FC TYPE 1																
	SF22 - STEEL TOPHAT PROFILES 35MM																
	SF21 - STEEL FURRING CHANNEL - 15mm																
	IS04 - SARKING - WALL HEAVY DUTY																
	SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION																
	SF - PACKER TO SUIT																
	SF22 - STEEL TOPHAT PROFILES 35MM																
Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT																
E25	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False					
Fire Rating	-	NOTE:															
R-Value	-																
Rw + Ctr	-																
Smoke Rating	False																

	<table><tr><td>External</td><td>CL41 - PREFINISHED SHEETS - FC TYPE 1</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td></td><td>SF23 - STEEL TOPHAT PROFILES 61MM</td></tr><tr><td></td><td>IS04 - SARKING - WALL HEAVY DUTY</td></tr><tr><td></td><td>SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION</td></tr><tr><td></td><td>SF - PACKER TO SUIT</td></tr><tr><td></td><td>SF22 - STEEL TOPHAT PROFILES 35MM</td></tr><tr><td>Internal</td><td>LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT</td></tr></table>	External	CL41 - PREFINISHED SHEETS - FC TYPE 1		SF22 - STEEL TOPHAT PROFILES 35MM		SF23 - STEEL TOPHAT PROFILES 61MM		IS04 - SARKING - WALL HEAVY DUTY		SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION		SF - PACKER TO SUIT		SF22 - STEEL TOPHAT PROFILES 35MM	Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT
External	CL41 - PREFINISHED SHEETS - FC TYPE 1																
	SF22 - STEEL TOPHAT PROFILES 35MM																
	SF23 - STEEL TOPHAT PROFILES 61MM																
	IS04 - SARKING - WALL HEAVY DUTY																
	SF02 - STEEL WALL FRAMING - 92MM WITH (IS) THERMAL INSULATION																
	SF - PACKER TO SUIT																
	SF22 - STEEL TOPHAT PROFILES 35MM																
Internal	LC09 - PLASTERBOARD - 13MM IMPACT RESISTANT																
E25A	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False					
Fire Rating	-	NOTE:															
R-Value	-																
Rw + Ctr	-																
Smoke Rating	False																

INTERNAL WALL TYPES

	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												
	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												
	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												
	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												
	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												
	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												
	<table><tr><td>Fire Rating</td><td>-</td><td>NOTE:</td></tr><tr><td>R-Value</td><td>-</td><td></td></tr><tr><td>Rw + Ctr</td><td>-</td><td></td></tr><tr><td>Smoke Rating</td><td>False</td><td></td></tr></table>	Fire Rating	-	NOTE:	R-Value	-		Rw + Ctr	-		Smoke Rating	False	
Fire Rating	-	NOTE:											
R-Value	-												
Rw + Ctr	-												
Smoke Rating	False												

fulton trotter

ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t: (02) 8383 5151 e: sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS			
Greg Isaac	NSW 6855	QLD 2500	
Justine Elzany		QLD 3313	
John Ward	NSW 8371	QLD 3847	
Katerina Diacopoulos	NSW 7434	QLD 4528	
Paul Siskawa	NSW 7180	QLD 1108	
Ryan Loveday		QLD 4500	

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

KINGSWOOD PUBLIC SCHOOL

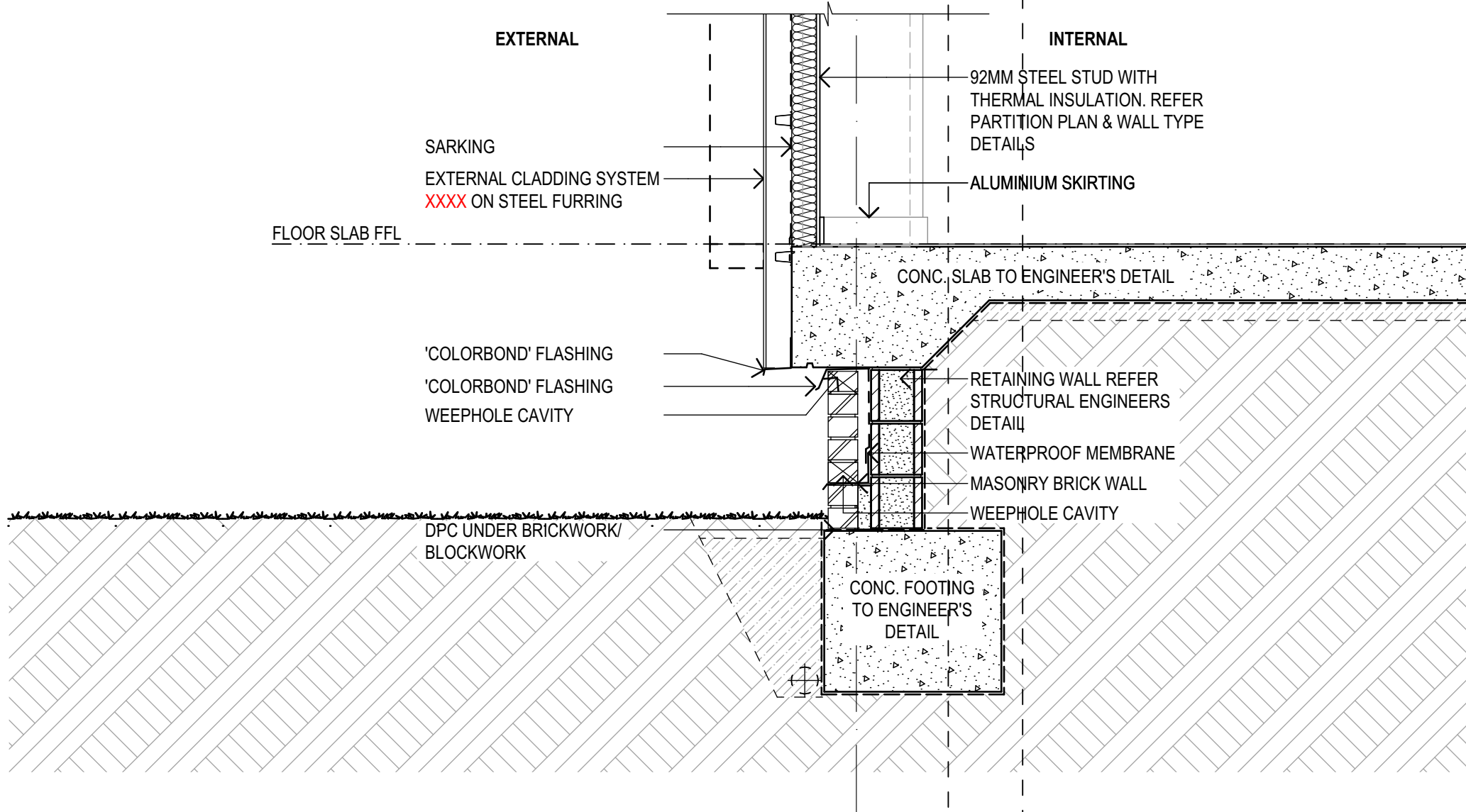
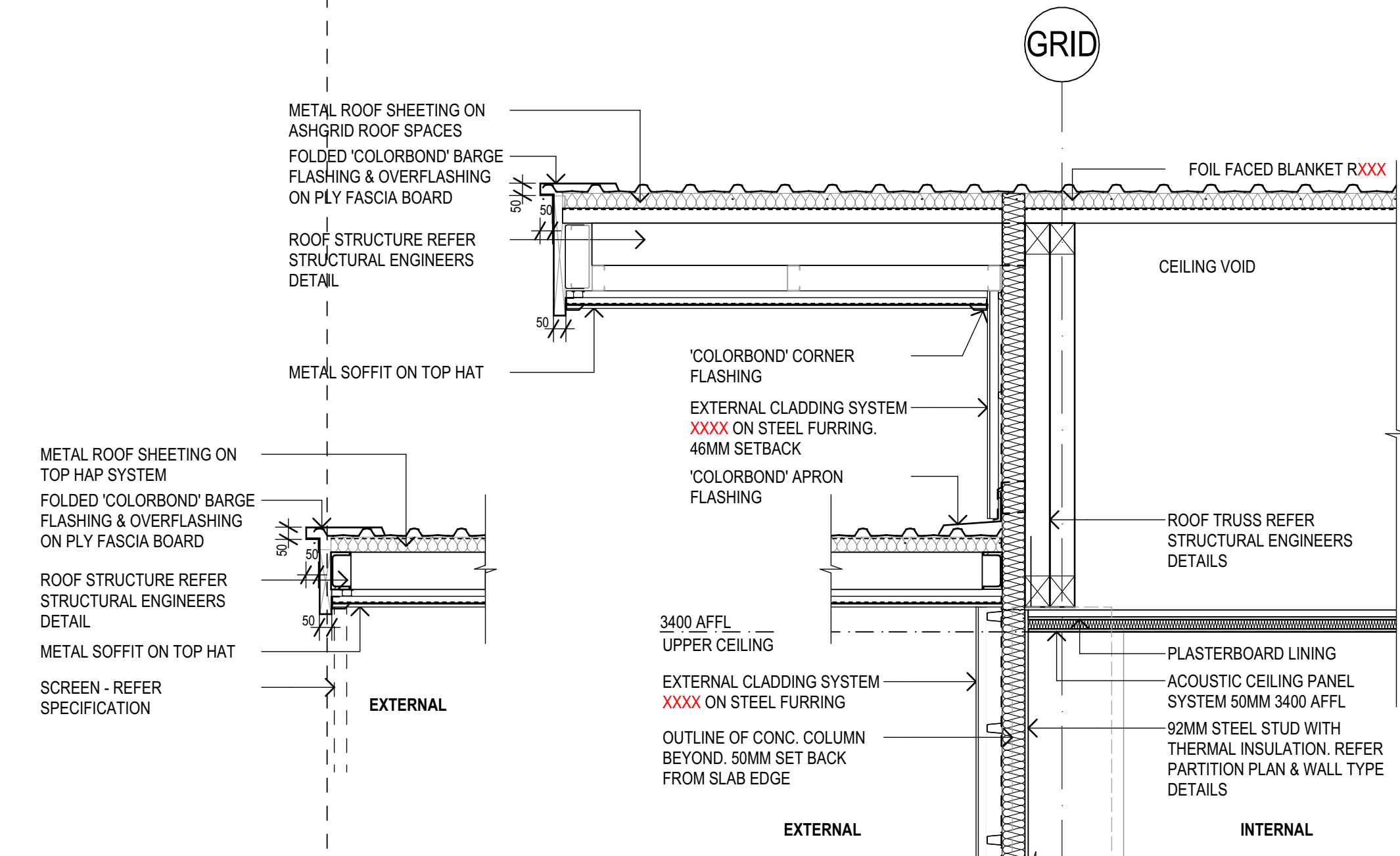
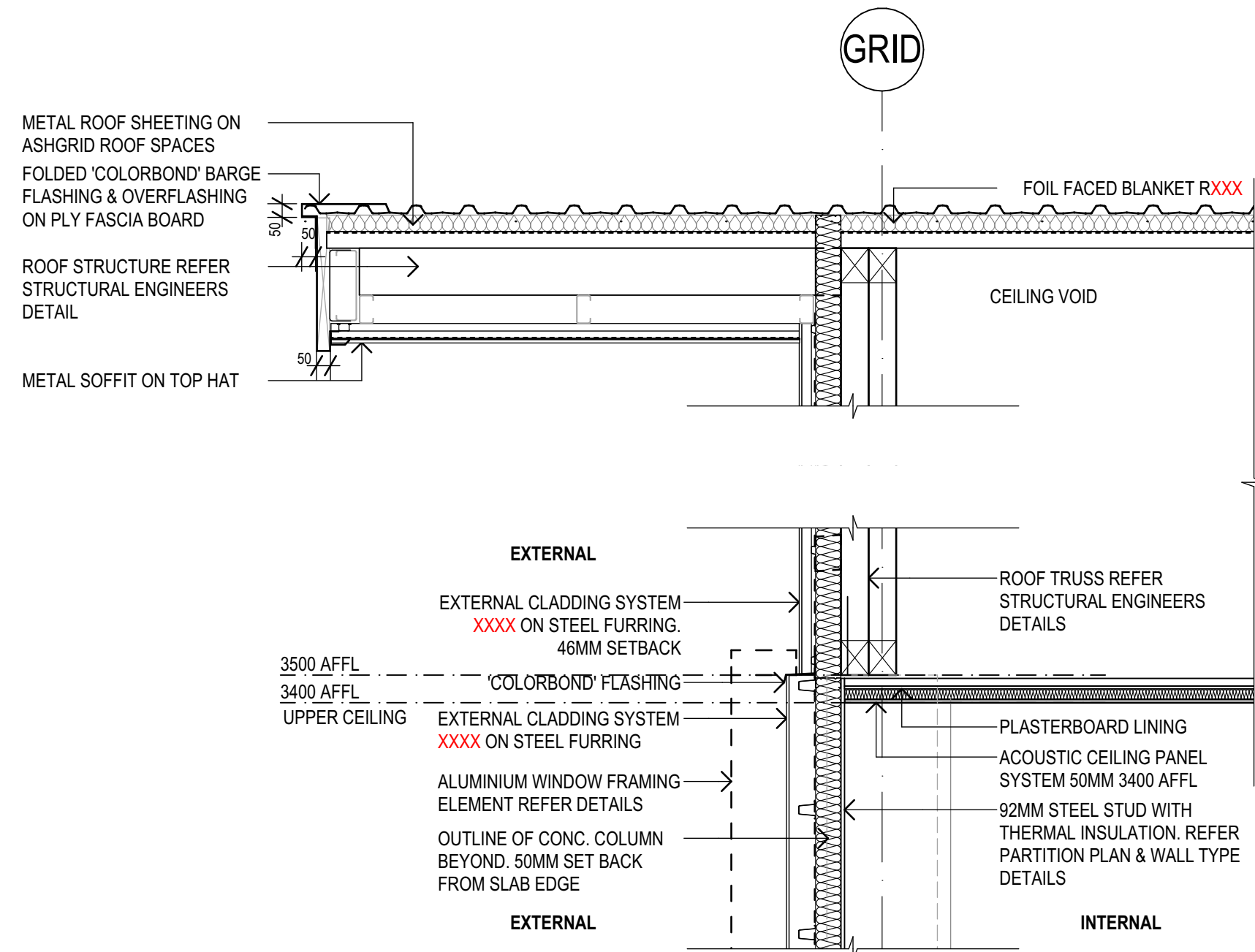
46-54 SECOND AVENUE,
KINGSWOOD, NSW

WALL TYPES DETAILS /
PARTITION DETAILS

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	

DRAWING NUMBER	REVISION
KIPS-FTA-B00M-ZZ-DR-A-4001	03



2 DETAIL SECTION
SIDE WALL DETAIL SECTION
SCALE: 1:20

1 DETAIL SECTION
SIDE WALL DETAIL SECTION
SCALE: 1:20

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t: (02) 8383 5151 e: sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

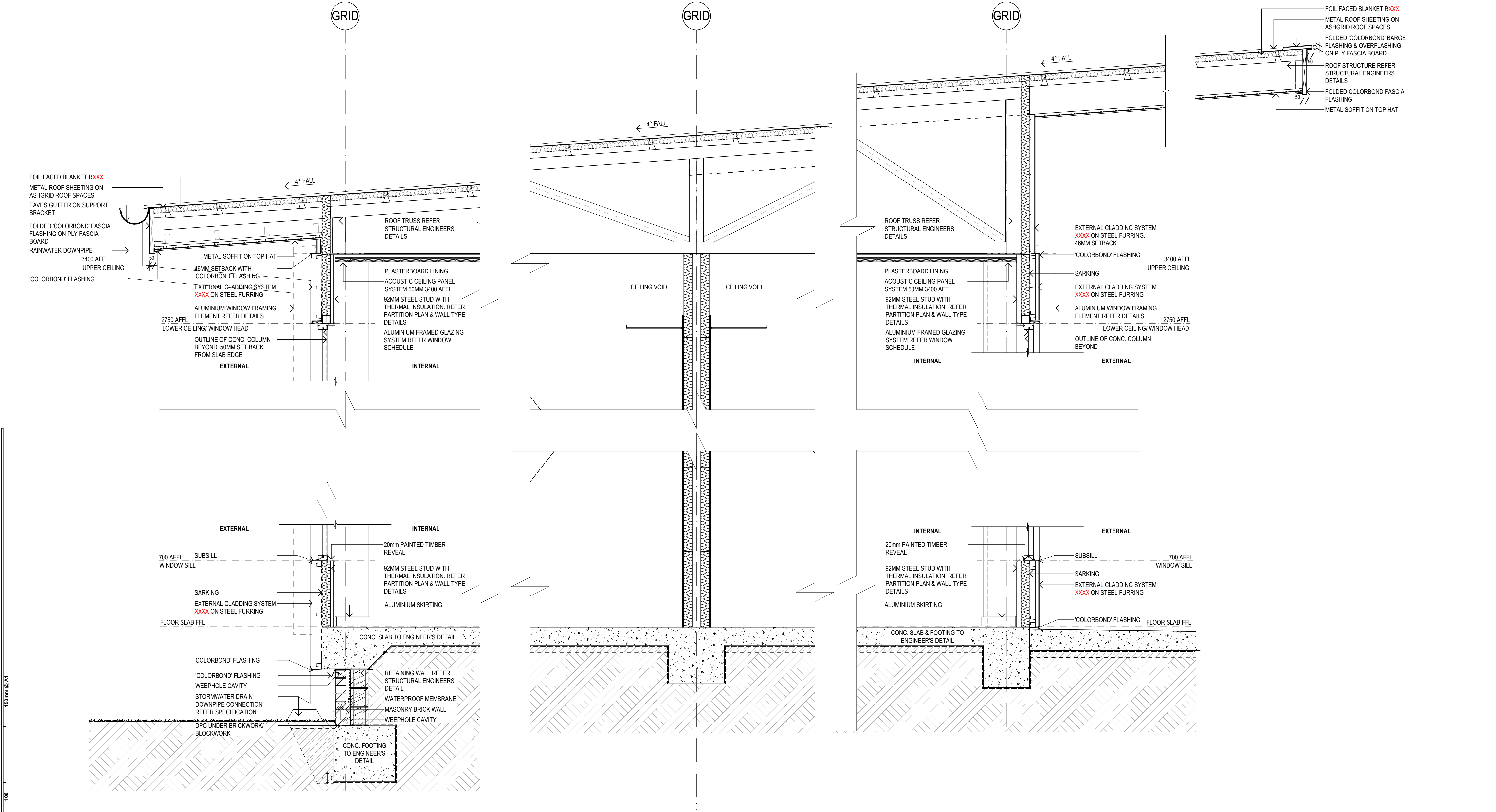
DIRECTORS
Greg Isaac nra QLD 2500
Justin Eboray nra QLD 3513
John Ward nra QLD 3847
Katerina Diacopoulos fra QLD 4528
Paul Skelton fra QLD 1108
Ryan Lovelady fra QLD 4500

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

WALL SECTIONS 01
Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

PROJECT NUMBER **7068KW01** DIRECTOR **JW** CHECKED
DRAWING NUMBER **KIPS-FTA-B00M-ZZ-DR-A-4201** REVISION

150mm @ A1
100
50
plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School



REV.	DESCRIPTION	DATE	INIT.
02	95% SCHEMATIC DESIGN	19/12/2024	LS
01	80% SCHEMATIC DESIGN	06/12/2024	AK

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra NSW 6855 QLD 2500
Justine Euseby nra QLD 3313
John Ward nra NSW 8371 QLD 3847
Katerina Diacopoulos nra NSW 7434 QLD 4528
Paul Siskawa nra VIC 18804 NSW 7180 QLD 4500
Ryan Loveday nra

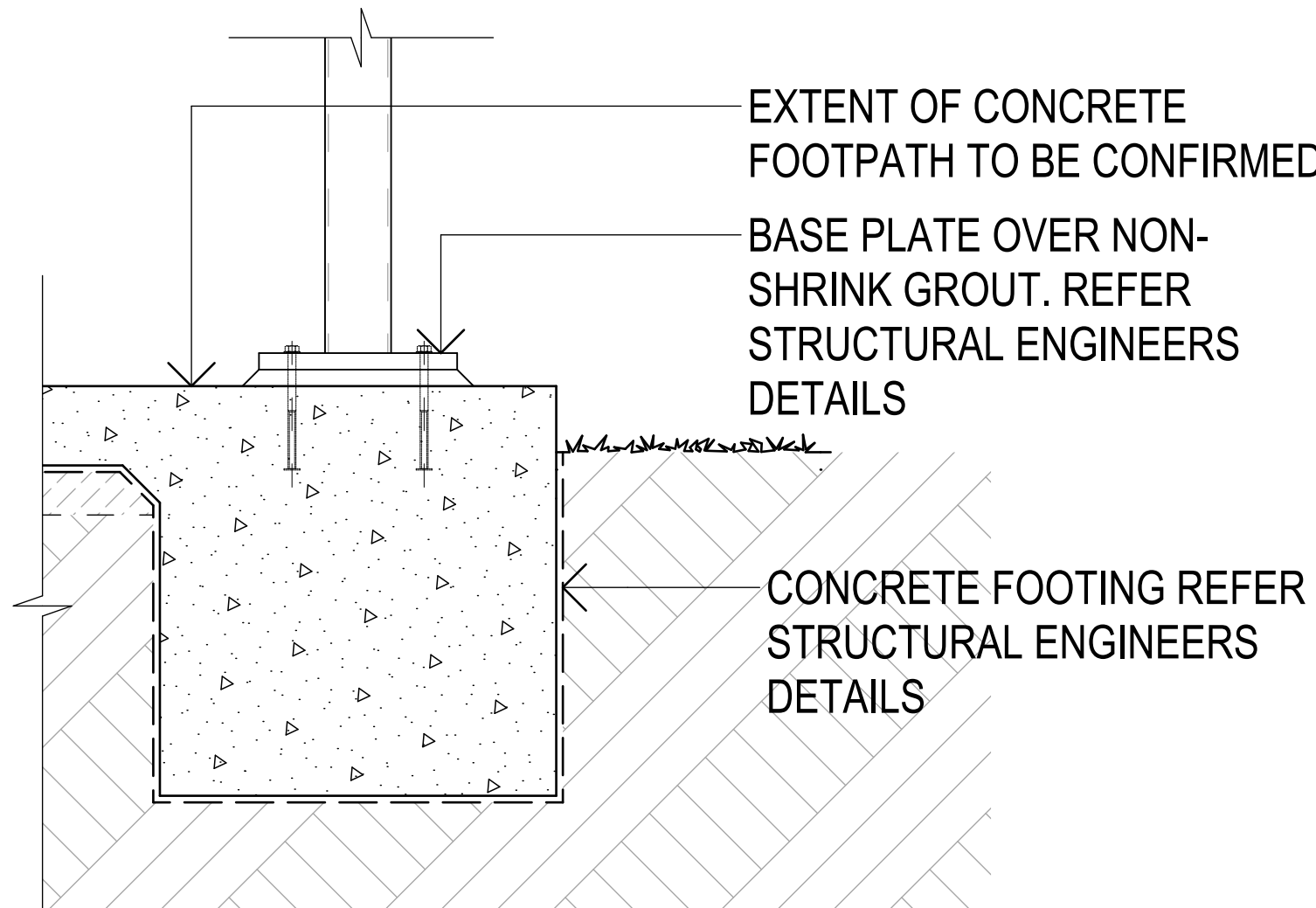
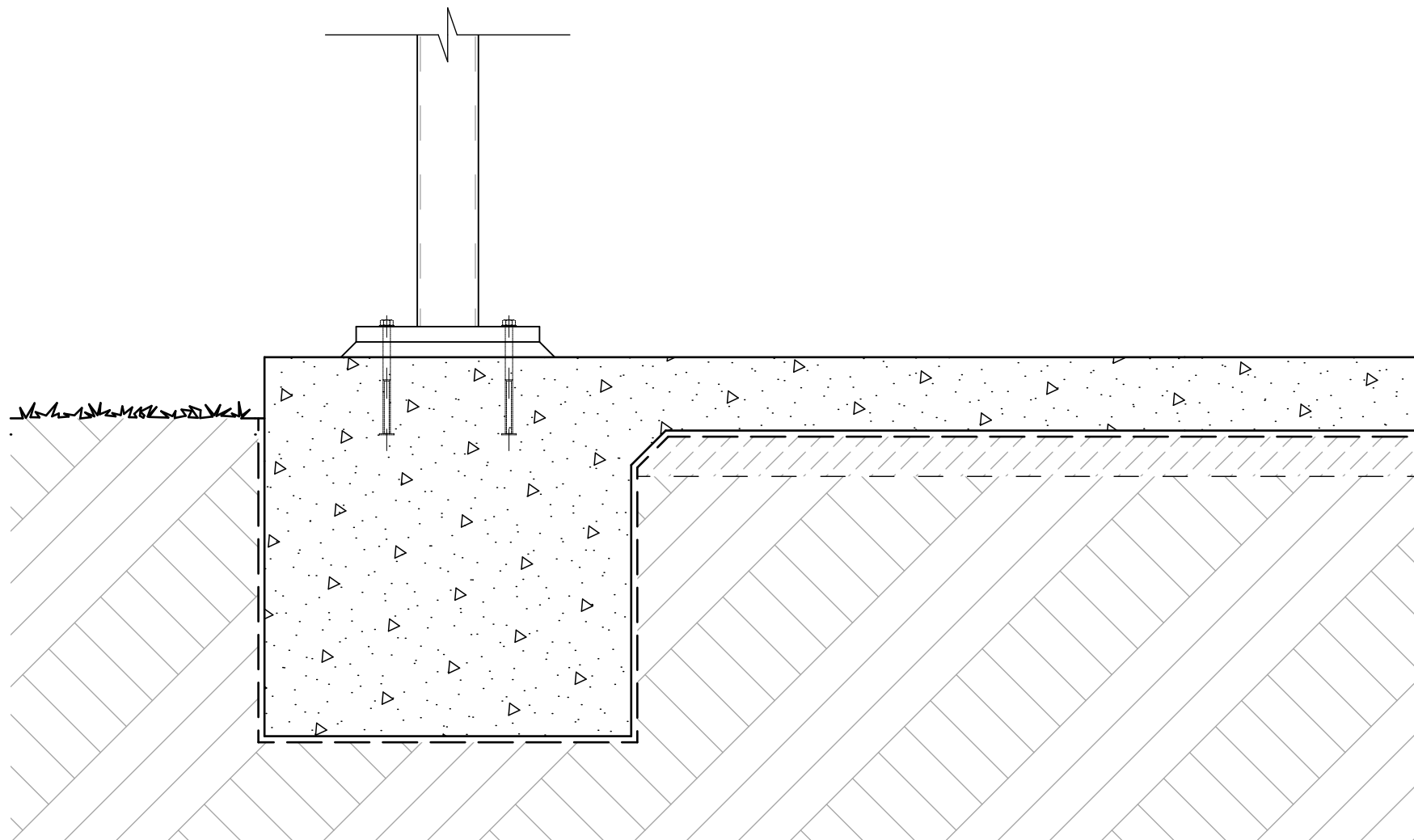
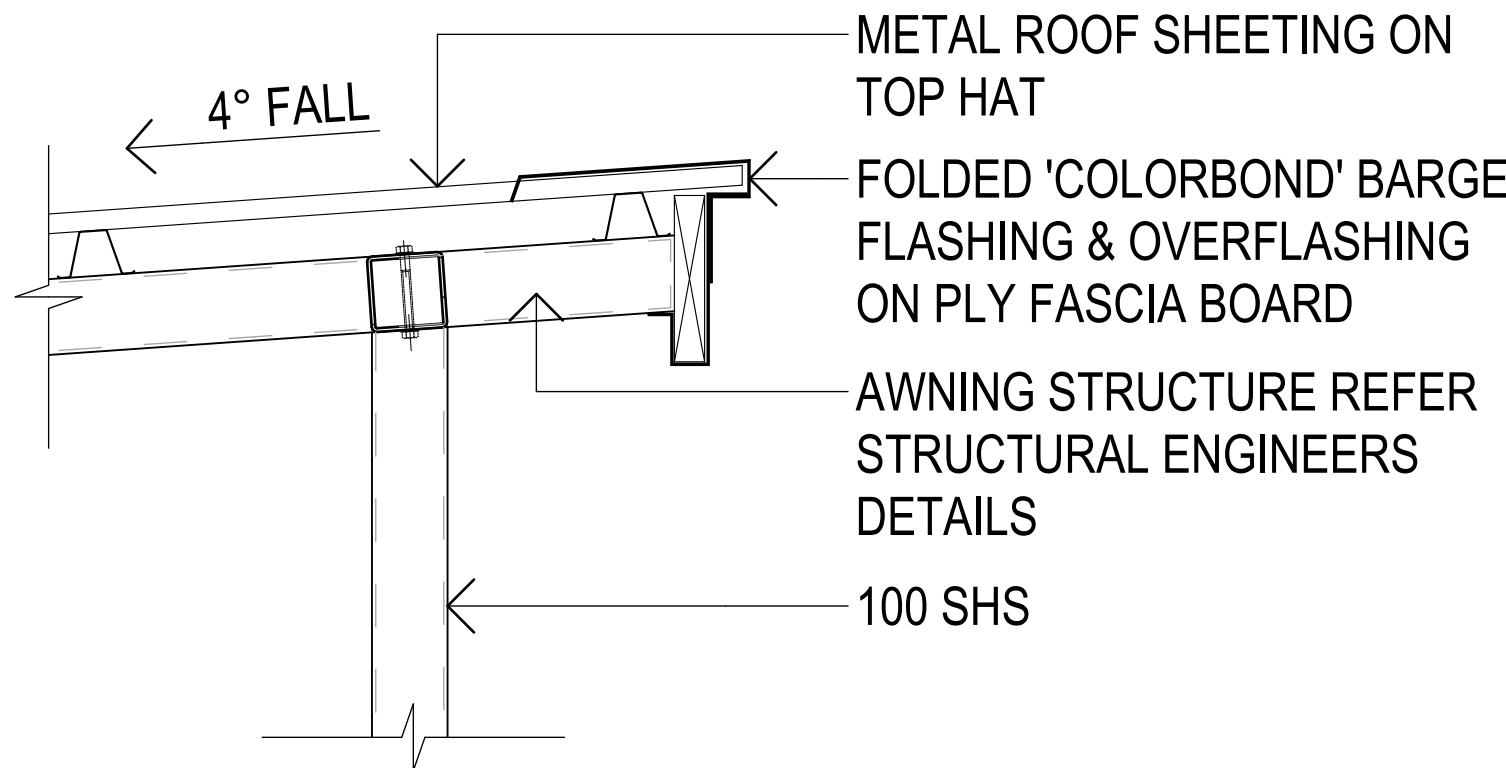
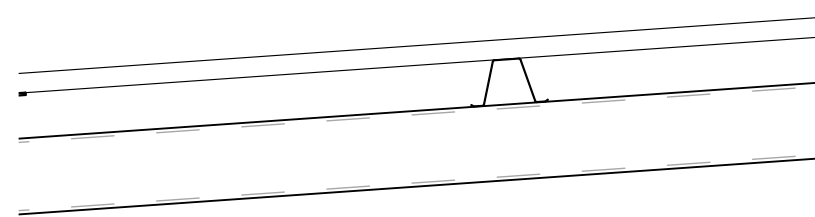
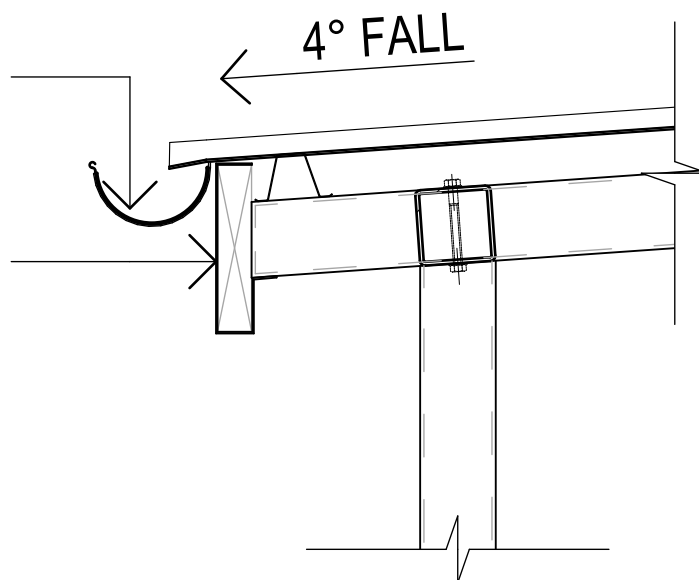
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

WALL SECTIONS 02
Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.

PROJECT NUMBER **7068KW01** DIRECTOR **JW** CHECKED
DRAWING NUMBER **KIPS-FTA-B00M-ZZ-DR-A-4202** REVISION **02**

EAVES GUTTER TBA ON
SUPPORT BRACKET

FOLDED 'COLORBOND' FASCIA
FLASHING ON PLY FASCIA
BOARD



1 **DETAIL SECTION**
TYPICAL COVERED WALKWAY
SCALE: 1:10

150mm @ A1

100

50

150mm @ A1

plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School

REV.	DESCRIPTION	DATE	INIT.
02	95% SCHEMATIC DESIGN	19/12/2024	LS
01	80% SCHEMATIC DESIGN	06/12/2024	AK

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS			
Greg Isaac nra	NSW 6855	QLD 2520	
Justine Elzary nra		QLD 3313	
John Ward nra	NSW 8371	QLD 3847	
Katerina Diacopoulos nra	NSW 7434	QLD 4528	
Paul Spikova nra	NSW 7180	QLD 1108	
Ryan Lovetday nra		QLD 4500	

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

KINGSWOOD PUBLIC SCHOOL

46-54 SECOND AVENUE,
KINGSWOOD, NSW

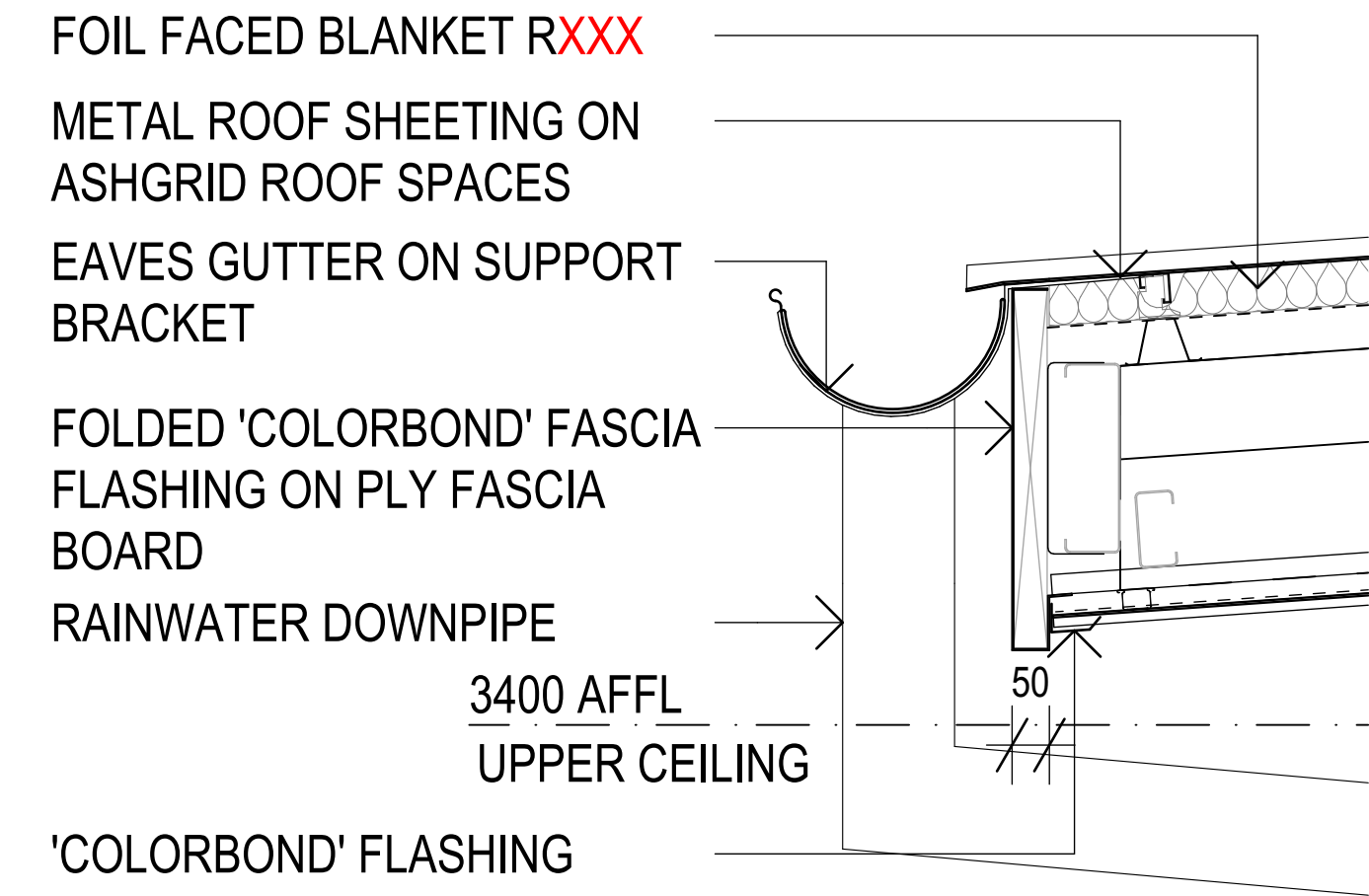
TYPICAL COVERED WALKWAY
DETAILS

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

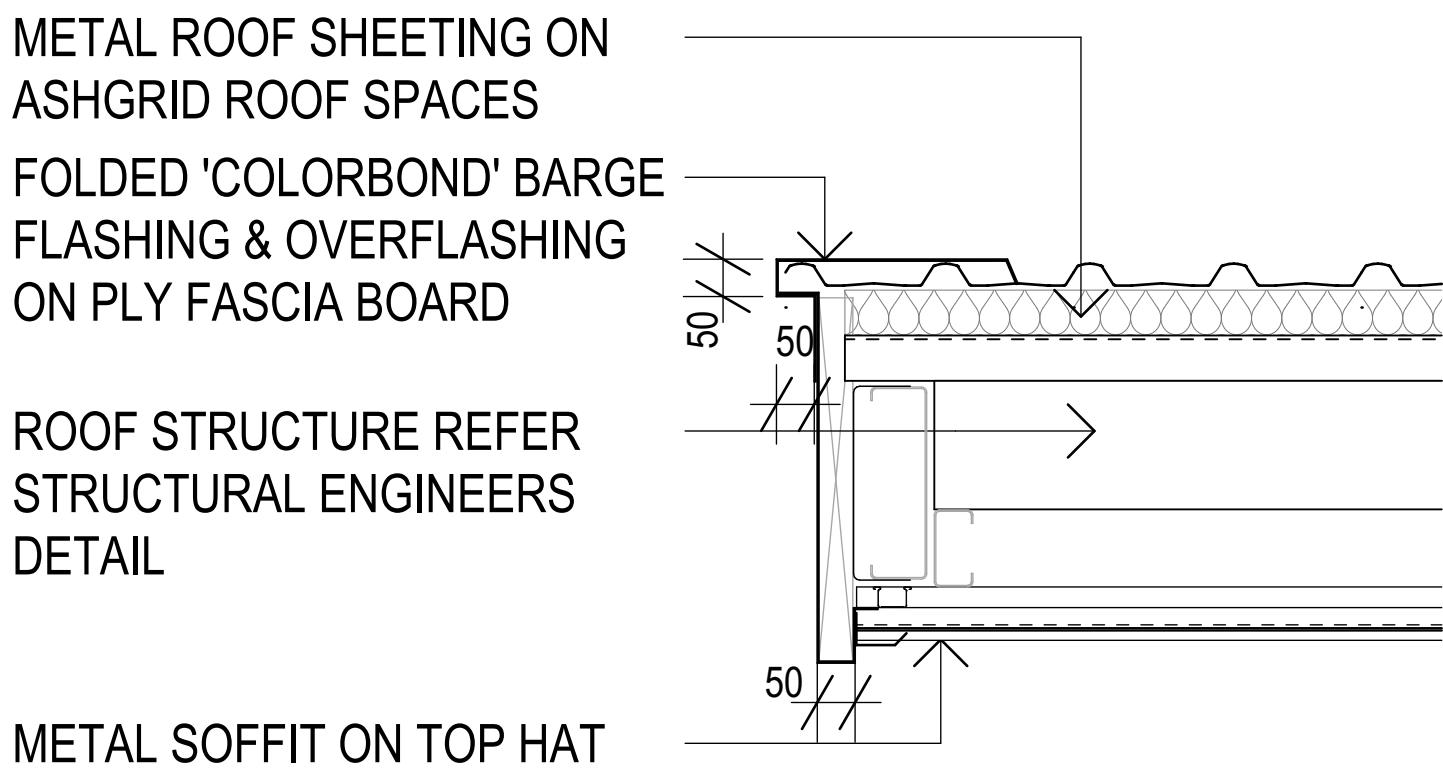
PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	

DRAWING NUMBER	REVISION
KIPS-FTA-B00M-ZZ-DR-A-4801	

02



1 **DETAIL SECTION**
TYPICAL FASCIA DETAILS 01
SCALE: 1:10



2 **DETAIL SECTION**
TYPICAL FASCIA DETAILS 02
SCALE: 1:10

150mm @ A1

100

50

50 100 150mm @ A1

plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School

REV.	DESCRIPTION	DATE	INIT.
02	95% SCHEMATIC DESIGN	19/12/2024	LS
01	80% SCHEMATIC DESIGN	06/12/2024	AK

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS			
Greg Isaac nra	NSW 6855	QLD 2500	
Justine Elzary nra		QLD 3313	
John Ward nra	NSW 8371	QLD 3847	
Katerina Diacopoulos nra	NSW 7434	QLD 4528	
Paul Skovra nra	NSW 7180	QLD 1108	
Ryan Lovetday nra		QLD 4500	

DRAWING PROJECT CLIENT / PHASE
SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW

PROJECT CLIENT / PHASE
KINGSWOOD PUBLIC SCHOOL

ADDRESS
46-54 SECOND AVENUE,
KINGSWOOD, NSW

DRAWING
TYPICAL FASCIA DETAILS

Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER	DIRECTOR	CHECKED
7068KW01	JW	

DRAWING NUMBER	REVISION
KIPS-FTA-B00M-ZZ-DR-A-4901	

02

[illegible][illegible]

Fulton Trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au

SYDNEY Suite 904, Level 9, 28-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8385 5311 e. sydney@fultontrotter.com.au

Fulton Trotter Architects ACN 677 264 550 ABN 57 077 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Glen Lister
Elizabeth Ezzeryn
John Ward
Katherine Chiosopoulos
Paul Skavira
Frank Lavelle

VIC 18804 NSW 6855 QLD 3210
NSW 8371 QLD 3647
NSW 7434 QLD 3108
NSW 7180 QLD 4500

DRAWING	<h2 style="margin: 0;">EXTERNAL DOOR & WINDOW SCHEDULE</h2>
<p>Figured dimensions take precedence over scale dimensions. Contractors must verify all dimensions on site before commencing any work or making shop drawings.</p>	
PROJECT NUMBER <div style="border: 1px solid black; padding: 5px; font-size: 1.2em; font-weight: bold;">7068KW01</div>	DIRECTOR <div style="border: 1px solid black; padding: 5px; font-size: 1.2em; font-weight: bold;">JW</div>
DRAWING NUMBER <div style="border: 1px solid black; padding: 5px; font-size: 1.2em; font-weight: bold;">KIPS-FTA-B00M-ZZ-DR-A-6001</div>	CHECKED <div style="border: 1px solid black; height: 40px; width: 100%;"></div> REVISION <div style="border: 1px solid black; height: 40px; width: 100%;"></div>

[illegible][illegible]

150mm @ A1

100

50

50 100 150mm @ A1

plot date: Friday, 20 December 2024 9:01 AM file location: BIMcloud: FTA-SYD-BIM26 - BIMcloud Basic for Archicad 26/7068KW01 Kingswood Public School

[illegible][illegible][illegible]



1 PERSPECTIVE
3D VIEW 1



2 PERSPECTIVE
3D VIEW 2

150mm @ A1
100
50

REV.	DESCRIPTION	DATE	INIT.
02	95% SCHEMATIC DESIGN	19/12/2024	LS
01	80% SCHEMATIC DESIGN	06/12/2024	AK
P2	100% CONCEPT DESIGN	04/11/2024	NK
P1	80% CONCEPT DESIGN	18/10/2024	NK

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
t. (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.

DIRECTORS
Greg Isaac nra QLD 2500
Justine Ebbary nra QLD 3313
John Ward nra QLD 3847
Katerina Diacopoulos nra QLD 4528
Paul Siskawa nra QLD 3108
Ryan Loveday nra QLD 4500

NSW 6855
NSW 8371
NSW 7434
NSW 7180

SCHEMATIC DESIGN
SCHOOL INFRASTRUCTURE
NSW
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

PERSPECTIVES 1
Figured dimensions take precedence over
scale dimensions. Contractors must verify
all dimensions on site before commencing
any work or making shop drawings.

PROJECT NUMBER
7068KW01

DIRECTOR
JW

CHECKED
NK

DRAWING NUMBER
KIPS-FTA-B00M-ZZ-DR-A-9001

REVISION
02



1 PERSPECTIVE
3D VIEW 3



2 PERSPECTIVE
3D VIEW 4

150mm @ A1
100
50

REV.	DESCRIPTION	DATE	INIT.
02	95% SCHEMATIC DESIGN	19/12/2024	LS
01	80% SCHEMATIC DESIGN	06/12/2024	AK
P2	100% CONCEPT DESIGN	04/11/2024	NK
P1	80% CONCEPT DESIGN	18/10/2024	NK

fulton trotter
ARCHITECTS BRISBANE SYDNEY
www.fultontrotter.com.au
SYDNEY Suite 904, Level 9, 29-36 Foveaux Street, Surry Hills, NSW 2010
L (02) 8383 5151 e. sydney@fultontrotter.com.au
Fulton Trotter Architects ACN 677 264 550 ABN 57 677 264 550
To be used for authorised work only. Not to be copied directly or indirectly,
in whole or in part, nor shall it be used for any other building purposes.
DIRECTORS
Greg Isaac nra QLD 2500
Justine Elzany nra QLD 3313
John Ward nra NSW 8371
Katerina Diacopoulos nra NSW 7434
Paul Spikova nra NSW 7180
Ryan Lovetday nra QLD 4500

DRAWING PHASE
CLIENT
PROJECT
7068KW01
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVENUE,
KINGSWOOD, NSW

DIRECTOR
JW
CHECKED
REVISION
02

KINGSWOOD PUBLIC SCHOOL

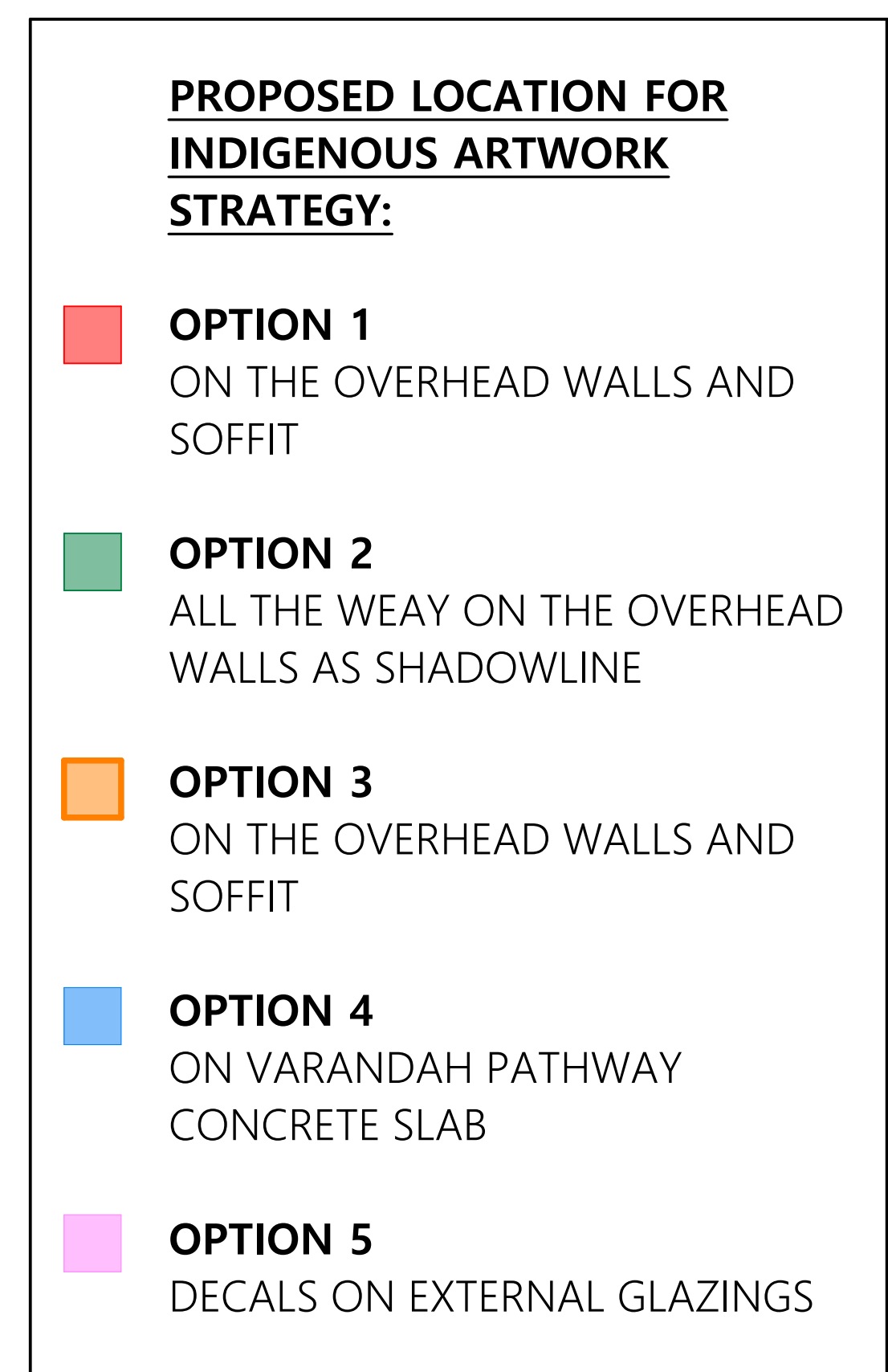
FOR SCHOOL INFRASTRUCTURE NSW

7068KW01

						Drawing Name	Rev
KIPS	FTA	XX	XX	DR A	0000	COVER SHEET + DRAWING LIST	03
KIPS	FTA	XX	XX	DR A	0001	SPECIFICATION SCHEDULE & MATERIAL SELECTIONS	02
KIPS	FTA	00	00	DR A	1001	EXISTING SITE PLAN	02
KIPS	FTA	00	00	DR A	1002	DEMOLITION SITE PLAN	04
KIPS	FTA	00	00	DR A	1003	SITE ANALYSIS PLAN	02
KIPS	FTA	00	00	DR A	1101	PROPOSED SITE PLAN	03
KIPS	FTA	00	00	DR A	1201	SITE SECTION	03
KIPS	FTA	00	00	DR A	1401	EXTERNAL WORKS PLAN	04
KIPS	FTA	00	00	DR A	1501	STAGING PLAN	04
KIPS	FTA	00	00	DR A	1601	PLAYSCAPE CALCULATION	01
KIPS	FTA	00	00	DR A	1602	EXISTING AMENITIES STRATEGY	01
KIPS	FTA	00	00	DR A	1604	TREE REMOVAL PLAN	01
KIPS	FTA	00	00	DR A	1610	INDIGENOUS ARTWORK STRATEGY	02
KIPS	FTA	00	00	DR A	1630	EXTERNAL MATERIAL AND FINISHES	03
KIPS	FTA	00	00	DR A	1640	SHADOW DIAGRAM	01
KIPS	FTA	00	00	DR A	1650	CONSTRUCTION MANAGEMENT STRATEGY	01
KIPS	FTA	B00M	GF	DR A	2101	GROUND FLOOR PLAN	05
KIPS	FTA	B00M	LR	DR A	2102	ROOF PLAN	05
KIPS	FTA	B00M	GF	DR A	2201	REFLECTED CEILING PLAN	04
KIPS	FTA	B00M	ZZ	DR A	3001	ELEVATIONS 01	03
KIPS	FTA	B00M	ZZ	DR A	3002	ELEVATIONS 02	02
KIPS	FTA	B00M	ZZ	DR A	3101	SECTIONS	03
KIPS	FTA	B00M	ZZ	DR A	4001	WALL TYPES DETAILS / PARTITION DETAILS	03
KIPS	FTA	B00M	ZZ	DR A	4201	WALL SECTIONS 01	03
KIPS	FTA	B00M	ZZ	DR A	4202	WALL SECTIONS 02	02
KIPS	FTA	B00M	ZZ	DR A	4801	TYPICAL COVERED WALKWAY DETAILS	02
KIPS	FTA	B00M	ZZ	DR A	4901	TYPICAL FASCIA DETAILS	02
KIPS	FTA	B00M	ZZ	DR A	6001	EXTERNAL DOOR & WINDOW SCHEDULE	02
KIPS	FTA	B00M	ZZ	DR A	6002	INTERNAL DOOR & WINDOW SCHEDULE	02
KIPS	FTA	B00M	ZZ	DR A	9001	PERSPECTIVES 1	02
KIPS	FTA	B00M	ZZ	DR A	9002	PERSPECTIVES 2	02



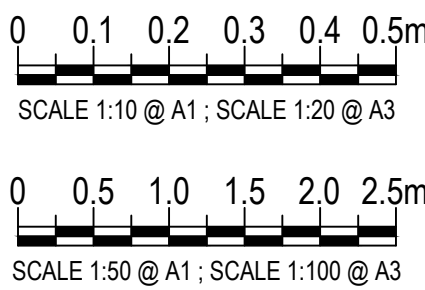
Appendix C – Catchment Plan



Appendix D – Stormwater Drainage and OSD Tank Plan and Detail



MESH TYPE	MESH SCREEN AREA
LYSAGHT RH3030 FOR ORIFICE 150Ø OR LESS	>50X ORIFICE DIAMETER
'WELDLOK' F40/203 FOR ORIFICE GREATER THAN 150Ø	>50X ORIFICE DIAMETER
NOTE: SCREEN AREA INCLUDES SIDES WHERE APPLICABLE	

[illegible]

MEINHARDT

Meinhardt Infrastructure and Environment PTY. LTD.

A.C.N. 099 088 599


Level 8/150 ~~Mythstone Street~~
~~Sydney NSW 2000~~

Australia

T: +61 2 9278 5000
F: +61 2 9278 5999

info@meinhardtgroup.com
<http://www.meinhardtgroup.com>
© Copyright

CLIENT



School Infrastructure NSW

TITLE

OSD DETAILS

PROJECT
KINGSWOOD PUBLIC SCHOOL
46-54 SECOND AVE, KINGSWOOD NSW 2747

STATUS

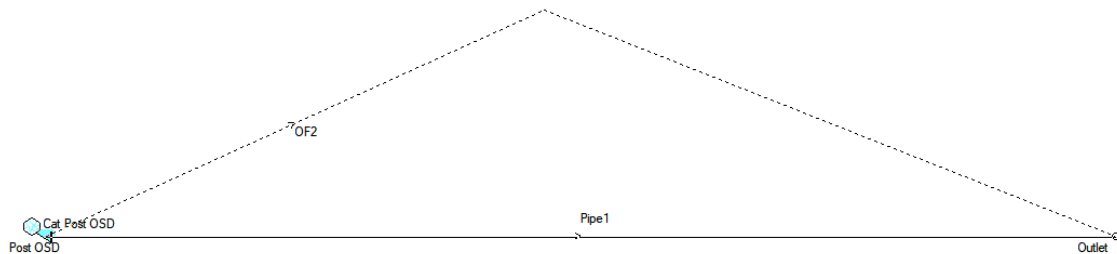
SCHEMATIC DESIGN

NOT TO BE USED FOR CONSTRUCTION

DRAWN J.G	DESIGNED A.N	CHECKED B.K	APPROVED B.L	DATE	SCALE @ A1 AS SHOWN
PROJECT No 132566		DRAWING No KIPS-MHT-00-00-DR-C-0300			REV P4

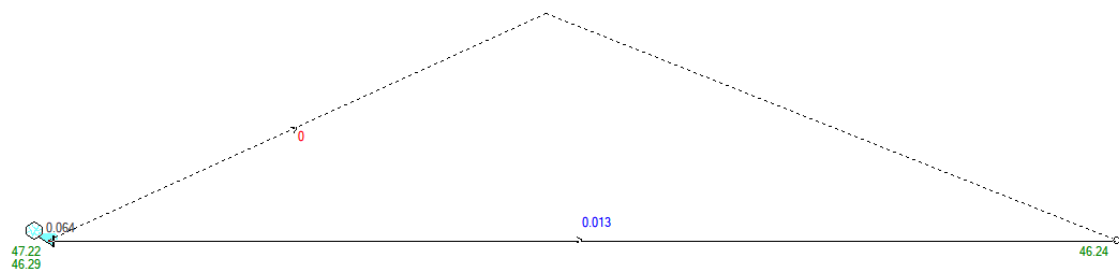
Appendix E – OSD Storage Calculation in DRAINS

(DRAINS OSD LAYOUT)



(DRAINS OSD: 5% AEP)

Results for median storm in critical 5% AEP ensembles using Lite hydraulic model.



(DRAINS OSD: 1% AEP)

Results for median storm in critical 1% AEP ensembles using Lite hydraulic model.

