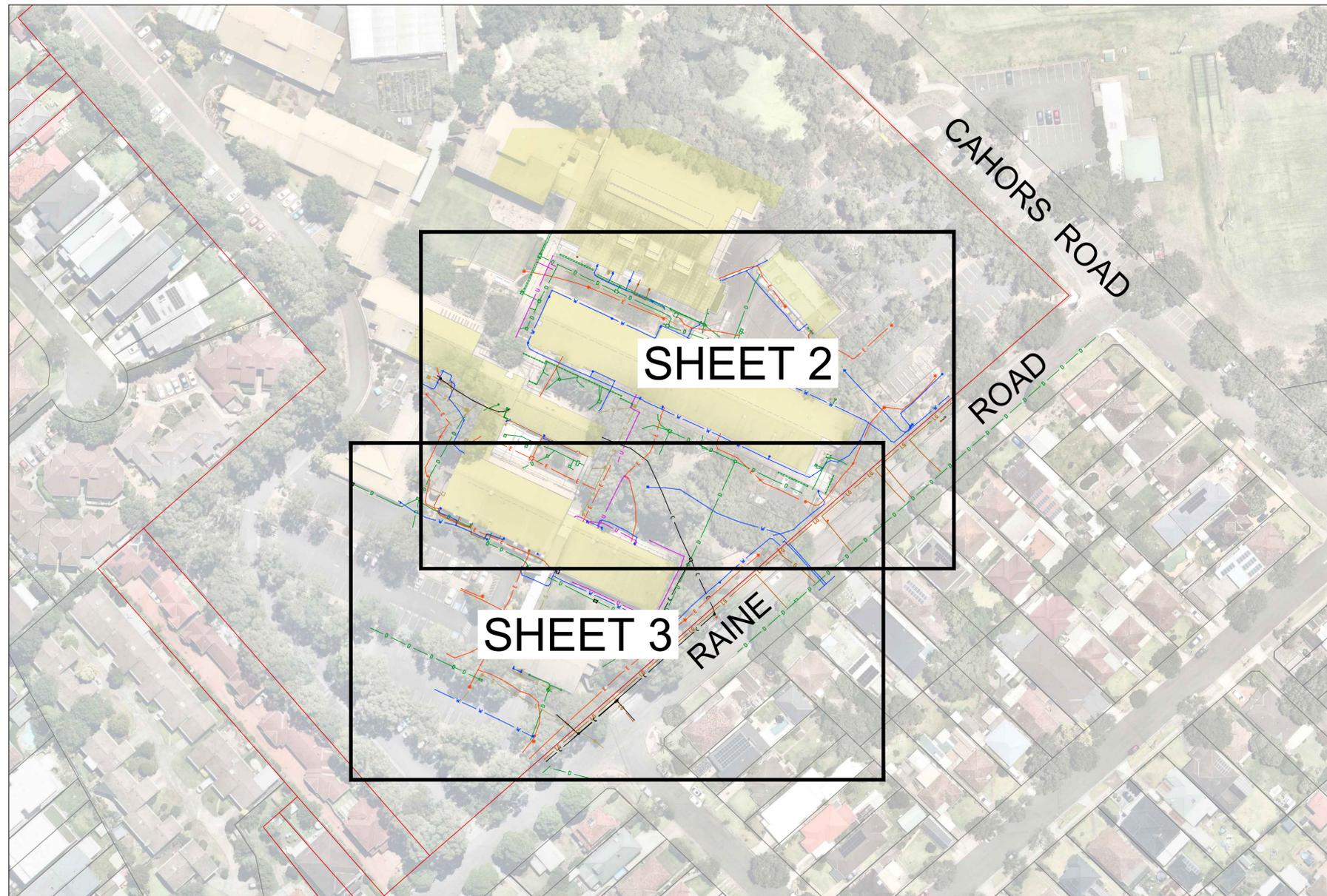


**LEGEND**

- ELECTRICAL**
- CABLE JUNCTION BOX
  - CABLE MANHOLE
  - DISTRIBUTION FUSE POINT
  - POLE - LIGHT
  - POLE - POWER
  - POLE - POWER & LIGHT
  - POWER SERVICE PILLAR
  - TRANSFORMER CABINET CENTRE
  - LIGHT WITH OUTREACH
  - LINE-UNDERGROUND
  - EDGE OF ELECTRICAL BANK
  - LINE-MINOR TRANSMISSION
  - LINE-MAJOR TRANSMISSION
- TRAFFIC CONTROL**
- TRAFFIC CONTROL SIGNAL
  - TRAFFIC SIGNAL CONTROLLER
  - TRAFFIC SIGNAL DETECTOR
  - TRAFFIC SIGNAL JUNCTION BOX
  - TRAFFIC LIGHT WITH OUTREACH
  - TRAFFIC SIGNAL DETECTOR
- COMMUNICATIONS**
- TELEPHONE DISTRIBUTION PILLAR
  - ABOVE GROUND JOINING POST
  - OPTICAL FIBRE JUNCTION BOX
  - OPTICAL FIBRE PIT
  - STD 1.1 m BY 1.1 m MAIN PIT
  - TELEPHONE BOX POINT
  - TELEPHONE POLE
  - TELEPHONE SINGLE CONCRETE PIT
  - TELEPHONE TRIPLE CONCRETE PIT
  - TELEPHONE TWIN CONCRETE PIT
  - COMMUNICATIONS CONDUIT
- GAS**
- MANHOLE COVER
  - METER
  - PIPELINE MARKER
  - PIPELINE MARKER - HIGH PRESSURE
  - VALVE BOX
  - VENT PIPE
  - TEST POINT
  - HIGH PRESSURE GAS PIPELINE
  - LOW PRESSURE GAS PIPELINE
- WATER**
- AIR VALVE
  - EARTH TERMINAL
  - FIRE HYDRANT
  - HYDRANT
  - METER
  - STOP VALVE
  - TAP
  - WATER HOUSE CONNECTION
  - WATER MAIN
- SEWER**
- MANHOLE COVER
  - VENT PIPE
  - LAMPHOLE
  - SEWER MAIN
  - SEWER HOUSE CONNECTION
- DRAINAGE / STORMWATER**
- DRAINAGE JUNCTION MANHOLE
  - GULLY PIT POINT
  - INLET TO SUMP
  - INVERT OF PIPE
  - TOP OF CONCRETE JUNCTION BOX
  - SUBSOIL DRAIN FLUSH POINT
  - KERB INLET
  - BOX CULVERT
  - DRAINAGE PIPE
- CULTURAL**
- SIGN POST
  - LARGE SIGN
  - BOLLARD
  - FLOOR LEVEL
  - CORNER OF BUILDING
  - PARKING METER
- MISCELLANEOUS**
- GATIC COVER LID
  - UNIDENTIFIED POLE
  - UNIDENTIFIED SERVICE PIT
  - UNIDENTIFIED SERVICE
  - PIT CHAMBER
- ABBREVIATIONS**
- IL INVERT LEVEL
  - EOP END OF PIPE
  - EOT END OF TRACE
  - EOL END OF LINE
  - EOS END OF SOND
  - NA NOT ACCESSIBLE
  - RS ROD STOP
  - PD PIT DEPTH
  - DOC DEPTH OF CHAMBER
  - FOD FULL OF DEBRIS
  - FOW FULL OF WATER
  - NPV NO PIPE VISIBLE
  - UTD UNABLE TO DEPTH
  - UTO UNABLE TO OPEN
  - UTT UNABLE TO TRACE
  - UTA UNABLE TO ACCESS
  - UTL UNABLE TO LOCATE
  - UTS UNABLE TO SOND
  - NFI NO FURTHER INFORMATION
- MATERIALS**
- AC ASBESTOS CONCRETE
  - CI CAST IRON
  - CICL CAST IRON CEMENT LINED
  - CONC CONCRETE
  - CU COPPER
  - DI CL DUCTILE IRON CEMENT LINED
  - EW EARTHENWARE
  - GI GALVANISED IRON
  - NY NYLON
  - PVC POLYVINYL CHLORIDE
  - RC REINFORCED CONCRETE
  - SGW SALT GLAZED WARE
  - SST STAINLESS STEEL
  - ST STEEL
  - VC VITRIFIED CLAY

M.G.A.



**NOTE ON AS 5488.1-2022 CLASSIFICATION OF SUBSURFACE UTILITY INVESTIGATION (SUI)**

**QUALITY LEVELS**

THIS STANDARD PROVIDES A FRAMEWORK FOR THE CLASSIFICATION OF SUBSURFACE UTILITY LOCATION AND ATTRIBUTED INFORMATION IN TERMS OF SPECIFIED QUALITY LEVELS. THE OBJECTIVE OF THIS STANDARD IS TO PROVIDE UTILITY OWNERS, OPERATORS AND LOCATORS WITH A FRAMEWORK FOR THE CONSISTENT CLASSIFICATION OF INFORMATION CONCERNING SUBSURFACE UTILITIES. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

A QUALITY LEVEL DESCRIBES THE AMOUNT AND ACCURACY OF INFORMATION THAT IS COLLECTED OR HELD ON A SUBSURFACE UTILITY.

**THERE ARE FOUR QUALITY LEVELS: D, C, B AND A**

**QUALITY LEVEL D (QL-D)** IS THE LOWEST OF THESE FOUR QUALITY LEVELS. THE ATTRIBUTE INFORMATION AND METADATA OF A SUBSURFACE UTILITY CAN BE COMPILED FROM ANY, OR A COMBINATION OF, THE FOLLOWING:

- (A) EXISTING RECORDS;
- (B) CURSORY SITE INSPECTION;
- (C) ANECDOTAL EVIDENCE

**QUALITY LEVEL C (QL-C)** IS DESCRIBED AS A SURFACE FEATURE CORRELATION OR AN INTERPRETATION OF THE APPROXIMATE LOCATION AND ATTRIBUTES OF A SUBSURFACE UTILITY ASSET USING A COMBINATION OF EXISTING RECORDS (AND/OR ANECDOTAL EVIDENCE) AND A SITE SURVEY OF VISIBLE EVIDENCE. THE MINIMUM REQUIREMENT FOR QUALITY LEVEL C IS RELATIVE SPATIAL POSITION. INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF VISIBLE UTILITY SURFACE FEATURES SUCH AS MARKER PLATES OR WATER HYDRANTS AND ACQUIRED DIAL-BEFORE-YOU-DIG PLANS TO "DRAW" A STRING WHICH SHOWS THE APPROXIMATE POSITION OF SERVICES. OTHER METHODS USED TO OBTAIN PROOF OF THE EXISTENCE OF AN UNDEFINED ENTITY THAT DO NOT UTILIZE PHYSICAL MEASUREMENT OR TRACING THAT SATISFY QUALITY LEVEL B OR QUALITY LEVEL A SPATIAL TOLERANCES (FOR EXAMPLE: GROUND PENETRATING RADAR; ACOUSTIC; PHOTOGRAPHIC; OTHER.)

**QUALITY LEVEL B (QL-B)** PROVIDES RELATIVE SUBSURFACE FEATURE LOCATION IN THREE DIMENSIONS. THE MINIMUM REQUIREMENT FOR QUALITY LEVEL B IS RELATIVE SPATIAL POSITION. INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC PIPE AND CABLE LOCATORS, SONDES OR FLEXI-TRACE, GROUND PENETRATING RADAR AND ACOUSTIC PULSE EQUIPMENT.

**QUALITY LEVEL A (QL-A)** IS THE HIGHEST QUALITY LEVEL 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. IT IS THE ONLY QUALITY LEVEL THAT DEFINES A SUBSURFACE UTILITY AS 'VALIDATED'. WHERE THE WHOLE LINE SEGMENT CANNOT BE VERIFIED BY LINE OF SIGHT, QUALITY LEVEL A SHALL NOT BE ATTRIBUTED TO THE LINE SEGMENT BETWEEN VALIDATED POINTS. THE VERTICAL INFORMATION FOR THIS LOCATING METHOD IS TO THE TOP OR SHALLOWEST PART OF THE LOCATED SERVICE.

**NOTES:**

- THIS PLAN SHOWS A REPRESENTATION OF A 3D UTILITY MODEL SYD392596-UTY-001-B.DWG. THIS MODEL SHOULD BE VIEWED IN A CAD ENVIRONMENT TO INTERPRET THE 3D INFORMATION.
- ANY ELECTRONIC FILE IS PROVIDED WITHOUT WARRANTY AND SHOULD BE USED ONLY IN CONJUNCTION WITH THE SUPPLIED PDF/PAPER COPY OF THIS PLAN.
- COPYRIGHT - © RPS AAP CONSULTING PTY LTD INFORMATION CONTAINED IN THIS DRAWING / FILE IS THE COPYRIGHT OF RPS AAP CONSULTING PTY LTD. COPYING OR USING THIS DATA IN WHOLE OR PART, IN ANY FORMAT, WITHOUT PERMISSION INFRINGES COPYRIGHT.
- DEPTH AND CLASS OF UTILITIES ARE NOTED ON LINE/POINT.
- RPS UTILITY LOCATION USE BEFORE YOU DIG AUSTRALIA (BYDA) AS ONE SOURCE OF INFORMATION ONLY WHEN LOCATING UTILITIES.
- UTILITY INFORMATION AND CONFIGURATION SUPPLIED FROM ASSET OWNERS (BYDA).
- SINGLE STRINGS MAY REPRESENT MULTIPLE CABLES, CONDUITS OR PIPES.
- ELECTRICITY CABLES ARE NOT NECESSARILY ENCLOSED IN CONDUITS AND ARE NOT NECESSARILY COVERED WITH MARKERS, TAPE OR OTHER INDICATORS OF THEIR PRESENCE.
- NOT ALL HOUSE CONNECTIONS HAVE BEEN LOCATED.
- IT REMAINS THE RESPONSIBILITY OF THE COMPANY AND/OR THE INDIVIDUAL CONDUCTING PHYSICAL WORKS TO ENSURE AN UP-TO-DATE VERSION OF BEFORE YOU DIG AUSTRALIA (BYDA) PLANS IS CONSULTED AND AVAILABLE ON SITE. PHYSICAL WORKS MAY INCLUDE, BUT NOT BE LIMITED TO, EXCAVATING, BORING (HORIZONTAL AND VERTICAL), AND DRILLING.
- WHERE POSSIBLE IN THE FIELD, DEPTHS FROM GROUND SURFACE TO INDIVIDUAL SERVICES WERE OBTAINED AND RECORDED. THE DEPTH IS SHOWN AS TEXTURAL NOTATION. HENCE, THE ATTRIBUTE "0.58A" INDICATES A DEPTH TO THE UTILITY OF 580mm AT QUALITY LEVEL 'A'.
- THIS SURVEY IS ON MGA84 COORDINATES. LEVELS BASED ON AUSTRALIAN HEIGHT DATUM (AHD).

**DISCLAIMER:**

THIS SURVEY MODEL INCLUDES INFORMATION DESCRIBING THE LOCATION OF SUBTERRANEAN FEATURES WHICH WERE PURPORTED TO EXIST AT THE TIME OF SURVEY AS SUPPLIED BY BEFORE YOU DIG AUSTRALIA.

THIS INFORMATION IS WAS COMPILED FROM COOPERATING UTILITY AUTHORITIES. WHILST ALL CARE HAS BEEN TAKEN IN THE PREPARATION OF THIS SURVEY MODEL, RPS CANNOT GUARANTEE THAT THE SURVEY MODEL IS WITHOUT FLAW OR OMISSIONS. RPS CANNOT TAKE RESPONSIBILITY OF ANY KIND WHATSOEVER FOR ANY LOSS, DAMAGE OR OTHER CONSEQUENCES WHICH MAY ARISE FROM ANY PERSON RELYING ON ANY THING STATED ON THIS PLAN.

IN PARTICULAR, IT IS RECOMMENDED THAT USERS SATISFY THEMSELVES AS TO THE LOCATION OF SUBTERRANEAN FEATURES SUCH AS UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON THE PLAN.

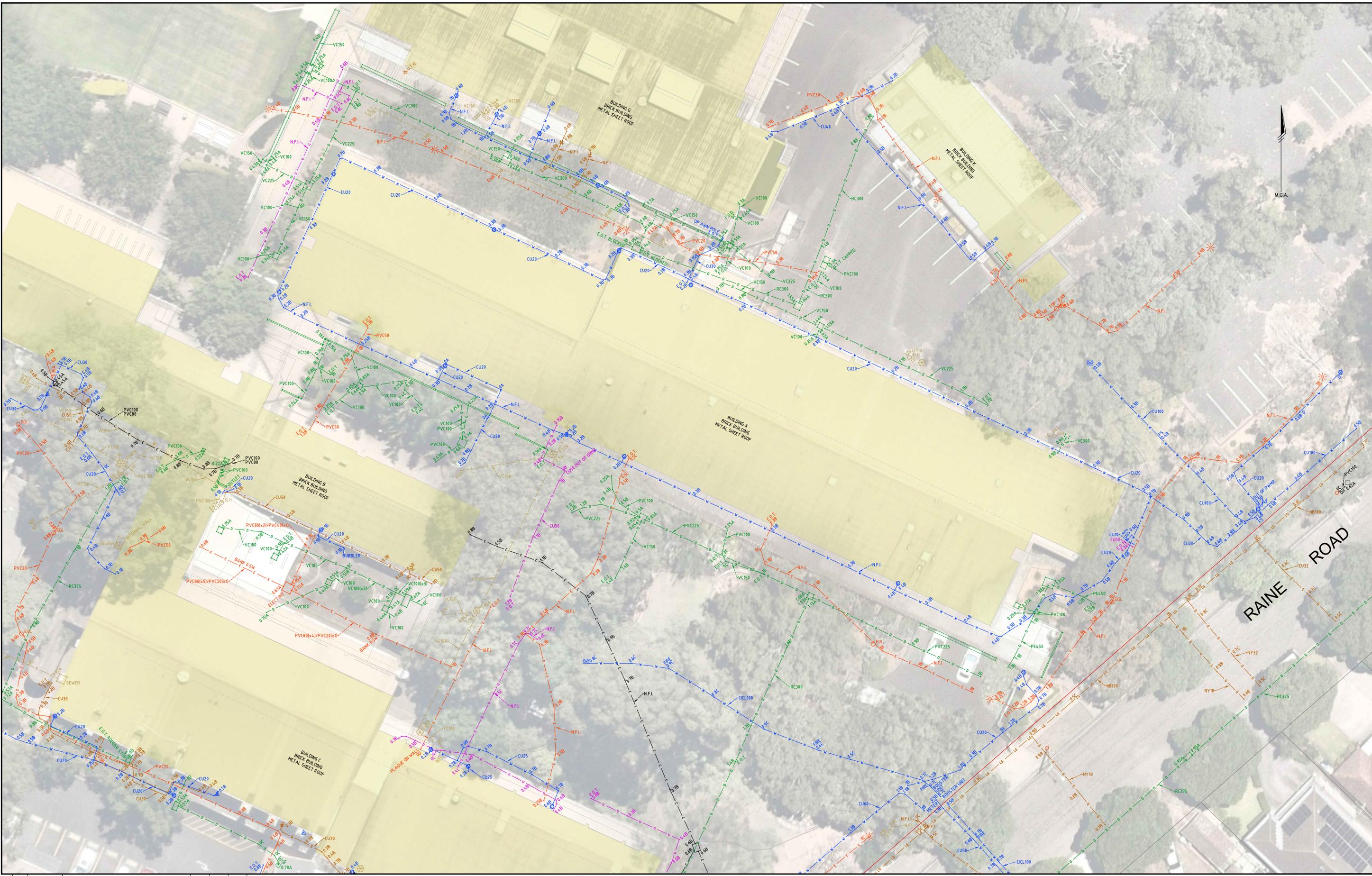
No.	DATE	REVISION DETAILS	DRAWN	CHK	APP
B	27.05.2025	SURVEY ADDED	LMB	TC	GE
A	1.04.2025	INITIAL ISSUE	LMB	TC	GE

HORIZ. SCALE:	1:800 @ A1	VERT. SCALE:	@ A1
COORDINATES:	MGA 94	DATUM:	AHD
ORIGIN:SSM	84556	ORIGIN:SSM	94556

LEGEND AND EXPLANATORY NOTES ON SHEET 1 ARE APPLICABLE TO ALL SHEETS ON THIS PLAN

CLIENT:		Capital Insight Pty Limited	
SURVEY:	RPS	DATE OF SURVEY:	MAR 2025
DRAWN:	LMB	DATE OF PLAN:	1.04.2025
CHECKED:	TC	DATE LAST SAVED:	27.05.2025
APPROVED:	GE	DATE APPROVED:	1.04.2025

TITLE		UTILITY SURVEY BUILDING A, PADSTOW TAFE RAINE ROAD, PADSTOW NSW	
JOB No	SYD392596	ISSUE	B
DRAWING No		SYD392596-UT-001	
SHEET 1 OF 3 SHEETS		SIZE A1	



REVISIONS	No.	DATE	REVISION DETAILS	DRAWN	CHK	APP
	B	27.05.2025	SURVEY ADDED	LMB	TC	GE
	A	1.04.2025	INITIAL ISSUE	LMB	TC	GE

HORIZ. SCALE: 1:200 @ A1  
 VERT. SCALE: @ A1  
 COORDINATES: MGA 94  
 DATUM: AHD  
 ORIGIN: SSM 84556  
 ORIGIN: SSM 94556  
 SCALE IN METRES AT ORIGINAL REDUCTION RATIO

LEGEND AND EXPLANATORY NOTES ON SHEET 1 ARE APPLICABLE TO ALL SHEETS ON THIS PLAN

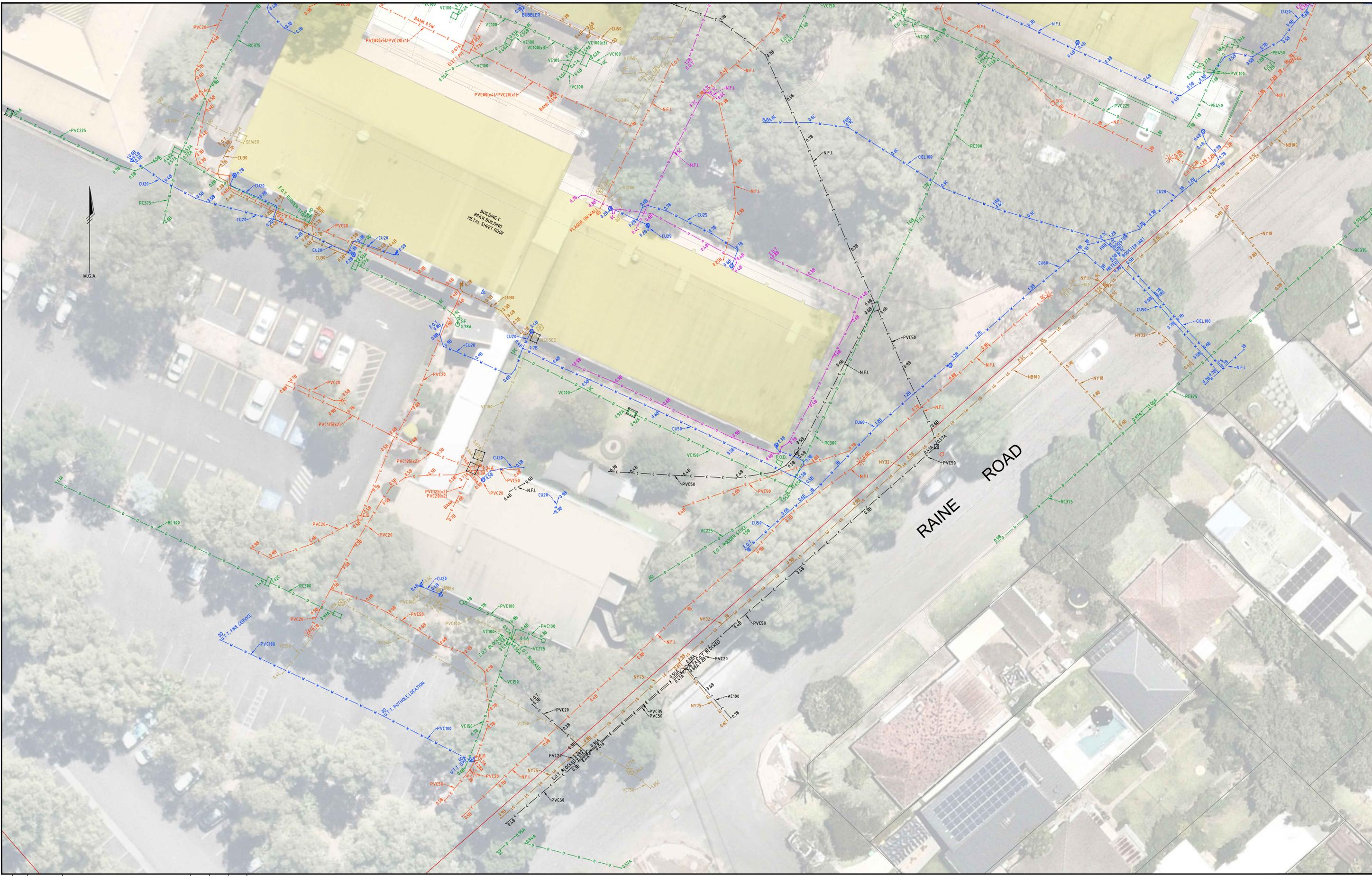
**DRAFT**

CLIENT: Capital Insight Pty Limited  
 SURVEY: RPS  
 DRAWN: LMB  
 CHECKED: TC  
 APPROVED: GE  
 DATE OF SURVEY: MAR 2025  
 DATE OF PLAN: 1.04.2025  
 DATE LAST SAVED: 27.05.2025  
 DATE APPROVED: 1.04.2025

TITLE: UTILITY SURVEY  
 BUILDING A, PADSTOW TAFE  
 RAINE ROAD, PADSTOW NSW  
 DRAWING No: SYD392596-UT-001

JOB No: SYD392596  
 SHEET 2 OF 3 SHEETS  
 ISSUE: B  
 SIZE: A1  
 MAKE IT COMPLEX EASY

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NO.	DATE	REVISION DETAILS	DRAWN	CHK	APP
B	27.05.2025	SURVEY ADDED	LMB	TC	GE
A	1.04.2025	INITIAL ISSUE	LMB	TC	GE

■ HORIZ. SCALE: 1:200 @ A1  
 ■ VERT. SCALE: @ A1  
 ■ COORDINATES: MGA 94  
 ■ DATUM: AHD  
 ■ ORIGIN: SSM 84556  
 ■ ORIGIN: SSM 94556  
 SCALE IN METRES AT ORIGINAL REDUCTION RATIO

■ NOTES  
 LEGEND AND EXPLANATORY NOTES ON SHEET 1 ARE APPLICABLE TO ALL SHEETS ON THIS PLAN

**DRAFT**

■ CLIENT: Capital Insight Pty Limited  
 ■ SURVEY: RPS  
 ■ DRAWN: LMB  
 ■ CHECKED: TC  
 ■ APPROVED: GE  
 DATE OF SURVEY: MAR 2025  
 DATE OF PLAN: 1.04.2025  
 DATE LAST SAVED: 27.05.2025  
 DATE APPROVED: 1.04.2025

■ TITLE: UTILITY SURVEY  
 BUILDING A, PADSTOW TAFE  
 RAINE ROAD, PADSTOW NSW  
 ■ DRAWING No: SYD392596-UT-001

■ JOB No: SYD392596  
 ■ ISSUE: B  
 SHEET 3 OF 3 SHEETS  
 ■ SIZE: A1  
 ■ MAKE IT COMPLEX EASY