

HICKSON ROAD, BARANGAROO

STREETLIGHTING UPGRADE

LIGHTING & ELECTRICAL PACKAGE

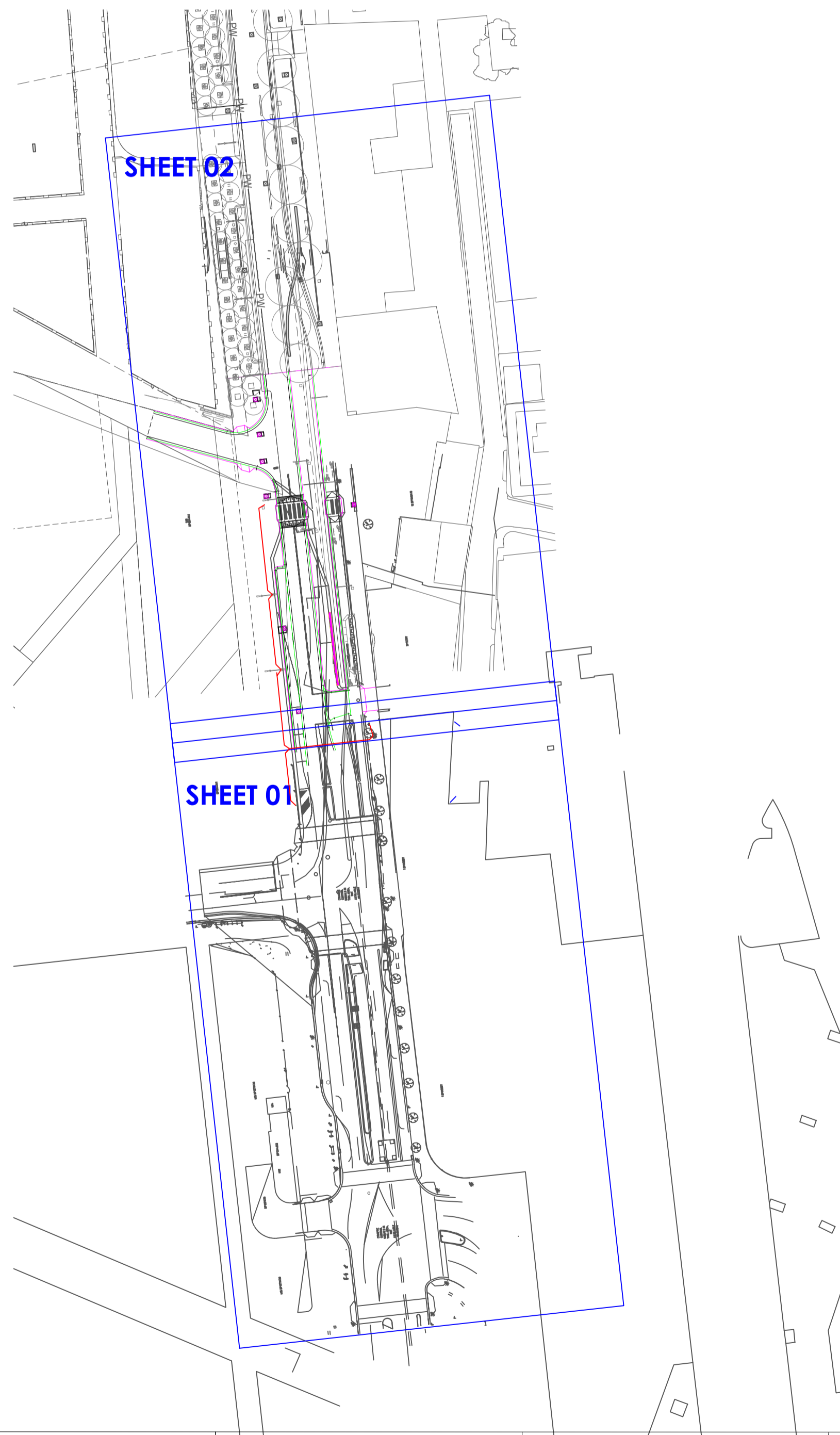
SCALE
1:1000@A1

LIGHTING LEGEND

SYMBOL	DESCRIPTION	HOUSING/COLOUR	LAMP	CONTROL GEAR	SUPPLIER	PRODUCT No.
SL1	NEW CoS LIGHT NEW 60W ROADFLAIR 1.5m OUTREACH, 6m MOUNTING HEIGHT, FIXED TO NEW SL2 POLE.	STANDARD	60W 4000K	INTEGRAL CONTROL GEAR	SIGNIFY	BRF593 LED76 840 60W DWV SR P71 SR8 ANZ
SL2	NEW CoS LIGHT AND POLE NEW 125W ROADFLAIR + CoS SMART POLE 3m OUTREACH, 9m MOUNTING HEIGHT	STANDARD	125W 4000K	INTEGRAL CONTROL GEAR	SIGNIFY	BRF593 LED192 840 125W DWV SR P71 SR8 ANZ
SL3	REPLACE [LIGHT ONLY] NEW 125W ROADFLAIR EXISTING POLE, EXISTING BRACKET	STANDARD	125W 4000K	INTEGRAL CONTROL GEAR	SIGNIFY	BRF593 LED192 840 125W DWV SR P71 SR8 ANZ
EX1	EXISTING CoS LIGHT AND POLE NEW 160W R250 ECO + CoS SMART POLE 3m OUTREACH, 9m MOUNTING HEIGHT	STANDARD	160W 4000K	INTEGRAL CONTROL GEAR	-	-
EX2	EXISTING CoS COLUMN	-	-	-	-	-
SL4	NEW CoS COLUMN NEW 18W SIGNIFY TOWN TUNE	STANDARD	18W 4000K	INTEGRAL CONTROL GEAR	SIGNIFY	BDP265 T25 SR LED27-4S
FL1	FIXED TO NEW COLUMN [SL2] NEW 110W SASTALED	STANDARD	110W 4000K	INTEGRAL CONTROL GEAR	SYLVANIA-SCHREDER	110W SASTALED 180440PH

POWER LEGEND

SYMBOL	DESCRIPTION	HOUSING/COLOUR	SUPPLIER
⊞	EXISTING MAIN SWITCH BOARD REFER SINGLE LINE DIAGRAM	316 STAINLESS STEEL	RELEC
COMM	PRIVATE LIGHTING HD COMMUNICATIONS CONDUITS 3x630 COMMS REFER LAYOUTS FOR OTHER QUANTITIES & SIZES	BLUE	-
ELEC	PRIVATE LIGHTING HD ELEC CONDUITS 3x500 HD ELEC REFER LAYOUTS FOR OTHER QUANTITIES & SIZES	RED	-
□	SHARED COMMUNICATIONS & ELECTRICAL PIT CLASS D WITH PAVING INFILL LID 600 x 600	PAVING INFILL LID	MASCOT ENGINEERING MFD66



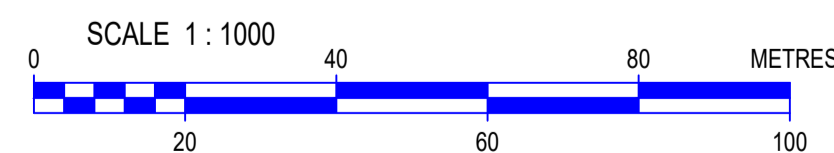
SCOPE OF WORKS

THE WORKS SHALL INCLUDE BUT IS NOT LIMITED TO THE PROVISION OF THE FOLLOWING:

- COORDINATION AND LIAISON WITH AUTHORITIES AND PAYMENT OF ALL RELEVANT FEES
- MODIFICATION TO EXISTING MAIN SWITCHBOARD
- LUMINAIRES AND POLES (NEW PER THIS SET OF DOCUMENTATION AND CoS TECHNICAL SPECIFICATION)
- LIGHT POLE LABELLING
- PIT AND CONDUIT SYSTEM
- EARTHING
- TESTING AND COMMISSIONING
- LABELLING
- SAMPLE SUBMISSION
- AS-BUILT DOCUMENTATION
- 52 WEEKS DEFECT LIABILITY PERIOD AND WARRANTY

SPECIFICATION

- ELECTRICAL SERVICES DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANT DRAWINGS AND ALSO THE CITY OF SYDNEY AS & B8 TECHNICAL SPECIFICATIONS.
- FOR ANY DISCREPANCY SHOWN ON THE ELECTRICAL SERVICES DRAWINGS THE CONTRACTOR SHALL ALLOW FOR THE LARGER/GREATER. ALL DISCREPANCIES ON THE ELECTRICAL SERVICES DRAWINGS SHALL BE REFERRED TO THE SUPERINTENDENT BEFORE PROCEEDING WITH THE WORKS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT S.A.A CODES AND BY LAWS AND ORDINANCES OF THE RELEVANT AUTHORITY HAVING JURISDICTION. THE ELECTRICAL INSTALLATION SHALL COMPLY WITH NSW SERVICE AND INSTALLATION RULES AS3000, AS3008, AS3439, AS2293, AS3080, AS3084, AS/ACIF 3008, AS/ACIF 3009 AND THE NATIONAL CONSTRUCTION CODE. SWITCHBOARDS CIRCUIT BREAKERS SHALL BE TESTED FOR SAFE OPERATION PRIOR TO CONNECTION OF ELECTRICAL EQUIPMENT AND ACCESSORIES. ALL TEMPORARY CONNECTIONS FOR CONSTRUCTION PURPOSES SHALL BE PROVIDED WITH 30mA RESIDUAL CURRENT DEVICE.
- ALL DIMENSIONS SHALL BE CONFIRMED ON SITE. ENGINEER'S DRAWINGS MUST NOT BE SCALED.
- ANY EQUIPMENT SUBSTITUTION NOMINATED IN THE TENDER SUBMISSION MUST BE APPROVED BY THE SUPERINTENDENT. ADDITIONAL CHARGES MAY APPLY FOR ASSESSMENT ASSOCIATED WITH THE ALTERNATIVE(S).
- THE EXTENT OF THE WORKS IS SHOWN IN GENERAL TERMS ONLY. THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL WORKS OBVIOUSLY REQUIRED TO COMPLETE THE ELECTRICAL INSTALLATION IN ACCORDANCE WITH AS3000 WIRING RULES AND AUTHORITIES HAVING JURISDICTION WHETHER INDICATED IN DETAIL OR NOT ON THE ELECTRICAL SERVICES DRAWINGS.
- TENDERS SHALL INSPECT THE SITE, EXAMINE CONSTRUCTION AND ELECTRICAL DRAWINGS. MAKE ANY FIELD SURVEY NECESSARY FOR PROPER PLANNING AND EXECUTION OF THE WORK. NO PRICE VARIATION OR EXTENSION OF TIME WILL BE ALLOWED ON THE GROUNDS OF LACK OF SITE KNOWLEDGE, UNSEEN DIFFICULTIES OR PROVISION OF INSUFFICIENT INFORMATION DURING THE TENDER PERIOD.
- THE LOCATION SHOWN ON DRAWINGS OF LIGHTS AND OTHER EQUIPMENT ARE INDICATIVE ONLY. BEFORE FINAL INSTALLATION THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EQUIPMENT ON SITE. THE RELOCATION OF EQUIPMENT AND OUTLETS BEFORE INSTALLATION UP TO 2m SHALL NOT GIVE RISE TO A VARIATION.
- INSTALL NEW MAIN SWITCHBOARD TO REPLACE EXISTING & RECONNECT EXISTING SUBCIRCUITS TO THE NEW SWITCHBOARD
- INSTALL NEW Ø63mm ELECTRICAL CONDUITS AS SHOWN ON THIS SET OF DOCUMENTATION.
- INSTALL NEW Ø50mm COMMUNICATIONS CONDUITS AS SHOWN ON THIS SET OF DOCUMENTATION.
- SUPPLY AND INSTALL 4c+E 16mm²XLPE CABLE TO SUPPLY NEW POLES AS SHOWN. REFER TO **EL-101 AND EL-102 ELECTRICAL LAYOUT DWG AND EL-112 SINGLE LINE DIAGRAM DWG**.
- PROVIDE DEDICATED RCD PROTECTION FOR ALL LIGHTING CIRCUITS.
- EARTH CABLE SHALL BE CONNECTED TO THE EARTH STUD INSIDE THE POLE.
- CLOUR AND FINISH OF LIGHTS SHALL BE PER THE CoS TECHNICAL SPECIFICATION.
- POLE DETAILS:
- REFER TO **EL-XXX AND EL-XXX** AND CoS TECHNICAL SPECIFICATION.
- POWER CABLES SHALL HAVE STRANDED COPPER CONDUCTORS AND BE INSTALLED IN ACCORDANCE WITH AS3008 REQUIREMENTS.
- POWER CABLING AND EXTRA LOW VOLTAGE CABLING (COMMUNICATIONS, MATV, CCTV, ACCESS CONTROL, INTERCOM) SHALL BE SEPARATED BY AT LEAST 50mm OR SEGREGATED BY A DURABLE BARRIER.
- ANY SHUTDOWN OF EXISTING SERVICES SHALL BE ADVISED TO THE SUPERINTENDENT IN WRITING AT LEAST 7 DAYS PRIOR TO THE PROPOSED SHUTDOWN. BEFORE THE SHUTDOWN IS TO PROCEED OBTAIN WRITTEN PERMISSION FROM THE SUPERINTENDENT.
- THE CONTRACTOR SHALL PROVIDE FOR ALL PENETRATIONS AND REQUIRED FIRE SEALING AFTER INSTALLATION OF ALL CABLING. CERTIFY THE FIRE SEALINGS OF PENETRATIONS.
- LIAISE WITH OTHER TRADES TO INSTALL EQUIPMENT TO BEST ADVANTAGE TO AVOID REWORK. NO VARIATION WILL BE ALLOWED FOR FAILURE TO COORDINATE WITH OTHER TRADES ON SITE.



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	#####			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2, AND 3, HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE LOCATIONS OF CABLING, ELECTRICAL ELEMENT AND LUMINAIRES SHOWN MAY BE VARIED. SUBJECT TO SITE CONDITIONS ENCOUNTERED DURING INSTALLATION.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

Level 3, Suite D/668-672 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 92988648 Email Address: STEVE.LUO@DEPCONS.COM

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 8216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 406 Kent Street, Sydney NSW 2000
TEL: +61 2 9205 9333 Email Address: publicinquiry@cityofsydney.nsw.gov.au

PROJECT:

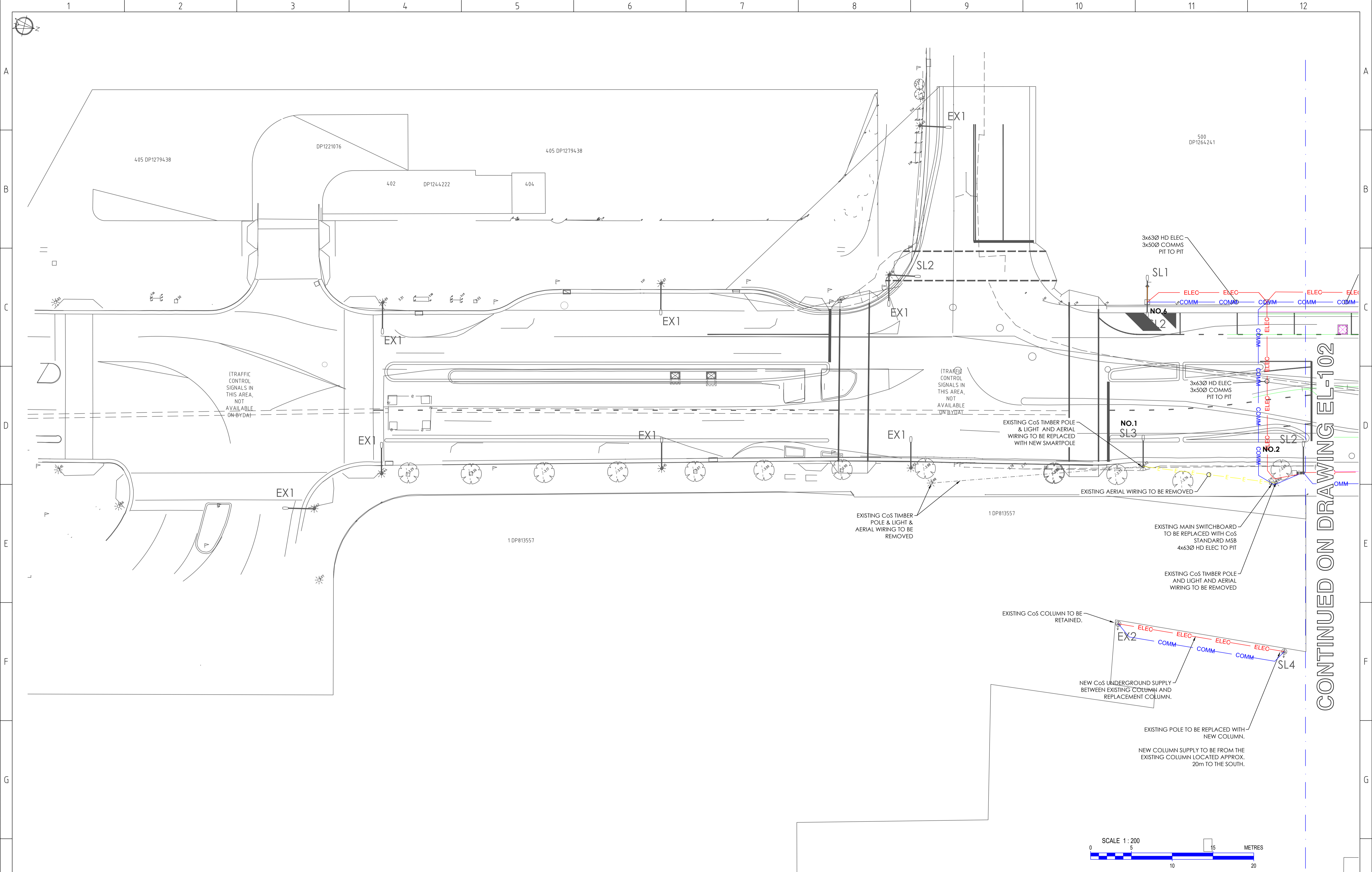
HICKSON ROAD STAGE 3
HICKSON ROAD, BARANGAROO NSW 2000

PROJECT NO: 1458
SCALE: 1:500
MAP REF: B1D-CD2-200040-200046
DRAWN BY: R Dahal
CHECKED BY: S Luo

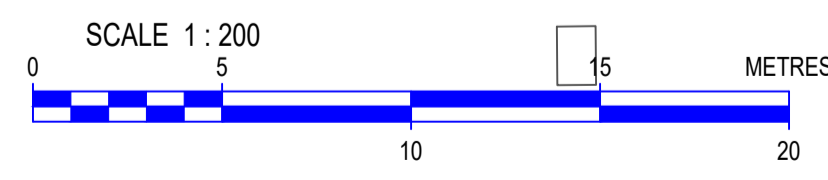
REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL

COVER PAGE

DRAWING NO: 1458-E **SHEET NO:** 001
DATE PRINTED: 11/10/2025 **DESIGNED BY:** S Luo

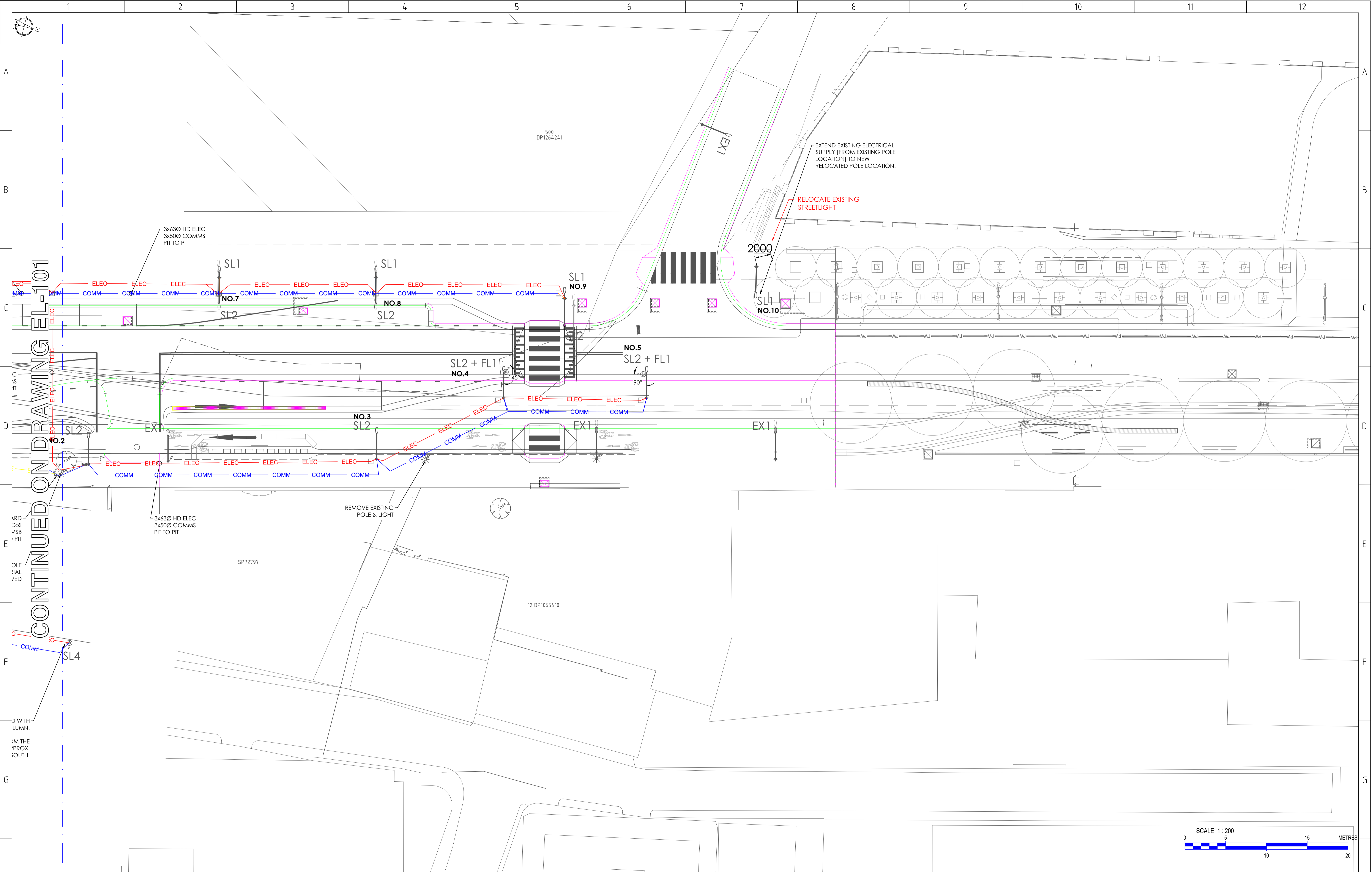


CONTINUED ON DRAWING EL-102

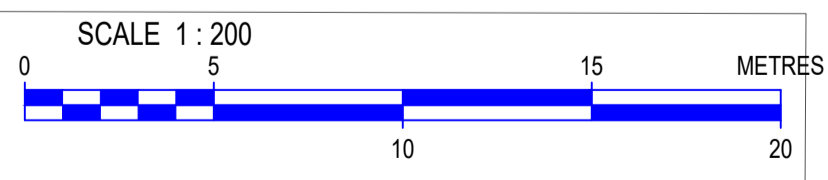


REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	ISSUE FOR APPROVAL	13/10/25			

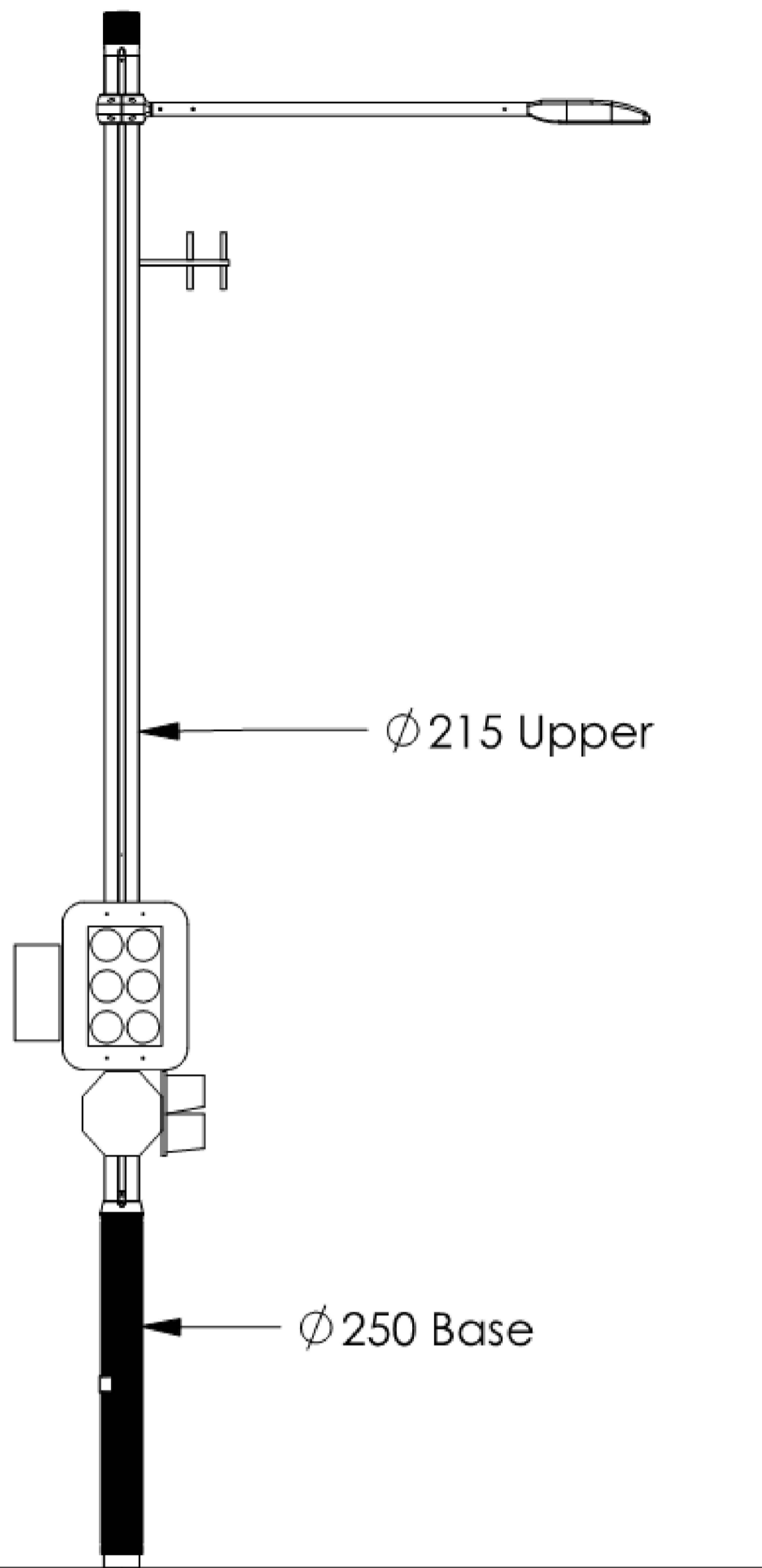
DISCLAIMER: 1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE, SUPERFICIAL HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2, AND 3, HEREOF. 2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE LOCATIONS OF CABLES, ELECTRICAL ELEMENTS AND LUMINAIRES SHOWN MAY BE VARIED, SUBJECT TO SITE CONDITIONS ENCOUNTERED DURING INSTALLATION. 3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.		ASPS DESIGNER: <small>Level 3, Suite D1658-672 Old Prices Hwy, Suburbland NSW 2232 TEL: +61 2 93588848 Email Address: STEVE.LUO@DEPCONS.COM</small>	CLIENT: <small>Level 27/201 Kent St, Sydney NSW 2000 TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au</small>	AUTHORITY: <small>Level 2, 456 Kent Street, Sydney, NSW 2000 TEL: +61 2 9205 9333 Email Address: publicworks@cityofsydney.nsw.gov.au</small>	PROJECT: HICKSON ROAD STAGE 3 HICKSON ROAD, BARANGAROO NSW 2000 CERTIFICATION NO: TBC PROJECT DA: TBC	PROJECT NO: 1458 SCALE: 1:200 MAP REF: B1D-CD2-200040-200046 DRAWN BY: R Dahal CHECKED BY: S Luo LIGHTING DESIGN: L153U085-BID-ED2-00 [T4] PAGE NO: 2	REVISION 00 SHEET ON A1 ISSUE SUBMISSION TO COUNCIL DRAWING TITLE LIGHTING AND ELECTRICAL LAYOUT SHEET 1 DRAWING NO: 1458-E DATE PRINTED: 11/10/2025 SHEET NO: 002 DESIGNED BY: S Luo
---	--	--	--	---	--	--	---



CONTINUED ON DRAWING EL-101



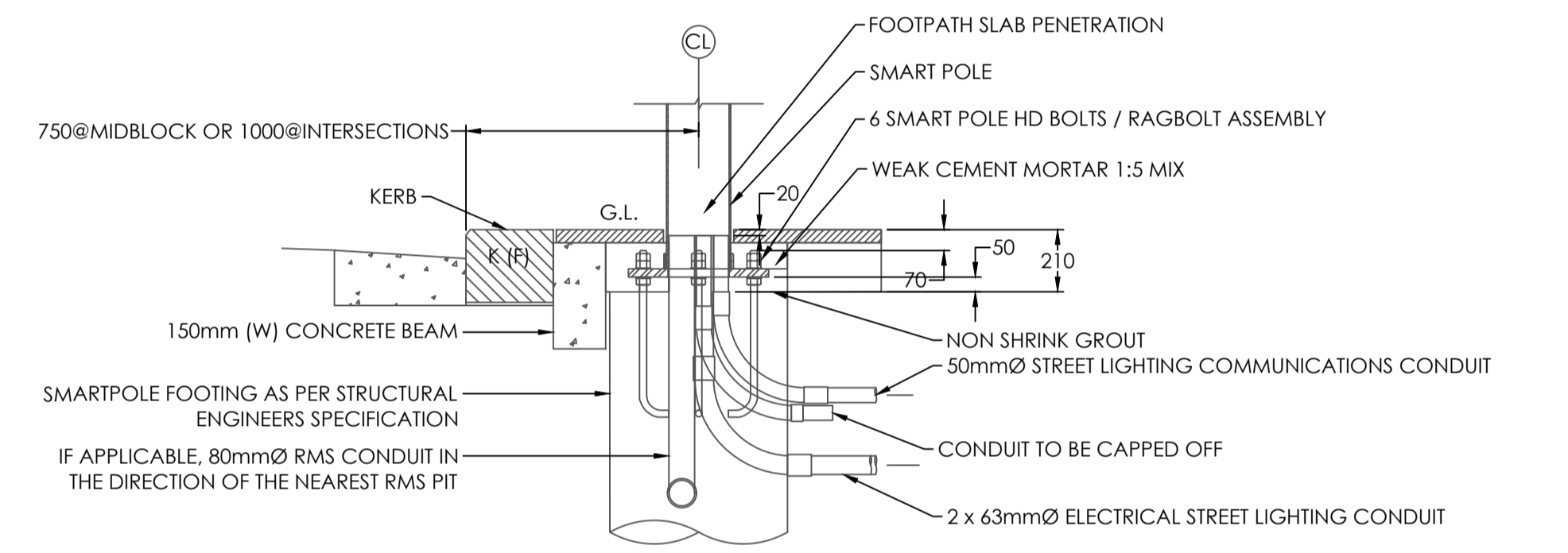
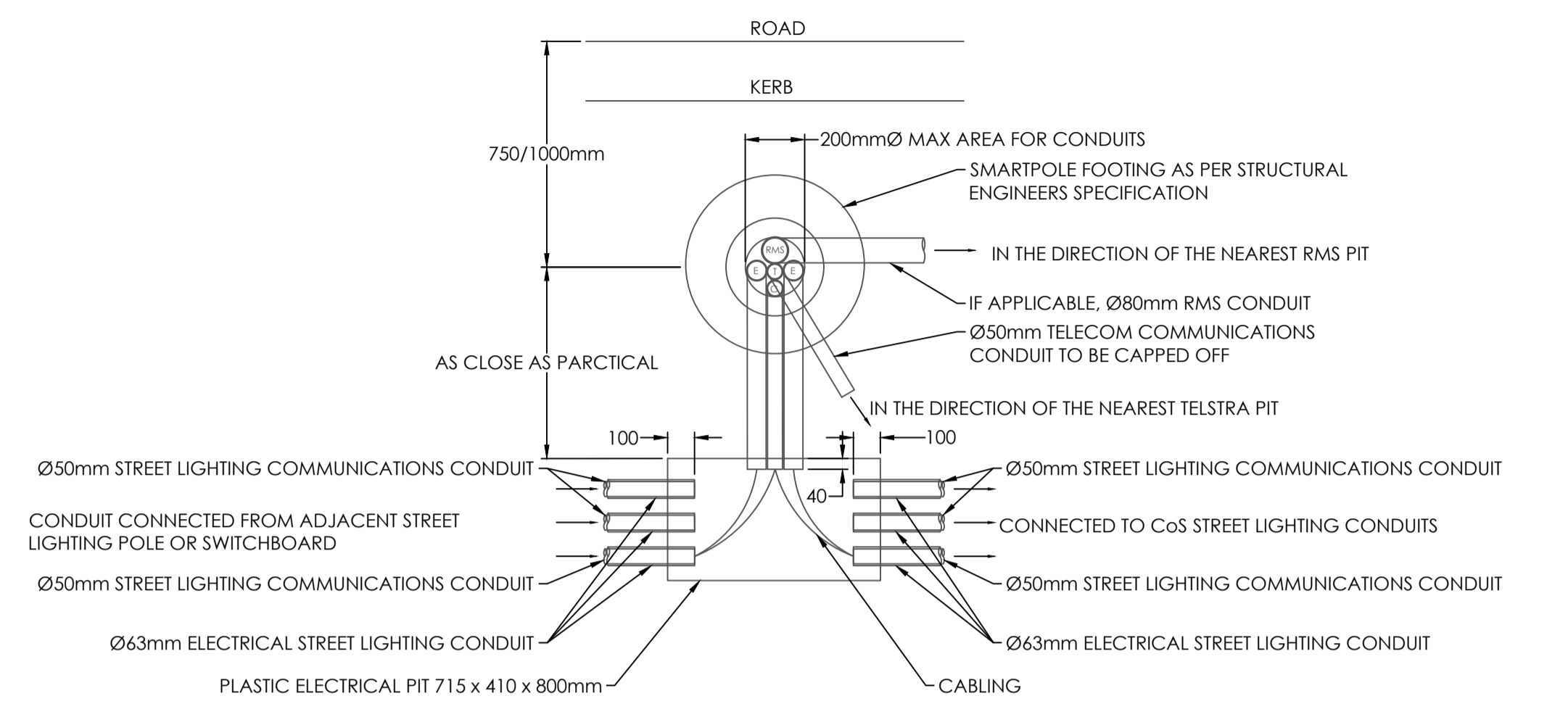
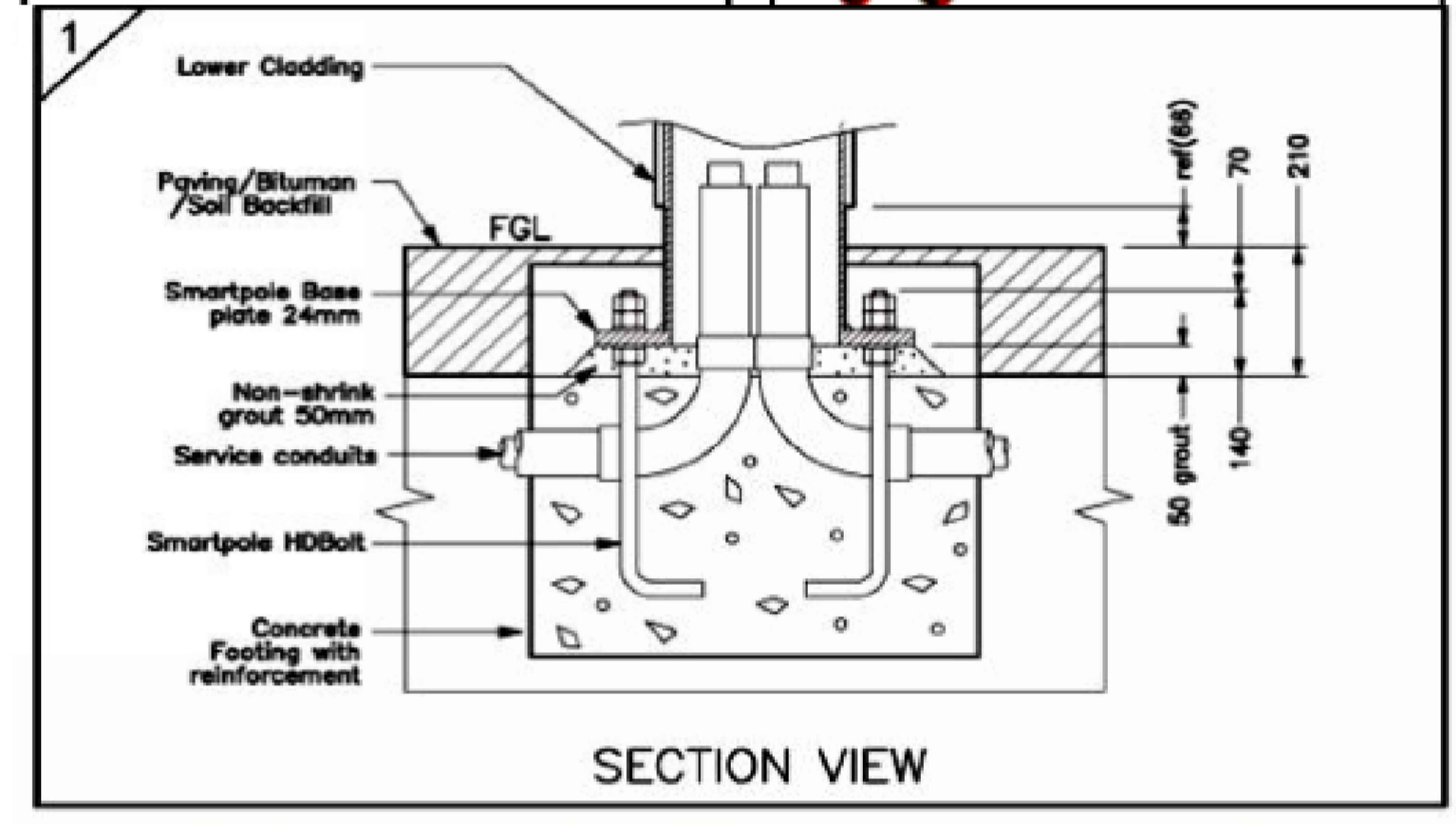
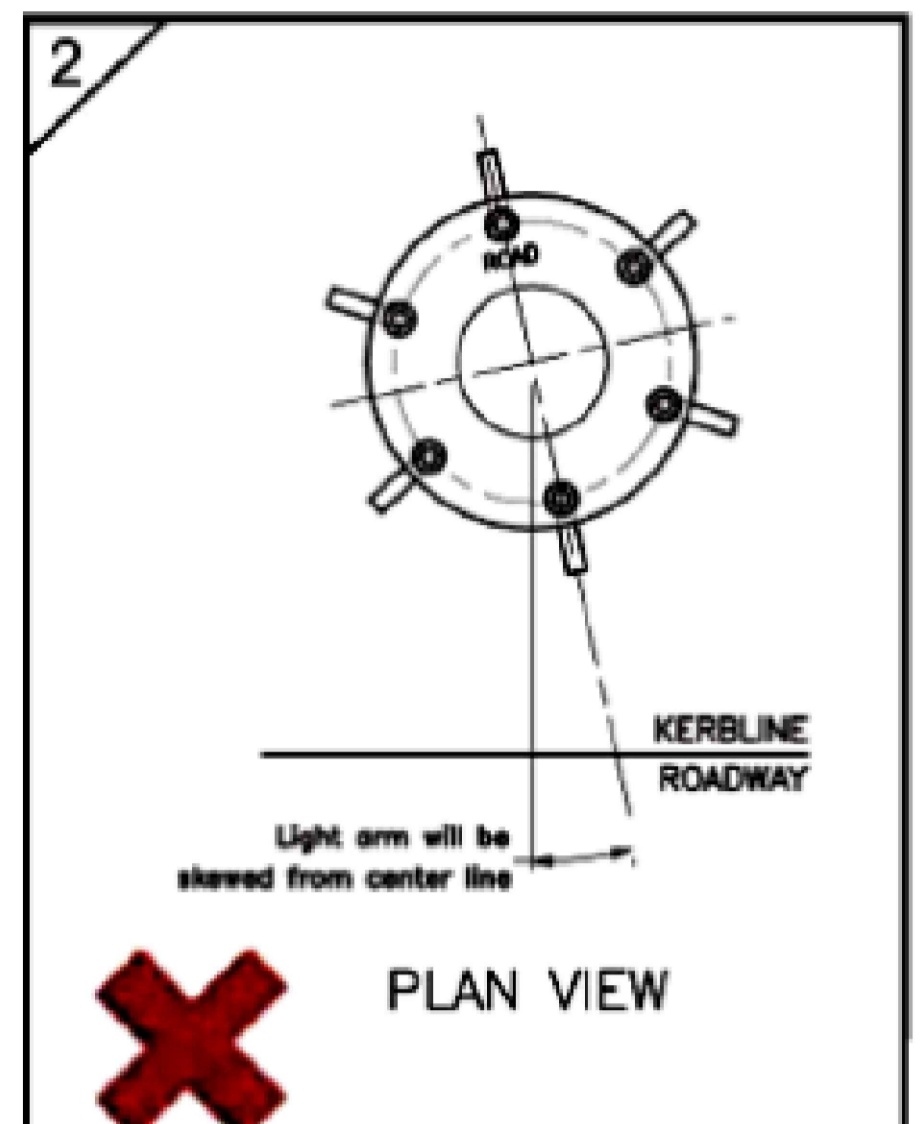
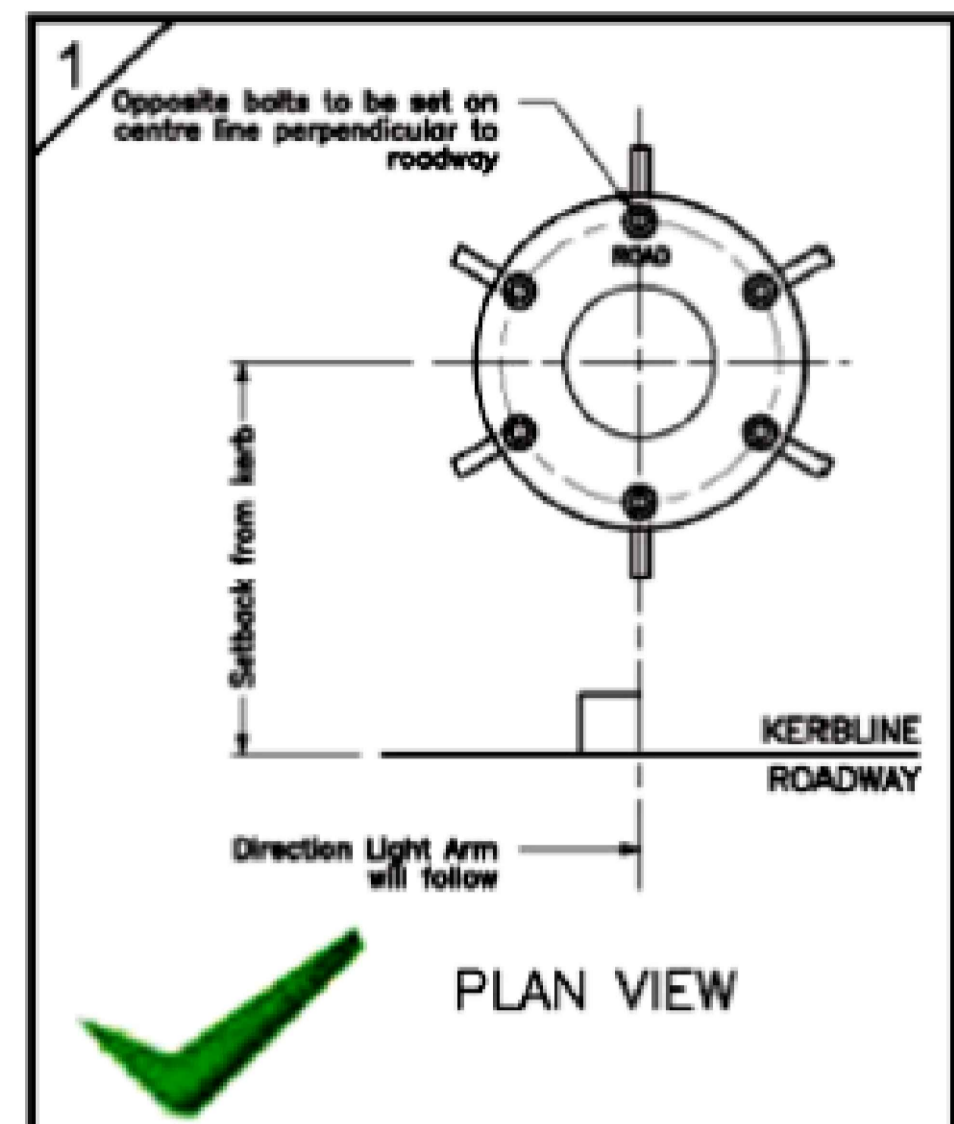
REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	DISCLAIMER:	ASP3 DESIGNER:	CLIENT:	AUTHORITY:	PROJECT:	PROJECT NO:	REVISION	SHEET ON	ISSUE		
00	ISSUE FOR APPROVAL	13/10/25				1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2, AND 3, HEREOF. 2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE LOCATIONS OF CABLING, ELECTRICAL ELEMENT AND LUMINAIRES SHOWN MAY BE VARIED, SUBJECT TO SITE CONDITIONS ENCOUNTERED DURING INSTALLATION. 3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.	 <small>Level 3, Suite D068/472 Old Princes Hwy, Subiaco NSW 2232 TEL: +61 2 9216 5700 Email Address: STEVE.LUO@DEPCONS.COM</small>	 <small>Level 27/201 Kent St, Sydney NSW 2000 TEL: +61 2 9216 5700 Email Address: info@infrastructure.nsw.gov.au</small>	 <small>Level 2, 456 Kent Street, Sydney, NSW 2000 TEL: +61 2 9205 9333 Email Address: publicdomain@cityofsydney.nsw.gov.au</small>	HICKSON ROAD STAGE 3 HICKSON ROAD, BARANGAROO NSW 2000	1458	00	A1	SUBMISSION TO COUNCIL		
											DRAWING TITLE		DRAWING NO:		SHEET NO:	
											LIGHTING AND ELECTRICAL LAYOUT		1458-E		003	
											SHEET 2		DATE PRINTED:		DESIGNED BY:	
											L153U085-BID-ED2-00 [T4]		11/10/2025		S Luo	
											PAGE NO:					
											3					



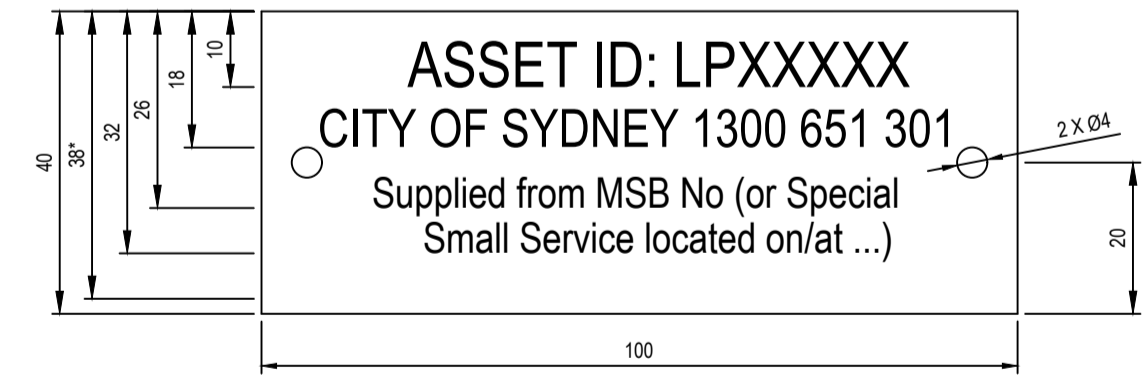
S1B 9.6m
CoS Type B

Estimated Total Load Weight: 380 kg

Weight includes: Pole + LOR + Luminaire +
2-Off 6 Aspect Traffic Lanterns + Pedestrian Lantern +
Sundries (incl. termination boards, fixings, signage & brackets)



03 CONDUIT ARRANGEMENT AT BASE OF POLE
REFER TO CoS TECHNICAL SPECIFICATION DOCUMENT FOR FURTHER DETAILS



04 SMART POLE ID PLATE
NOTES: 1) * DENOTES SPACE FOR THE 5TH LINE OF TEXT
2) ARIAL NARROW 6mm HIGH FOR THE FIRST LINE OF TEXT.
3) ARIAL NARROW 5mm HIGH FOR THE SECOND LINE OF TEXT.
4) ARIAL NARROW 4mm HIGH FOR THE THIRD LINE OF TEXT.
5) MATERIAL IS ALUMINIUM 0.8mm THICK.
6) PLATE IS FITTED WITH 2 STAINLESS STEEL RIVETS OR
7) SELF DRILLING SCREWS.
8) TEXT TO BE ENGRAVED.

01 TYPE S11 STREET LIGHTING POLE DETAIL - PER CoS STREETS TECHNICAL SPECIFICATION
N.T.S - PDF EXTRACT FROM CoS TECHNICAL SPECIFICATION.
REFER TO CoS TECHNICAL SPECIFICATION DOCUMENT PRIOR TO FABRICATION
PROVIDE SHOP DRAWINGS FOR CoS APPROVAL PRIOR TO FABRICATION

02 SMART POLE HDBOLT SETUP
N.T.S - PDF EXTRACT FROM CoS TECHNICAL SPECIFICATION.
REFER TO CoS TECHNICAL SPECIFICATION DOCUMENT FOR FURTHER INFORMATION

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	ISSUE FOR APPROVAL	13/10/25			

DISCLAIMER:
1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION, DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2, AND 3, HEREOF.
2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE LOCATIONS OF CABLING, ELECTRICAL ELEMENT AND LUMINAIRES SHOWN MAY BE VARIED, SUBJECT TO SITE CONDITIONS ENCOUNTERED DURING INSTALLATION.
3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:
dep
CONSULTING
Level 3, Suite D1056-672 Old Prices Hwy, Subiaco NSW 2232
TEL: +61 2 9358 8848 Email Address: STEVE.LUO@DEPCONS.COM

CLIENT:
in sw
Infrastructure
New South Wales
Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:
CITY OF SYDNEY
Level 2, 406 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: publicinquiries@cityofsydney.nsw.gov.au

PROJECT:
HICKSON ROAD STAGE 3
HICKSON ROAD, BARANGAROO NSW 2000

PROJECT NO: 1458
SCALE: 1:500
MAP REF: B1D-CD2-200040-200046
DRAWN BY: R Dahal
CHECKED BY: S Luo
LIGHTING DESIGN: L153U085-BID-ED2-00 [T4]
PAGE NO: 4

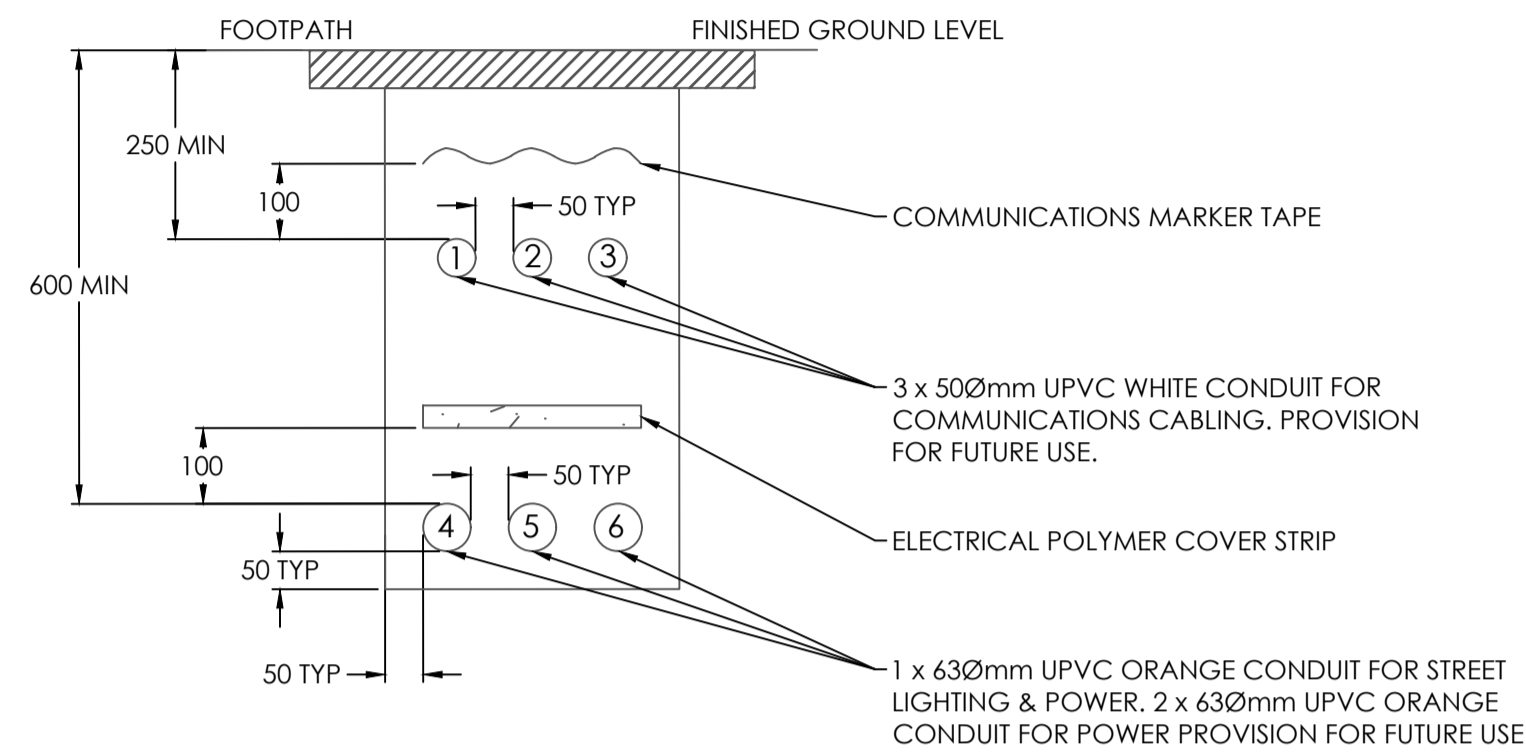
REVISION	SHEET ON	ISSUE
00	A1	SUBMISSION TO COUNCIL

DRAWING TITLE
DETAIL SHEET 01
SMART POLE LIGHTING DETAIL

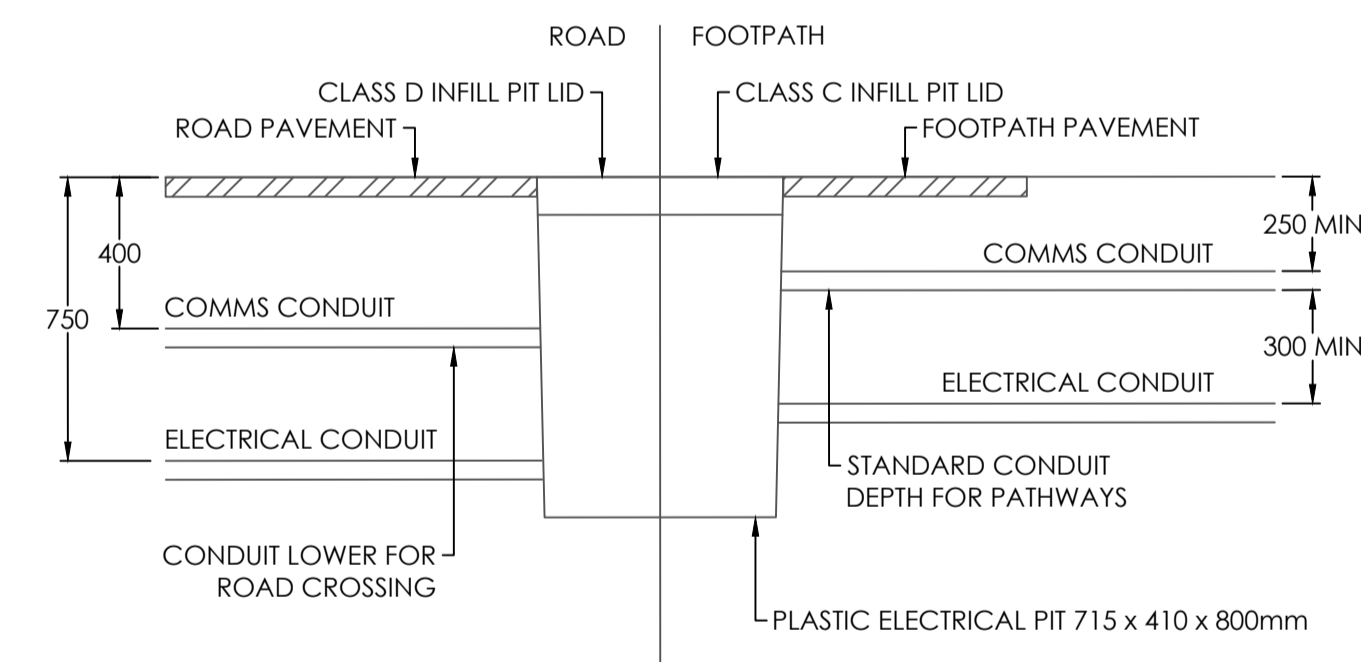
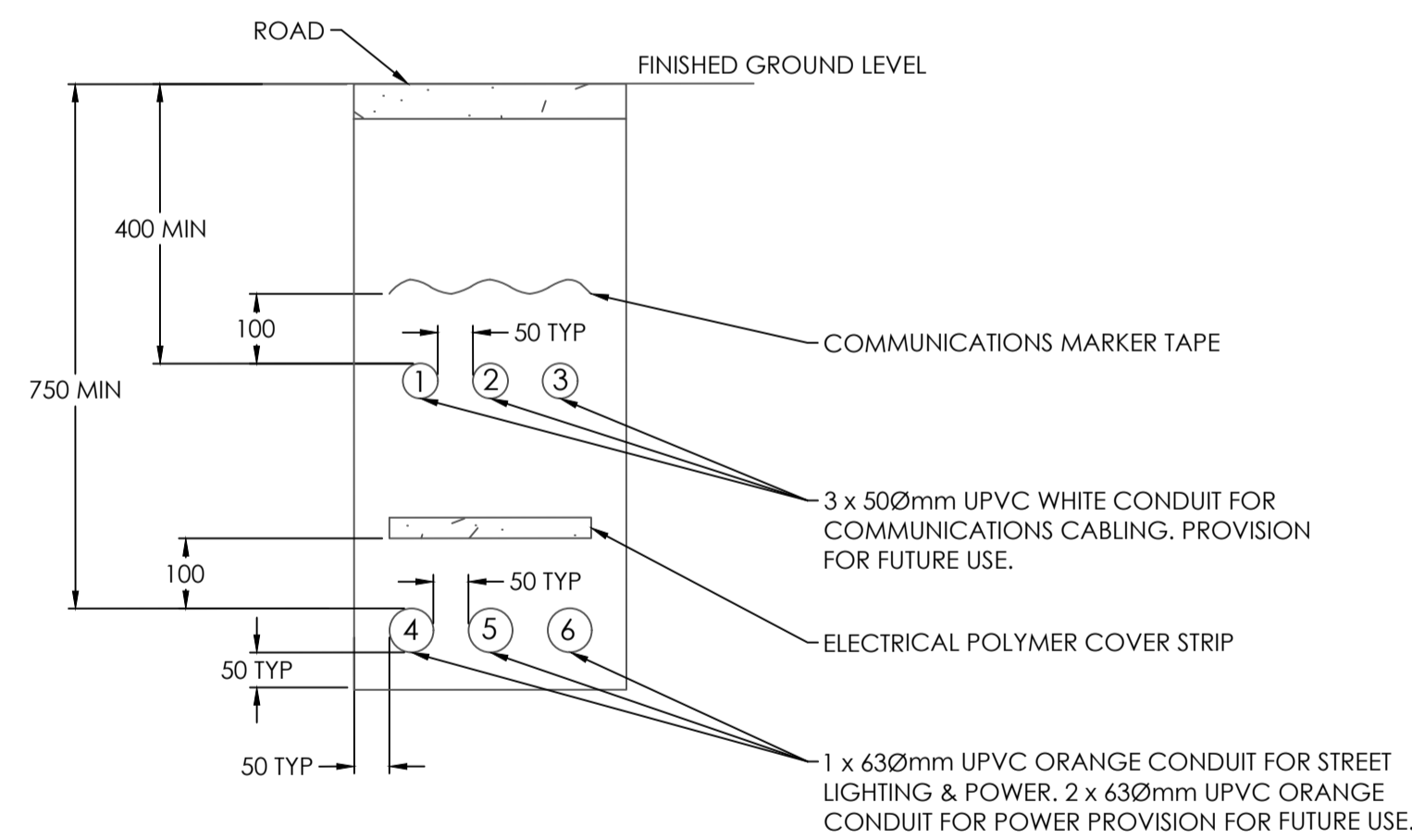
DRAWING NO:	DATE PRINTED:	SHEET NO:
1458-E	11/10/2025	004

DESIGNED BY: S Luo

TYPICAL ELECTRICAL & COMMS
CONDUIT ARRANGEMENT (FOOTPATH)



TYPICAL ELECTRICAL & COMMS
CONDUIT ARRANGEMENT (ROAD)



01

IN-GROUND CONDUIT LAYOUTS

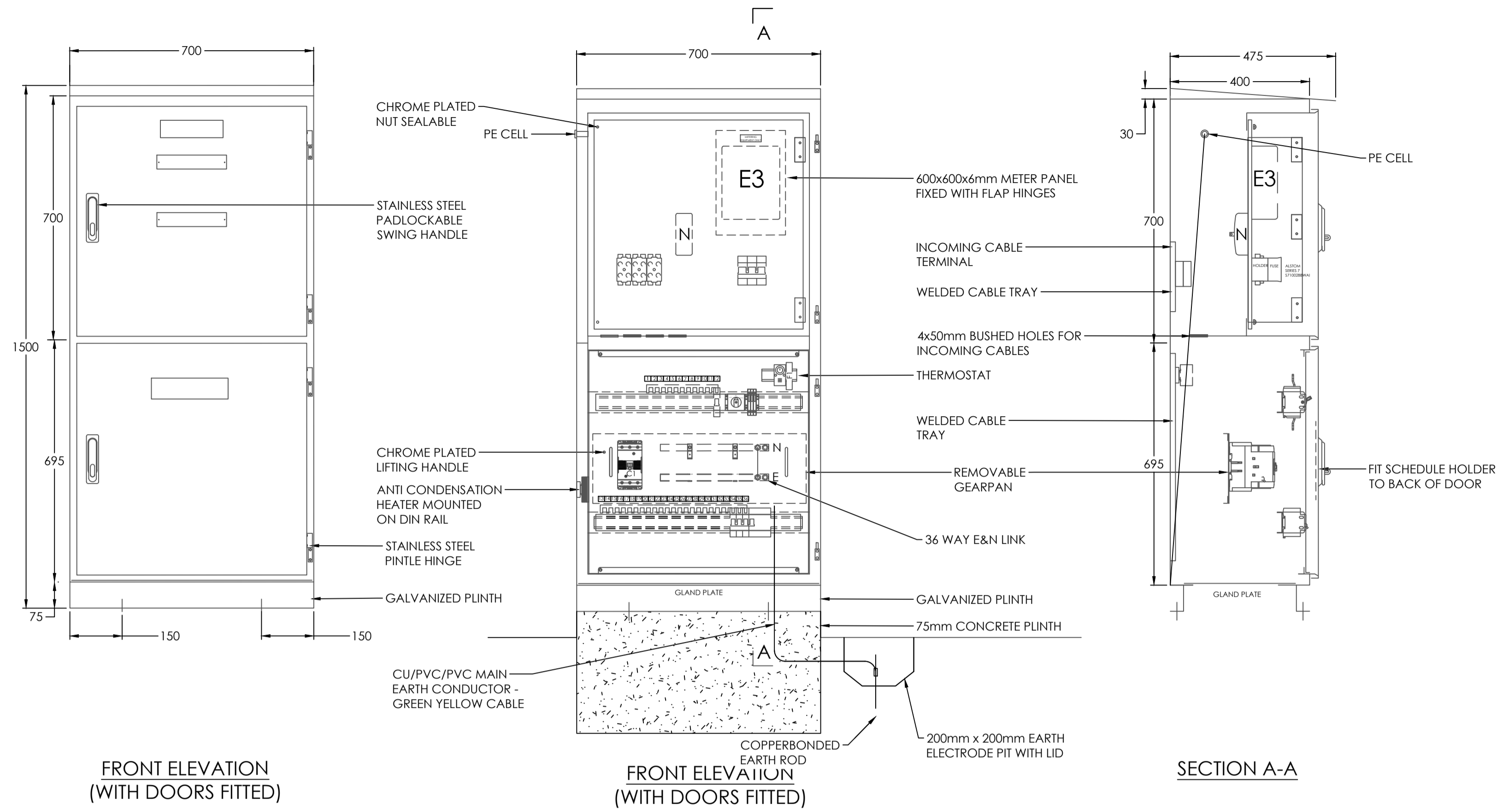
REFER TO CoS TECHNICAL SPECIFICATION DOCUMENT FOR FURTHER DETAILS

02

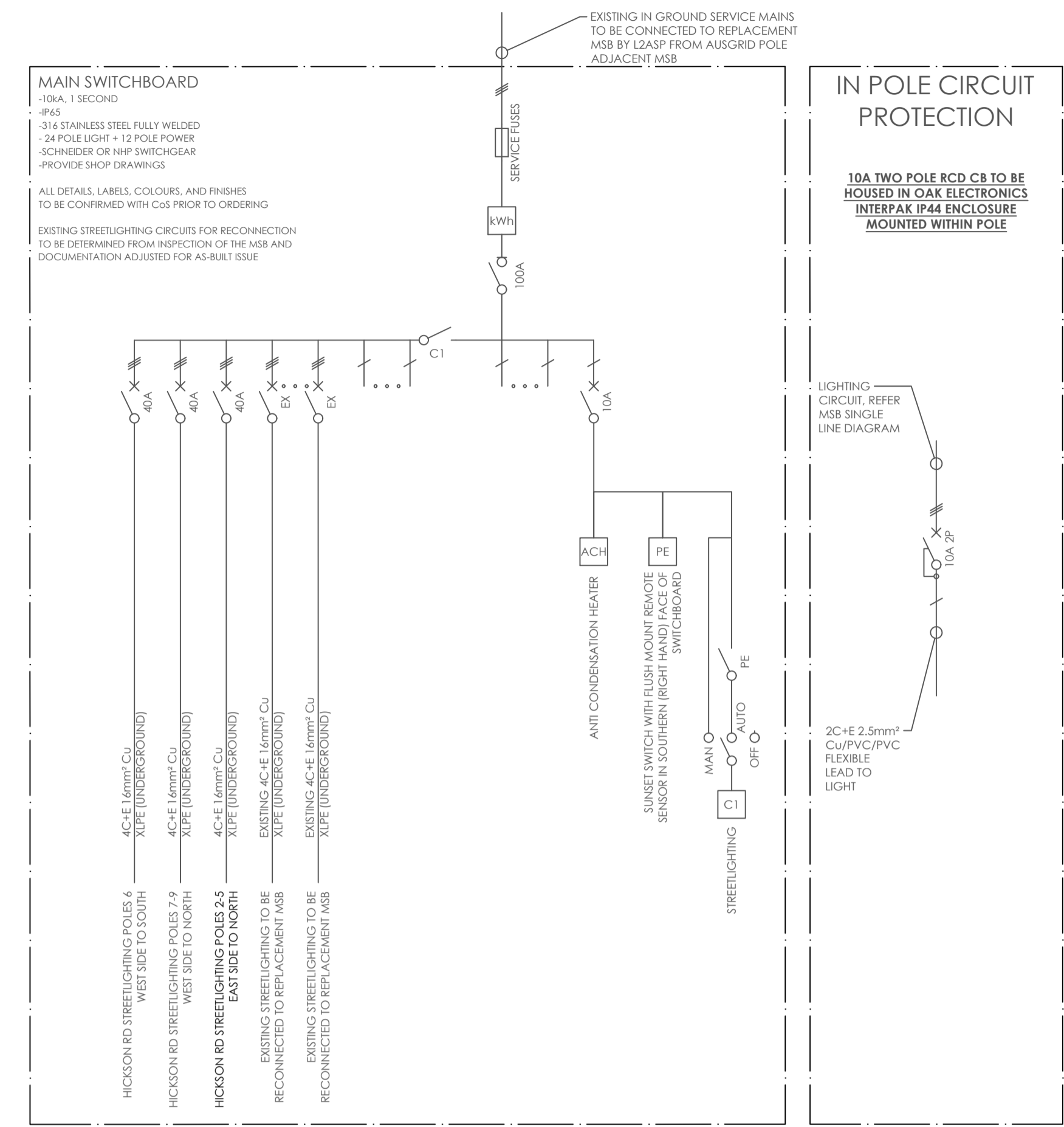
PIT DETAIL

REFER TO CoS TECHNICAL SPECIFICATION DOCUMENT FOR FURTHER DETAILS

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	DISCLAIMER:	ASPS3 DESIGNER:	CLIENT:	AUTHORITY:	PROJECT:	PROJECT NO:	SCALE:	REVISION	SHEET ON	ISSUE	
00	ISSUE FOR APPROVAL	13/10/25				1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED WHATSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2, AND 3, HEREOF. 2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE LOCATIONS OF CABLING, ELECTRICAL ELEMENT AND LUMINAIRES SHOWN MAY BE VARIED SUBJECT TO SITE CONDITIONS ENCOUNTERED DURING INSTALLATION. 3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.	 Level 3, Suite D1668-672 Old Phoenix Hwy, Sutherland NSW 2232 TEL: +61 2 9235 8848 Email Address: STEVE.LUO@DEPCONS.COM	 Level 27/201 Kari St, Sydney NSW 2000 TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au	 Level 2, 456 Kent Street, Sydney, NSW 2000 TEL: +61 2 9265 9333 Email Address: publicaffairs@cityofsydney.nsw.gov.au	HICKSON ROAD STAGE 3 HICKSON ROAD, BARANGAROO NSW 2000	1458	1:500	00	A1	SUBMISSION TO COUNCIL	
DRAWING TITLE											DETAIL SHEET 02					
DRAWING NO:											CoS CONDUIT & PIT DETAIL					
PROJECT DA:											LIGHTING DESIGN:		DATE PRINTED:		DESIGNED BY:	
CERTIFICATION NO:											L153U085-BID-ED2-00 [T4]		1458-E		005	
PROJECT DA:											PAGE NO:		11/10/2025		S Luo	



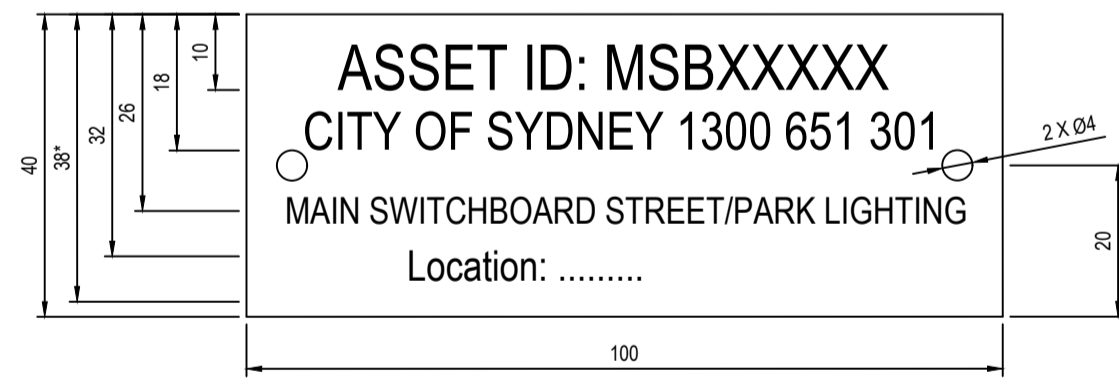
- NOTES**
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH (CoS A5) 5.13 MAIN EARTHING REQUIREMENTS
 2. EARTH CABLE SHALL BE RUN IN PVC RIGID HD CONDUIT
 3. EXPOSED EARTH ELECTRODE AND CLAMP TO BE GALVANISED
 4. MAIN EARTH CONDUCTOR SIZE TO BE CALCULATES BASED ON THE FAULT LEVEL
 5. EXPOSED EARTH ELECTRODE TO BE INSTALLED IN A PVC CONDUIT



NEW MSB SINGLE LINE DIAGRAM
N.T.S

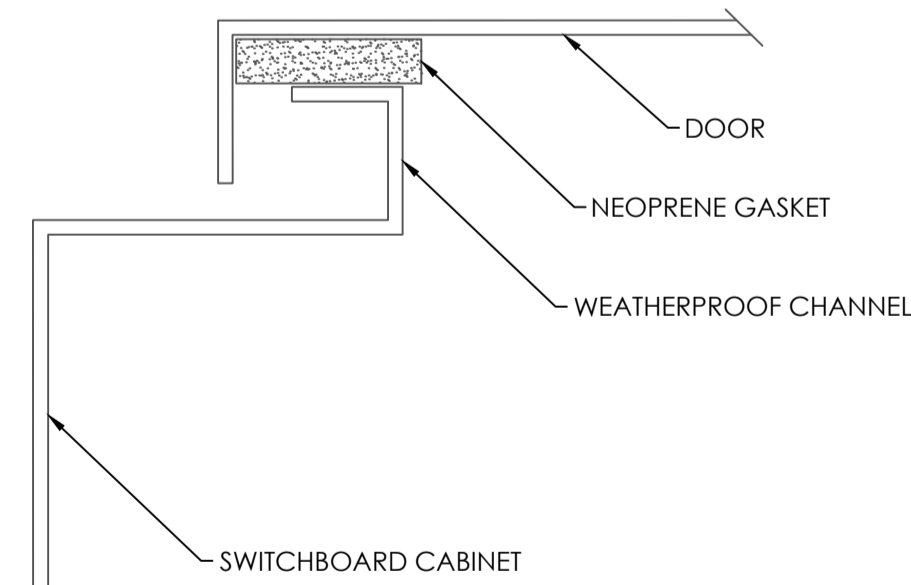
MSB DETAIL [ELEVATION]
EARTH PIT PHOTO

N.T.S REFER TO CoS TECHNICAL SPECIFICATION DOCUMENT PRIOR TO FABRICATION



- NOTE:**
- 1) * DENOTES SPACE FOR THE 5TH LINE OF TEXT.
 - 2) ARIAL NARROW 6mm HIGH FOR THE FIRST LINE OF TEXT.
 - 3) ARIAL NARROW 5mm HIGH FOR THE SECOND LINE OF TEXT.
 - 4) ARIAL NARROW 4mm HIGH FOR THE THIRD LINE OF TEXT.
 - 5) MATERIAL IS ALUMINIUM 0.8mm THICK.
 - 6) PLATE IS FITTED WITH 2 STAINLESS STEEL RIVETS OR SELF DRILLING SCREWS.
 - 7) TEXT TO BE ENGRAVED.

MSB ID PLATE DETAILS
N.T.S



MSB WEATHERPROOF DETAIL
N.T.S

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	ISSUE FOR APPROVAL	13/10/25			

DISCLAIMER:

1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE LOCATIONS OF CABLING, ELECTRICAL ELEMENT AND LUMINAIRES SHOWN MAY BE VARIED SUBJECT TO SITE CONDITIONS ENCOUNTERED DURING INSTALLATION.
3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

Level 3, Suite D1666472 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 92388648 Email Address: STEVE.LUO@DEPCONS.COM

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5700 Email Address: msb@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: publicaffairs@cityofsydney.nsw.gov.au

PROJECT:

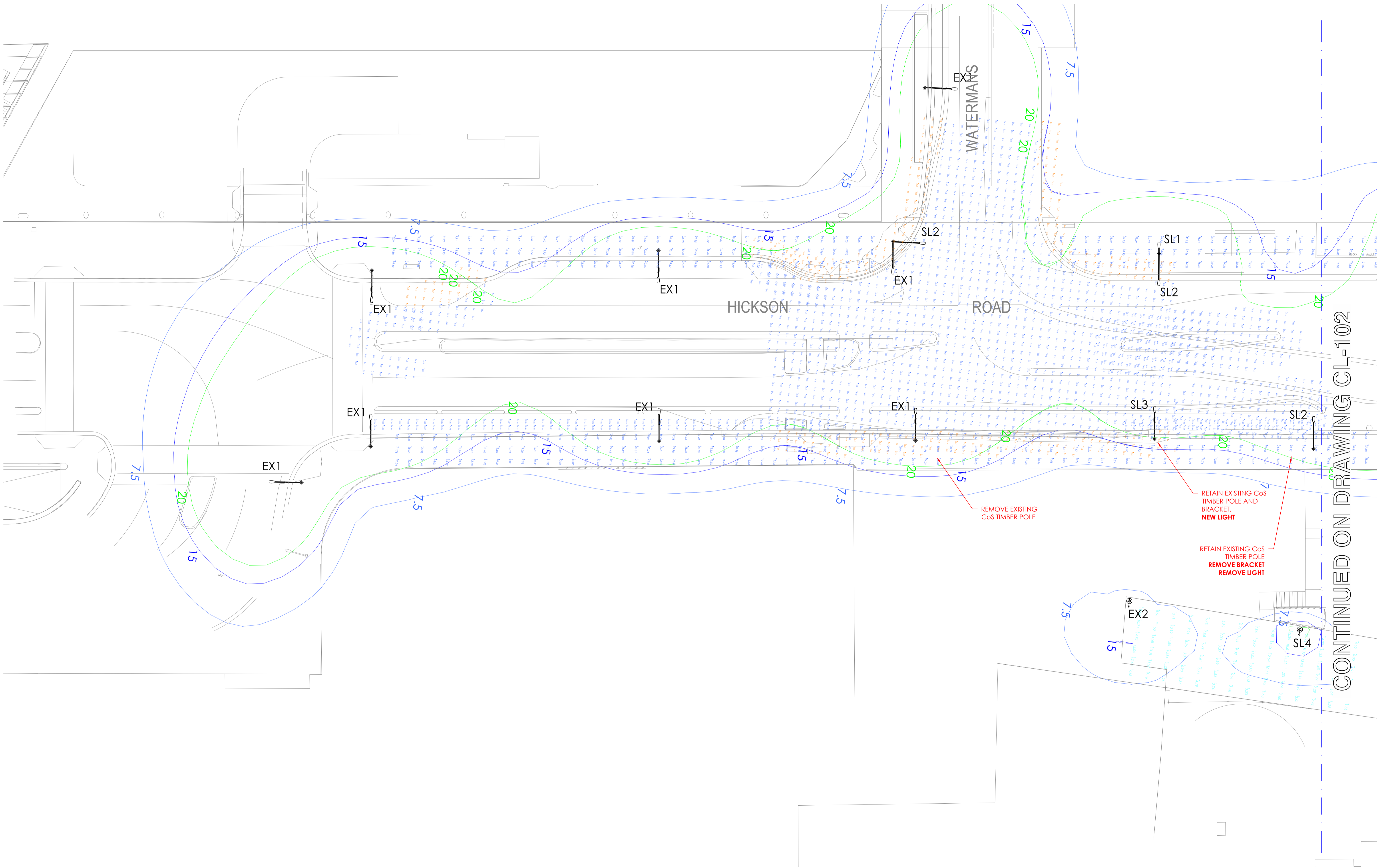
HICKSON ROAD STAGE 3
HICKSON ROAD, BARANGAROO NSW 2000

PROJECT NO: 1458
SCALE: 1:500
MAP REF: B1D-CD2-200040-200046
DRAWN BY: R D'ahal
CHECKED BY: S Luo
LIGHTING DESIGN: L153U085-BID-ED2-00 [T4]
PAGE NO: 6

REVISION 00
SHEET ON A1
ISSUE SUBMISSION TO COUNCIL

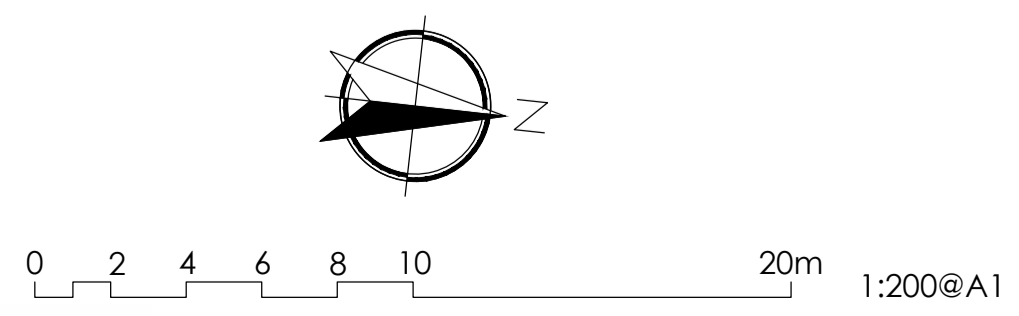
DRAWING TITLE
DETAIL SHEET 03
MSB DETAIL & SINGLE LINE DIAGRAM

DRAWING NO: 1458-E
DATE PRINTED: 11/10/2025
SHEET NO: 006
DESIGNED BY: S Luo



CONTINUED ON DRAWING CL-102

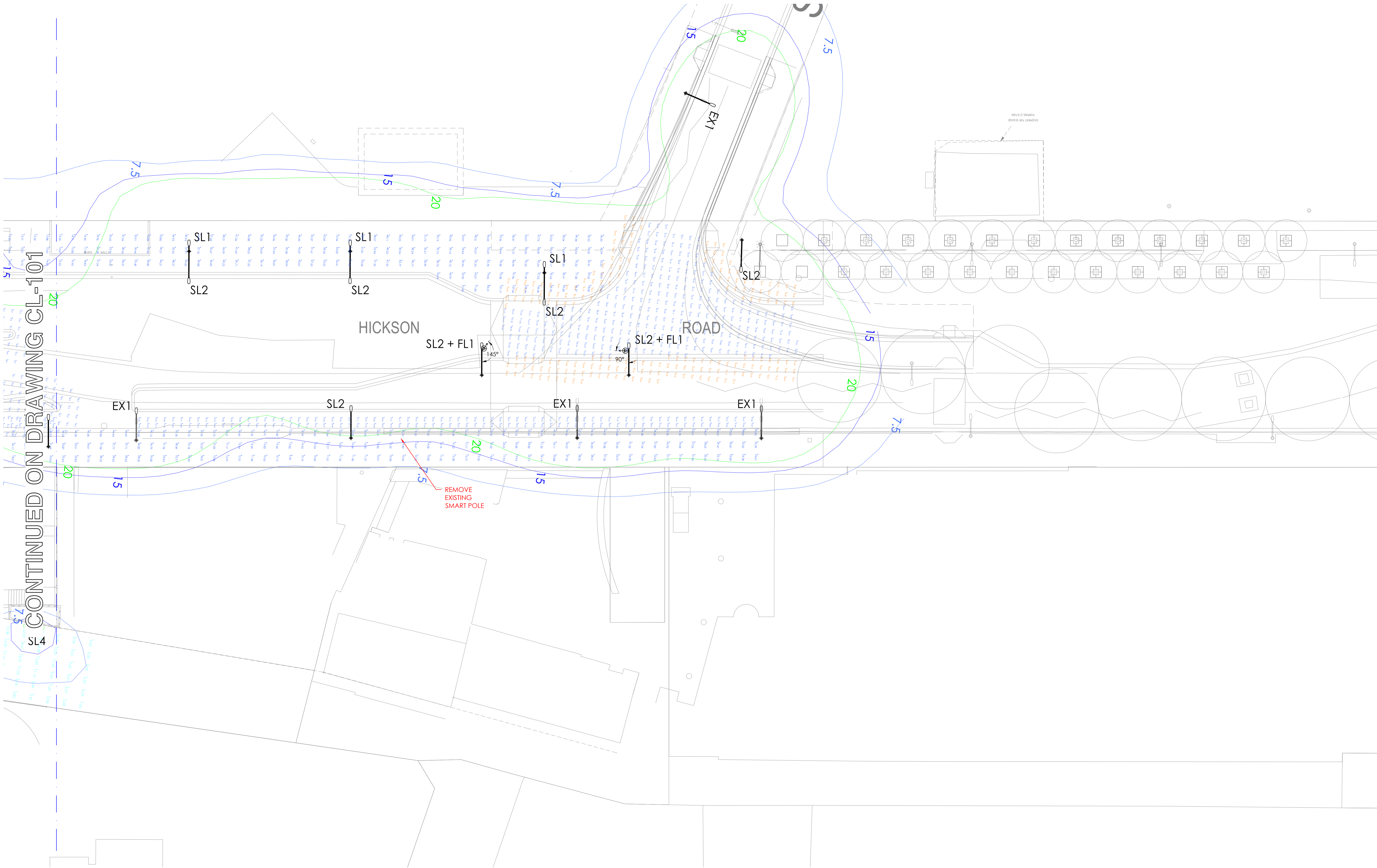
Issue	Amendment	Date
T1	ISSUED FOR 80% IFT / REF	08-04-24
T2	UPDATED ISSUE	18-09-25
T3	UPDATED ISSUE	16-10-25
T4	UPDATED ISSUE	11-11-25



LAS
Lighting, Art & Science
 Lighting Consultants, Electrical Engineers
 Level 1, 41 Hume St, Crooks Nest NSW 2065
 p: +61 2 9436 0998 e: mail@laands.com.au

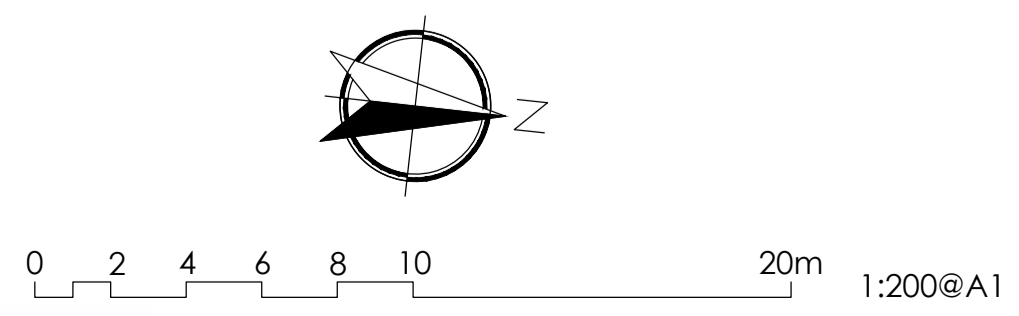
Project	STREETLIGHTING COMPLIANCE HICKSON ROAD, BARANGAROO		
Drawing	HORIZONTAL VALUES - SHEET 1 ROADWAY V1, PATHWAY PP1		
Drawn DA	Approv. RM	Date	Scale
		FEB 2024	1:200@A1
Project No	Drawing No	Rev	
L153U085	BID-ED2-00-201	T4	

T:\Project\153U085 - DEP Consulting\153U085 - Hickson Road, Barangaroo\153U085-CL - STAGE 3.dwg - 201 - 11/11/2025 - 2:42:37 PM



CONTINUED ON DRAWING CL-101

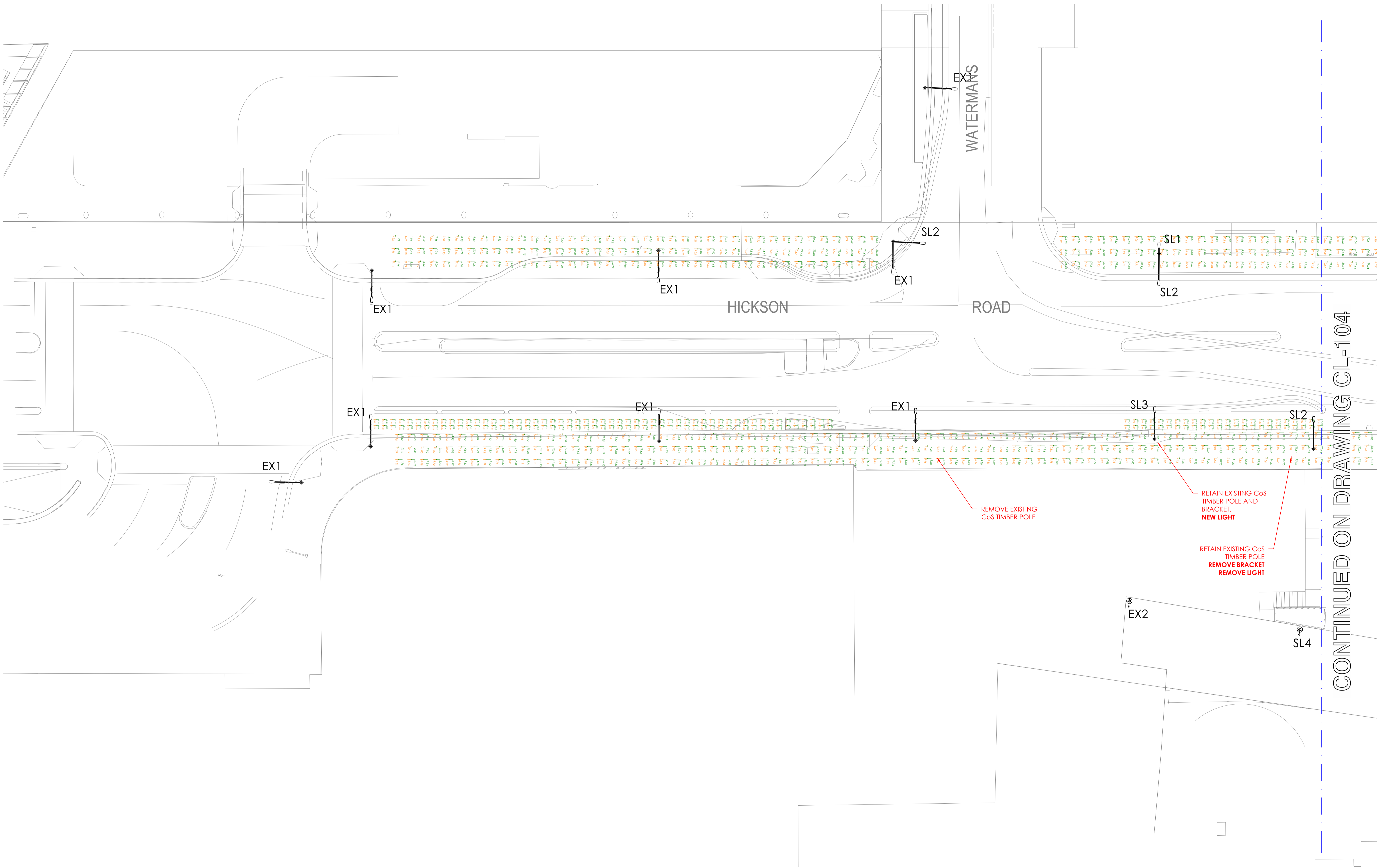
Issue	Amendment	Date
T1	ISSUED FOR 80% IFT / REF	08-04-24
T2	UPDATED ISSUE	18-09-25
T3	UPDATED ISSUE	16-10-25
T4	UPDATED ISSUE	11-11-25



LAS
Lighting, Art & Science
 Lighting Consultants, Electrical Engineers
 Level 1, 41 Hume St, Groves Nest NSW 2065
 p: +61 2 9436 0998 e: mail@laands.com.au

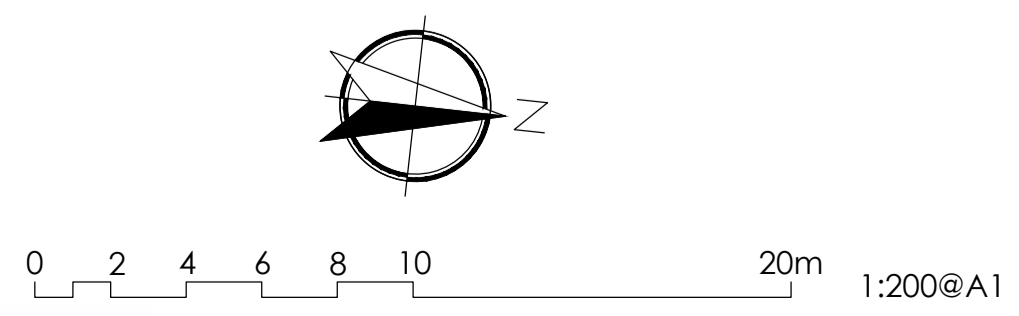
Project	STREETLIGHTING COMPLIANCE T1		
Drawing	HORIZONTAL LEVELS - SHEET 2 ROADWAY V1, PATHWAY PP1		
Drawn DA	Approv. RM	Date	Scale
		FEB 2024	1:200@A1
Project No	Drawing No	Rev	
L153U085	BID-ED2-00-202	T4	

T:\Projects\L153U085 - DEP Consulting\L153U085 - Hickson Road, Barangaroo\L153U085-CL - STAGE 3.dwg - 202 - 11/11/2025 - 2:43:58 PM



CONTINUED ON DRAWING CL-104

Issue	Amendment	Date
T1	ISSUED FOR 80% IFT / REF	08-04-24
T2	UPDATED ISSUE	18-09-25
T3	UPDATED ISSUE	16-10-25
T4	UPDATED ISSUE	11-11-25

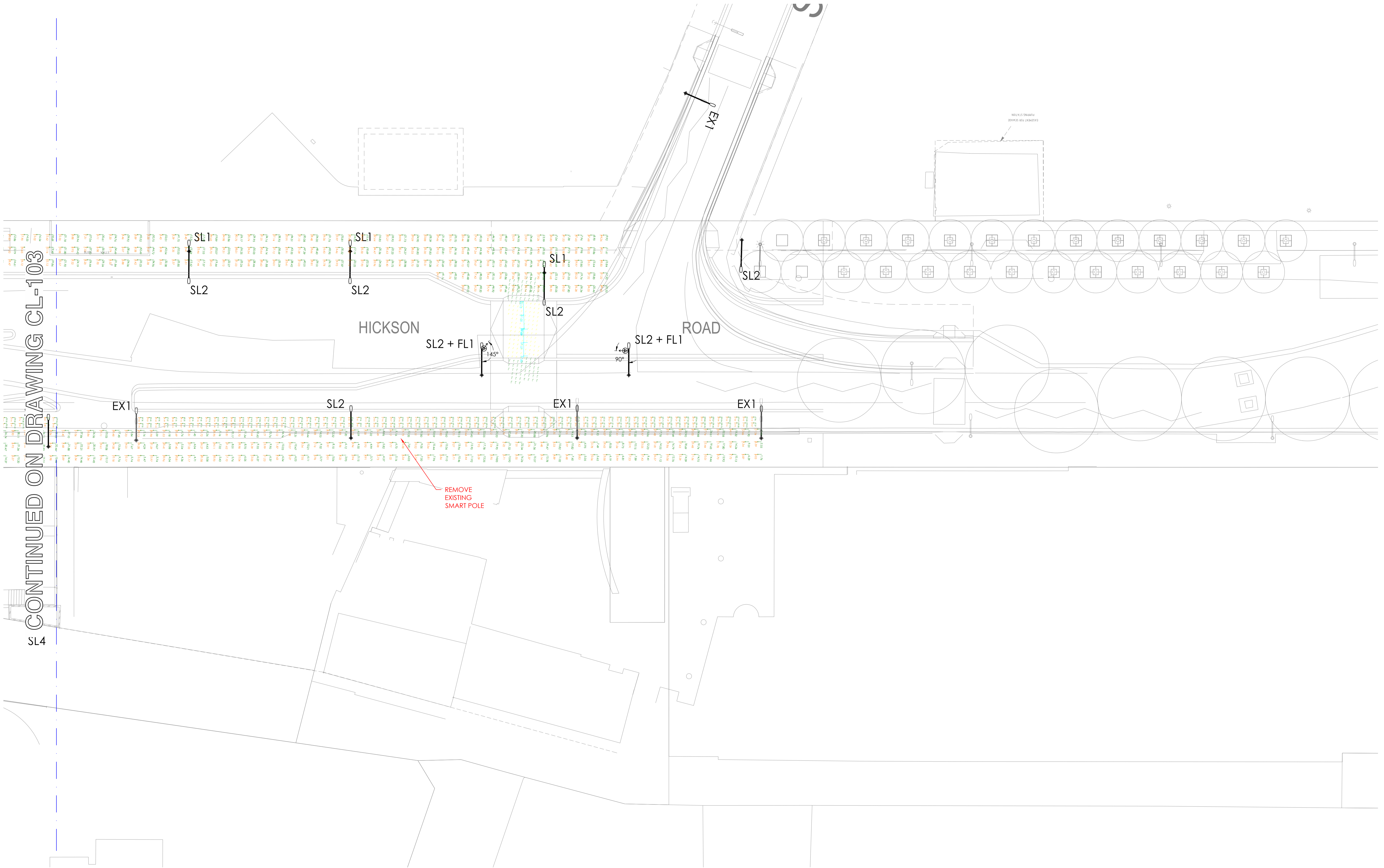


LAS
Lighting, Art & Science
 Lighting Consultants, Electrical Engineers
 Level 1, 41 Hume St, Crows Nest NSW 2065
 p: +61 2 9436 0998 e: mail@lasands.com.au

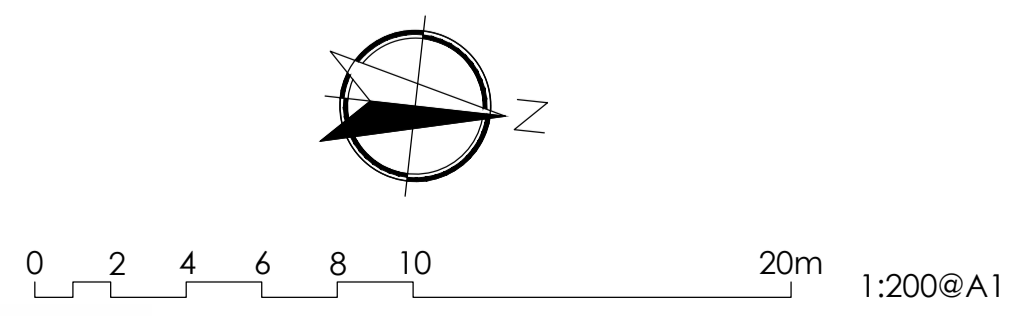
Project	STREETLIGHTING COMPLIANCE HICKSON ROAD, BARANGAROO		
Drawing	VERTICAL VALUES - SHEET 1 ROADWAY V1, PATHWAY PP1		
Drawn DA	Approv. RM	Date	Scale
		FEB 2024	1:200@A1
Project No	Drawing No		Rev
L153U085	BID-ED2-00-203		T4

T:\Projects\L153U085 - DEP Consulting\L153U085 - Hickson Road, Barangaroo\L153U085-DG\L153U085-CL - STAGE 3.dwg - 2023 - 11/11/2025 - 3:00:39 PM

CONTINUED ON DRAWING CL-103



Issue	Amendment	Date
T1	ISSUED FOR 80% IFT / REF	08-04-24
T2	UPDATED ISSUE	18-09-25
T3	UPDATED ISSUE	16-10-25
T4	UPDATED ISSUE	11-11-25



LAS
Lighting, Art & Science
 Lighting Consultants, Electrical Engineers
 Level 1, 41 Hume St, Crows Nest NSW 2065
 p: +61 2 9436 0998 e: mail@lasands.com.au

Project	STREETLIGHTING COMPLIANCE HICKSON ROAD, BARANGAROO		
Drawing	VERTICAL LEVELS - SHEET 2 ROADWAY V1, PATHWAY PP1		
Drawn DA	Approv. RM	Date	Scale
		FEB 2024	1:200@A1
Project No	Drawing No	Rev	
L153U085	BID-ED2-00-104	T4	

T:\Project\153\153U - DEP Consulting\153U085 - Hickson Road, Barangaroo\153U085-DG\153U085-CL - STAGE 3.dwg - 204 - 11/11/2025 - 3:01:59 PM

HICKSON ROAD, BARANGAROO STAGE 3 - Lighting Compliance

Scope

The scope of the works is the assessment of the existing and proposed streetlighting to meet compliance with:
 - V1 Category lighting (roadway) in accordance with AS/NZS 1158.1.1:2022
 - clause 4.2.2.3, change in carriageway width in accordance with AS/NZS 1158.1.1:2022
 - clause 4.3.3, intersections in accordance with AS/NZS 1158.1.1:2022
 - PP1 Category lighting (pathway & cycleway) in accordance with AS/NZS 1158.3.1:2020
 - PX1 Category lighting in accordance with AS/NZS 1158.4:2024

Category	V1 Roadway	PP1 Pathway	PX1 PEDX
Minimum Horizontal Illuminance (lux)	>15		
Minimum Horizontal Illuminance (lux) (Verge)	>7.5		
Horizontal Illuminance Uniformity (max/min)	<8		
Average Horizontal Illuminance (lux)		>10	
Minimum Horizontal Illuminance (lux)		>2	
Horizontal Illuminance Uniformity (max/avg)		<5	
Minimum Vertical Illuminance (lux)		>1	

Minimum Horizontal Illuminance (Ephm) (lux)		>30
Minimum Horizontal Illuminance (Ephs) (lux)		>10
Minimum Vertical Illuminance (Epv) (lux)		>20
Glare control at 70° (cd)		<1500
upward Waste Light Ratio (%)		<1%

Luminaire Schedule					
Scene: Streetlighting					
Symbol	Qty	Label	Luminaire Lumens	LLF	Filename
← SL1	4	NEW 60W ROADFLAIR 1-5m OR	9603	0.800	BRP593 LED96 840 60W DWV SR PTT SRB ANZ.ies
← SL2	11	NEW 125W ROADFLAIR 3m OR	19205	0.800	BRP593 LED192 840 125W DWV SR PTT SRB ANZ.ies
← EX1	12	EXT 160W GE R250 ECO 3m	20559	0.800	160W_JESNA2002.IES
1	1	EXT GE EVOLVE AREA LIGHT	4050	0.800	GE454397-43K 63W AF.ies
↻ EX2	1	NEW 18W SIGNIFY TOWN TUNE	2277	0.800	BDP265 T25 SR LED27-45 L98@100kh-840 DM33.ies
↻ SL4	1				
↻ FL1	2	NEW 110W SASTALED 3m	12496	0.800	180440PH.ies

Callout

The existing and proposed lighting scheme meets compliance with the requirements of:

- V1 Category lighting of AS/NZS 1158.1.1:2022
- PP1 Category per AS/NZS 1158.3.1:2020.
- PX1 Category per AS/NZS 1158.4:2024

Dianna

Dianna Abdalla MIES (Aust + NZ) MIES65988

Date: 11/11/2025
 Filename: L153U085-CL-003 - stage 3 - per IC-022 & current.AGI
 Lighting: Art + Science Pty Ltd
 PH 02 9436 0998
 EM mail@laands.com.au

Calculation Summary							
Project: Calculation Points - V Cat Roadway							
Scene: Streetlighting							
Label	CalcType	Units	Max	Min	Max/Min	PISpcLr	PISpcTb
CONVERGE 01	Illuminance	Lux	38.9	23.7	1.64	1	1
CONVERGE 01 VERGE	Illuminance	Lux	35.9	17.1	2.10	1	1
DIV CARRIAGEWAY	Illuminance	Lux	62.9	41.5	1.52	1	1
DIVERGE 01	Illuminance	Lux	50.5	18.4	2.74	1	1
DIVERGE 01 VERGE	Illuminance	Lux	44.9	16.0	2.81	1	1
INTERSECTION 01	Illuminance	Lux	71.2	16.1	4.42	1	1
INTERSECTION 02	Illuminance	Lux	124.1	24.74	5.02	1	1
INTERSECTION VERGE 01	Illuminance	Lux	58.9	9.7	6.07	1	1
INTERSECTION VERGE 02	Illuminance	Lux	120.3	23.12	5.21	1	1
TMD 01	Illuminance	Lux	58.6	19.3	3.04	1	1
TMD 02	Illuminance	Lux	40.4	20.7	1.95	1	1
TMD 03	Illuminance	Lux	41.1	30.0	1.37	1	1

Calculation Summary							
Project: Calculation Points - P Cat Horizontal							
Scene: Streetlighting							
Label	CalcType	Units	Avg	Max	Min	Max/Avg	PISpcLr
Eh PP1 Cycleway 01	Illuminance	Lux	34.73	58.67	18.38	1.69	1
Eh PP1 Cycleway 02	Illuminance	Lux	30.32	50.54	22.88	1.67	1
Eh PP1 Cycleway 03	Illuminance	Lux	29.19	52.13	16.16	1.79	1
Eh PP1 Left	Illuminance	Lux	38.13	108.43	8.31	2.84	1.5
Eh PP1 Right	Illuminance	Lux	22.58	47.55	8.74	2.11	1.5
Eh PR1 Roadway	Illuminance	Lux	9.03	22.33	1.82	2.47	2

Calculation Summary				
Project: Calculation Points - P Cat Verticals				
Scene: Streetlighting				
Label	CalcType	Units	Min	PISpcLr
Ev PP1 Cycleway 01 - Side 1	Illuminance	Lux	5.74	1
Ev PP1 Cycleway 01 - Side 2	Illuminance	Lux	5.78	1
Ev PP1 Cycleway 02 - Side 1	Illuminance	Lux	3.44	1
Ev PP1 Cycleway 02 - Side 2	Illuminance	Lux	10.50	1
Ev PP1 Cycleway 03 - Side 1	Illuminance	Lux	2.08	1
Ev PP1 Cycleway 03 - Side 2	Illuminance	Lux	2.09	1
Ev PP1 Left - Side 1	Illuminance	Lux	1.06	1.5
Ev PP1 Left - Side 2	Illuminance	Lux	1.71	1.5
Ev PP1 Right - Side 1	Illuminance	Lux	1.44	1.5
Ev PP1 Right - Side 2	Illuminance	Lux	1.75	1.5

Calculation Summary			
Project: Calculations PedX			
Scene: Streetlighting			
Label	CalcType	Units	Min
Ephm	Illuminance	Lux	101
EphS 01	Illuminance	Lux	99.59
EphS 02	Illuminance	Lux	78.90
Epv - Side 1	Illuminance	Lux	46.66
Epv - Side 2	Illuminance	Lux	57.08

Scene/Channel Summary			
Scene: Streetlighting			
Channel	Switched	Dimming	# Lums
Ped Crossing	On	0.70	2
Roadway	On	1.00	29

Note:
 Pedestrian crossing lighting dimmed to 70% output to meet glare requirements per Australian Standards.

Luminaire Location Summary							
Scene: Streetlighting							
LumNo	Label	X	Y	Z	Tilt	Orient	
1	NEW 125W ROADFLAIR 3m OR	333753.473	6251646.360	9.000	0	5	
2	NEW 125W ROADFLAIR 3m OR	333752.309	6251622.748	9.000	0	5	
4	NEW 125W ROADFLAIR 3m OR	333764.841	6251657.783	9.000	0	185	
5	NEW 125W ROADFLAIR 3m OR	333766.720	6251640.460	9.000	0	185	
6	NEW 125W ROADFLAIR 3m OR	333755.204	6251603.907	9.000	0	5	
7	NEW 125W ROADFLAIR 3m OR	333761.677	6251537.434	9.000	0	95	
8	NEW 125W ROADFLAIR 3m OR	333781.703	6251570.985	9.000	0	185	
9	NEW 125W ROADFLAIR 3m OR	333760.608	6251569.288	9.000	0	5	
10	EXT 160W GE R250 ECO 3m	333743.123	6251539.164	9.000	0	96	
11	NEW 125W ROADFLAIR 3m OR	333775.670	6251625.655	9.000	0	185	
12	NEW 60W ROADFLAIR 1-5m OR	333753.527	6251646.350	6.000	0	185	
13	NEW 60W ROADFLAIR 1-5m OR	333753.131	6251622.837	6.000	0	185	
14	NEW 60W ROADFLAIR 1-5m OR	333755.249	6251603.859	6.000	0	185	
15	NEW 60W ROADFLAIR 1-5m OR	333760.719	6251569.298	6.000	0	185	
16	NEW 125W ROADFLAIR 3m OR	333747.133	6251669.354	9.000	0	5	
17	EXT 160W GE R250 ECO 3m	333772.832	6251652.439	9.000	0	185	
18	EXT 160W GE R250 ECO 3m	333770.464	6251674.318	9.000	0	185	
19	EXT 160W GE R250 ECO 3m	333761.677	6251537.434	9.000	0	5	
20	EXT 160W GE R250 ECO 3m	333765.835	6251509.716	9.000	0	5	
21	EXT 160W GE R250 ECO 3m	333771.929	6251476.077	9.000	0	5	
22	EXT 160W GE R250 ECO 3m	333797.990	6251470.544	9.000	0	275	
23	EXT 160W GE R250 ECO 3m	333792.872	6251478.200	9.000	0	185	
24	EXT 160W GE R250 ECO 3m	333788.402	6251512.317	9.000	0	185	
25	EXT 160W GE R250 ECO 3m	333784.894	6251542.830	9.000	0	185	
26	EXT 160W GE R250 ECO 3m	333778.722	6251600.050	9.000	0	185	
27	NEW 110W SASTALED 3m	333766.697	6251640.334	9.000	0	185	
28	NEW 110W SASTALED 3m	333764.720	6251657.746	9.000	0	185	
29	NEW 125W ROADFLAIR 3m OR	333780.651	6251589.947	9.000	0	185	
30	EXT GE EVOLVE AREA LIGHT	333800.839	6251570.484	4.500	0	355	
31	NEW 18W SIGNIFY TOWN TUNE	333802.028	6251590.760	4.500	0	355	
32	EXT 160W GE R250 ECO 3m	333730.581	6251640.884	9.000	0	75	

Note:
 Luminaire no.3 not in use

Lighting Art & Science

RESULTS FOR RUNNING SAASTAN WITH NOMINATED SPACINGS
 [AUSTRALIA MODE]

Job name: HICKSON ROAD NTH

Luminaire I-table: C:\Users\Dianna\Desktop\SLIGHTS\BRP593 LED192 840 125W DWV SR PTT SRB ANZ.cie
 Luminaire Description: Roadflair 125W CIE 19200 lms
 Light Source: LED
 Stores Code:
 Upcast Angle: 0 Degrees Luminous Flux: 19.2 Klms
 Mounting Height: 9 m Arrangement: 4 Single-Opposite
 Overhang 1st Row: 1 m Maintenance Factor: 0.8
 Overhang 2nd Row: 1 m
 Outreach Size: 3 Outreach Size: 3
 Road Surface: CIE R3
 Traffic Flow: Two Way -----><-----

Lighting Category: V1		Carriageway Width: 18 m									
Spacing (m)	Traffic	Lbar	Uo	U1	UWLR	TI	Esl	Esr	Comply		
	Direct- ion	(>=1.50) or (>=1.65)	(>=0.33) (>=0.31)	(>=0.5) ("	(=<3) ("	(=<20) ("	(>=50) ("	(>=50) ("	with V1		
25.00	Normal	3.62	0.56	0.97	.00	13.62	71.49	71.49	YES		
27.00	Normal	3.35	0.55	0.94	.00	13.54	71.36	71.36	YES		
29.00	Normal	3.12	0.54	0.93	.00	13.44	71.48	71.48	YES		
31.00	Normal	2.92	0.52	0.92	.00	13.64	71.53	71.53	YES		
33.00	Normal	2.74	0.49	0.91	.00	13.92	71.52	71.52	YES		
35.00	Normal	2.58	0.46	0.88	.00	14.11	71.57	71.57	YES		
37.00	Normal	2.45	0.45	0.85	.00	14.30	71.56	71.56	YES		
39.00	Normal	2.32	0.44	0.81	.00	14.54	71.59	71.59	YES		
41.00	Normal	2.21	0.43	0.78	.00	14.80	71.47	71.47	YES		
43.00	Normal	2.11	0.42	0.75	.00	15.07	71.44	71.44	YES		
45.00	Normal	2.01	0.41	0.74	.00	15.29	71.30	71.30	YES		
47.00	Normal	1.93	0.39	0.73	.00	15.81	71.27	71.27	YES		
49.00	Normal	1.85	0.38	0.70	.00	16.10	71.32	71.32	YES		

NOTES: 1) Where 'Normal' &/or 'Oncoming' lines are shown, compliance with the nominated Category, at a particular spacing, is only applicable when there is a 'Yes' on each line i.e. ANY 'No' indicates failure at that spacing.
 2) Calculations use the original SAASTAN software

PlevCat - Vers 5.09 (Built: 10/ 4/13) Run: 14/10/2025 at 12:04:46

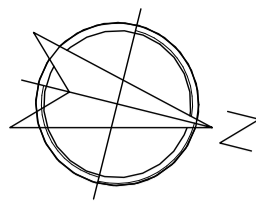
Lighting Art & Science

RESULTS FOR RUNNING SAASTAN WITH NOMINATED SPACINGS
 [AUSTRALIA MODE]

Job name: HICKSON ROAD NTH

Luminaire I-table: C:\Users\Dianna\Desktop\SLIGHTS\BRP593 LED192 840 125W DWV SR PTT SRB ANZ.cie
 Luminaire Description: Roadflair 125W CIE 19200 lms
 Light Source: LED
 Stores Code:
 Upcast Angle: 0 Degrees Luminous Flux: 19.2 Klms
 Mounting Height: 9 m Arrangement: 5 Dual-Opposite
 Overhang 1st Row: 1 m Maintenance Factor: 0.8
 Overhang 2nd Row: 1 m Median Width: 2.5 m
 Outreach Size: 3 Outreach Size: 3
 Road Surface: CIE R3
 Traffic Flow: One Way ----->

Lighting Category: V1		Carriageway Width: 9 m									
Spacing (m)	Traffic	Lbar	Uo	U1	UWLR	TI	Esl	Esr	Comply		
	Direct- ion	(>=1.50) or (>=1.65)	(>=0.33) (>=0.31)	(>=0.5) ("	(=<3) ("	(=<20) ("	(>=50) ("	(>=50) ("	with V1		
25.00	Normal	3.22	0.69	0.93	.00	13.65	72.79	100.41	YES		
27.00	Normal	2.98	0.69	0.92	.00	13.53	72.79	100.41	YES		
29.00	Normal	2.78	0.69	0.91	.00	13.42	72.74	100.29	YES		
31.00	Normal	2.60	0.70	0.90	.00	13.62	72.75	100.30	YES		
33.00	Normal	2.44	0.70	0.88	.00	13.84	72.78	100.38	YES		
35.00	Normal	2.30	0.70	0.87	.00	14.03	72.81	100.33	YES		
37.00	Normal	2.18	0.68	0.86	.00	14.22	72.72	100.47	YES		
39.00	Normal	2.07	0.68	0.82	.00	14.45	72.67	100.42	YES		
41.00	Normal	1.97	0.67	0.79	.00	14.69	72.76	100.29	YES		
43.00	Normal	1.88	0.68	0.76	.00	14.94	72.89	100.17	YES		
45.00	Normal	1.79	0.68	0.74	.00	15.12	72.92	100.25	YES		



HICKSON ROAD, BARANGAROO

STAGE 4

STREETLIGHTING UPGRADE

LIGHTING & ELECTRICAL PACKAGE

LUMINAIRE SCHEDULE

Luminaire Schedule							
EXISTING							
Symbol	Qty	Label	Pole Type	Description	Tag	Mounting Height	Arm
	2	EX1	S1B	EXISTING 9.6m CoS Smart Pole - facing roadway	160W_GE ECO Gen 2_ with NIMA 7 Pin controller	9	3

Luminaire Schedule						
STAGE 3 POLES (PREVIOUS STAGE)						
Symbol	Qty	Label	Pole Type	Description	Tag	
	2	SL_STG3	S1B	STAGE 3 POLE	REFER TO STAGE 3 DESIGN	

Luminaire Schedule							
NEW STAGE 4 POLES							
Symbol	Qty	Label	Pole Type	Description	Tag	Mounting Height	Arm
	9	SL2	S1B	NEW 125W STREET LIGHT ON 9.6m CoS SMART Pole - with 3m arm	125W PHILIPS ROADFLAIR BRP593 WITH NEMA 7-PIN PHOTOCELL	9	3
	10	SL1	S1B	NEW 60W STREET LIGHT ON 9.6m CoS SMART Pole - with 2m arm	60W PHILIPS ROADFLAIR BRP593 WITH NEMA 7-PIN PHOTOCELL	6.6	2
	1	SL3	S1B	NEW 60W STREET LIGHT ON 9.6m CoS SMART Pole - with 2m arm	60W PHILIPS ROADFLAIR BRP593 WITH NEMA 7-PIN PHOTOCELL	9	2
	2	SL4	S1B	NEW 60W STREET LIGHT ON 9.6m CoS SMART Pole - with 2m arm	60W PHILIPS ROADFLAIR BRP593 WITH NEMA 7-PIN PHOTOCELL	9	2
	2	FL1	S1B	SASTA MAXIMUS Pedx Flood light - on 3m arm	SASTA MAXIMUS G2 PXS 110W 4K F+R GS - 250726APH	9	0

ELECTRICAL LEGEND		
ITEM NO	ITEM	SYMBOL
1	3 X Ø 63mm ELECTRICAL CONDUITS	ELEC
2	3 X Ø 50mm COMMUNICATION CONDUITS	COMM
3	600mm X 600mm PIT	

NOTES: Refer to Sheet 006 for details

NOTES:

SCOPE OF WORKS:

- THE SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING TASKS:
- INSTALLATION OF LIGHTING LAYOUT AS PER DEP LIGHTING DESIGN ON SHEETS 009 TO 015 OF THIS DESIGN SET.
 - SUPPLY AND INSTALLATION OF LUMINAIRES AND POLES IN ACCORDANCE WITH COS TECHNICAL SPECIFICATIONS A5 AND B8
 - LABELLING OF LIGHT POLES
 - INSTALLATION OF PIT AND CONDUIT SYSTEMS
 - PROVISION OF EARTHING AND ELECTRICAL PROTECTION
 - ELECTRICAL EXTENSION FROM THE STAGE 3 MAIN SWITCHBOARD

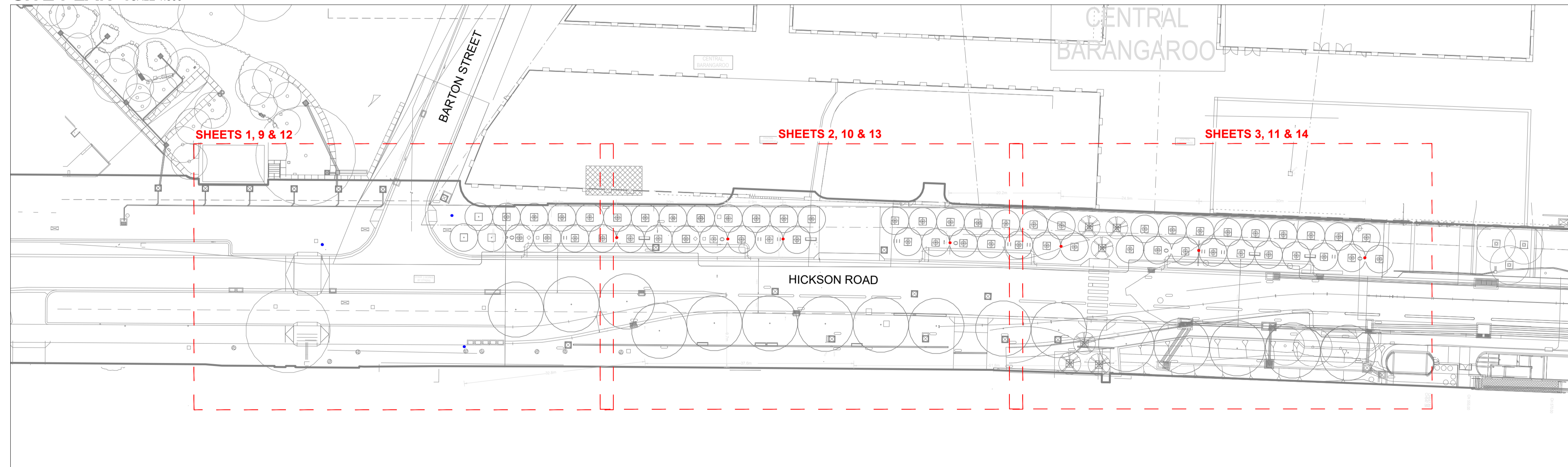
ELECTRICAL DESIGN NOTES:

- ELECTRICAL SERVICES DRAWINGS MUST BE REVIEWED ALONGSIDE ALL OTHER CONSULTANT DRAWINGS AND THE CITY OF SYDNEY A5 AND B8 TECHNICAL SPECIFICATIONS.
- IN CASES WHERE DISCREPANCIES ARE FOUND IN THE ELECTRICAL DRAWINGS, THE CONTRACTOR MUST ALLOW FOR THE LARGER OR MORE COMPREHENSIVE OPTION. ANY INCONSISTENCIES MUST BE REPORTED TO THE SUPERINTENDENT BEFORE WORK CONTINUES.
- ALL MATERIALS AND WORKMANSHIP MUST COMPLY WITH CURRENT S.A.A. CODES, RELEVANT BY-LAWS, AND ORDINANCES. THE ELECTRICAL INSTALLATION MUST ADHERE TO NSW SERVICE AND INSTALLATION RULES, AS3000, AS3008, AS3439, AS2293, AS3080, AS3084, AS/ACIF S008, AS/ACIF S009, AND THE NATIONAL CONSTRUCTION CODE.
- ALL SWITCHBOARD CIRCUIT BREAKERS MUST BE TESTED FOR SAFE OPERATION PRIOR TO CONNECTING EQUIPMENT AND ACCESSORIES. TEMPORARY CONSTRUCTION POWER CONNECTIONS MUST INCLUDE A 30mA RESIDUAL CURRENT DEVICE (RCD).
- ALL DIMENSIONS MUST BE VERIFIED ON SITE. ENGINEER'S DRAWINGS ARE NOT TO BE SCALED.
- ANY ALTERNATIVE EQUIPMENT PROPOSED IN THE TENDER MUST RECEIVE SUPERINTENDENT APPROVAL. ADDITIONAL COSTS MAY APPLY FOR THE EVALUATION OF SUBSTITUTES.
- THE SCOPE OF WORKS SHOWN IS INDICATIVE ONLY. THE CONTRACTOR MUST CARRY OUT ALL NECESSARY WORK TO COMPLETE THE INSTALLATION IN ACCORDANCE WITH AS3000 AND RELEVANT AUTHORITY REQUIREMENTS, REGARDLESS OF WHETHER EVERY DETAIL IS SHOWN IN THE DRAWINGS.
- TENDERERS MUST VISIT THE SITE, REVIEW THE CONSTRUCTION AND ELECTRICAL DRAWINGS, AND PERFORM ANY NECESSARY SITE SURVEYS TO PLAN AND CARRY OUT THE WORKS PROPERLY. NO CLAIMS FOR COST OR TIME EXTENSIONS WILL BE ACCEPTED DUE TO LACK OF SITE KNOWLEDGE OR INSUFFICIENT INFORMATION DURING TENDERING.
- LIGHTING AND EQUIPMENT LOCATIONS ARE DETERMINED BY THE CORRESPONDING LIGHTING DESIGN ON SHEETS 009 TO 015 OF THIS DESIGN SET, AND IT IS INDICATIVE ONLY. THE CONTRACTOR MUST CONFIRM ACTUAL LOCATIONS ON SITE PRIOR TO INSTALLATION. EQUIPMENT OR OUTLET RELOCATIONS WITHIN 2 METRES DO NOT CONSTITUTE GROUNDS FOR A VARIATION.
- INSTALL NEW Ø63mm ELECTRICAL CONDUITS AS DETAILED IN THE DOCUMENTATION.
- INSTALL NEW Ø50mm COMMUNICATIONS CONDUITS AS INDICATED IN THE DOCUMENTATION.
- SUPPLY AND INSTALL 4-CORE + EARTH 16mm² XLPE CABLE TO FEED NEW POLES AS SHOWN. REFER TO SHEETS 005, 006 AND 007 FOR LAYOUT AND SINGLE-LINE DIAGRAM.
- PROVIDE INDIVIDUAL RCD PROTECTION FOR EACH LIGHTING CIRCUIT.
- THE EARTHING CABLE MUST BE CONNECTED TO THE INTERNAL EARTH STUD OF EACH POLE.
- LIGHTING FIXTURES MUST MATCH THE COLOUR AND FINISH SPECIFIED IN THE CITY OF SYDNEY TECHNICAL SPECIFICATION.
- POLE DETAILS & STREET LIGHT DETAILS: REFER TO SHEET 005, AND THE CITY OF SYDNEY TECHNICAL SPECIFICATION.
- ALL POWER CABLES MUST BE COPPER WITH STRANDED CONDUCTORS AND INSTALLED IN ACCORDANCE WITH AS3008.
- POWER CABLES AND EXTRA-LOW VOLTAGE CABLING (E.G. COMMUNICATIONS, MATV, CCTV, ACCESS CONTROL, INTERCOM) MUST BE EITHER SEPARATED BY AT LEAST 50mm OR DIVIDED BY A SUITABLE BARRIER.
- NOTIFY THE SUPERINTENDENT IN WRITING AT LEAST 7 DAYS BEFORE ANY PLANNED SHUTDOWN OF EXISTING SERVICES. WRITTEN APPROVAL MUST BE RECEIVED BEFORE PROCEEDING.
- CONTRACTOR MUST HANDLE ALL CABLE PENETRATIONS AND ENSURE APPROPRIATE FIRE SEALING POST-INSTALLATION. CERTIFICATION OF FIRE SEALING IS REQUIRED.
- COORDINATE WITH ALL OTHER TRADES TO ENSURE EFFICIENT INSTALLATION AND PREVENT REWORK. NO VARIATION WILL BE ACCEPTED DUE TO LACK OF COORDINATION.

EXTENSION FROM STAGE 3 LIGHTS:

- THE FOLLOWING CONDUIT ROUTES FOR STAGE 3 LIGHTS WILL BE EXTENDED TO POWER STAGE 4 STREETLIGHTS IN THE FOLLOWING ARRANGEMENTS:
 - ROUTE 1 (ON THE WESTERN SIDE OF STAGE 4 AREA) - EXTENDED FROM STAGE 3 POLE NO.9 - CONNECTING 8 NEW POLES.
 - ROUTE 2 (ON THE EASTERN SIDE OF STAGE 4 AREA) - EXTENDED FROM STAGE 3 POLE NO.4 - CONNECTING 4 NEW POLES.
- REFER TO STAGE 3 LIGHTING DESIGN PACKAGE FOR DETAILS OF STAGE 3 POLES.
- REFER TO SHEET 007 FOR STAGE 3 MSB SINGLE LINE DIAGRAM.

SITE PLAN SCALE 1:500



DESIGN SHEET SCHEDULE			
SHEET	TITLE	SIZE	REV
001	COVER PAGE	A1	00
002	LIGHTING AND ELECTRICAL LAYOUT PLAN 1	A1	00
003	LIGHTING AND ELECTRICAL LAYOUT PLAN 2	A1	00
004	LIGHTING AND ELECTRICAL LAYOUT PLAN 3	A1	00
005	STREETLIGHTS AND POLES DETAILS	A1	00
006	CONDUITS AND PITS DETAILS	A1	00
007	MSB DESIGN	A1	00
008	VD CALC & SL SCHEMATIC	A1	00
009	STREETLIGHTING DESIGN (HORIZONTAL) PLAN 1	A1	00
010	STREETLIGHTING DESIGN (HORIZONTAL) PLAN 2	A1	00
011	STREETLIGHTING DESIGN (HORIZONTAL) PLAN 3	A1	00
012	STREETLIGHTING DESIGN (VERTICAL) PLAN 1	A1	00
013	STREETLIGHTING DESIGN (VERTICAL) PLAN 2	A1	00
014	STREETLIGHTING DESIGN (VERTICAL) PLAN 3	A1	00
015	STREETLIGHTING DESIGN (AGI32 TABLES)	A1	00

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	ISSUE FOR APPROVAL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2, AND 3, HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

02 9525 9318 ASP No. 4615
depconsulting.com.au

Level 3, Suite D1668-672 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9525 9318 Email Address: mail@depcosulting.com

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9238 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

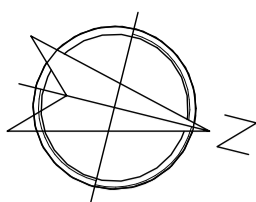
Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9269 9333 Email Address: publicdomain@cityofsydney.nsw.gov.au

PROJECT:

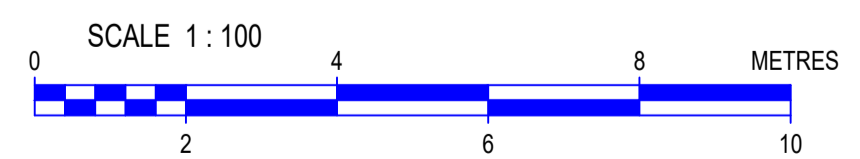
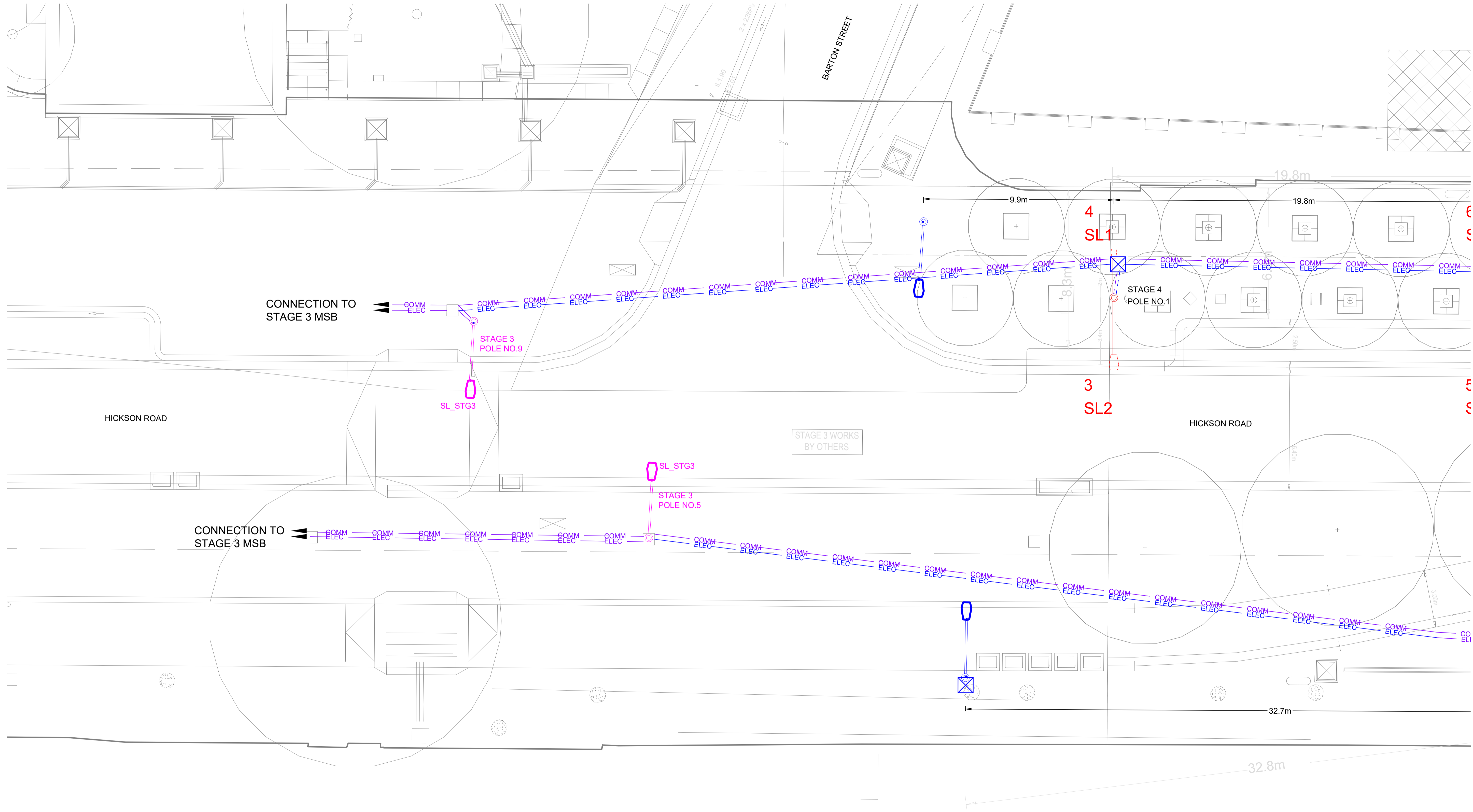
HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

CERTIFICATION NO: TBC
PROJECT DA: TBC

PROJECT NO:	240208	REVISION	00	SHEET ON	ISSUE
SCALE:	AS SHOWN			A1	SUBMISSION TO COUNCIL
MAP REF:	240059-01-CC-C05.01-C05.03	DRAWING TITLE			
DRAWN BY:	R Dahal / E Derry	COVER PAGE			
CHECKED BY:	B Stringer				
LIGHTING DESIGN:	240208-L-1 [0]	DRAWING NO:	240208-E	SHEET NO:	001
PAGE NO:	1 OF 15	DATE PRINTED:	12/12/2025	DESIGNED BY:	S Luo



LIGHTING AND ELECTRICAL LAYOUT PLAN 1



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au

Level 3, Suite D166/472 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9239 9848 Email Address: STEVE.LUCO@DEPCONS.COM

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: publiccomms@cityofsydney.nsw.gov.au

PROJECT:

HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

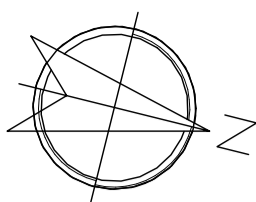
CERTIFICATION NO.: TBC
PROJECT DA: TBC

PROJECT NO.: 240208
SCALE: AS SHOWN
MAP REF: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO.: 2 OF 15

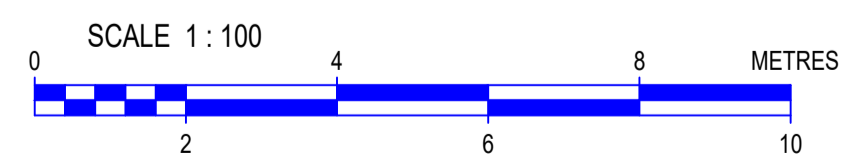
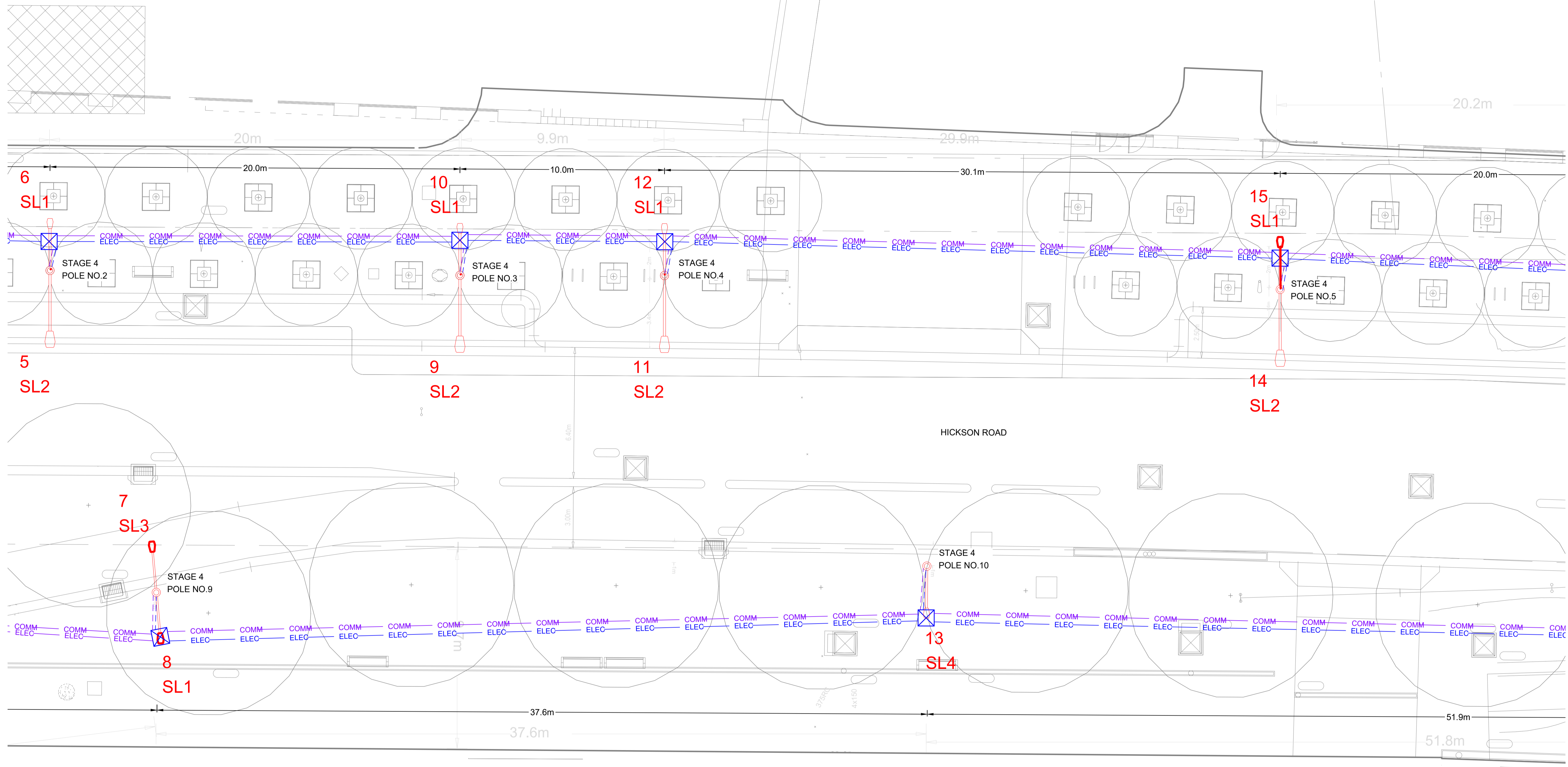
REVISION	SHEET ON	ISSUE
00	A1	SUBMISSION TO COUNCIL

DRAWING TITLE: ELECTRICAL DESIGN
PART 1 OF 3

DRAWING NO.: 240208-E
DATE PRINTED: 12/12/2025
SHEET NO.: 002
DESIGNED BY: S Luo



LIGHTING AND ELECTRICAL LAYOUT PLAN 2



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au

Level 3, Suite D166/472 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9216 5700 Email Address: steve.luo@depcos.com

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: publicaffairs@cityofsydney.nsw.gov.au

PROJECT:
HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

CERTIFICATION NO.: TBC
PROJECT DA: TBC

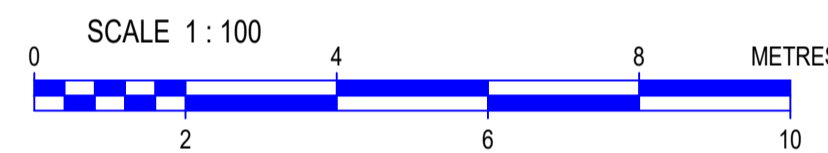
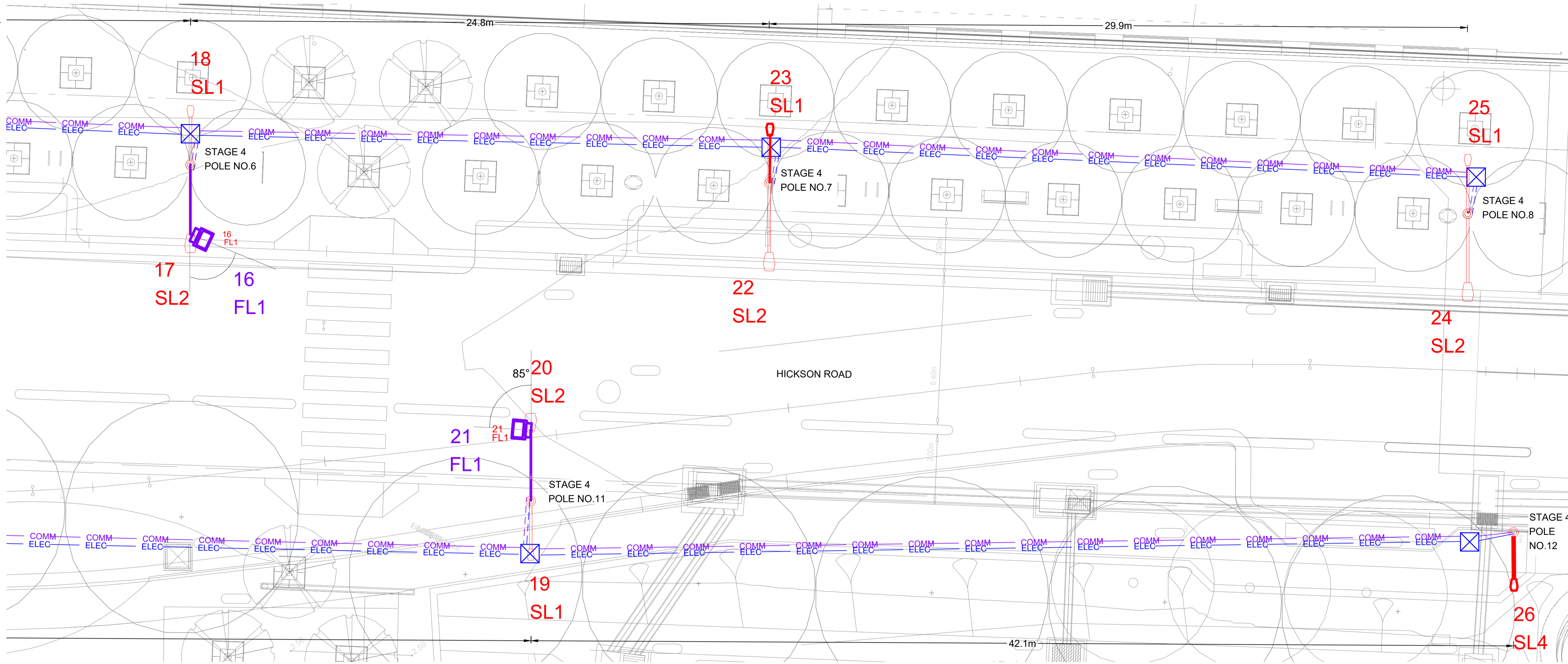
PROJECT NO.: 240208
SCALE: AS SHOWN
MAP REF.: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO.: 3 OF 15

REVISION	SHEET ON	ISSUE
00	A1	SUBMISSION TO COUNCIL

DRAWING TITLE:
ELECTRICAL DESIGN
PART 2 OF 3

DRAWING NO.: 240208-E
DATE PRINTED: 12/12/2025
SHEET NO.: 003
DESIGNED BY: S Luo

LIGHTING AND ELECTRICAL LAYOUT PLAN 3



NEW SMART POLE SCHEDULE

Pole No.	Smart Pole Specifications	Pole Offset to Kerb	Pole Mounting Installation	Location	Pole Colour	Pole Height Inclusive of Outreach Arm	Luminaire ID			Luminaire Specifications			Luminaire Mounting Height (m)			Luminaire Bracket Length (m)			Tilt (Degrees)	GPO ID
							Road	Footpath	Flood	Road	Footpath	Flood	Road	Footpath	Flood	Road	Footpath	Flood		
1, 4, 8	S1B	3.5m	RAGBOLT	HICKSON ROAD (WEST SIDE)	SILVER	9.6m	SL2	SL1	-	PHILIPS ROADFLAIR BRP593 125W WITH NEMA 7-PIN PHOTOCELL	PHILIPS ROADFLAIR BRP593 60W WITH NEMA 7-PIN PHOTOCELL	-	9	6	-	3	2	-	0	-
2, 3, 5, 7		1.4m					SL2	SL1	FL1	PHILIPS ROADFLAIR BRP593 125W WITH NEMA 7-PIN PHOTOCELL	PHILIPS ROADFLAIR BRP593 60W WITH NEMA 7-PIN PHOTOCELL	SYLVANIA SCHREDER SASTAMAXIMUS G2 PXS 110W 4K F+R GS - 250726APH	9	6	9	3	2	3	0	-
6	S1B	3.5m	RAGBOLT	HICKSON ROAD (WEST SIDE)	SILVER	9.6m	SL2	SL1	FL1	PHILIPS ROADFLAIR BRP593 125W	PHILIPS ROADFLAIR BRP593 60W WITH NEMA 7-PIN PHOTOCELL	SYLVANIA SCHREDER SASTAMAXIMUS G2 PXS 110W 4K F+R GS - 250726APH	9	6	9	3	2	3	0	-
11	S1B	1m	RAGBOLT	HICKSON ROAD (EAST SIDE)	SILVER	9.6m	SL2	SL1	FL1	PHILIPS ROADFLAIR BRP593 125W	PHILIPS ROADFLAIR BRP593 60W WITH NEMA 7-PIN PHOTOCELL	SYLVANIA SCHREDER SASTAMAXIMUS G2 PXS 110W 4K F+R GS - 250726APH	9	6	9	3	2	3	0	-
9	S1B	1m	RAGBOLT	HICKSON ROAD (EAST SIDE)	SILVER	9.6m	SL3	SL1	-	PHILIPS ROADFLAIR BRP593 60W WITH NEMA 7-PIN PHOTOCELL	PHILIPS ROADFLAIR BRP593 60W WITH NEMA 7-PIN PHOTOCELL	-	9	6	-	3	2	-	0	-
10,12	S1B	1m	RAGBOLT	HICKSON ROAD (EAST SIDE)	SILVER	9.6m	-	SL4	-	-	PHILIPS ROADFLAIR BRP593 60W WITH NEMA 7-PIN PHOTOCELL	-	9	-	-	2	-	-	0	-

EXISTING SMART POLE SCHEDULE

Pole No.	Smart Pole Specifications	Pole Offset to Kerb	Pole Mounting Installation	Location	Pole Colour	Pole Height Inclusive of Outreach Arm	Luminaire ID			Luminaire Specifications			Luminaire Mounting Height (m)			Luminaire Bracket Length (m)			Tilt (Degrees)	GPO ID
							Road	Footpath	Flood	Road	Footpath	Flood	Road	Footpath	Flood	Road	Footpath	Flood		
N/A	S1B	0.6m	RAGBOLT	HICKSON ROAD (EAST SIDE)	SILVER	9.6m	EX1	-	-	GE ECO Gen 2 160W_ with NIMA 7 Pin controller	-	-	9	-	-	3	-	-	0	-
N/A	S1B	4.2m	RAGBOLT	HICKSON ROAD (WEST SIDE)	SILVER	9.6m	EX1	-	-	GE ECO Gen 2 160W_ with NIMA 7 Pin controller	-	-	9	-	-	3	-	-	0	-

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:
 1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
 2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
 3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

 02 9525 9318 ASP No. 4615
 depconsulting.com.au
 Level 3, Suite D1668472 Old Prices Hwy, Sutherland NSW 2232
 TEL: +61 2 9525 9318 Email Address: STEVE.LUO@DEPCONS.COM

CLIENT:

 Level 27/201 Kent St, Sydney NSW 2000
 TEL: +61 2 9216 5100 Email Address: mail@infrastructure.nsw.gov.au

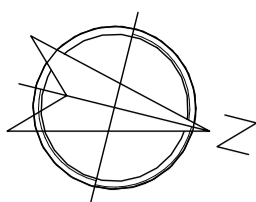
AUTHORITY:

 Level 2, 456 Kent Street, Sydney, NSW 2000
 TEL: +61 2 9265 9333 Email Address: publiccomment@cityofsydney.nsw.gov.au

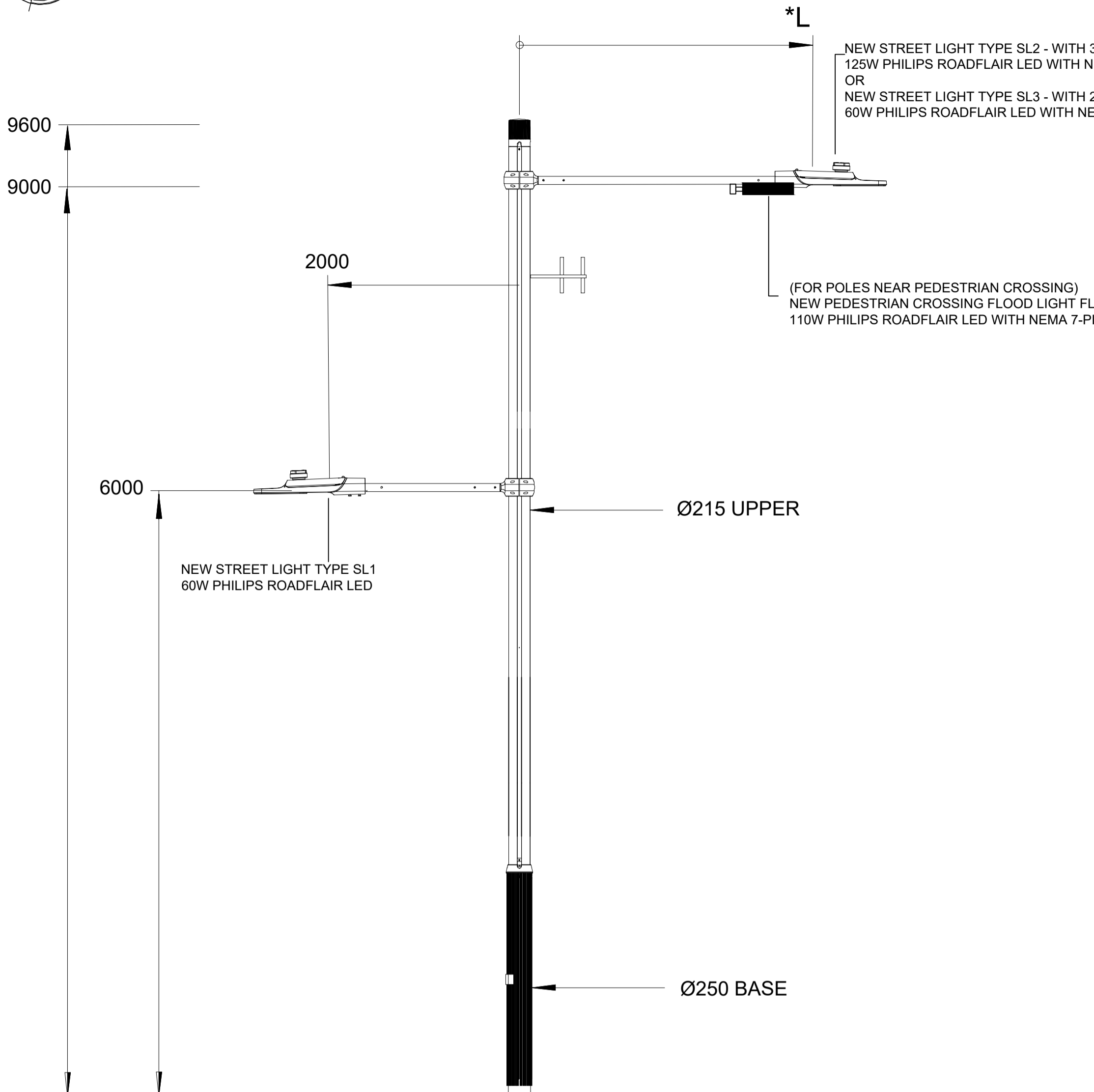
PROJECT:
 HICKSON ROAD STAGE 4
 HICKSON ROAD, BARANGAROO NSW 2000

PROJECT NO: 240208
SCALE: AS SHOWN
MAP REF: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO: 4 OF 15

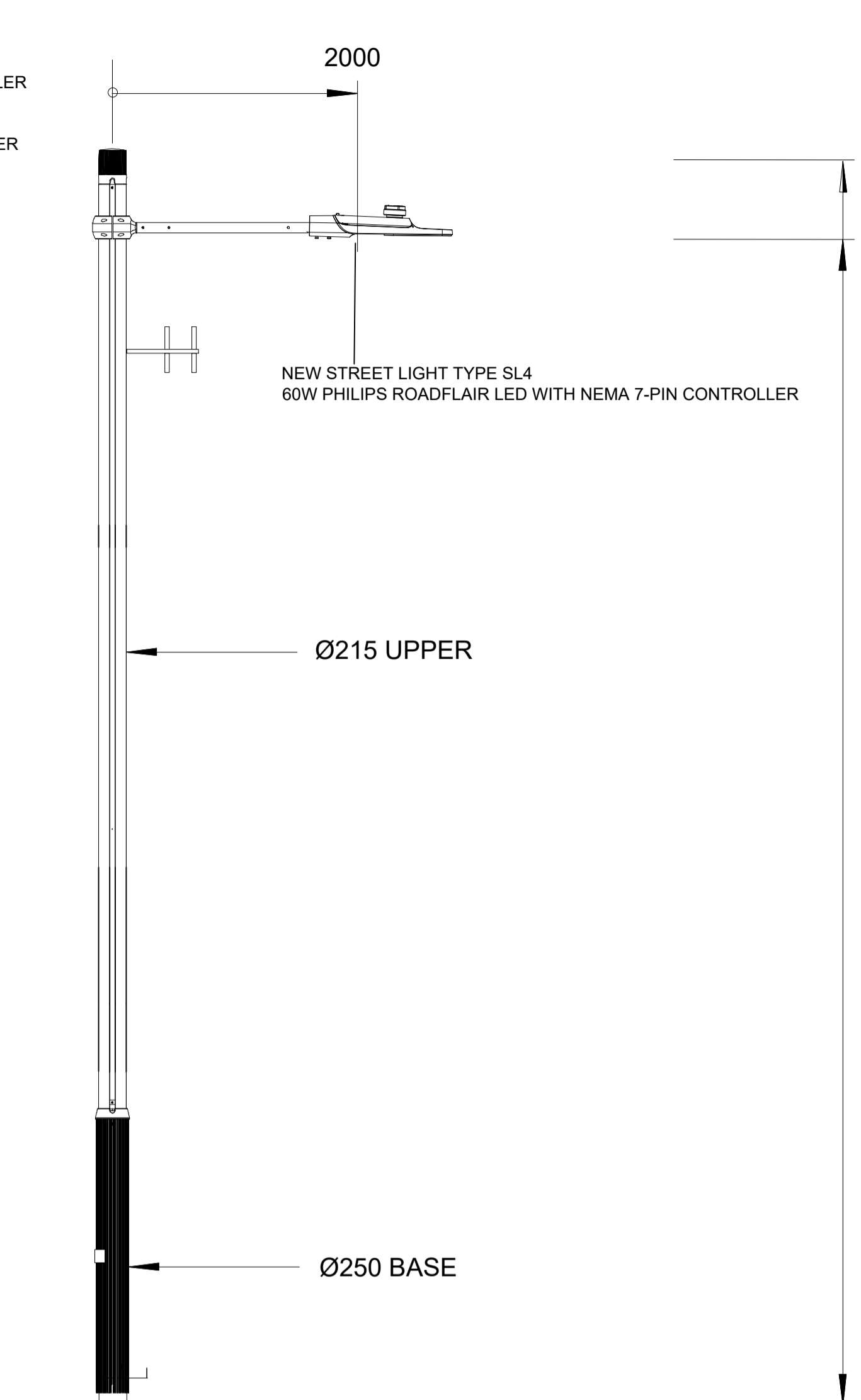
REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL
DRAWING TITLE ELECTRICAL DESIGN
PART 3 OF 3
DRAWING NO: 240208-E **SHEET NO:** 004
DATE PRINTED: 12/12/2025 **DESIGNED BY:** S LUO



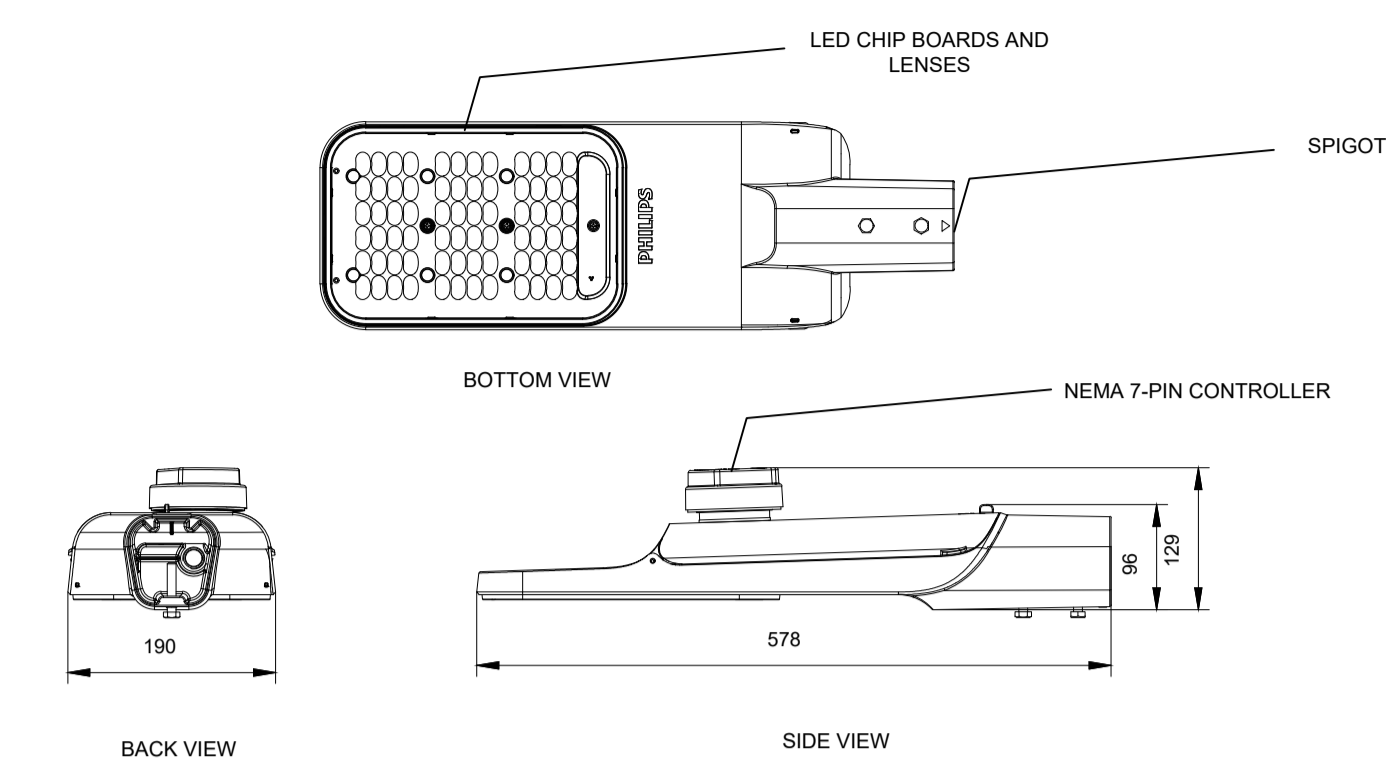
NEW SMART POLE TYPE 1 - HUB S1B 9.6m
WITH BACK TO BACK ARMS



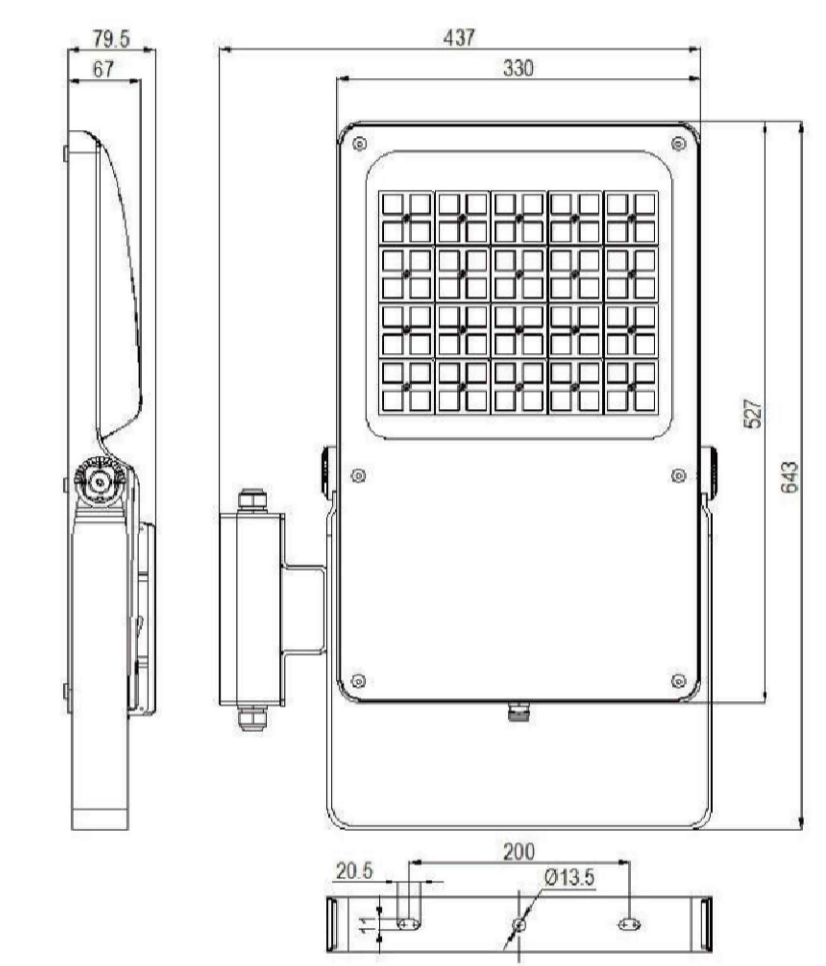
NEW SMART POLE TYPE 2 - HUB S1B 9.6m
WITH SINGLE ARMS



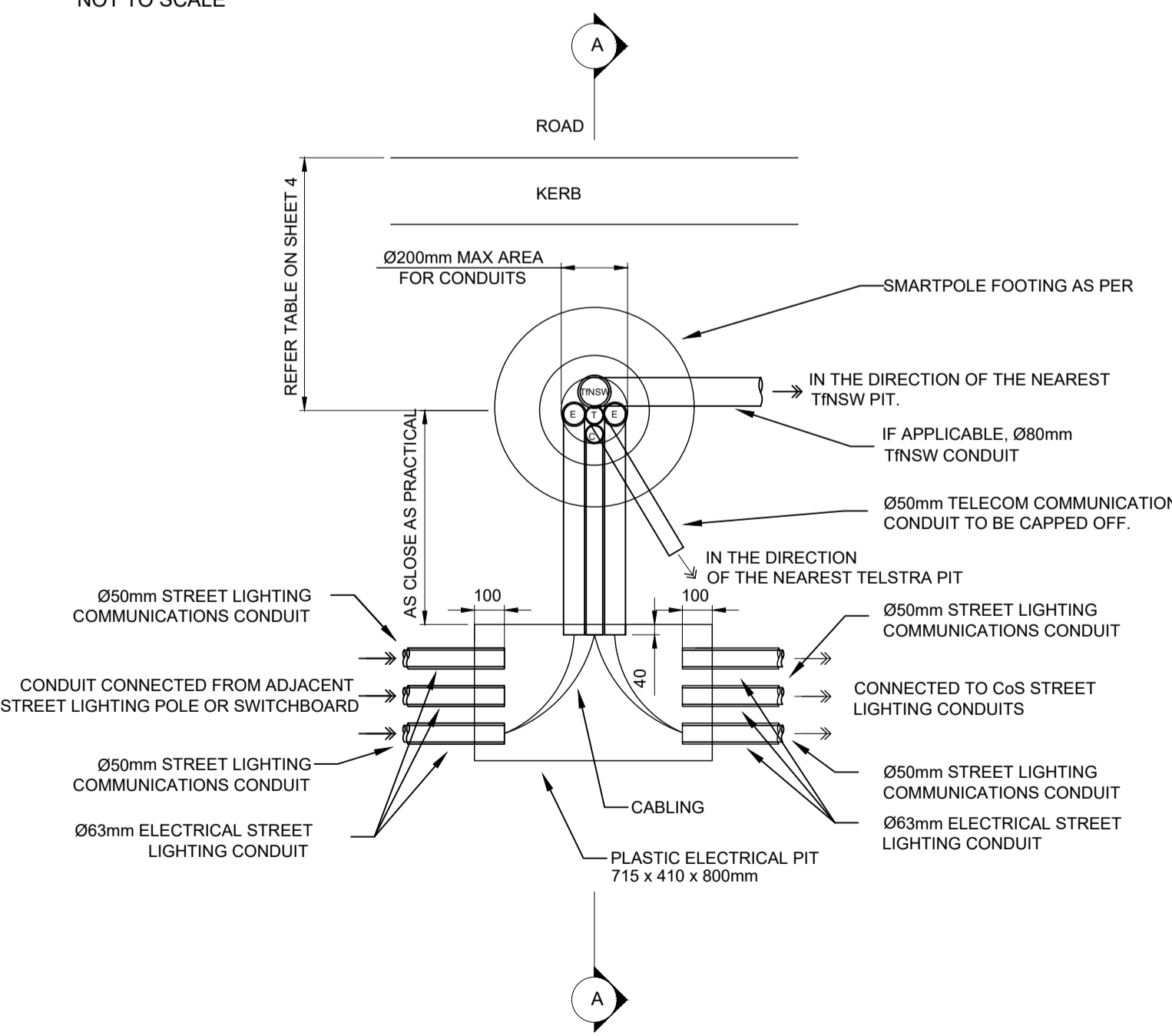
NEW PHILIPS ROADFLAIR LED - 125W AND 60W
TYPE SL1, SL2, SL3 AND SL4



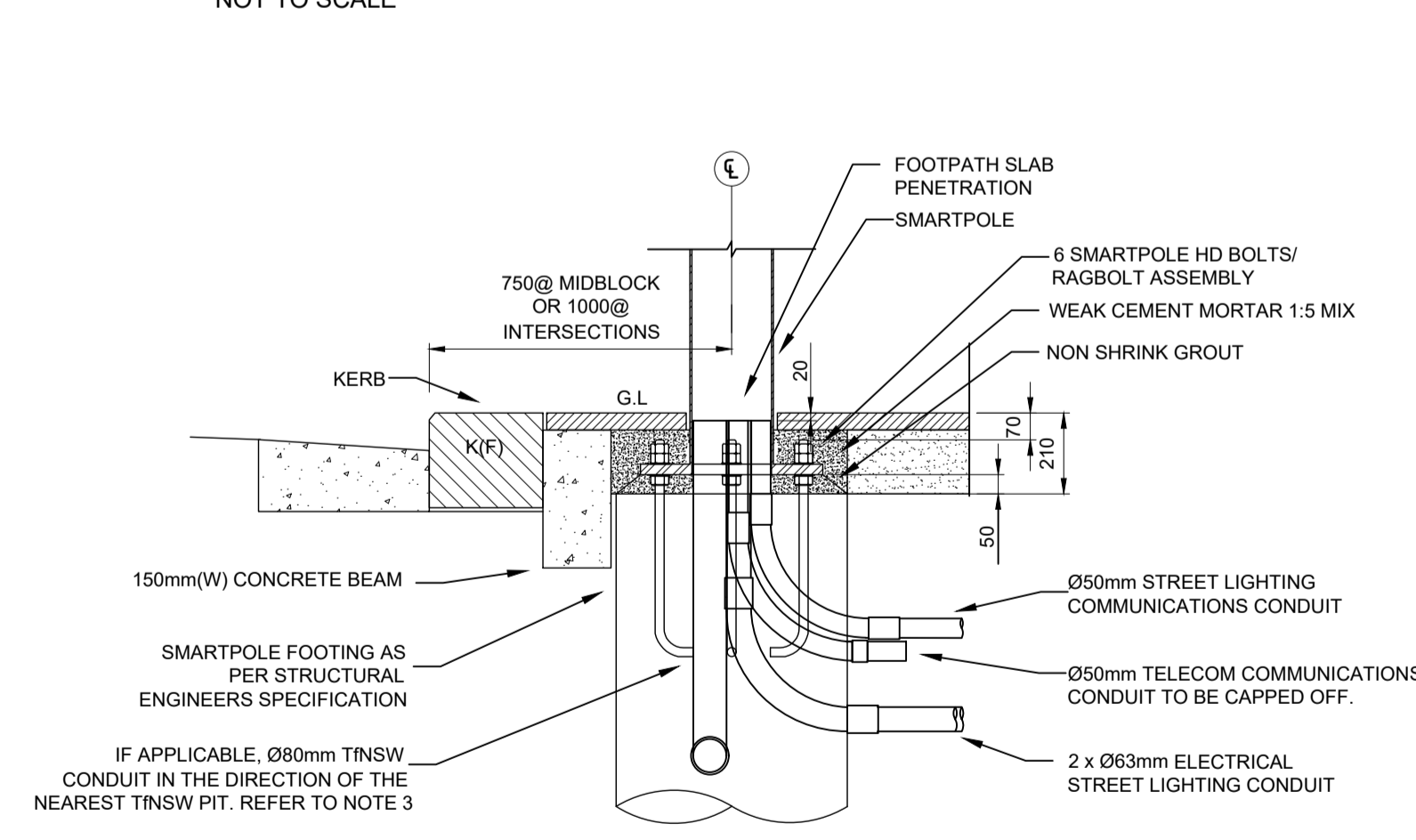
NEW SCHRÉDER-SYLVANIA SASTA MAXIMUS PEDESTRIAN FLOOD LIGHT - 110W
TYPE FL1



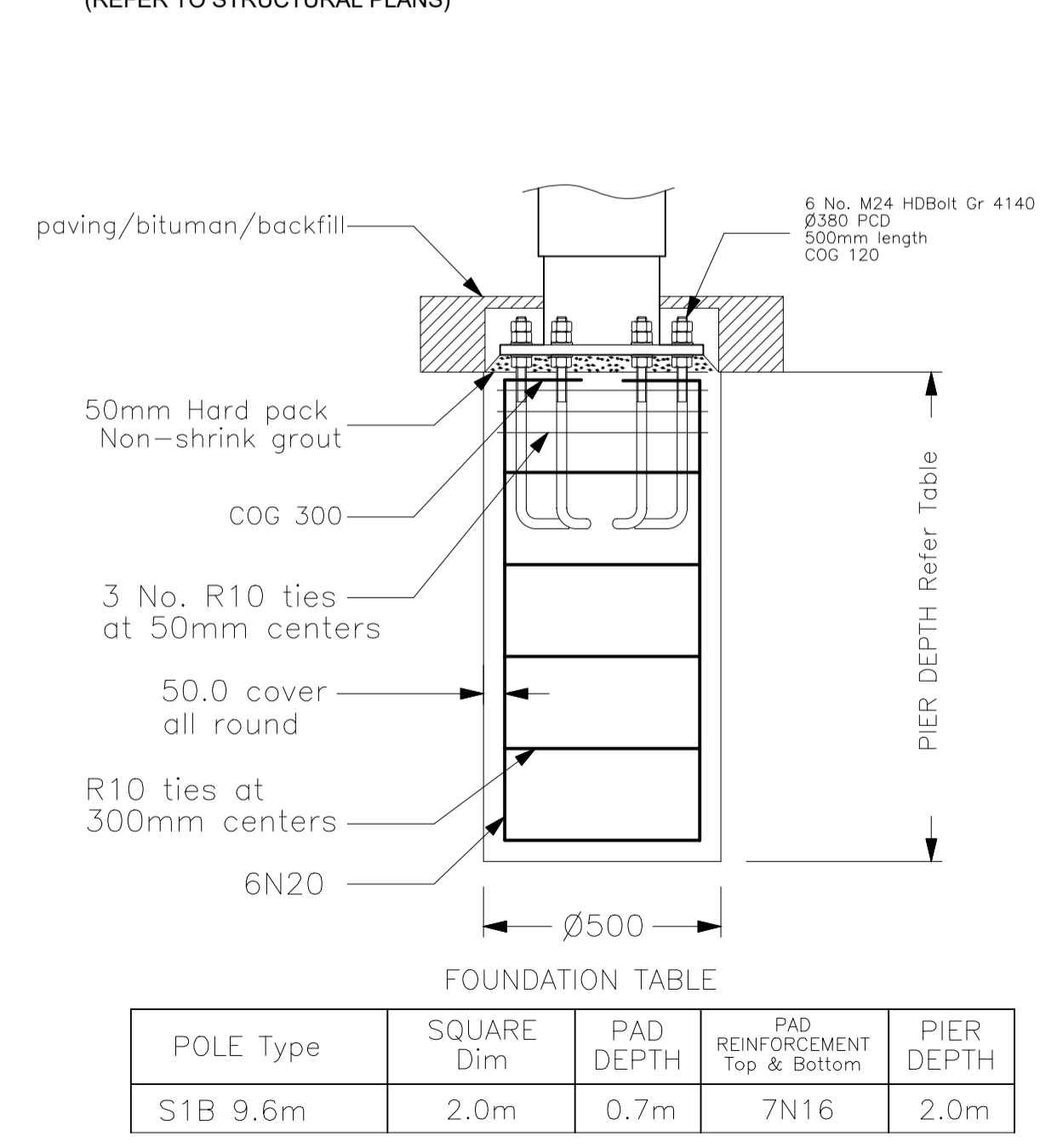
CONDUIT ARRANGEMENTS AT POLE BASE
NOT TO SCALE



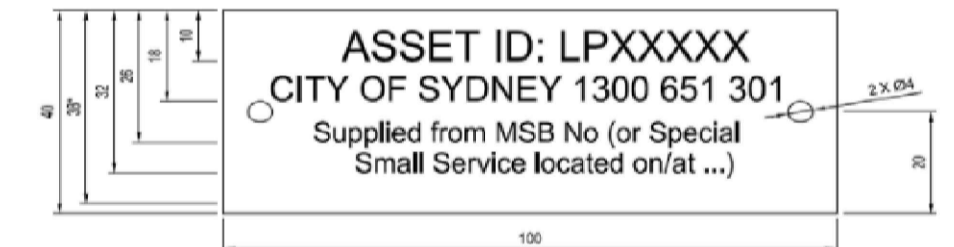
SECTION A-A
NOT TO SCALE



TYPICAL FOOTING DETAIL
(REFER TO STRUCTURAL PLANS)

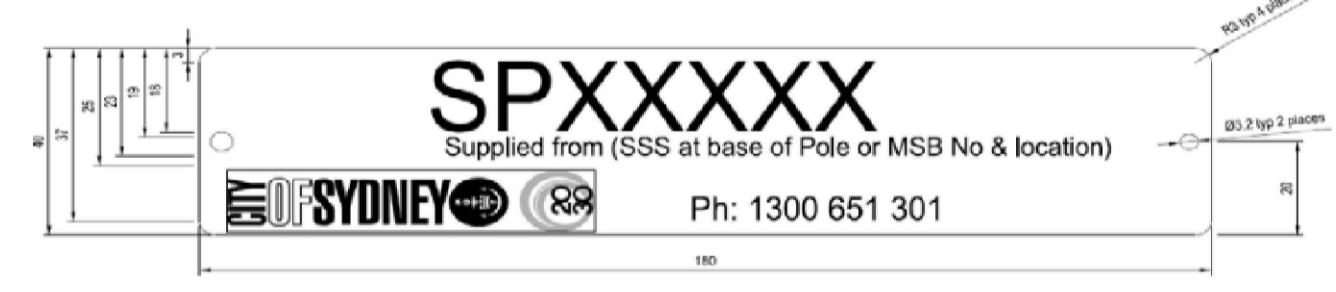


POLE ID PLATE



POLE ID PLATE DETAILS

SMART POLE ID PLATE



SMART POLE ID PLATE DETAILS

POLE ASSET PLATE DETAILS

- NOTES:
- ARIAL NARROW 6mm HIGH FOR THE FIRST LINE OF TEXT
 - ARIAL NARROW 5mm HIGH FOR THE SECOND LINE OF TEXT
 - ARIAL NARROW 4mm HIGH FOR THE THIRD LINE OF TEXT
 - DENOTES SPACE FOR THE 5TH LINE OF TEXT
 - MATERIAL IS ALUMINUM 0.8mm THICK
 - PLATE IS FITTED WITH 2 STAINLESS STEEL RIVETS OR SELF-DRILLING SCREWS
 - TEXT TO BE ENGRAVED

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
1	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au

CLIENT:

AUTHORITY:

PROJECT:

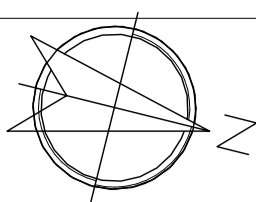
HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

PROJECT NO: 240208
SCALE: AS SHOWN
MAP REF: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO: 5 OF 15

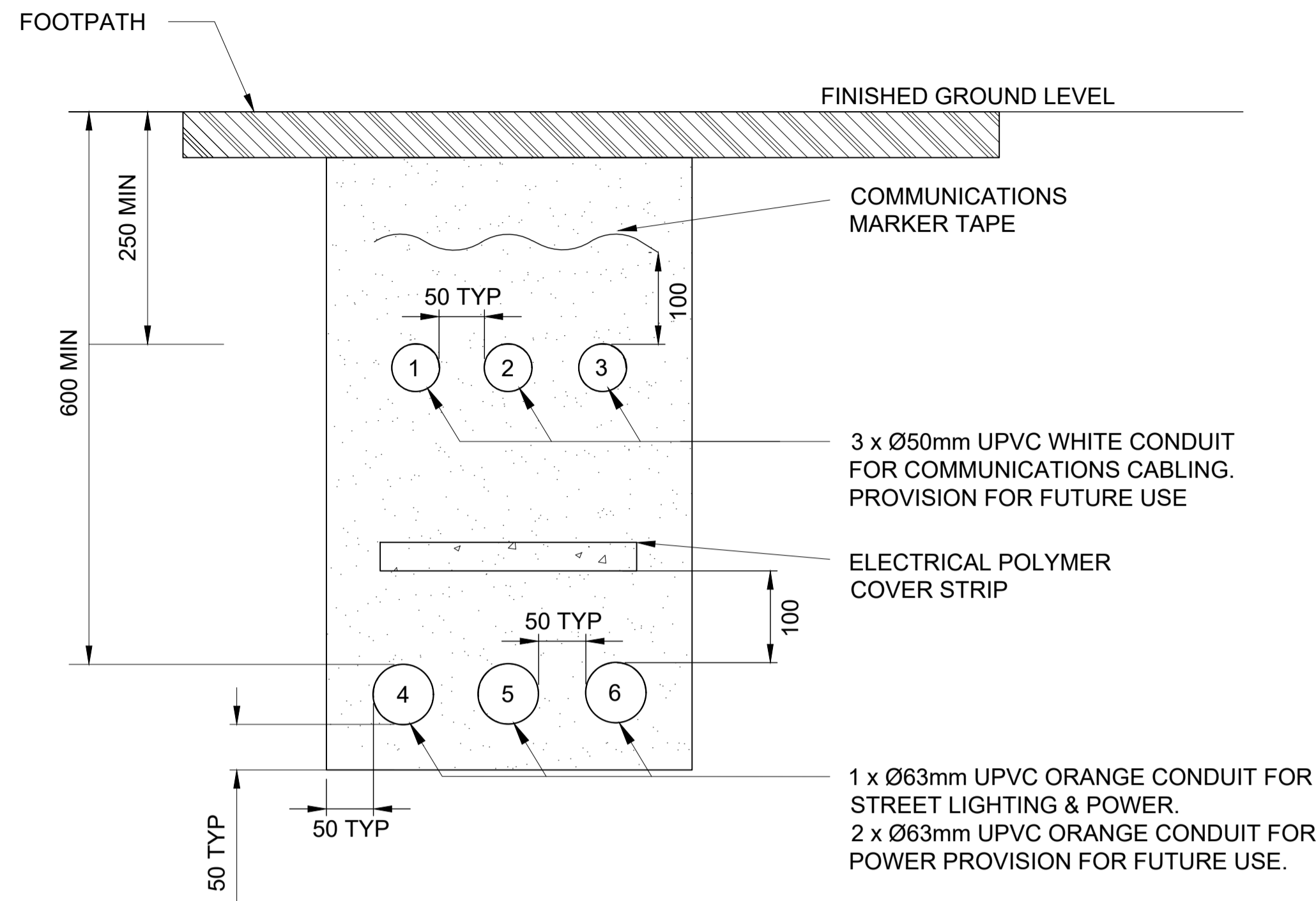
REVISION 00
SHEET ON A1
ISSUE SUBMISSION TO COUNCIL

DRAWING TITLE SMART POLE AND STREET LIGHT DETAILS

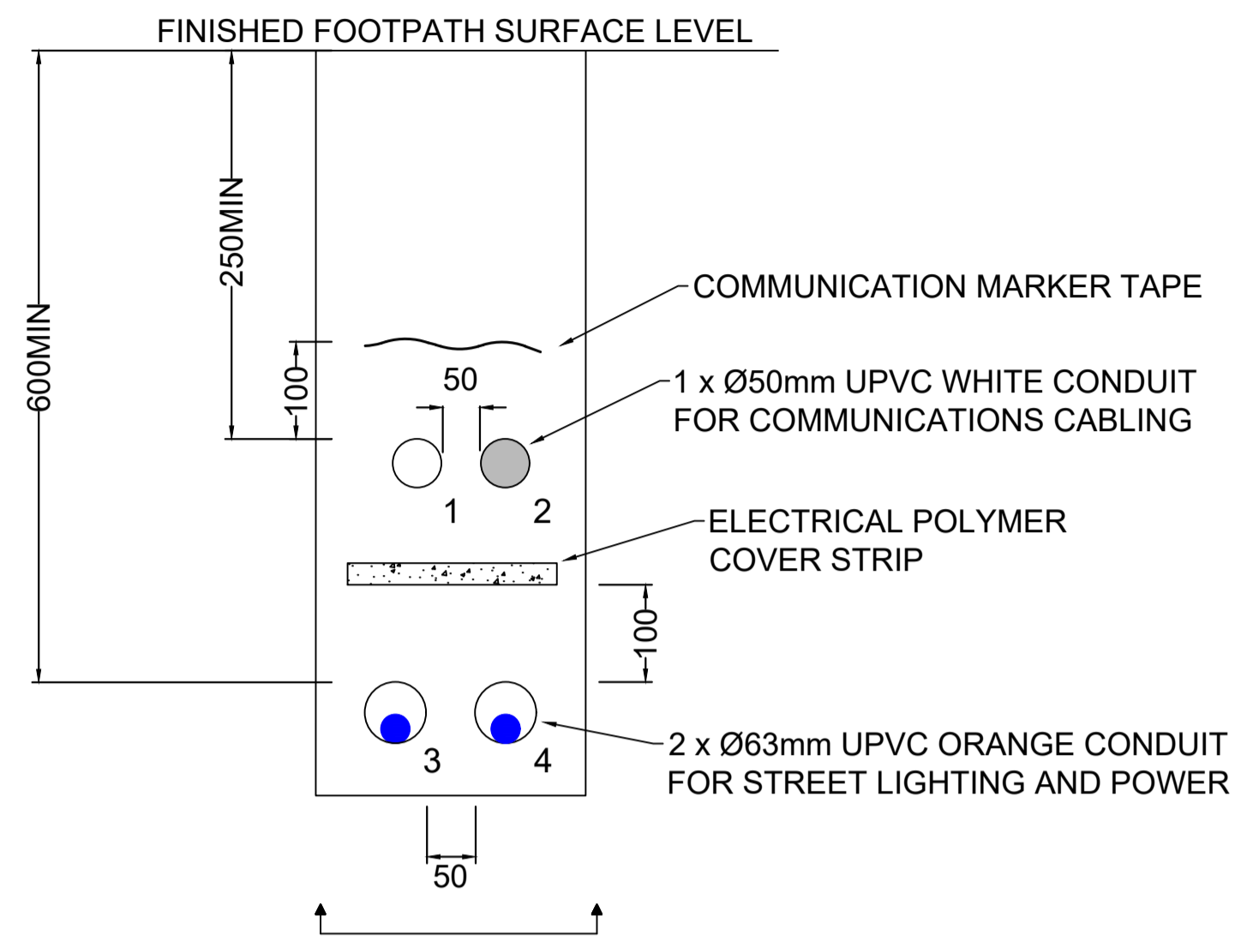
DRAWING NO: 240208-E
SHEET NO: 005
DATE PRINTED: 12/12/2025
DESIGNED BY: S LUO



TYPICAL ELECTRICAL & COMMS CONDUIT ARRANGEMENT FOOTPATH & GARDEN AREA

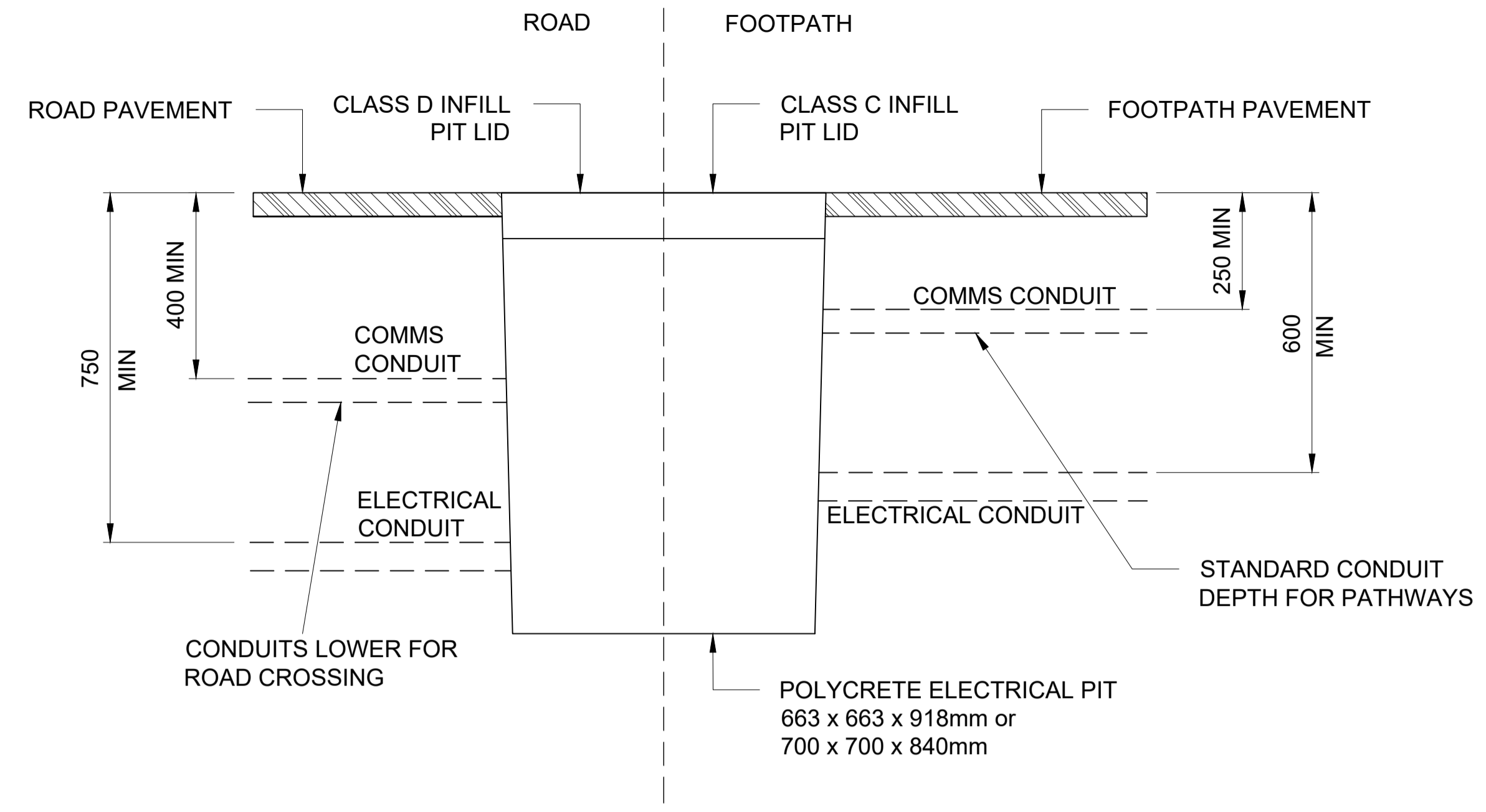


SECTION DETAIL PIT TO SMART POLE

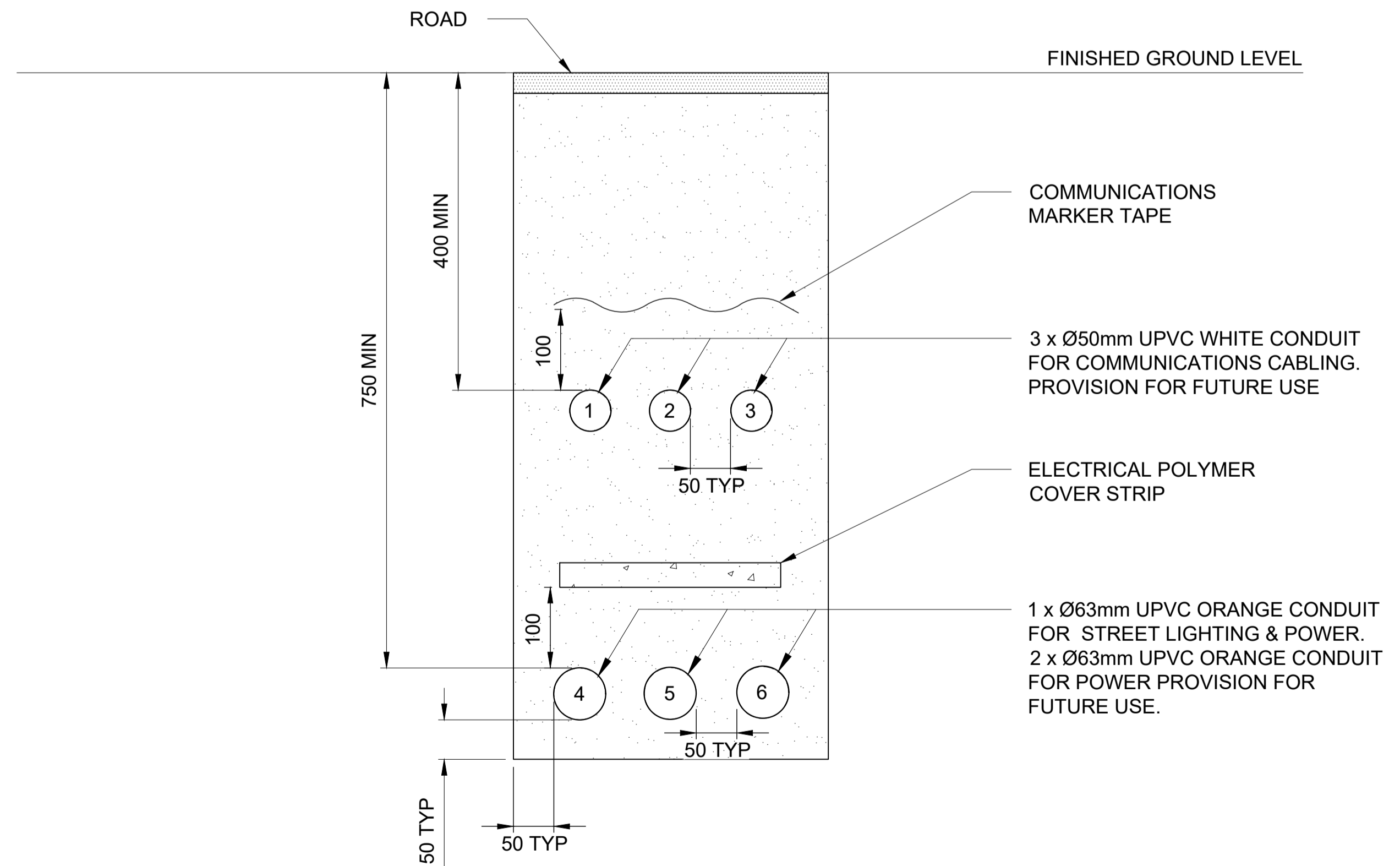


- 1 - NEW SPARE 50mm COMMS CONDUIT
- 2 - NEW SPARE 50mm COMMS CONDUIT
- 3 - INSTALL 1 X 16mm²/ 4C+E CU/PVC/XLPE IN 63mm CONDUIT
- 4 - INSTALL 1 X 16mm²/ 4C+E CU/PVC/XLPE IN 63mm CONDUIT

ELECTRICAL PIT ARRANGEMENT FOR ROAD / FOOTPATH NTS

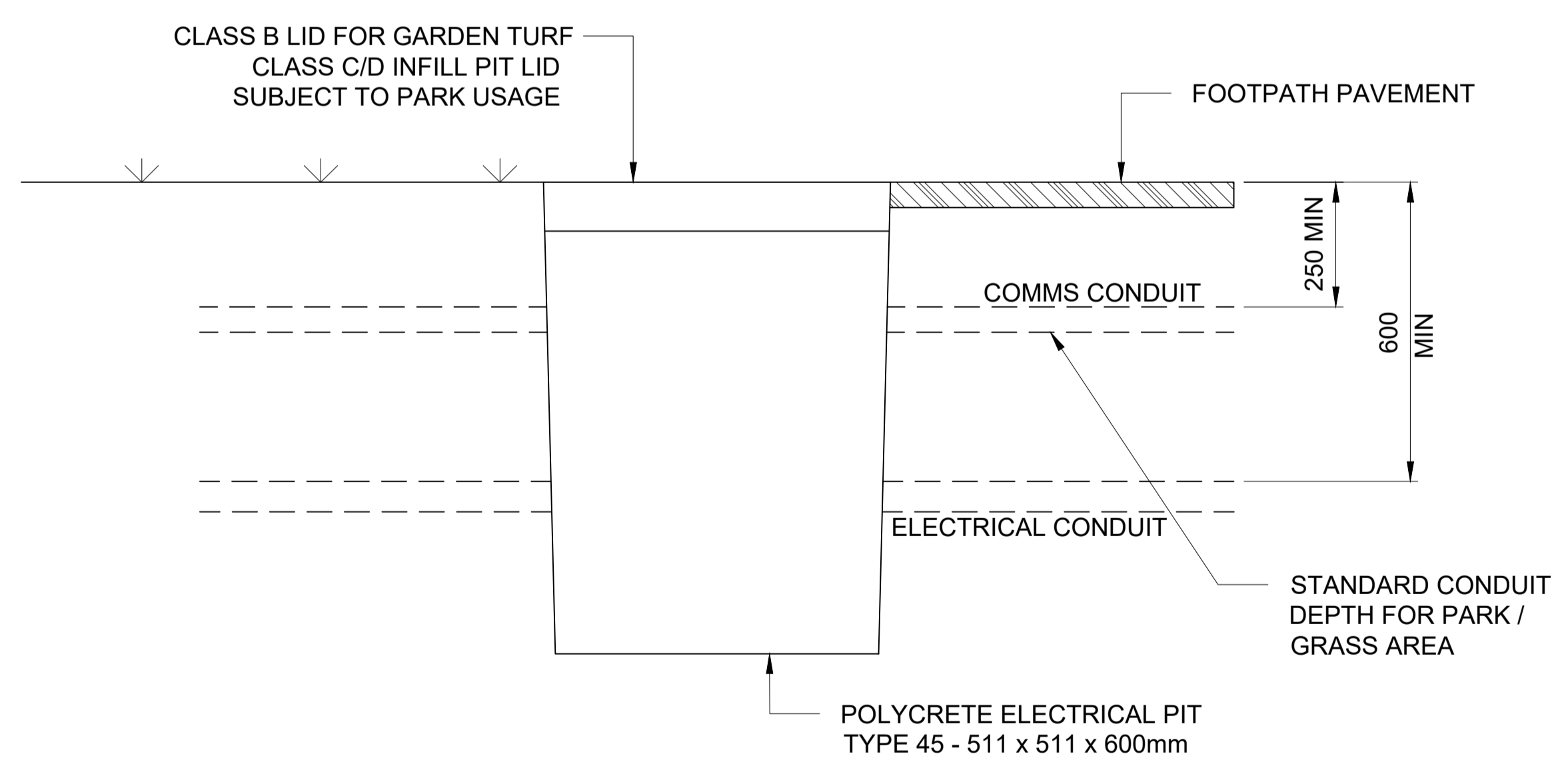


TYPICAL ELECTRICAL & COMMS CONDUIT ARRANGEMENT (ROAD) NTS



NOTE: ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

ELECTRICAL PIT ARRANGEMENT FOR PARKS NTS



- NOTES:**
1. PIT LID IS TO HAVE A 75mm DIAMETER STAINLESS STEEL DISC ENGRAVED "CoS-Electrical" SET FLUSH WITH LID SURFACE USING EPOXY ADHESIVE. THIS DISC SHOULD BE SLIP RESISTANT.
 2. REFER TO THE MANUFACTURER INSTALLATION INSTRUCTION FOR COMPLETE DETAILS
 3. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

REVISION DETAILS

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

Level 3, Suite D1668-672 Old Prices Hwy, Sutherland NSW 2232
 TEL: +61 2 9525 9318 Email Address: STEVE.LUCO@DEPCONS.COM

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
 TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
 TEL: +61 2 9265 9333 Email Address: publicdomain@cityofsydney.nsw.gov.au

PROJECT:

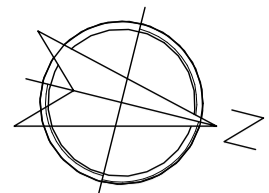
HICKSON ROAD STAGE 4
 HICKSON ROAD, BARANGAROO NSW 2000

PROJECT NO: 240208
SCALE: AS SHOWN
MAP REF: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO: 6 OF 15

REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL

DRAWING TITLE CONDUITS AND PIT DETAILS

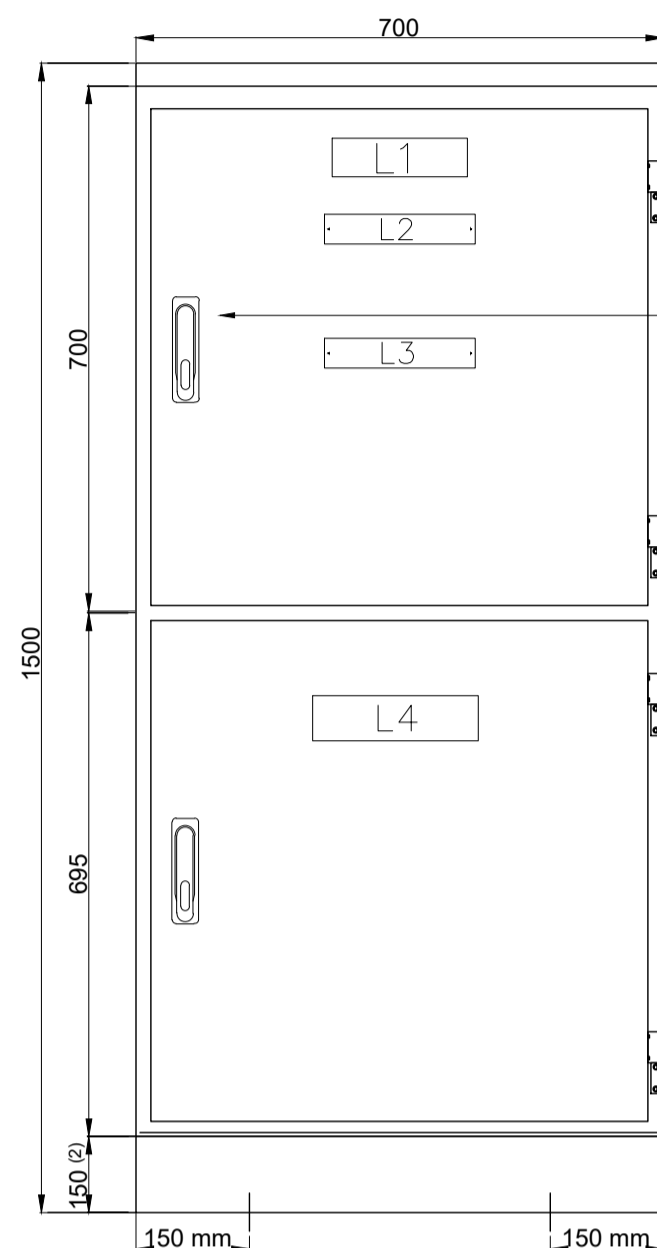
DRAWING NO: 240208-E **SHEET NO:** 006
DATE PRINTED: 12/12/2025 **DESIGNED BY:** S LUO



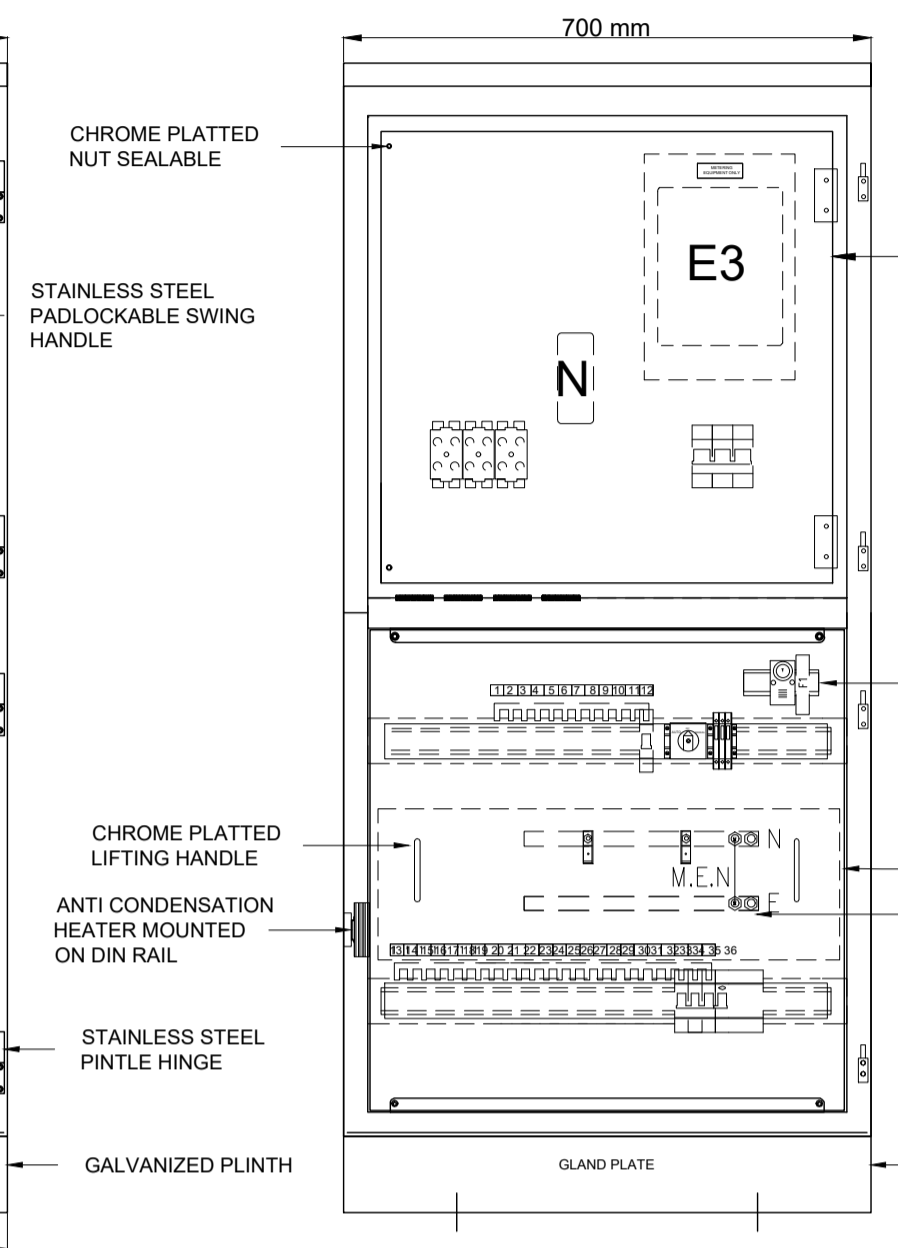
THREE PHASE SWITCHBOARD DESIGN:

NOTES: Refer to Stage 3 MSB design for details

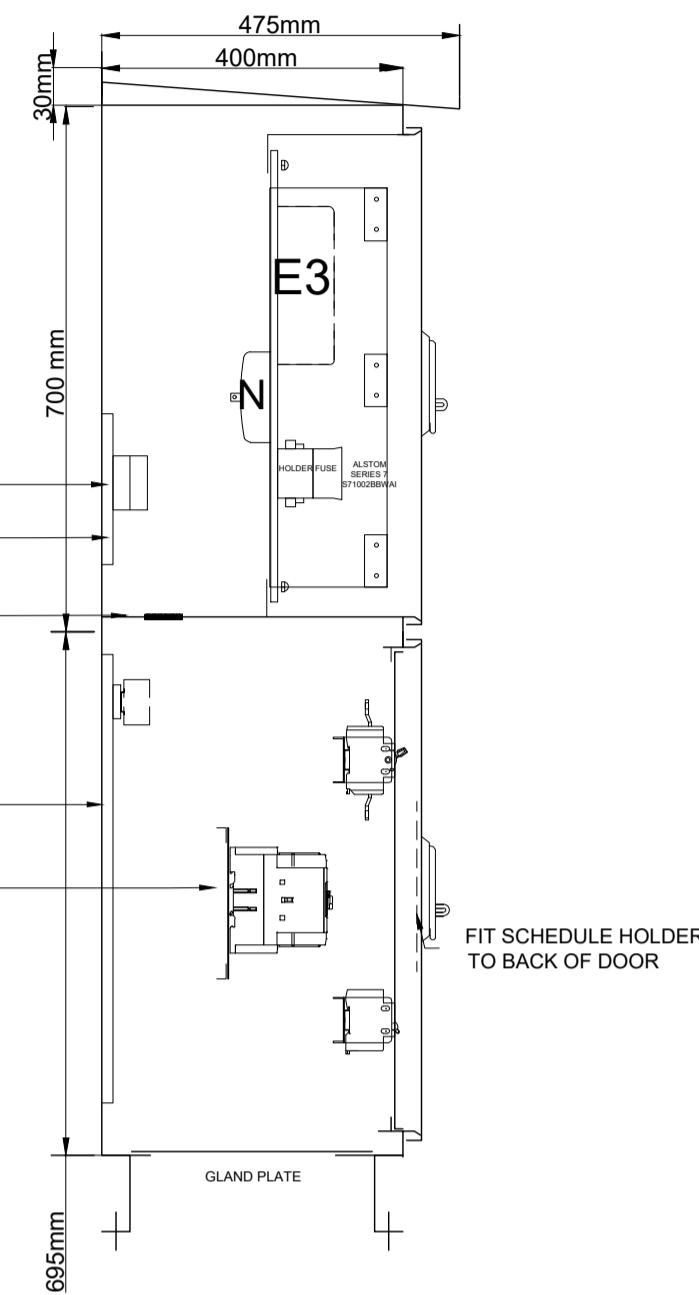
FRONT ELEVATION (WITH DOORS FITTED)



FRONT ELEVATION (WITH DOORS REMOVED)

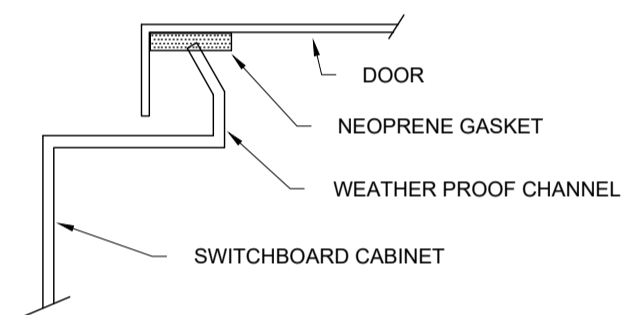


SECTION A-A



CONSTRUCTION NOTES:

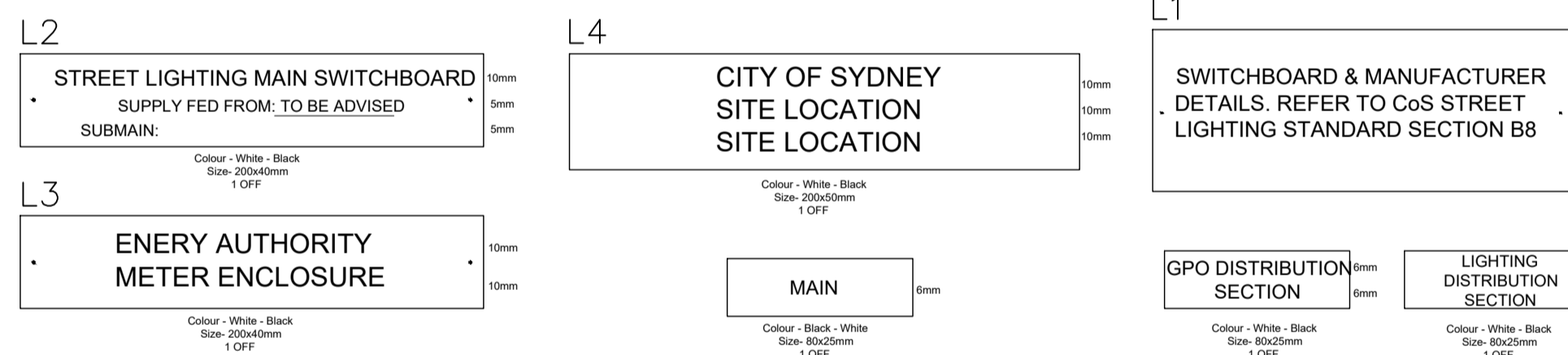
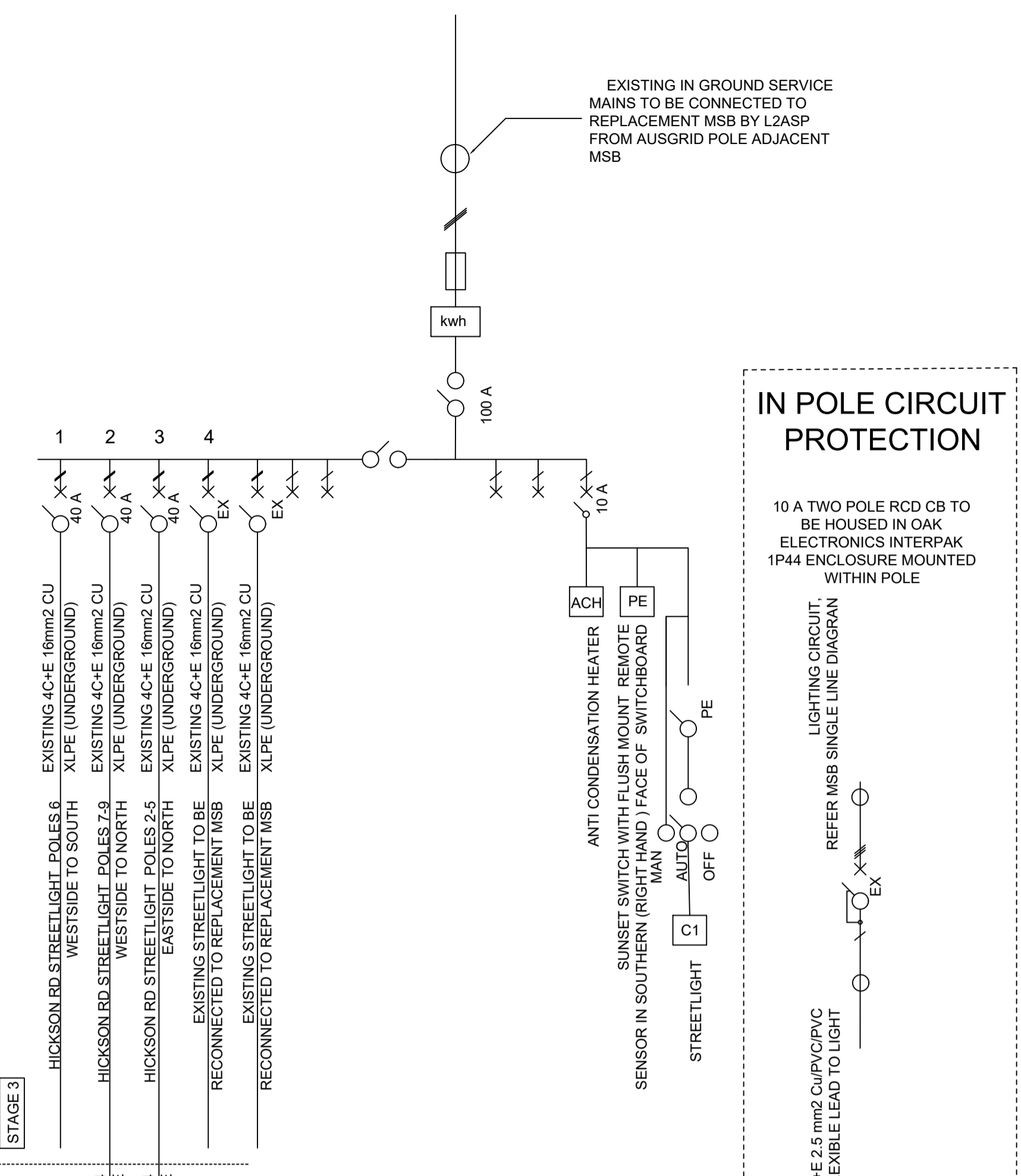
- CONSTRUCTION:** FLOOR MOUNTED, FRONT CONNECTED, RATED AT 100A
- CABINET:** 2mm 316 STAINLESS STEEL, FOLDED & WELDED/MODULAR BOLTED CONSTRUCTION
- DOORS AND ESCUTCHEONS:** 1.5mm GRADE 316 STAINLESS STEEL
- OTHER BRACKETS:** 1.6mm ZINC SEALED MILD STEEL MIN
- BOTTOM GLAND PLATE:** 6mm METER PANEL
- FORM OF SEGREGATION:** FORM 1 - TO AS3439.1 - 2002
- DEGREE OF PROTECTION:** IP56 - REFER TO WEATHER PROOFING DETAIL
- FAULT RATING:** 6KA FOR 1 SECOND
- FINISH:** DE-SCALE & DE-GREASE
- PREPERATION:** NATURAL FINISH
- INTERNAL COLOUR:** NATURAL FINISH
- REMOVABLE GEAR PANS & ESCUTCHEON:** GLOSS WHITE
- PLINTH:** GALVANISED
- LABELS:** ENGRAVED PLASTIC LAMINATE
- FIXING:** DOUBLE SIDED ADHESIVE & STAINLESS STEEL SCREWS
- COLOUR:** AS SHOWN
- CONTROL WIRING:** MINIMUM 1.5mm Cu V90
- POWER WIRING:** MINIMUM 2.5mm Cu RE110 DOUBLE INSULATED
- WIRE MARKERS:** STANDARD FERRULES
- TERMINATIONS:** BARE CABLE ENDS. WHERE TERMINALS REQUIRE LUGS, BOOTLACE FERRULES OR PRE-INSULATED RING LUGS.
- COLOUR:** FORK LUGS SHALL NOT BE USED
- NEUTRAL - BLACK**
- EARTH - GREEN/YELLOW**



WEATHER PROOFING DETAIL

NOTES:
MAIN ISOLATOR TO BE LOCATED IN THE ENERGY AUTHORITY SECTION. BUS COMB TO BE FIXED SECURELY TO THE BUSBAR.

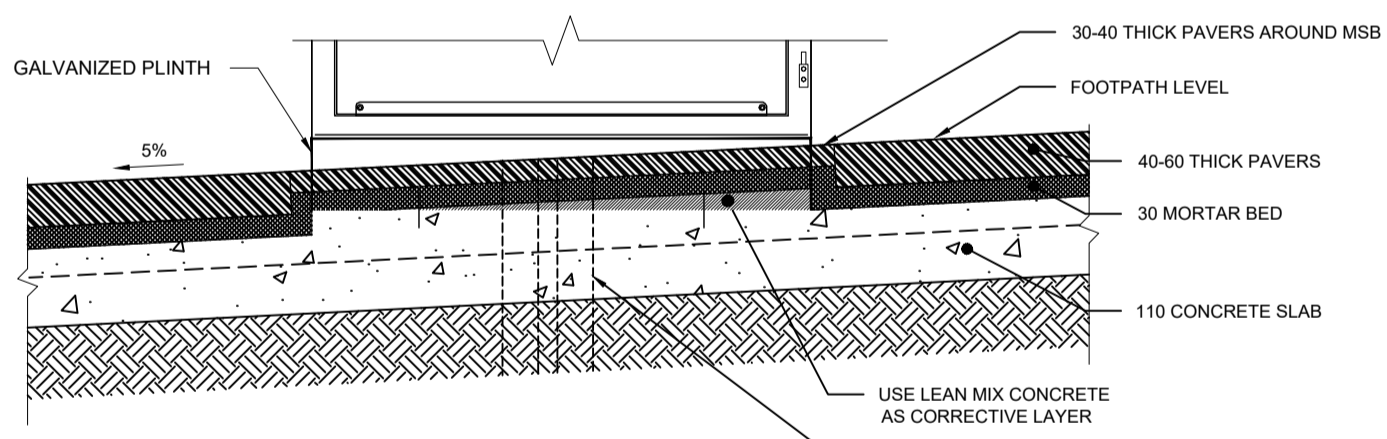
SINGLE LINE DIAGRAM



ITEMS	DESCRIPTION	REFERENCE	PART NO.	QTY
SERVICE FUSES	IPD SERIES 7 SERVICE FUSE BACK CONNECTION + FUSE LINK	#S71002BWAH-RH1F100		3
THREE PHASE METER	SUPPLIED AND FITTED BY OTHERS			1
SERVICE METER NEUTRAL LINK	NETEC SEALABLE LINKS 3x35 & 2x16mm	#AN100S-635-B		1
MAIN SWITCH CIRCUIT BREAKER				1
3P 12-WAY COMB BUSBAR	3P 12-WAY 100A COMB BUSBAR WITH ENDCAP	#SN-A0XPH312		1
3P 24-WAY COMB BUSBAR	3P 12-WAY 100A COMB BUSBAR WITH ENDCAP	#SN-A0XPH324		1
36 WAY BRASS LINKS	36 WAY N&E BRIBAR LINKS	#DB-BRASSLINK-36		2
ANTI CONDENSATION HEATER	IPD - 15W ANTICONDENSATION HEATER	#RACP-15		1
THERMOSTAT	IPD - 100 - 250V AC 1NC THERMOSTAT	#TRT-10A230V-NC		1
A-O-M SWITCH	TELUX DIN RAIL MOUNTED 20A NON-LOCABLE 2P SWITCH	#M10HEU1-SMA		1
TERMINAL	TERMINAL 2.5mm GREY	#ACC-TERM-GREY-2.5		3
SS316 PADLOCKABLE HANDLE	SWING HANDLE PADLOCKABLE - SS316	#GEN-HANDLE -SH-PL-316		2
MCB	1P 16A 6KA MCB C - CURVE	#SN-ABF44106		1
RCBO	3P 25A 6KA RCBO 30mA C Curve	#SN-ABF44350		1
RCBO	2P 20A 6KA RCBO 30mA C-CURVE			1

NOTES:

- 75 mm GALVANIZED CHANNEL PLINTH MAY BE USED WITH CONCRETE / ASPHALT FOOTWAY
- CONCRETE PLINTH SHALL BE USED INSTEAD OF GALVANISED PLINTH IF LONGITUDINAL / CROSS FALL EXCEEDS 5%
- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED



TYPICAL PAVING DETAILS AROUND MSB

MSB ID PLATE



MSB ID PLATE DETAILS

MSB ASSET PLATE DETAILS

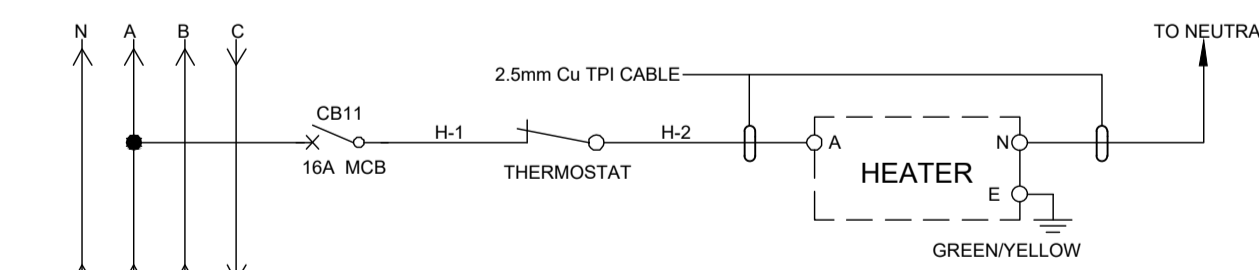
- NOTES:
- ARIAL NARROW 6mm HIGH FOR THE FIRST LINE OF TEXT
 - ARIAL NARROW 5mm HIGH FOR THE SECOND LINE OF TEXT
 - ARIAL NARROW 4mm HIGH FOR THE THIRD LINE OF TEXT
 - DENOTES SPACE FOR THE 5TH LINE OF TEXT
 - MATERIAL IS ALUMINIUM 0.8mm THICK
 - PLATE IS FITTED WITH 2 STAINLESS STEEL RIVETS OR SELF-DRILLING SCREWS

E3 METER WIRING SCHEMATIC

NOTES:

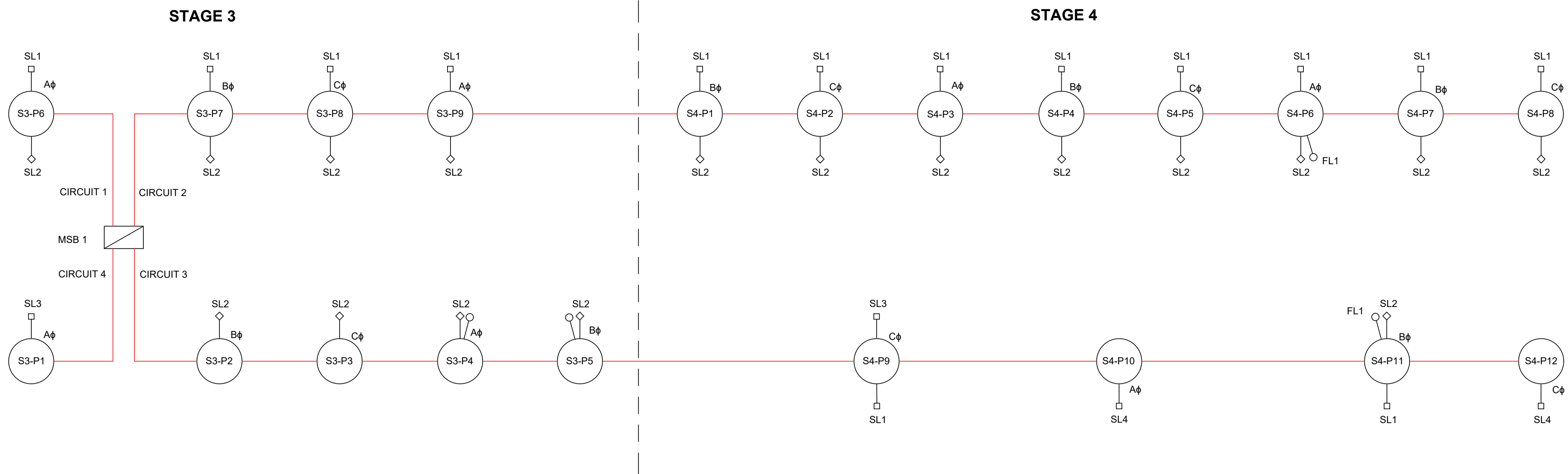
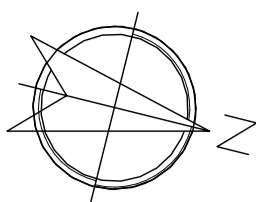
- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.

NOTES: Refer to Stage 3 Single line diagram design for details

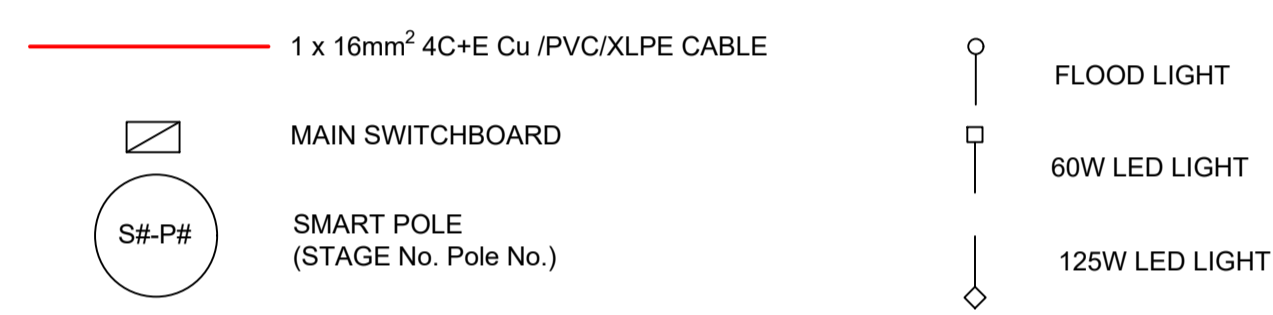


ANTICONDENSATION HEATER SCHEMATIC DIAGRAM

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE	DISCLAIMER:	ASPS DESIGNER:	CLIENT:	AUTHORITY:	PROJECT:	PROJECT NO:	REVISION	SHEET ON	ISSUE
00	ISSUE FOR APPROVAL	19/11/25				1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.	dep CONSULTING 02 9525 9318 ASP No. 4615 depc consulting.com.au	insw Infrastructure New South Wales	CITY OF SYDNEY	HICKSON ROAD STAGE 4 HICKSON ROAD, BARANGAROO NSW 2000	240208 AS SHOWN 240059-01-CC-C05.01-C05.03 R Dahal / E Derry B Stringer	00	A1	SUBMISSION TO COUNCIL
						2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.	Level 3, Suite D1668-672 Old Prices Hwy, Sutherland NSW 2232 Tel: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au	Level 27/201 Kent St, Sydney NSW 2000 Tel: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au	Level 2, 456 Kent Street, Sydney, NSW 2000 Tel: +61 2 9265 9333 Email Address: publicdomain@cityofsydney.nsw.gov.au	HICKSON ROAD STAGE 4 HICKSON ROAD, BARANGAROO NSW 2000	240208-L-1 [0]	240208-E	007	
						3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.					7 OF 15	12/12/2025		SL



LEGEND OF SYMBOLS



NOTE:
VOLTAGE DROP VALUES HAVE BEEN ASSESSED ONLY FOR CIRCUIT 2 AND CIRCUIT 3 AS THESE TWO CIRCUITS HAVE THE HIGHEST LOADS.

CIRCUIT	FROM	TO	W	CURRENT	1P TOTAL CURRENT	3P CUR	LENGTH	CABLE SIZE	Vc	VD	VD%
2	MSB FEEDER 2 TO S4-P5		1785	9.13		3.00	446		2.430	3.30	1.43%
	MSB - A PHASE	S3-P9	430	2.20			76	1x4C/16mm²,V75-Cu	2.807	0.91	0.40%
	S3-P9	S4-P3	370	1.89			142	1x4C/16mm²,V75-Cu	2.807	1.66	0.72%
	S4-P3	S4-P6	185	0.95			126	1x4C/16mm²,V75-Cu	2.807	2.00	0.87%
	MSB - B PHASE	S3-P7	740	3.79			75	1x4C/16mm²,V75-Cu	2.807	0.80	0.35%
	S3-P7	S4-P1	555	2.84			108	1x4C/16mm²,V75-Cu	2.807	1.66	0.72%
	S4-P1	S4-P4	370	1.89			96	1x4C/16mm²,V75-Cu	2.807	2.17	0.94%
	S4-P4	S4-P7	185	0.95			167	1x4C/16mm²,V75-Cu	2.807	2.61	1.14%
	MSB - C PHASE	S3-P8	430	2.20			94	1x4C/16mm²,V75-Cu	2.807	0.58	0.25%
	S3-P8	S4-P2	370	1.89			127	1x4C/16mm²,V75-Cu	2.807	1.25	0.55%
	S4-P2	S4-P5	185	0.95			116	1x4C/16mm²,V75-Cu	2.807	1.56	0.68%
	3	MSB FEEDER 3 TO S4-P12		1380	7.06		2.4	430	1x4C/16mm²,V75-Cu	2.430	2.46
MSB A PHASE		S3-P2	420	2.15			4	1x4C/16mm²,V75-Cu	2.807	0.02	0.01%
S3-P2		S3-P4	295	1.51			52	1x4C/16mm²,V75-Cu	2.807	0.24	0.11%
S3-P9		S4-P3	60	0.31			189	1x4C/16mm²,V75-Cu	2.807	0.41	0.18%
MSB - B PHASE		S3-P-EX	655	3.35			75	1x4C/16mm²,V75-Cu	2.807	0.71	0.31%
S3-P-EX		S3-P5	530	2.71			108	1x4C/16mm²,V75-Cu	2.807	1.53	0.66%
S3-P5		S4-P11	295	1.51			96	1x4C/16mm²,V75-Cu	2.807	1.93	0.84%
MSB - C PHASE		S3-P3	305	1.56			94	1x4C/16mm²,V75-Cu	2.807	0.41	0.18%
S3-P3		S4-P9	180	0.92			127	1x4C/16mm²,V75-Cu	2.807	0.74	0.32%
S4-P9		S4-P12	60	0.31			116	1x4C/16mm²,V75-Cu	2.807	0.84	0.37%

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	ISSUE FOR APPROVAL	19/11/25			

DISCLAIMER:
1. THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER CAUSED BY ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
2. DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
3. THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

 02 9525 9318 ● ASP No. 4615
 depconsulting.com.au
 Level 3, Suite D1668-672 Old Prices Hwy, Sutherland NSW 2232
 TEL: +61 2 9338 8848 Email Address: STEVE.LUCO@DEPCONS.COM

CLIENT:

 Level 27/201 Kent St, Sydney NSW 2000
 TEL: +61 2 9216 5100 Email Address: mail@infrastructure.nsw.gov.au

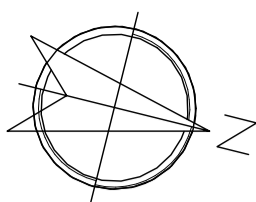
AUTHORITY:

 Level 2, 456 Kent Street, Sydney, NSW 2000
 TEL: +61 2 9265 9333 Email Address: publicinquiry@cityofsydney.nsw.gov.au

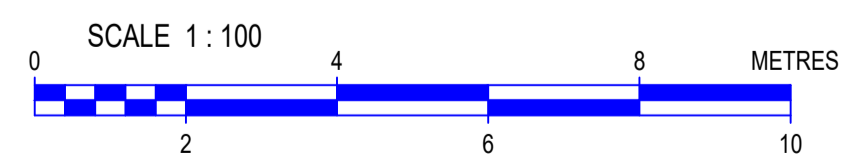
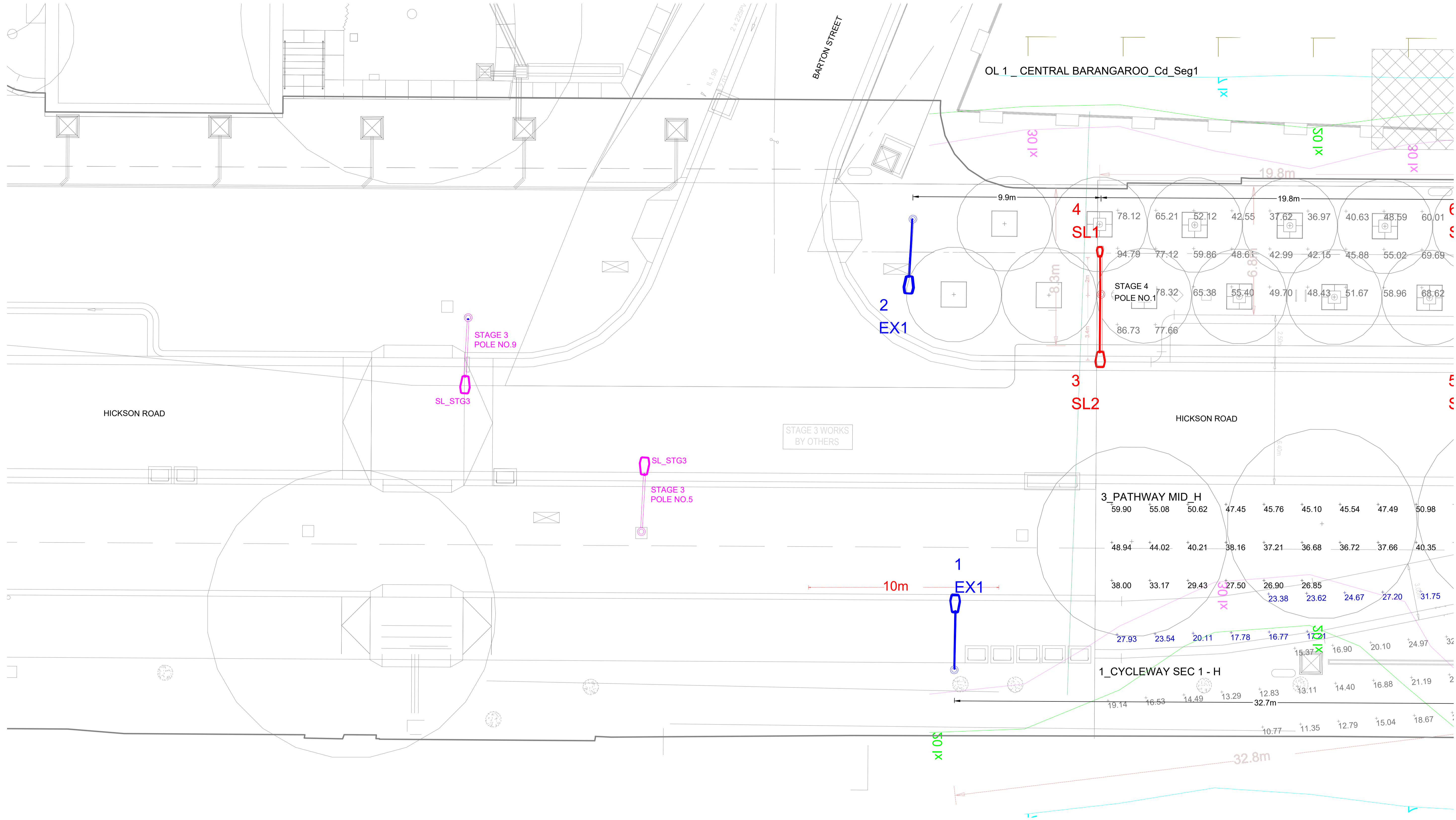
PROJECT:
 HICKSON ROAD STAGE 4
 HICKSON ROAD, BARANGAROO NSW 2000

PROJECT NO: 240208
SCALE: AS SHOWN
MAP REF: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO: 8 OF 15

REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL
DRAWING TITLE DETAILS
MSB AND SCHEMATIC DESIGN
DRAWING NO: 240208-E **SHEET NO:** 008
DATE PRINTED: 12/12/2025 **DESIGNED BY:** SL



LIGHTING DESIGN PLAN 1



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au

Level 3, Suite D166-672 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9516 5700 Email Address: steve.luo@depcos.com

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: publiccomment@cityofsydney.nsw.gov.au

PROJECT:

HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

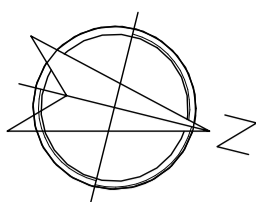
CERTIFICATION NO.: TBC
PROJECT DA: TBC

PROJECT NO.: 240208
SCALE: AS SHOWN
MAP REF.: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO.: 9 OF 15

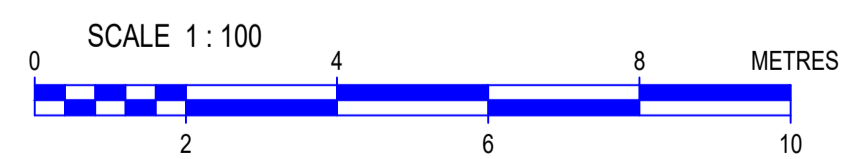
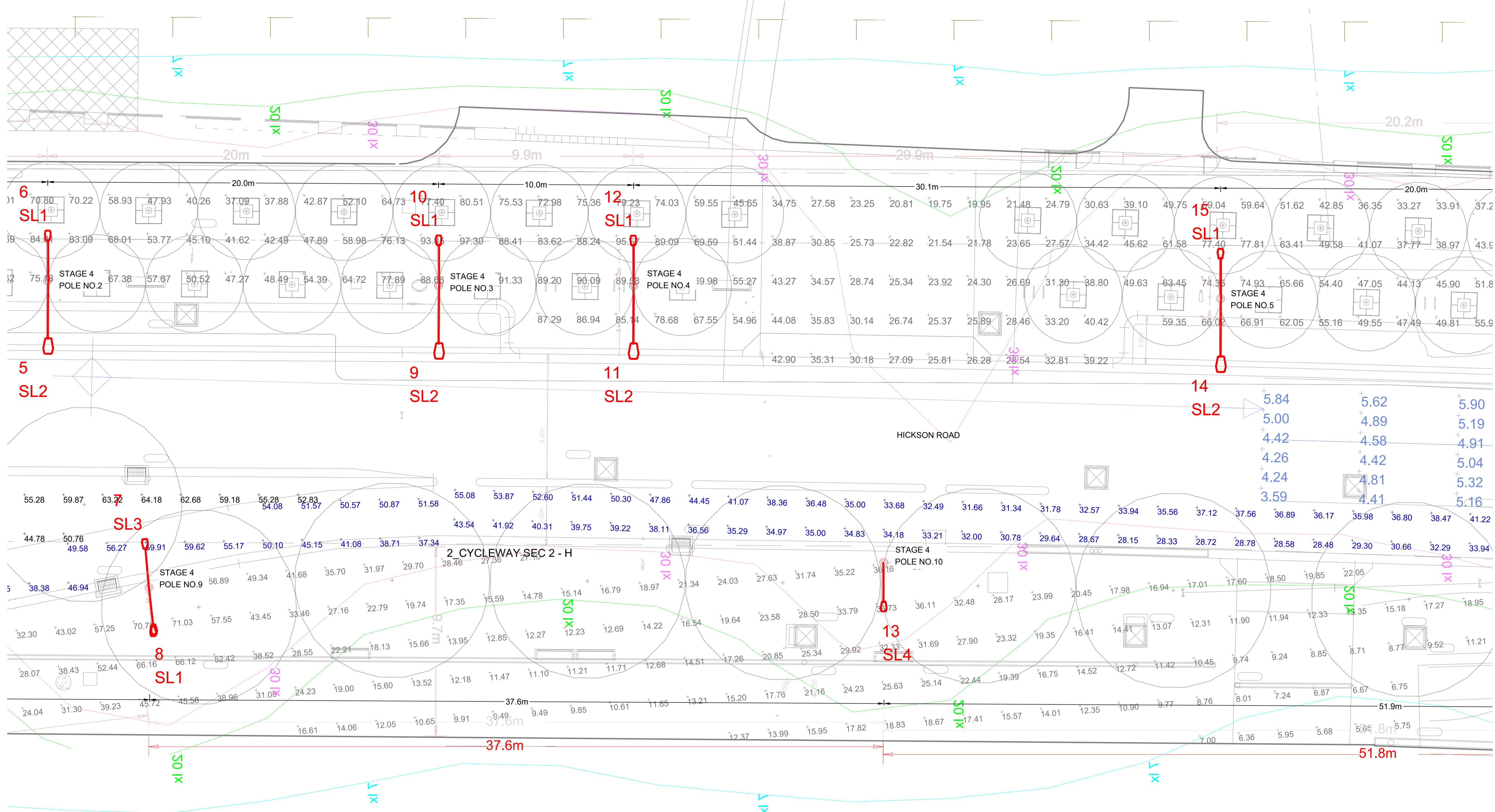
REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL

DRAWING TITLE LIGHTING DESIGN

DRAWING NO.: 240208-E **SHEET NO.:** 009
DATE PRINTED: 12/12/2025 **DESIGNED BY:** S LUO



LIGHTING DESIGN PLAN 2



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2 AND 3 HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASPS DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au

Level 3, Suite D166472 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9525 9318 Email Address: steve.luo@depcos.com

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: public@cityofsydney.nsw.gov.au

PROJECT:
HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

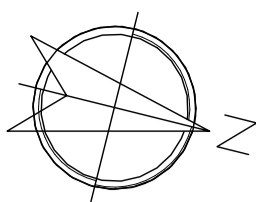
CERTIFICATION NO.: TBC
PROJECT DA: TBC

PROJECT NO.: 240208
SCALE: AS SHOWN
MAP REF.: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO.: 10 OF 15

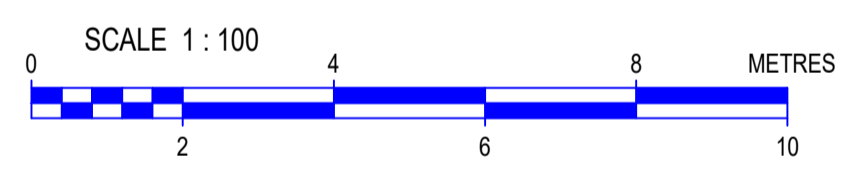
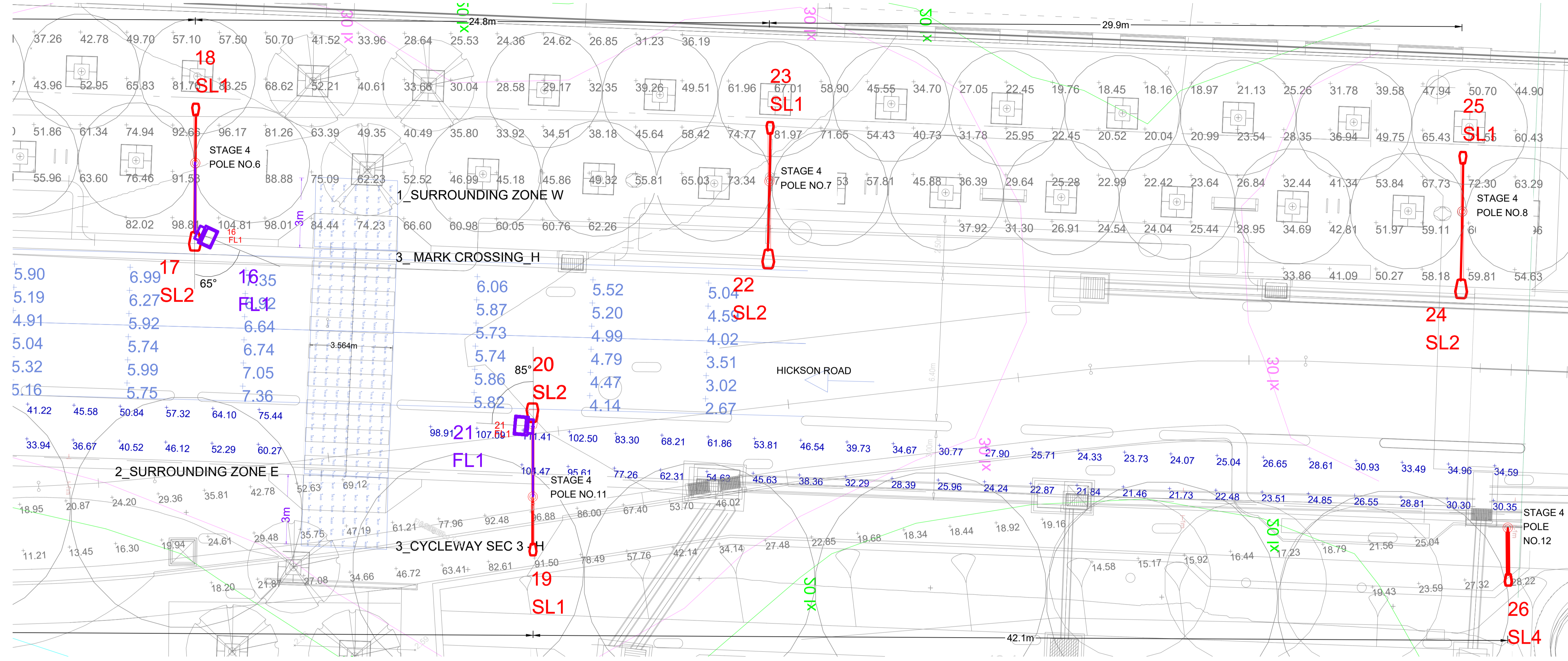
REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL

DRAWING TITLE LIGHTING DESIGN

DRAWING NO.: 240208-E **SHEET NO.:** 010
DATE PRINTED: 12/12/2025 **DESIGNED BY:** S Luo



LIGHTING DESIGN PLAN 3



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASPS DESIGNER:

Level 3, Suite D166472 Old Prices Hwy, Sutherland NSW 2232
 TEL: +61 2 9258 9333 Email Address: STEVE.LUO@DEPCONS.COM

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
 TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
 TEL: +61 2 9265 9333 Email Address: publicaffairs@cityofsydney.nsw.gov.au

PROJECT:
 HICKSON ROAD STAGE 4
 HICKSON ROAD, BARANGAROO NSW 2000

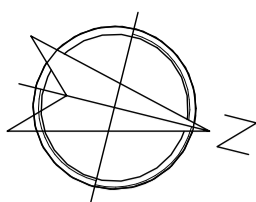
CERTIFICATION NO: TBC
PROJECT DA: TBC

PROJECT NO: 240208
SCALE: AS SHOWN
MAP REF: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO: 11 OF 15

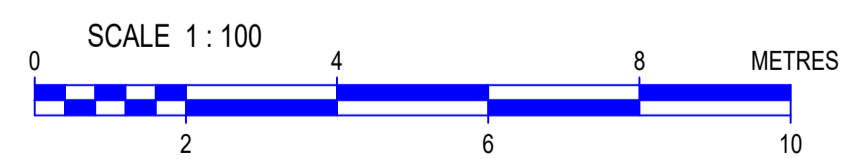
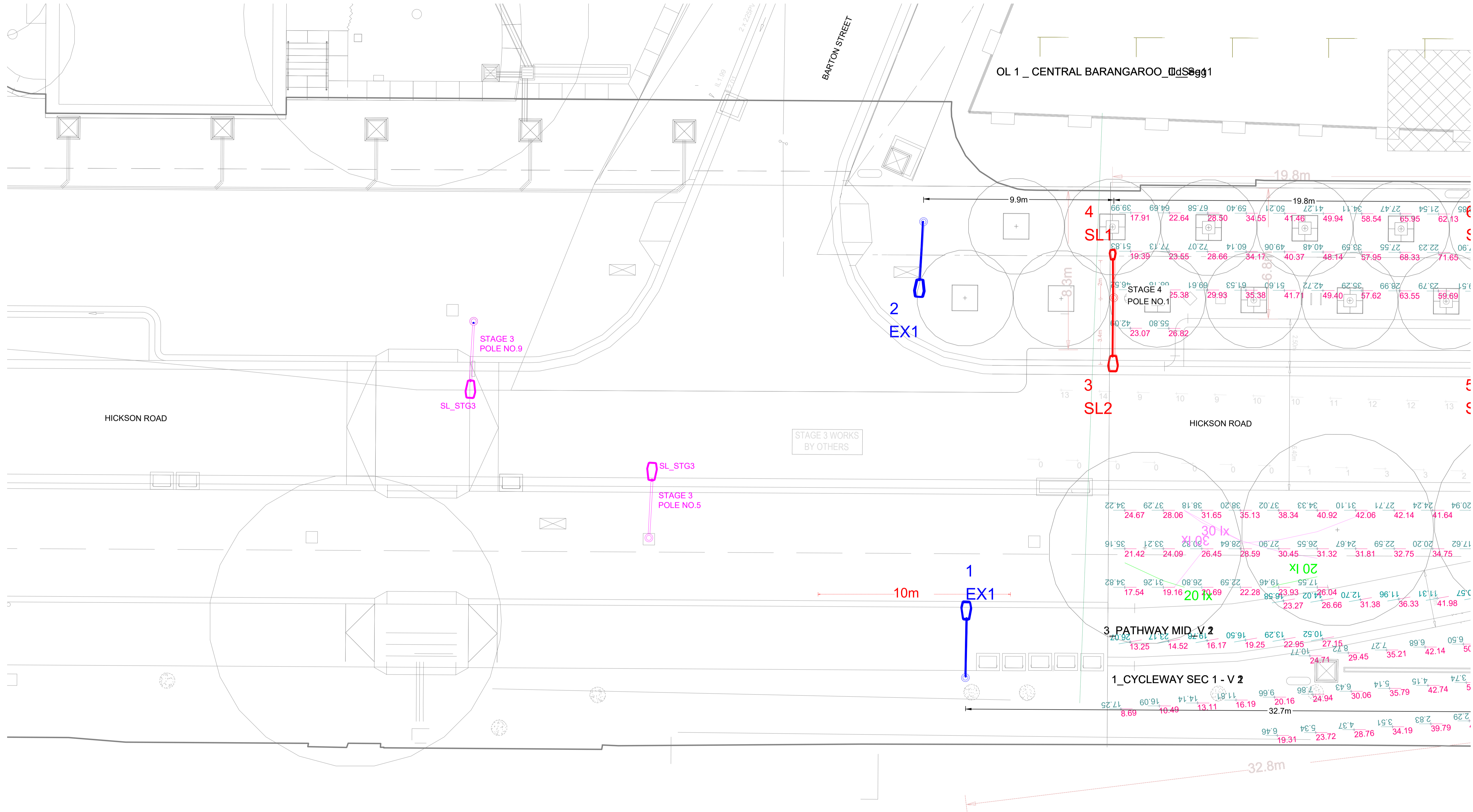
REVISION	SHEET ON	ISSUE
00	A1	SUBMISSION TO COUNCIL

DRAWING NO:	SHEET NO:
240208-E	011

DATE PRINTED:	DESIGNED BY:
12/12/2025	S LUO



LIGHTING DESIGN - VERTICAL ASSESSMENT PLAN 1



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASP3 DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au

Level 3, Suite D166-672 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9216 5700 Email Address: steve.luo@depcos.com

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5700 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: publiccomment@cityofsydney.nsw.gov.au

PROJECT:

HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

CERTIFICATION NO: TBC
PROJECT DA: TBC

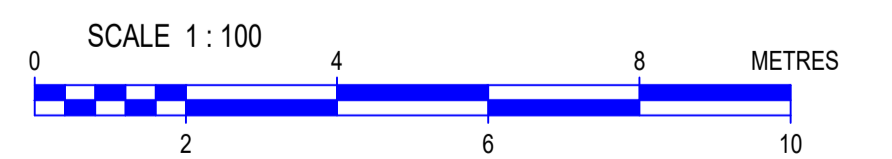
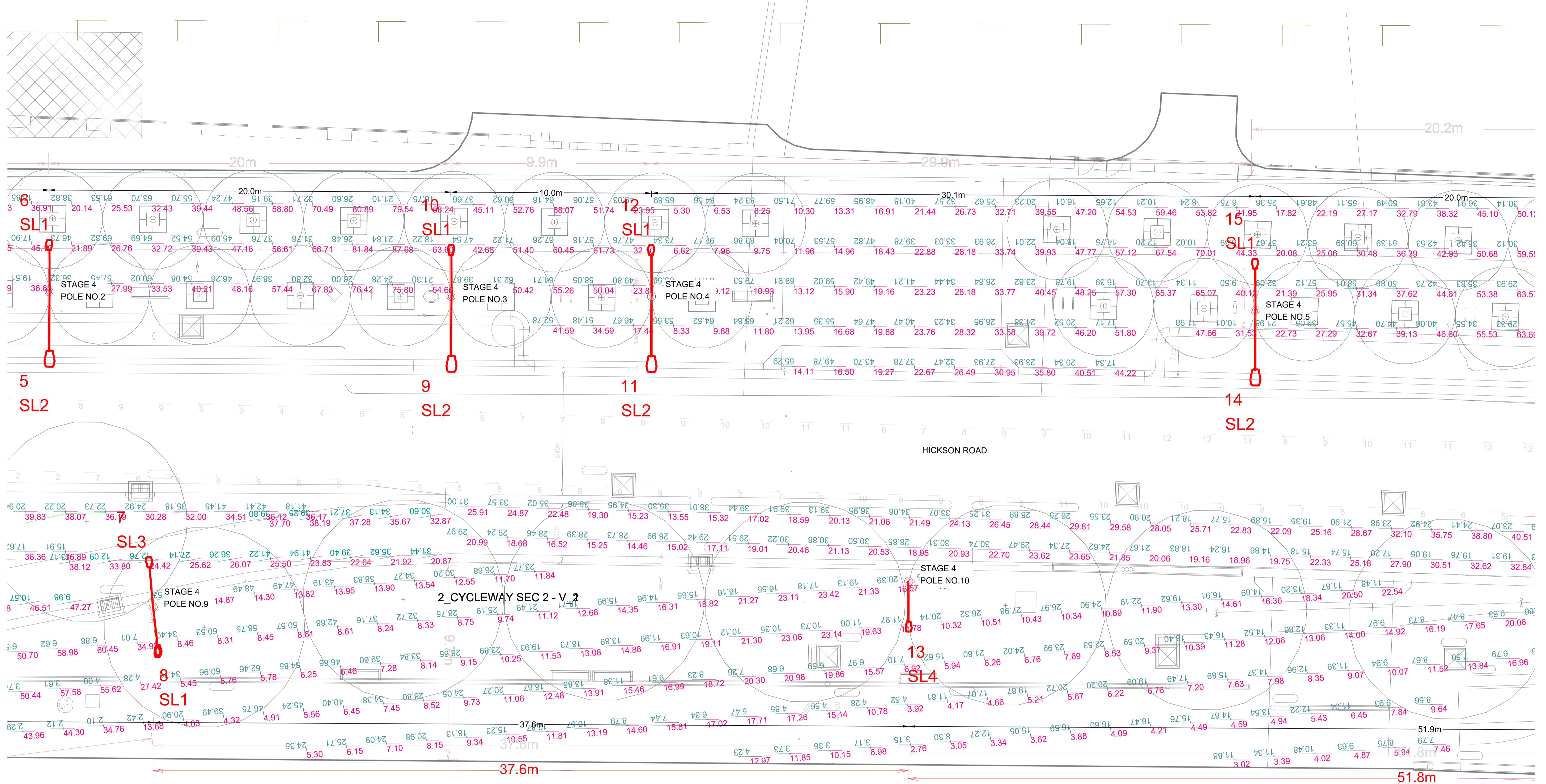
PROJECT NO: 240208
SCALE: AS SHOWN
MAP REF: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO: 12 OF 15

REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL

DRAWING TITLE LIGHTING DESIGN

DRAWING NO: 240208-E **SHEET NO:** 012
DATE PRINTED: 12/12/2025 **DESIGNED BY:** S Luo

LIGHTING DESIGN - VERTICAL ASSESSMENT PLAN 2



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASPS DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au
Level 3, Suite D166842 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9216 5702 Email Address: mail@infrastructure.nsw.gov.au

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9265 9333 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9265 9333 Email Address: publiccomment@cityofsydney.nsw.gov.au

PROJECT:
HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

CERTIFICATION NO.: TBC
PROJECT DA.: TBC

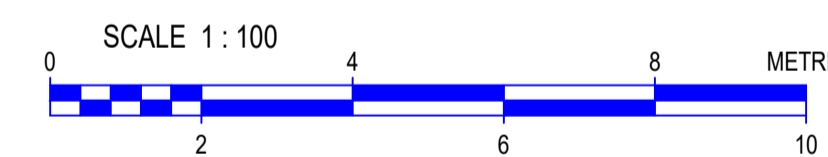
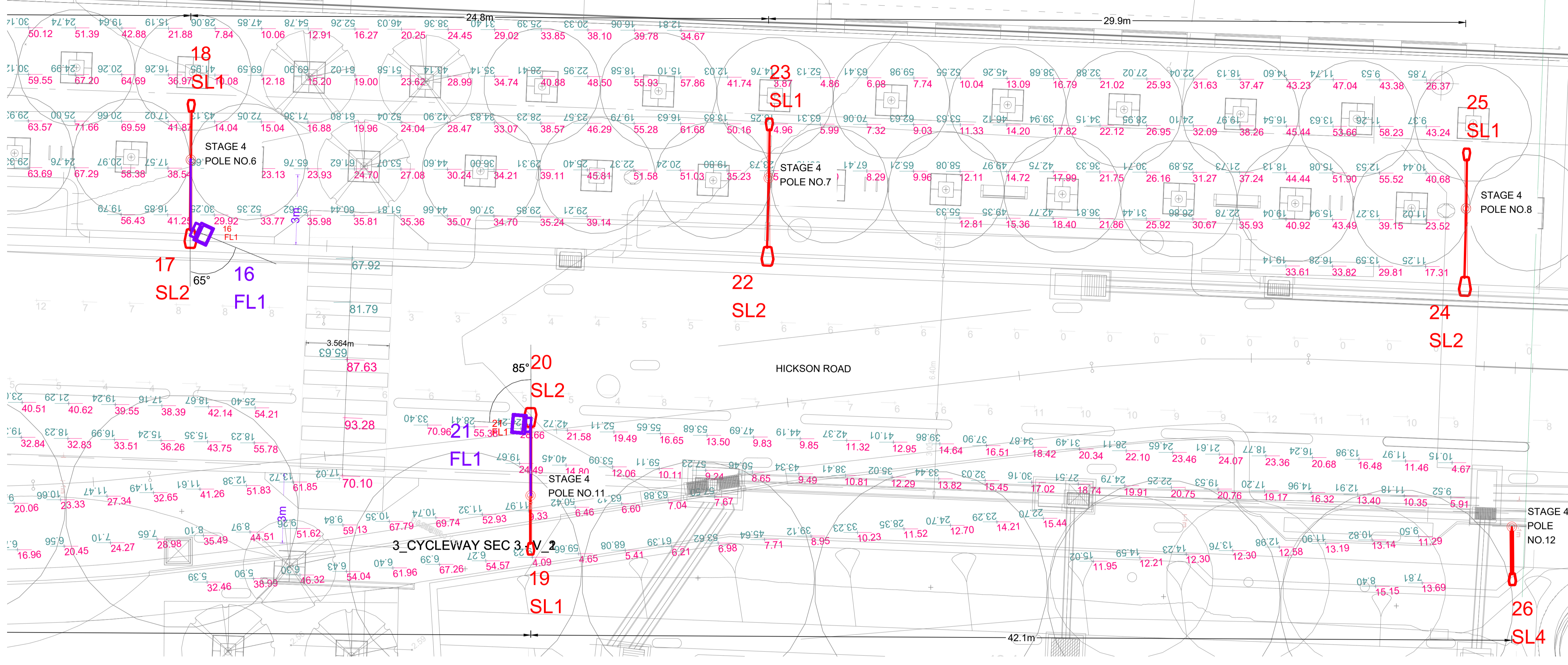
PROJECT NO.: 240208
SCALE: AS SHOWN
MAP REF.: 240059-01-CC-C05-01-C05-03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO.: 13 OF 15

REVISION 00 **SHEET ON** A1 **ISSUE** SUBMISSION TO COUNCIL

DRAWING TITLE LIGHTING DESIGN

DRAWING NO.: 240208-E **SHEET NO.:** 013
DATE PRINTED: 12/12/2025 **DESIGNED BY:** S Luo

LIGHTING DESIGN - VERTICAL ASSESSMENT PLAN 3



REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
00	SUBMISSION TO COUNCIL	19/11/25			

DISCLAIMER:

- THE INTENDED PURPOSE OF THIS PLAN IS NOT FOR THE USE OF CONSTRUCTION DRAWING. THIS PLAN IS NOT TO BE USED BY ANY OTHER PERSON OR CORPORATION. DEP CONSULTING ACCEPTS NO RESPONSIBILITY FOR ANY LOSS OR DAMAGE SUFFERED HOWSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY USE OR RELY ON THIS PLAN IN CONTRAVENTION OF THIS CLAUSE OR CLAUSES 2. AND 3. HEREOF.
- DIMENSIONS, AREAS AND NUMBERS OF LOTS SHOWN ON THIS PLAN ARE APPROXIMATE ONLY AND MAY VARY. THE ELECTRICAL DESIGN SHOWN MAY BE SUBJECT TO VARIATION DEPENDING ON SITE CONDITIONS ENCOUNTERED DURING INSTALLATION WORKS.
- THIS PLAN MAY NOT BE REPRODUCED UNLESS THIS NOTE IS INCLUDED.

ASPS DESIGNER:

02 9525 9318 ASP No. 4615
depc consulting.com.au

Level 3, Suite D166472 Old Prices Hwy, Sutherland NSW 2232
TEL: +61 2 9239 9333 Email Address: steve.luo@depcos.com

CLIENT:

Level 27/201 Kent St, Sydney NSW 2000
TEL: +61 2 9216 5100 Email Address: mail@infrastructure.nsw.gov.au

AUTHORITY:

Level 2, 456 Kent Street, Sydney, NSW 2000
TEL: +61 2 9205 9333 Email Address: publicaffairs@cityofsydney.nsw.gov.au

PROJECT:
HICKSON ROAD STAGE 4
HICKSON ROAD, BARANGAROO NSW 2000

CERTIFICATION NO.: TBC
PROJECT DA.: TBC

PROJECT NO.: 240208
SCALE: AS SHOWN
MAP REF.: 240059-01-CC-C05.01-C05.03
DRAWN BY: R Dahal / E Derry
CHECKED BY: B Stringer
LIGHTING DESIGN: 240208-L-1 [0]
PAGE NO.: 14 OF 15

REVISION	SHEET ON	ISSUE
00	A1	SUBMISSION TO COUNCIL

DRAWING TITLE: LIGHTING DESIGN

DRAWING NO.:	SHEET NO.:
240208-E	014

DATE PRINTED:	DESIGNED BY:
12/12/2025	S LUO

