Site Plan - Overview

Scale 1:2000

Scale 1:2000

DIAL BEFORE YOU DIG

Ref:	36065534	Date:	19 Feb, 2024

DBYD searches indicates the presence of services within the proposed work-site. The Level 1 ASP /Constructor is to confirm the location of "all" services prior to the commencement of works.

Caution

Existing live electrical assets located in this vicinity, appropriate safety precautions must be utilized.

Section 138 Approval

Level 1 Accredited Service Provider is required to gain Section 138 Approval from Local Council prior to the commencement of works.

Streetlight Columns
All streetlight columns are to be installed 350mm from the property boundaries unless otherwise indicated.

Streetlight LV Supply
All active conductors extending from LV pillars to service streetlight columns to be fitted with a 16A in line fuse.

Painting of Columns
Local council requires a certificate from the manufacturer supplied confirming the power coated columns are in accordance with the requirements of AS/NZ 4506-2005.

Final Ground Level
The constructor is to confirm finished ground level with the developer prior to the commencement of construction.

Route Lengths
All route lengths are to be confirmed on site by the constructor prior to ordering materials.

Pollution
Requirements of the environmental protection authority pollution control legislation is to be strictly adhered to.

Cable Route Markers
Are to be installed over the top of the new cable route in accordance with the requirements of EE Standards MCI0005 (Section 3.5.2.5).

Existing Conduits
All conduits are to be mandrelled, proven clear, free of foreign material, and deformation prior to the installation of cables.

Proposed Ducts/Conduits
All Proposed 125mm ducts / conduits are to have a minimum 750mm cover, (in accordance with MDI0028)

Breakaway Links
Breakaway links must be used during each cable pull. The link must be of a lesser value than the maximum cable pulling tension (Refer MDI0028).

Pulling Compound
A cable pulling compound with a coefficient of friction less than 0.2 must be used on all cable pulls greater than 25m.

Testing and Commissioning
All required testing in accordance with SDI 120 must be performed in strict accordance with the standard.

Service Ducts
The end of service ducts must not be placed under proposed driveways. (Refer to Developers Representative for details for details)

Service Work
All service works to be carried out by an authorized level 2 ASP in accordance with the New South Wales Service & Installation Rules, Australian Standards and all other relevant standards.

Cable Lengths
Cable Lengths specified on this design have been calculated utilizing 2 dimensional data to align with Endeavour Energy's AVS.
The Constructor **will need to allow for** additional cable to cater for topographic influences as well as cable terminations, cable setting, and vertical indifference.

Design Compliance and Indemnity

This design complies with Endeavour Energy's relevant standards as current at this time & as listed on the Endeavour Energy Accredited Service Provider's Internet site. These standards include, but are not limited to:

- CP: Connection Policy,
- EMS: Environmental Management Standard,
- MCI: Mains Construction Instruction,
- MDI: Mains Design Instruction,
- PDI: Protection Design Instruction,
- SDI: Substation Design Instruction,
- SAO: Design Drawing Standard,
- MMI: Mains Maintenance Instruction,
- SMI: Substation Maintenance Instruction,
- LDI: Public Lighting Electrical Design Element,

Additionally, where relevant, the design complies with AS/NZS7000 "Overhead Line Design - Detailed Procedures" published by The Australian Standards.

Power Line Design Pty Ltd indemnifies Endeavour Energy for any loss or damage resulting from non-compliance of the design with the above standards.

Signed: Mike Baranowski
Name: Michael j Baranowski
Service Provider Number: 2486 Date: 02-05-2024

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING
WORKS COMPLETED CHRIS JOWETT
SIGNATURE C.JOWETT DATE 18/03/25
INSPECTED BY GAV NIXON
SIGNATURE ..... DATE .....

ASSET RECORDING

I STEVE FRIDAY
OF C.J. DOYLE CONTRACTING
CONTACT No 8784-1922
HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.
SIGNATURE STEVE FRIDAY DATE 18/03/2025

Certified by Endeavour Energy

Amendment: _____
Date Approved: _____
Examiner's Signature: _____
Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

Notes

1. This drawing is to be read in conjunction with the relevant Endeavour Energy Network Standards and Connection Policy.
2. ENDEAVOUR ENERGY EMERGENCY PHONE No. 131 081.
3. Design certification shall lapse where:
   (i) notice of intent has not been received within six (6) months of this certification, or
   (ii) construction has been interrupted for more than six (6) months.
   where design certification has lapsed the design must be resubmitted for certification by the accredited designer.
4. Accredited Service Provider to notify Endeavour Energy asset data customer department daily when cable works is in progress. (ph. 131 081).
5. **ATTENTION:** Permanent survey marks may exist in this area, these are to be located by a surveyor prior to commencement of work.
6. **ATTENTION:** All services searches must be checked before construction.
7. **ATTENTION:** The preparation of this design has been undertaken giving due consideration to the location of existing services. The Constructor is however responsible for the verification of services and permanent survey marks prior to the commencement of construction. No responsibility nor liability will be accepted by the designer for damage to existing services as a result of this design.
8. **WARNING:** Live Endeavour Energy cables & other services in this area. Please contact "Dial Before You Dig" on telephone. 1100 for searches two days prior to excavation.
9. **Material Quantities Specified on this Design:** The quantities or dimensions specified on this design are based on design information supplied and site conditions at the time of the design. As quantities and dimensions are subject to change, the Constructor must check all quantities and dimensions on site prior to tendering and prior to construction.
10. **Reimbursements:** Reimbursements will be paid to the nominated party on the letter of intent after the works have been competed and the letter of acceptance has been issued. The reimbursed amount is shown in the "Funding Arrangements for Scope of Work table" . Any disagreement with the amount should be resolved with Endeavour energy prior to the commencement of works.
11. **Operational Limitations:** Unless approved otherwise, interruption to any customer's supply must be avoided, the following alternatives should be considered:
    • mobile generators and substations,
    • live line work,
    • design alternatives,
    • low voltage parallels,
    • work practices/standards.
    the cost is to be funded by the customer/developer.
12. **Environmental Management Plan:** EMP EMS0001 is part of this design (refer to EIA for details).
13. **Pollution Controls:** All the requirements of the Environmental Protection Authority pollution control legislation is to be strictly adhered to.
14. **Aboriginal Heritage:** If during construction of this project the constructor or developer becomes aware of any previously unidentified Aboriginal Object(s), all work likely to affect the object(s) shall cease immediately, and the Office of Environment & Heritage shall be notified immediately in accordance with section 89a of the National Parks & Wildlife ACT 1974. Works shall not recommence until written authorization from the NSW Office of Environment and Heritage has been issued, in addition to written consent from the local aboriginal land council.
15. **Heritage:** If during construction of this project the constructor or developer becomes aware of any previously unidentified heritage object(s), all work likely to affect the object(s) shall cease immediately, and the Heritage Council of NSW shall be notified immediately in accordance with Section 146 of the Heritage ACT1977. Works shall not recommence until written authorization from the heritage council has been issued.
16. **Telecommunications:** Telecommunications assets are **NOT** effected by the proposed works.
17. **Existing Assets:** Have all the existing assets been field checked and are accurate at the time of design? **YES**

Authorisation of Estimate Value of Endeavour Energy Funded Assets

Signed: _____
Print Name: _____
Service Number: _____
Funding Amount: $ _____
Date: _____

APPROVAL TO CONNECT TO PUBLIC LIGHTING

Reviewers Name: _____
Date Approved: _____
Reviewers Signature: _____

This Approval is issued subject to Endeavour Energy's General Terms & Conditions for Connection of Public Lighting and is specifically for drawing No. _____ Amendment _____.

WAE LEGEND

- PVC DUCTS (TRENCH)
- PVC DUCTS (UNDERBORE)
- QUALITY LEVEL DATA POINT
- PL PROPERTY LINE
- DE DUCT END
- UB UNDERBORE END

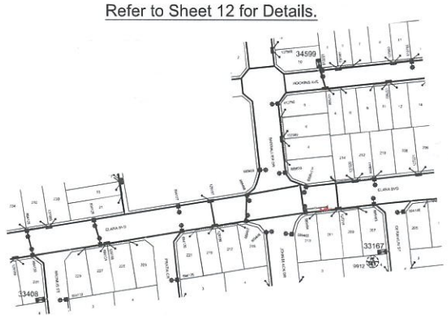
NOTE:
THE SURVEY CONDUCTED IN THIS DRAWING IS IN GDA2020.

WAE NOTES

1. ONLY CHANGES MARKED UP IN RED FORM ARE PART OF THIS ASSET RECORDING.
2. ALL SURFACE ASSETS WERE RECORDED AT LEVEL QUALITY 'C'.

Site Plan - Overview
11kV Fdr Alteration

Not to Scale
Scale 1:2000
Refer to Sheet 12 for Details.



Scale 1:2000

KEY DOCUMENTS TABLE

The Certification of this project is supported by the following key documents

Document Name	Notation Date
Summary Environmental Report - FAT0038 (EMS0001)	29 August , 2022
Safe Design Report	29 August , 2022
Equipment to be returned to Endeavour Energy - FPJ4252	29 August , 2022

Funding Arrangements for Scope of Works

ASP Level 1 Electrical Works			Customer
Endeavour Energy Supplied Materials		**Customer Funded Non-Contestable Works**	**Customer Funded**
NIL		• All works associated with the inspection, testing, switching and the commissioning associated with this project.	Including but not limited to: • Pegging of easements, property boundaries and infrastructure locations, • Registering of Easements, • Provide Site Access, • Own Service and Service connections, • Confirm ground levels.
Endeavour Energy Funded & Constructed		**Customer Funded Contestable Works**	**Existing Duct Usage Charges (excl GST)**
Works Required Prior to Completion of Customer Contestable Project	Works Required in Association of Customer Contestable Project	All other works and materials including but not limited to: • Substation establishment & installation, • Excavation & Trenching, • Duct installation, • Cable Installation (Pulling & Laying), • Cable Jointing, • Installation of Earthing, • Removal of Redundant Assets.	*Total Usage $6264.00* *232m of 125mm Duct*
NIL	NIL		**Co-ordination Supply Required Date**
Endeavour Energy Funded & Level 1 ASP Constructed - Reimbursement (excl GST)			*01/12/2023*
Item	Amount		**Assets to be Returned to the nearest Endeavour Energy Depot.**
3x 500kVA (11000/433V) PMS Trfs	$37 728.00		*RTR HV Switchgear* *PMS 95440 and PMS 95439*
Total EE Capital Contribution (excl. PM & Design)	$37 728.00		
Total EE Capital Contribution (HV reimbursement)	$41 388.00		

Pioneer Cost Share Reimbursement SCHEME - Expiry Date : N/A
Pre-Calculated Reimbursement for Customer's Load up to 50kVA

Asset	Asset Cost Estimate ($)	Unit Quantity	Prospective Proposed Customer Number	Maximum Reimbursement Per Proposed Customer Connected ($)	Maximum Reimbursement Amount ($)
HV Mains	N/A	(km)			N/A
LV Mains	N/A	(km)			N/A
Substation	N/A				N/A

Pioneer Cost Share Reimbursement SCHEME - Expiry Date : N/A
Pro-Rata Reimbursement for Customer's Load Over 50kVA

Asset	Asset Cost Estimate ($)	Unit Quantity	Net Asset Capacity (kVA)	Original Customer Utilization (kVA)	Maximum Reimbursement Amount ($)
HV Mains	N/A	(km)			N/A
LV Mains	N/A	(km)			N/A
Substation	N/A				N/A

Lighting Equipment & Billing Schedule

State	Luminaire Number	Support Number	Luminaire				Column / Pole				Outreach / Bracket				Upcast Angle	Category	Mounting Height	Column Colour	Charge To
			Description	Part No.	Rate Code	QTY	Description	Part NO.	Footing Bolt / Foundation	Rate Code	QTY	Description	Part No.	Rate Code	QTY					
New	305291 - 305301	2004203 - 2004213	82W StreetLED (Gerard)	PL99G01L80	950	11	8.5m Enlarged Base Column	IE/8.5.EB	Type 2 / Universal (9.0m - 10.5m)	995	11	4.5m Curved Pipe Outreach	IE4.5CPS	991	11	5°	V5	10.5m	Black	Blacktown City Council
New	305243 - 305290	2004155 - 2004202	17W StreetLED (Gerard)	JLB99G05L17	889	48	4.5m Enlarged Base Column	IE/4.5.EB	Type 2 /Type 2 (<9.0m)	995	48	3.0m Curved Pipe Outreach	IE3.0CPS/25	991	48	5°	PR5	6.5m	Black	Blacktown City Council

This Drawing Supplies 252 Lots (Subdivision of Lot 3, DP1230408)					
C.A.P. No.	Lot Numbers	No. of Lots	Developer	Developers Representative	Contact No.
URS25697	Lot 9001 to 9252	252	Woorong Park Pty Limited	Tana Sainsbury (J. Wyndham Prince)	(02) 4720 3319

Cadastre: © Land and Property Information 2016

AMENDMENTS
A ORIGINAL ISSUE 22-6-2023 DRAFT No. 01
B 18-03-2024 CHK Michael.j.B DWN Michael.j.B Route through Riparian re-aligned at developers request.
C 02-05-2024 CHK Michael.j.B DWN Michael.j.B Asset Numbers Altered to Aligns with ADMS
DRAFT No. 01
DRAFT No. 01

powerlinedesign
POWER LINE DESIGN PTY LTD
PO BOX 338 Mittagong NSW 2575
Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2486 / ABN: 33107 591 846

The preparation of this design has been undertaken given due consideration to the existing services. The project constructor is wholly responsible for verify the exact location of existing services and permanent survey marks prior to commencing construction. No responsibility or liability will be accepted by the designer of this project for damage to existing services as a result of this design.

PLD Ref: 3868

5.2 TEMPLATE VERSION No.

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000
DO NOT SCALE Dimensions in Meters
Drawn Mlchael.j.B
Date 02-05-2024
Ch'd Mlchael.j.B
Design Mlchael.j.B
MGA 56: GDA94

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy
A1 527571 C
SHEET No 1 OF 15 SHEETS

64545

Site Plan - North

Scale 1:1000

DIAL BEFORE YOU DIG

Ref: 34352730	Date: 06 June, 2023

DBYD searches indicates the presence of services within the proposed work-site. The Level 1 ASP /Constructor is to confirm the location of "all" services prior to the commencement of works.

Caution

Existing live electrical assets located in this vicinity, appropriate safety precautions must be utilized.

Establish Proposed PMS No.95862,
- Transformer: 500kVA (11000-433V).
- HV Switchgear: ABB SafeLink, Type: "CFCC".
- HV Fuses: 12kV, 50Amp (Full Range).
- LV Switchgear: Weber CAT 1, Config: "FFIFF".
- LV Fuses: LV 250A (DIN, size 2)
- Cubicle: Size 14,
- Earthing: Common (refer Earth Design).

Establish Proposed PMS No.95863,
- Transformer: 500kVA (11000-433V).
- HV Switchgear: Siemens 8DJH, Type: "RTR".
- HV Fuses: 12kV, 50Amp (Full Range).
- LV Switchgear: Weber CAT 1, Config: "FFIFF".
- LV Fuses: LV 250A (DIN, size 2)
- Cubicle: Size 14,
- Earthing: Common (refer Earth Design).

Establish Proposed PMS No.95864,
- Transformer: 500kVA (11000-433V).
- HV Switchgear: ABB SafeLink, Type: "CFCC".
- HV Fuses: 12kV, 50Amp (Full Range).
- LV Switchgear: Weber CAT 1, Config: "FFIFF".
- LV Fuses: LV 250A (DIN, size 2)
- Cubicle: Size 14,
- Earthing: Common (refer Earth Design).

Lot 5290, DP1236023

Riparian Area

Underbore Contained within a 3.0m wide easement for Underground Cables (underbore to have a minimum 1.5m cover)

Points 9d - 9f
Cable Route Markers
Are to be installed over the top of the new cable route in accordance with the requirements of EE Standards MC80005 (Section 3.5.2.5).

Continues Site Plan Sheet 3

SAP Data Sub 95862	
HV BusBar	19545
Trf	10004288
LV BusBar	37334

SAP Data Sub 95863	
HV BusBar	19546
Trf	10004289
LV BusBar	37335

SAP Data Sub 95864	
HV BusBar	19547
Trf	10004290
LV BusBar	37336

0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m

Scale 1:1000

LEGEND

- Existing Underground Cable/s,
- Existing Conduits (Ducts),
- Proposed New Conduits (Ducts),
- Street Light Trenching
- Low Voltage Trenching
- High Voltage Trenching
- Lay 40mm P.V.C. Service Conduits
- Existing Service Mains
- Pillar Excavation Location,
- Existing Pillar,
- Proposed Column Excavation location - 4.5m Enlarged Base Column & 3.0m Curved Pipe Outreach - Type 2 Ragbolt (Type 2 Footing) - Colour Powdercoated Black
- Proposed Column Excavation location - 8.5m Enlarged Base Column & 4.5m Curved Pipe Outreach - Type 2 Ragbolt (Universal Footing) - Colour Powdercoated Black
- Existing Column,
- Proposed New Streetlight Lantern,
- Existing Streetlight Lantern,
- Proposed New Padmount Substation,
- Existing Padmount Substation,
- Point Indicator,
- Hatched Lot Loss than 350m²

Trench Length

High Voltage Trenching	1343m
Underbore	202m
Low Voltage Trenching	1320m
Street Light Trenching	26m
Road Crossing	879m
Total	3770m

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE _____ DATE _____

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Cadastre: © Land and Property Information 2016

AMENDMENTS			
A	ORIGINAL ISSUE 22-6-2023		
DRAFT No. 01	B	18-03-2024	CHK Michael.j.B
			DWN Michael.j.B
			Route through Riparian re-aligned at developers request.
DRAFT No. 01	C	02-05-2024	CHK Michael.j.B
			DWN Michael.j.B
			Asset Numbers Altered to Align with ADMS
DRAFT No. 01			

powerlinedesign
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Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2486 / ABN: 23107 591 846

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PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

DO NOT SCALE Dimensions in Meters

Drawn	Michael.j.B	Date	02-05-2024
Ch'd	Michael.j.B	Design	Michael.j.B

MGA 56: GDA94

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 527571 C

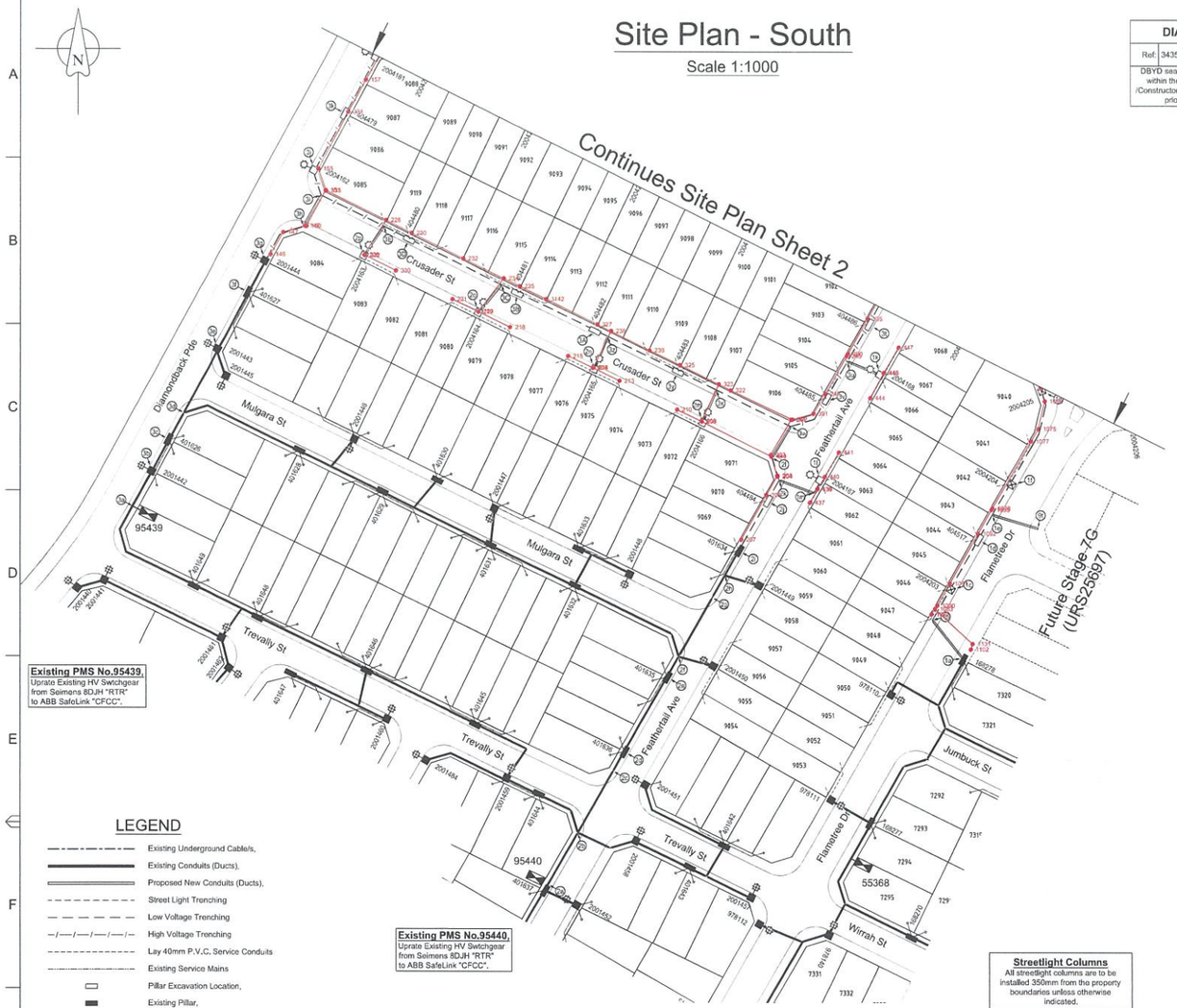
SHEET No 2 OF 12 SHEETS

64545

12 #4382

Site Plan - South

Scale 1:1000



LEGEND

- Existing Underground Cable/s,
- Existing Conduits (Ducts),
- Proposed New Conduits (Ducts),
- Street Light Trenching
- Low Voltage Trenching
- High Voltage Trenching
- Lay 40mm P.V.C. Service Conduits
- Existing Service Mains
- Pillar Excavation Location,
- Existing Pillar,
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- Existing Column,
- Proposed New Streetlight Lantern,
- Existing Streetlight Lantern,
- Proposed New Padmount Substation,
- Existing Padmount Substation,
- Point Indicator,
- Hatched Lot Less than 350m²

0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m

Scale 1:1000

Trench Length

High Voltage Trenching	1434m
Underbore	202m
Low Voltage Trenching	1208m
Street Light Trenching	26m
Road Crossing	866m
Total	3736m

DIAL BEFORE YOU DIG

Ref: 34352730 | Date: 06 June, 2023

DBYD searches indicates the presence of services within the proposed work-site. The Level 1 ASP /Constructor is to confirm the location of "**all**" services prior to the commencement of works.

Caution

Existing live electrical assets located in this vicinity, appropriate safety precautions must be utilized.

Final Ground Level

The constructor is to confirm finished ground level with the developer prior to the commencement of construction.

Route Lengths

All route lengths are to be confirmed on site by the constructor prior to ordering materials.

Pollution

Requirements of the environmental protection authority pollution control legislation is to be strictly adhered to.

Existing Conduits

All conduits are to be mandrelled, proven clear, free of foreign material, and deformation prior to the installation of cables.

Proposed Ducts/Conduits

All Proposed 125mm ducts / conduits are to have a minimum 750mm cover, (in accordance with MDI0028)

Breakaway Links

Breakaway links must be used during each cable pull. The link must be of a lesser value than the maximum cable pulling tension (Refer MDI0028).

Pulling Compound

A cable pulling compound with a coefficient of friction less than 0.2 must be used on all cable pulls greater than 25m.

Testing and Commissioning

All required testing in accordance with SDI 120 must be performed in strict accordance with the standard.

Service Ducts

The end of service ducts must not be placed under proposed driveways. (Refer to Developers Representative for details for details)

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Cable Lengths

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Streetlight Columns

All streetlight columns are to be installed 350mm from the property boundaries unless otherwise indicated.

Streetlight LV Supply

All active conductors extending from LV pillars to service streetlight columns to be fitted with a 16A in line fuse.

Painting of Columns

Local council requires a certificate from the manufacturer supplied confirming the power coated columns are in accordance with the requirements of AS/NZ 4506-2005.

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

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WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE _____ DATE _____

ASSET RECORDING

I STEVE FRIDAY

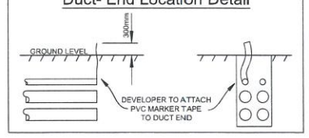
OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

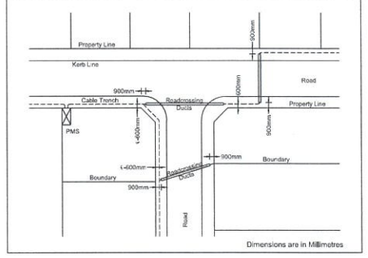
HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Duct- End Location Detail

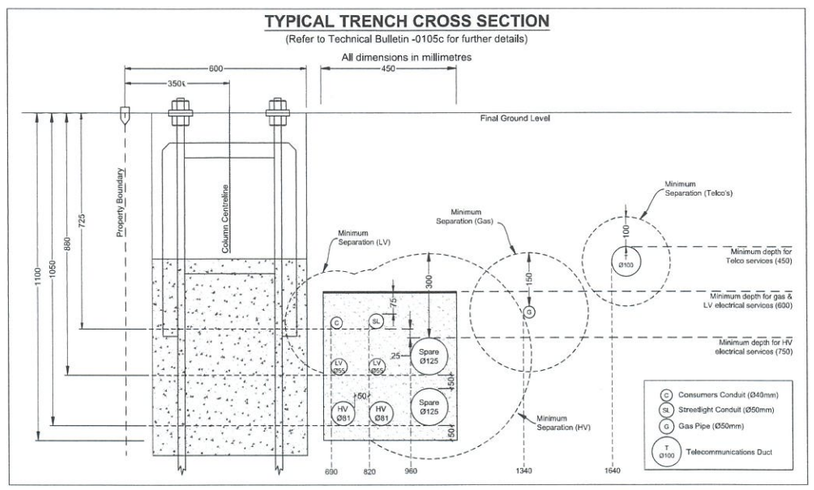


TYPICAL ROAD CROSSING CONFIGURATION



TYPICAL TRENCH CROSS SECTION

(Refer to Technical Bulletin -0105c for further details)



Cadastre: © Land and Property Information 2016

AMENDMENTS				
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powerlinedesign
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Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2486 / ABN: 33107 591 846

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PLD Ref: 3868

TEMPLATE VERSION No. 5.2

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		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

Drawn Michael.j.B | Date 02-05-2024 | Ch'd Michael.j.B | Design Michael.j.B

DO NOT SCALE
Dimensions in Meters
MGA 56: GDA94

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 527571 C

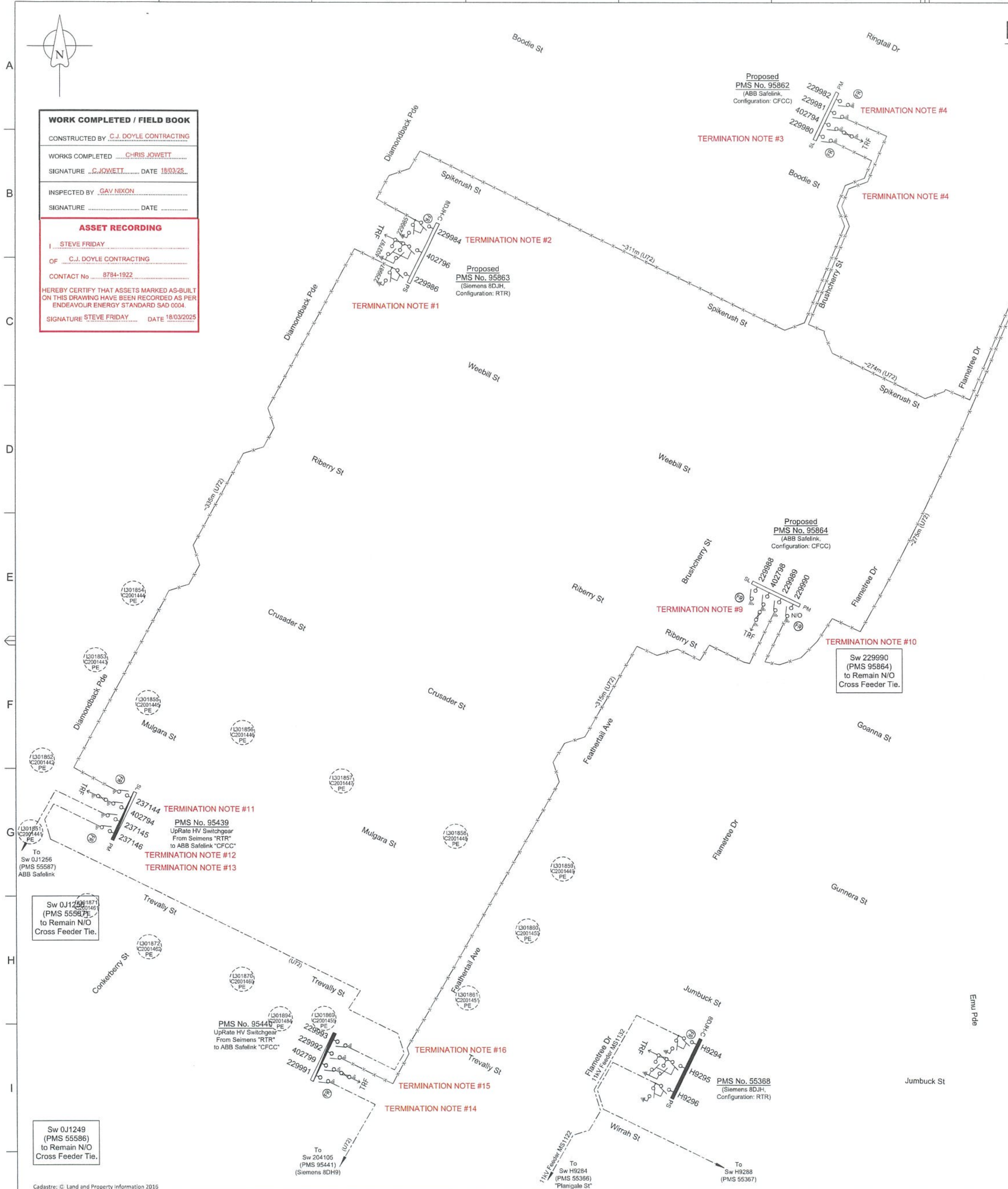
SHEET No 3 OF 15 SHEETS

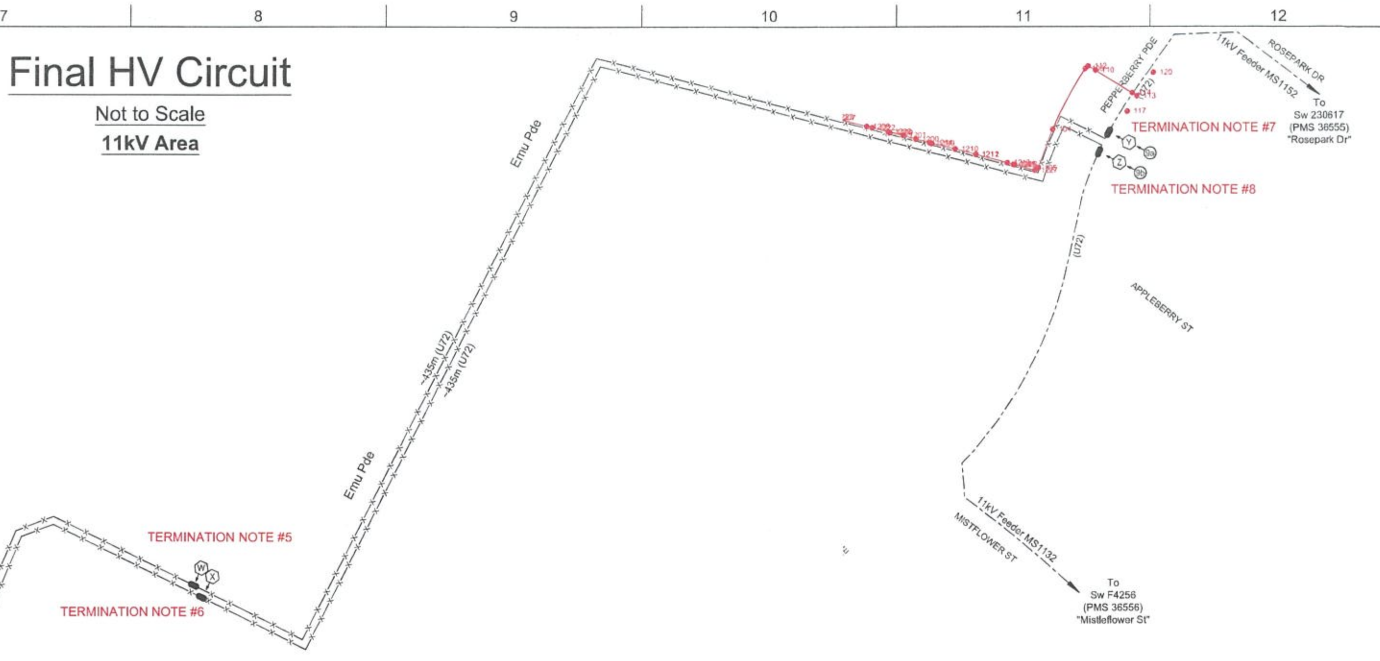
64545 #4382

Final HV Circuit

Not to Scale

11kV Area





WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE .... DATE ....

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

11kV Switching Requirements at Commissioning of this Project	
Open	Sw A3357 (PMS 33169) "Malaleuca" Sh12
Close	Sw A3346 (PMS 33167) "Geranium" Sh12
Close	Sw A5855 (PMS 33408) "Bromus" Sh12
Close	Sw 237144 (PMS 95439) "Diamondback"
Close	Sw 237145 (PMS 95439) "Diamondback"
Close	Sw 237146 (PMS 95439) "Diamondback"
Close	Sw 229989 (PMS 95864) "Riberry"
Open	Sw 229990 (PMS 95864) "Riberry"
Open	Sw J1256 (PMS 55587) "Mazus"
Open	Sw J1249 (PMS 55586) "Numbat"

South Marsden Park ZS
Reference: (Q-9)
Feeder: MS1162 "Northborne Dr"
1ϕ Fault level @ SUB 54759: 5.25kA

Endeavour Energy Network Capacity Planner to be contacted prior to commissioning to confirm Final Switching Requirements

LEGEND

- Existing Underground Cable/s
- Install 11kV 240mm² Al 3-Core XLPE/PVC/HDPE Cable (U72)
  R.L. 2412m, C.L.2533m. (This Sheet)
  R.L. 2649m, C.L. 2782m. (Entire Project including sheet 12)
- Straight Through Joint (STJ).

Certified by Endeavour Energy

Amendment: ____________

Date Approved: ____________

Examiner's Signature: ____________

Print Name: ____________

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

TERMINATION NOTE #1

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1355
JOINT/TERMINATION KIT #: RSTI-5855
JOINT/TERMINATION BATCH #: CM0013-011
DATE OF MANUFACTURE: 04/02/22

TERMINATION NOTE #2

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1355
JOINT/TERMINATION KIT #: RSTI-5855
JOINT/TERMINATION BATCH #: CM0013-011
DATE OF MANUFACTURE: 04/02/22

TERMINATION NOTE #3

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #4

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #5

JOINT/TERMINATION TYPE: HV STJ
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: MXSU-P101
JOINT/TERMINATION BATCH #: CZ2315-000
DATE OF MANUFACTURE: 20/07/21

TERMINATION NOTE #6

JOINT/TERMINATION TYPE: HV STJ
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: MXSU-P101
JOINT/TERMINATION BATCH #: CZ2315-000
DATE OF MANUFACTURE: 20/07/21

TERMINATION NOTE #7

JOINT/TERMINATION TYPE: HV STJ
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: MXSU-P101
JOINT/TERMINATION BATCH #: CZ2315-000
DATE OF MANUFACTURE: 20/07/21

TERMINATION NOTE #8

JOINT/TERMINATION TYPE: HV STJ
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: MXSU-P101
JOINT/TERMINATION BATCH #: CZ2315-000
DATE OF MANUFACTURE: 20/07/21

TERMINATION NOTE #9

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1355
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #10

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1355
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #11

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #12

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #13

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #14

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

TERMINATION NOTE #15

JOINT/TERMINATION TYPE: INDOOR TERMINATION
NETWORK ACCESS AUTHORISATION: 1584
JOINT/TERMINATION KIT #: C SEN12630-240/300
JOINT/TERMINATION BATCH #:
DATE OF MANUFACTURE: 05/12/20

AMENDMENTS					
A	ORIGINAL ISSUE 22-6-2023	DRAFT No. 01			
B	18-03-2024	CHK Michael.j.B	DWN Michael.j.B	Route through Riperian re-aligned at developers request.	DRAFT No. 01
C	02-05-2024	CHK Michael.j.B	DWN Michael.j.B	Asset Numbers Altered to Alighn with ADMS	DRAFT No. 01

powerlinedesign
POWER LINE DESIGN PTY LTD
PO BOX 338 Mittagong NSW 2575
Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2486 / ABN: 33107 591 846

The preparation of this design has been undertaken giving due consideration to the existing services. The project constructor is wholly responsible for verify the exact location of existing services and permanent survey marks prior to commencing construction. No responsibility or liability will be accepted by the designer of this project for damage to existing services as a result of this design.

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders	
527570C	URS26188 Duct Trench & Easement	General	
		Overhead	
		Underground	
		Substations	

CAMS File No.	URS26188
AM Project No.	
HV Switching	
EE Depot	Kings Park
EE Region	Northern
HV OP Diagram	Marsden Park
Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

Drawn	MIchael.j.B
Date	02-05-2024
Ch'd	MIchael.j.B

DO NOT SCALE
Dimensions in Meters
MGA 56: GDA94
Design MIchael.j.B

Off Richmond Road
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URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

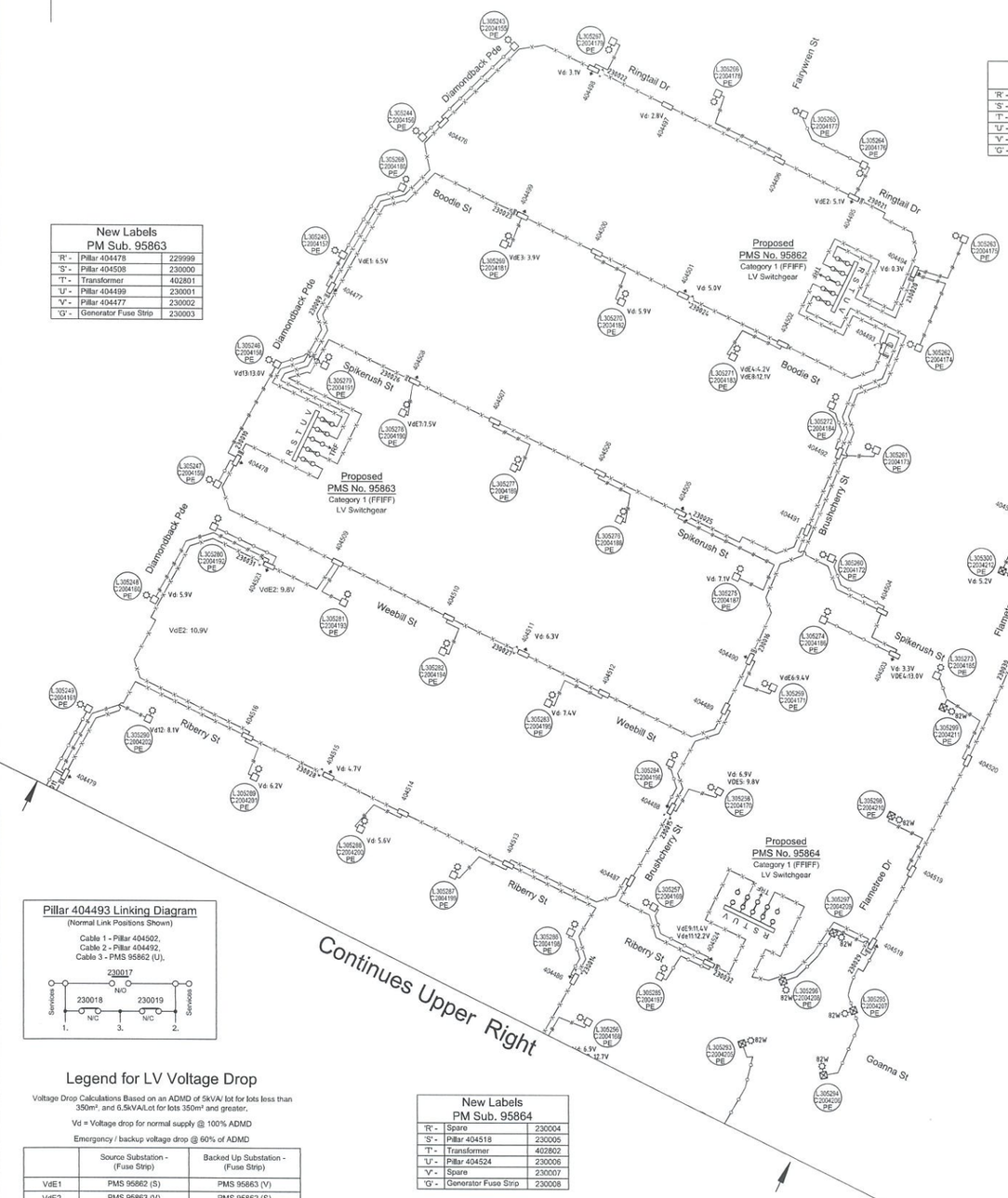
A1 527571 C

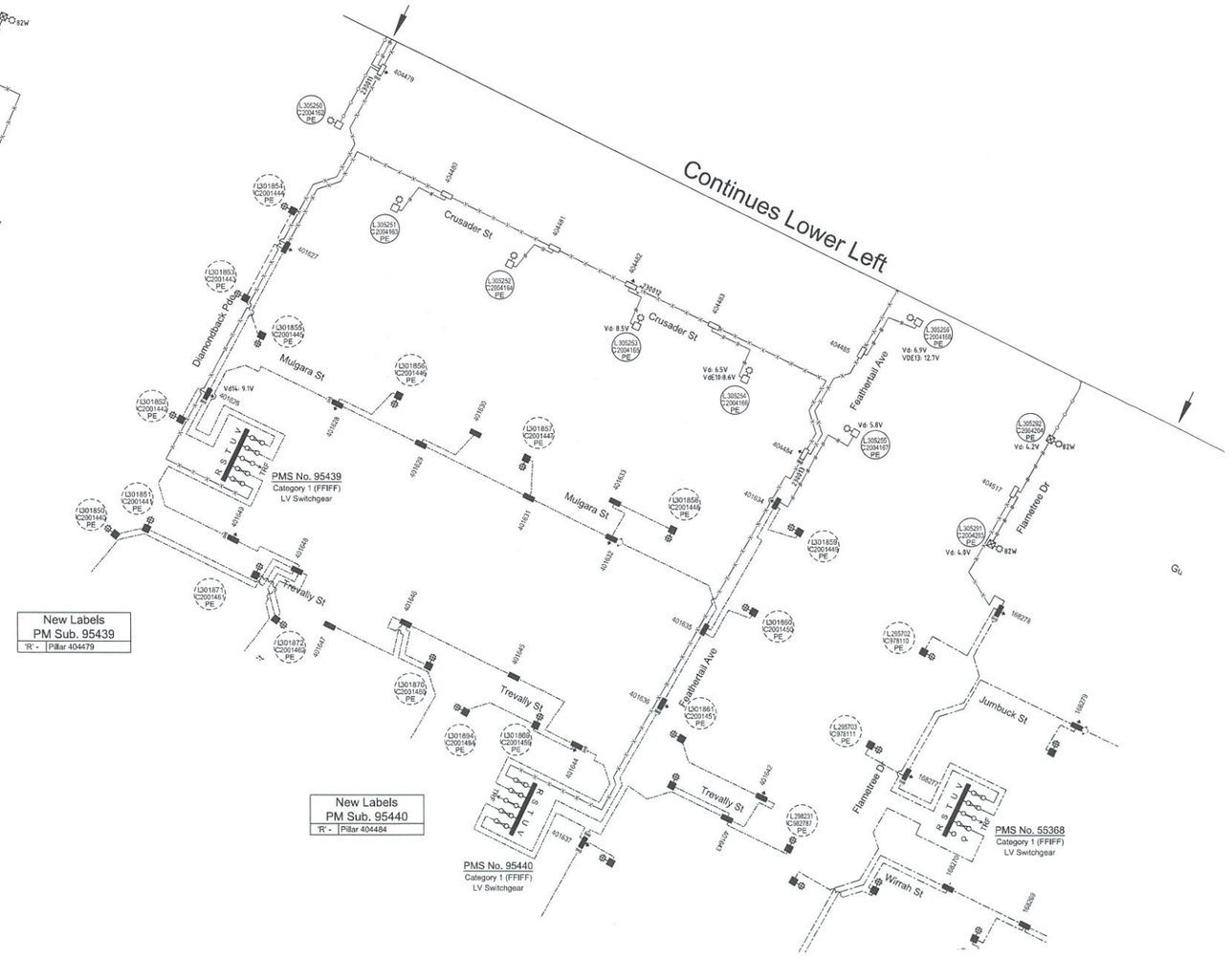
SHEET No 4 OF 15 SHEETS

64545 #4382

Final LV Circuit

Not to Scale





New Labels PM Sub. 95863		
'R' -	Pillar 404478	229999
'S' -	Pillar 404508	230000
'T' -	Transformer	402801
'U' -	Pillar 404499	230001
'V' -	Pillar 404477	230002
'G' -	Generator Fuse Strip	230003

New Labels PM Sub. 95862		
'R' -	Pillar 404494	229994
'S' -	Pillar 404495	229995
'T' -	Transformer	402800
'U' -	Pillar 404493	229996
'V' -	Pillar 404490	229997
'G' -	Generator Fuse Strip	229998

LEGEND

- Existing Underground Cable/s.
- Install 240mm² Al 4-Core XLPE/PVC Cable (T84) R.L. 3158 m, C.L. 3395 m.
- Install 50mm² Cu 4-Core XLPE/PVC Cable (T94) R.L. 1121 m, C.L. 1233 m.
- Install 1x 16mm² Cu 2-Core XLPE/PVC Cable In 50mm Conduit. R.L. 526 m, C.L. 579 m.
- LV Isolation Switch/Links (N/O)
- LV Isolation Switch/Links (N/C)
- Pillar Earth
- Proposed Column Excavation location - 4.5m Enlarged Base Column & 3.0m Eden Outreach - Type 2 Ragbolt (Type 2 Footing) - Colour Powdercoated Black
- Proposed Column Excavation location - 8.5m Enlarged Base Column & 4.5m Curved Pipe Outreach - Type 2 Ragbolt (Universal Footing) - Colour Powdercoated Black
- Proposed New Street Light Lantern - 17W StreetLED
- Proposed New Street Light Lantern - 82W StreetLED
- Lantern Number - Proposed Asset / Column Number - Proposed Asset (PE Controlled)
- Lantern Number - Existing Asset / Column Number - Existing Asset (PE Controlled)

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE ..... DATE .....

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

Pillar 404493 Linking Diagram

(Normal Link Positions Shown)

Cable 1 - Pillar 404502,
Cable 2 - Pillar 404492,
Cable 3 - PMS 95862 (U),

Legend for LV Voltage Drop

Voltage Drop Calculations Based on an ADMD of 5kVA/ lot for lots less than 350m², and 6.5kVA/Lot for lots 350m² and greater.

Vd = Voltage drop for normal supply @ 100% ADMD

Emergency / backup voltage drop @ 60% of ADMD

	Source Substation - (Fuse Strip)	Backed Up Substation - (Fuse Strip)
VdE1	PMS 95862 (S)	PMS 95863 (V)
VdE2	PMS 95863 (V)	PMS 95862 (S)
VdE3	PMS 95862 (U)	PMS 95863 (S)
VdE4	PMS 95863 (S)	PMS 95862 (U)
VdE5	PMS 95862 (V)	PMS 95863 (R)
VdE6	PMS 95863 (R)	PMS 95862 (V)
VdE7	PMS 95862 (U)	PMS 95863 (S)
VdE8	PMS 95863 (S)	PMS 95862 (U)
VdE9	PMS 95440 (R)	PMS 95864 (U)
VdE10	PMS 95864 (U)	PMS 95440 (R)
VdE11	PMS 95439 (R)	PMS 95864 (U)
VdE12	PMS 95864 (U)	PMS 95439 (R)
VdE13	PMS 95439 (V)	PMS 95440 (V)
VdE14	PMS 95440 (V)	PMS 95439 (V)

New Labels PM Sub. 95864		
'R' -	Spare	230004
'S' -	Pillar 404518	230005
'T' -	Transformer	402802
'U' -	Pillar 404524	230006
'V' -	Spare	230007
'G' -	Generator Fuse Strip	230008

New Labels PM Sub. 95439		
'R' -	Pillar 404479	

New Labels PM Sub. 95440		
'R' -	Pillar 404484	

AMENDMENTS				
A	ORIGINAL ISSUE	22-6-2023	CHK	Michael.j.B
	DRAFT No. 01		DWN	Michael.j.B
B		18-03-2024		Route through Riperian re-aligned at developers request.
				DRAFT No. 01
C		02-05-2024	CHK	Michael.j.B
			DWN	Michael.j.B
				Asset Numbers Altered to Align with ADMS
				DRAFT No. 01

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PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

DO NOT SCALE Dimensions in Meters

Drawn	Michael.j.B	
Date	02-05-2024	MGA 56: GDA94
Ch'd	Michael.j.B	Design Michael.j.B

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 527571 C

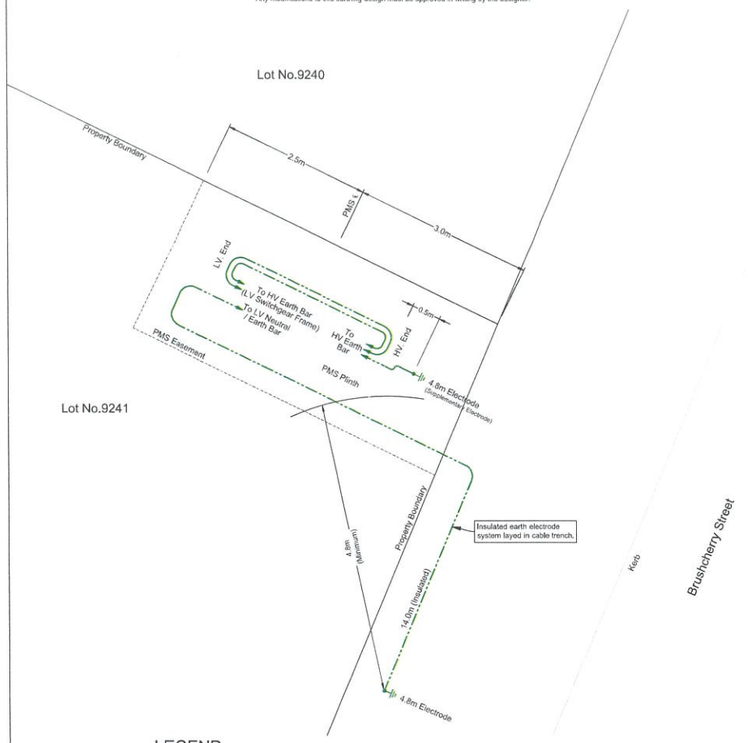
SHEET No 5 OF 15 SHEETS

64545 #4382

Padmount Substation PMS 95862
Common Earth Configuration

Not to Scale
Earthing Construction to EDI-0006
Information Updated After Commissioning on _____

Earthing design is based on the requirements of Endeavour Energy's EDI100 & EDI001.
Any modifications to this earthing design must be approved in writing by the designer.



LEGEND

19/2.14 (70mm²) Insulated PVC/PVC Annealed Cu Cable

Earth Electrode Location & Length
(Length of bare electrode shown in meters)

Common Earthed PMS
2x Insulated copper links to be installed between the HV BAR mounted on the LV frame & the LV Neutral / Earth bar.

EARTHING DETAILS

Soil Resistivity (Ohms.m)	Layer 1	28.17 Ω	Depth (m)	5.97m
	Layer 2	16.0Ω		Infinity
Design Earth Resistance (Ohms)				6.4Ω
Measured Earth Resistance (Ohms)				
Number of Electrodes (Excluding Supplementary Electrodes)				1
Length of Bare Electrode (m)				4.8
Insulated Depth (m)				0.6
Connector Type (CAD or CRIMP)				Crimp
Location Category (F-frequented, R-remote, S-special)				F
What Design Tools Used?				3E
HV Fault Level (kA)				1.82kA
Is this the first Asset from Zone Substation? (If Yes, check Z/S Earthing Configuration)				N
Are Cable Screens of Incoming Cable Bonded to Distribution Substation Earth Bar?				Yes

HV Earth Minimum Separation

	Design	Actual		Design	Actual
TDMEN	0.0m	>5.0m	Telco	0.0m	>5.0m
TDB	0.0m	>5.0m	Pipes	0.0m	>5.0m
TDU	0.0m	>5.0m	HV - LV	4.8m	4.8m

Padmount Substation PMS 95863
Common Earth Configuration

Not to Scale
Earthing Construction to EDI-0006
Information Updated After Commissioning on _____

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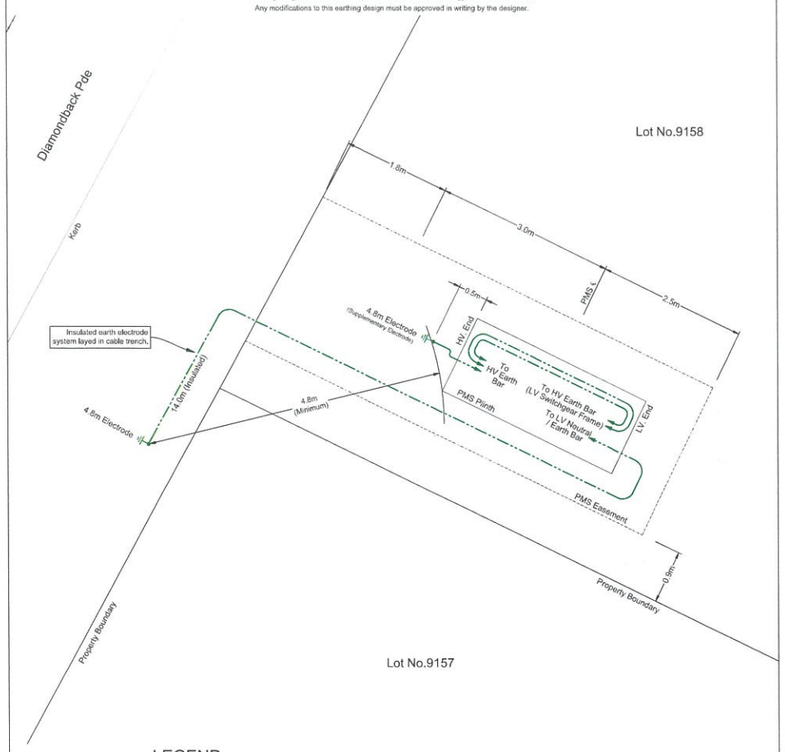

LEGEND

19/2.14 (70mm²) Insulated PVC/PVC Annealed Cu Cable

Earth Electrode Location & Length
(Length of bare electrode shown in meters)

Common Earthed PMS
2x Insulated copper links to be installed between the HV BAR mounted on the LV frame & the LV Neutral / Earth bar.

EARTHING DETAILS

Soil Resistivity (Ohms.m)	Layer 1	28.17 Ω	Depth (m)	5.97m
	Layer 2	16.0Ω		Infinity
Design Earth Resistance (Ohms)				6.4Ω
Measured Earth Resistance (Ohms)				
Number of Electrodes (Excluding Supplementary Electrodes)				1
Length of Bare Electrode (m)				4.8
Insulated Depth (m)				0.6
Connector Type (CAD or CRIMP)				Crimp
Location Category (F-frequented, R-remote, S-special)				F
What Design Tools Used?				3E
HV Fault Level (kA)				1.82kA
Is this the first Asset from Zone Substation? (If Yes, check Z/S Earthing Configuration)				N
Are Cable Screens of Incoming Cable Bonded to Distribution Substation Earth Bar?				Yes

HV Earth Minimum Separation

	Design	Actual		Design	Actual
TDMEN	0.0m	>5.0m	Telco	0.0m	>5.0m
TDB	0.0m	>5.0m	Pipes	0.0m	>5.0m
TDU	0.0m	>5.0m	HV - LV	4.8m	4.8m

Padmount Substation PMS 95864
Common Earth Configuration

Not to Scale
Earthing Construction to EDI-0006
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LEGEND

19/2.14 (70mm²) Insulated PVC/PVC Annealed Cu Cable

Earth Electrode Location & Length
(Length of bare electrode shown in meters)

Common Earthed PMS
2x Insulated copper links to be installed between the HV BAR mounted on the LV frame & the LV Neutral / Earth bar.

EARTHING DETAILS

Soil Resistivity (Ohms.m)	Layer 1	28.17 Ω	Depth (m)	5.97m
	Layer 2	16.0Ω		Infinity
Design Earth Resistance (Ohms)				6.4Ω
Measured Earth Resistance (Ohms)				
Number of Electrodes (Excluding Supplementary Electrodes)				1
Length of Bare Electrode (m)				4.8
Insulated Depth (m)				0.6
Connector Type (CAD or CRIMP)				Crimp
Location Category (F-frequented, R-remote, S-special)				F
What Design Tools Used?				3E
HV Fault Level (kA)				1.82kA
Is this the first Asset from Zone Substation? (If Yes, check Z/S Earthing Configuration)				N
Are Cable Screens of Incoming Cable Bonded to Distribution Substation Earth Bar?				Yes

HV Earth Minimum Separation

	Design	Actual		Design	Actual
TDMEN	0.0m	>5.0m	Telco	0.0m	>5.0m
TDB	0.0m	>5.0m	Pipes	0.0m	>5.0m
TDU	0.0m	>5.0m	HV - LV	4.8m	4.8m

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING
WORKS COMPLETED CHRIS JOWETT
SIGNATURE C JOWETT DATE 18/03/25
INSPECTED BY GAV NIXON
SIGNATURE ..... DATE .....

ASSET RECORDING

I STEVE FRIDAY
OF C.J. DOYLE CONTRACTING
CONTACT No 8784-1922
HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.
SIGNATURE STEVE FRIDAY DATE 18/03/2025

Certified by Endeavour Energy

Amendment: _____
Date Approved: _____
Examiner's Signature: _____
Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

AMENDMENTS			
A	ORIGINAL ISSUE 22-5-2023	DRAFT No. 01	
B	18-03-2024	CHK	Michael.j.B
		DWN	Michael.j.B
			Route through Riparian. re-aligned at developers request.
C	02-05-2024	CHK	Michael.j.B
		DWN	Michael.j.B
			Asset Numbers Altered to Align with ADMS
			DRAFT No. 01

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Accredited Designer Number 2486 / ABN: 33167 591 846

PLD Ref: 3868

TEMPLATE VERSION No. 3.1

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000
DO NOT SCALE
Dimensions in Meters

Drawn	Michael.j.B		
Date	02-05-2024	MGA 56: GDA94	
Ch'd	Michael.j.B	Design	Michael.j.B

Off Richmond Road
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URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 | 527571 | C

SHEET No 6 OF 15 SHEETS

64545 #4382

Duct Breakdown Table

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
1b - 1c	LV Trenching in Cable Allocation	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1c - 1d	LV Trenching in Cable Allocation	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1d - 1e	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1e - 1f	LV Trenching in Cable Allocation	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1f - 1g	LV Trenching in Cable Allocation	36m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1g - 1h	LV Trenching in Cable Allocation	14m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1i - 1j	HV Trenching in Cable Allocation	18m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1l-1m	LV Trenching in Cable Allocation	5m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2a - 2b	Install New LV and HV Cables in existing cable Allocation Ducts.	21m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2b- 2c	Install New LV and HV Cables in existing Road Crossing Ducts.	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2c - 2d	Install New LV and HV Cables in existing cable Allocation Ducts.	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2d - 2e	Install New LV and HV Cables in existing cable Allocation Ducts.	31m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2e - 2f	Install New LV and HV Cables in existing cable Allocation Ducts.	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2f - 2g	Install New LV and HV Cables in existing Road Crossing Ducts.	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2g - 2h	Install New LV and HV Cables in existing cable Allocation Ducts.	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
2h - 2i	Install New LV and HV Cables in existing cable Allocation Ducts.	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2i - 2j	HV Trenching in Cable Allocation	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2j - 2k	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2k - 2l	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3a - 3b	Install New HV & LV Cable in existing cable Allocation Ducts.	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3b - 3c	Install New LV Cable in existing cable Allocation Ducts.	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3c - 3d	Install New LV Cable in existing cable Allocation Ducts.	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3d - 3e	Install New LV Cable in existing Road Crossing Ducts.	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3e - 3f	Install New LV Cable in existing cable Allocation Ducts.	22m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3f - 3g	Install New LV Cable in existing cable Allocation Ducts.	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3g - 3h	HV Trenching in Cable Allocation	18m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3i - 3j	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3j - 3k	HV Trenching in Cable Allocation	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3k - 3l	HV Trenching in Cable Allocation	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3l - 3m	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
3m - 3n	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3r - 3s	LV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3s - 3t	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3t - 3u	HV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3u - 3v	HV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3v - 3w	HV Trenching in Cable Allocation	16m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3w - 3x	LV Trenching in Cable Allocation	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3x - 3y	LV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3y - 3z	LV Trenching in Cable Allocation	28m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3z - 3A	LV Trenching in Cable Allocation	5m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3A - 3B	LV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3B - 3C	LV Trenching in Cable Allocation	6m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3C - 3D	LV Trenching in Cable Allocation	37m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3D - 3E	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3E - 3i	LV Trenching in Cable Allocation	2m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE ..... DATE .....

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Conduit / Cable Legend

- LV Cable - Direct Buried.
- HV Cable - Direct Buried.
- 50mm Duct - Spare.
- 50mm Duct - with Existing Cable.
- 50mm Duct - with New SL Cable.
- 125mm Duct - with Existing Cable.
- 125mm Duct - with New Cable.
- 125mm Duct - Spare.

AMENDMENTS

A	ORIGINAL ISSUE 22-6-2023		
B	DRAFT No. 01 18-03-2024	CHK Michael.j.B	DWN Michael.j.B
	Route through Riperian re-aligned at developers request.		
C	DRAFT No. 01 02-05-2024	CHK Michael.j.B	DWN Michael.j.B
	Asset Numbers Altered to Align with ADMS		
	DRAFT No. 01		

powerlinedesign
POWER LINE DESIGN PTY LTD
PO BOX 338 Mittagong NSW 2575
Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2468 / ABN: 33107 591 946

The preparation of this design has been undertaken giving due consideration to the existing services. The project constructor is wholly responsible for verify the exact location of existing services and permanent survey marks prior to commencing construction. No responsibility or liability will be accepted by the designer of this project for damage to existing services as a result of this design.

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

DO NOT SCALE Dimensions in Meters

Drawn	Michael.j.B	Design	Michael.j.B
Date	02-05-2024	MGA 56: GDA94	
Ch'd	Michael.j.B		

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 527571 C

SHEET No 7 OF 15 SHEETS

64545 #4382

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
4a - 4b	LV Trenching in Cable Allocation	45m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4b - 4c	LV Trenching in Cable Allocation	5m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4c - 4d	LV Trenching in Cable Allocation	28m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4d - 4e	LV Trenching in Cable Allocation	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4e - 4f	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4f - 4g	LV Trenching in Cable Allocation	35m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4g - 4h	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4h - 4i	LV Trenching in Cable Allocation	36m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4i - 4j	LV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4j - 4k	LV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4k - 4l	LV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4l - 4m	LV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4m - 4n	LV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4q - 4s	LV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4s - 4t	LV Trenching in Cable Allocation	21m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
4t - 4u	LV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4u - 4v	HV Trenching in Cable Allocation	22m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4v - 4a	HV Trenching in Cable Allocation	31m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5a - 5b	LV Trenching in Cable Allocation	51m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5b - 5c	LV Trenching in Cable Allocation	45m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5c - 5d	LV Trenching in Cable Allocation	5m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5d - 5e	LV Trenching in Cable Allocation	25m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5e - 5f	LV Trenching in Cable Allocation	18m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5f - 5g	LV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5g - 5h	LV Trenching in Cable Allocation	35m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5h - 5i	LV Trenching in Cable Allocation	16m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5i - 5j	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5j - 5k	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5k - 5l	LV Trenching in Cable Allocation	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5l - 5m	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
5q - 5r	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5r - 5s	HV Trenching in Cable Allocation	7m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5s - 5t	HV Trenching in Cable Allocation	28m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5t - 5a	HV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6a - 6b	HV Trenching in Cable Allocation	35m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6b - 6c	HV Trenching in Cable Allocation	33m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6c - 6d	HV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6d - 6e	HV Trenching in Cable Allocation	28m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6e - 6f	HV Trenching in Cable Allocation	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6f - 6g	HV Trenching in Cable Allocation	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6g - 6h	HV Trenching in Cable Allocation	39m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6h - 6i	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6i - 6j	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6j - 6k	HV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6k - 6l	HV Trenching in Cable Allocation	16m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C. JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE _____ DATE _____

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Conduit / Cable Legend

- LV Cable - Direct Buried.
- HV Cable - Direct Buried.
- 50mm Duct - Spare.
- 50mm Duct - with Existing Cable.
- 50mm Duct - with New SL Cable.
- 125mm Duct - with Existing Cable.
- 125mm Duct - with New Cable.
- 125mm Duct - Spare.

AMENDMENTS

A	ORIGINAL ISSUE	22-6-2023		
	DRAFT No. 01	18-03-2024	Michael.j.B	CHK
B	Route through Riperian re-aligned at developers request.		Michael.j.B	DWN
	DRAFT No. 01	02-05-2024	Michael.j.B	CHK
C	Asset Numbers Allotted to Aligns with ADMS		Michael.j.B	DWN
	DRAFT No. 01			

powerlinedesign
POWER LINE DESIGN PTY LTD
PO BOX 338 Mittagong NSW 2575
Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2486 / ABN: 33107 591 846

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

DO NOT SCALE Dimensions in Meters

Drawn	Michael.j.B	Design	Michael.j.B
Date	02-05-2024		
Ch'd	Michael.j.B		

MGA 56: GDA94

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 527571 C

SHEET No 8 OF 15 SHEETS

64545 #4382

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
6p - 6q	LV Trenching in Cable Allocation	31m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6q - 6r	LV Trenching in Cable Allocation	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6r - 6a	LV Trenching in Cable Allocation	18m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7a - 7b	LV Trenching in Cable Allocation	36m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7b - 7c	LV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7c - 7d	LV Trenching in Cable Allocation	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7d - 7e	LV Trenching in Cable Allocation	23m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7e - 7f	LV Trenching in Cable Allocation	25m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7f - 7g	LV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7g - 7h	LV Trenching in Cable Allocation	27m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7h - 7i	HV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7i - 7j	HV Trenching in Cable Allocation	2m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7j - 7k	HV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7k - 7l	HV Trenching in Cable Allocation	16m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7l - 7m	HV Trenching in Cable Allocation	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
7m - 7n	HV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7n - 7o	HV Trenching in Cable Allocation	27m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7o - 7p	HV Trenching in Cable Allocation	19m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7p - 7q	HV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7q - 7r	HV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7r - 7s	LV Trenching in Cable Allocation	17m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7s - 7t	LV Trenching in Cable Allocation	37m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7t - 7u	LV Trenching in Cable Allocation	9m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7u - 7a	LV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8a - 8b	LV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8d - 8e	LV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8g -8h	LV Trenching in Cable Allocation	16m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8h - 8i	LV Trenching in Cable Allocation	27m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8k - 8l	HV Trenching in Cable Allocation	25m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8l - 8m	HV Trenching in Cable Allocation	36m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
8n - 8o	LV Trenching in Cable Allocation	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8o - 8p	LV Trenching in Cable Allocation	23m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9a - 9	Existing Trench	2m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9 - 9b	Existing Trench	2m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9c - 9d	New Underboard Easement	17m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9d - 9e	New Underboard Easement	202m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9e - 9f	HV Trenching in Cable Allocation	181m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9f - 9g	HV Trenching in Road Crossing	22m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9g - 9h	HV Trenching in Future Allocation	54m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9h - 9i	HV Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9i - 9j	HV Trenching in Cable Allocation	44m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9j - 9k	HV Trenching in Cable Allocation	27m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9k - 9l	HV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9l - 9m	HV Trenching in Cable Allocation	33m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9m - 9n	HV Trenching in Cable Allocation	13m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
	Sub Totals		0	$ 0	0	$ 0	0	$ 0	0	$ 0
	Column Total		$ 0				$ 0			

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE ..... DATE .....

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Conduit / Cable Legend

- LV Cable - Direct Buried.
- HV Cable - Direct Buried.
- 50mm Duct - Spare.
- 50mm Duct - with Existing Cable.
- 50mm Duct - with New SL Cable.
- 125mm Duct - with Existing Cable.
- 125mm Duct - with New Cable.
- 125mm Duct - Spare.

AMENDMENTS
- A ORIGINAL ISSUE 22-6-2023 DRAFT No. 01
- B 18-03-2024 Michael.j.B CHK Michael.j.B DWN Route through Riparian re-alignment at developers request. DRAFT No. 01
- C 02-05-2024 Michael.j.B CHK Michael.j.B DWN Asset Numbers Altered to Align with ADMS DRAFT No. 01

powerlinedesign
POWER LINE DESIGN PTY LTD
PO BOX 338 Mittagong NSW 2575
Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2488 : ABN: 33107 591 846

The preparation of this design has been undertaken giving due consideration to the existing services. The project constructor is wholly responsible for verify the exact location of existing services and permanent survey marks prior to commencing construction. No responsibility or liability will be accepted by the designer of this project for damage to existing services as a result of this design.

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000 | DO NOT SCALE Dimensions in Meters

Drawn Michael.j.B | Date 02-05-2024 | Ch'd Michael.j.B | Design Michael.j.B

MGA 56: GDA94

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 | 527571 | C

SHEET No 9 OF 15 SHEETS

64545 #4382

Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
9n - 9o	HV Trenching in Cable Allocation	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9o - 9p	SL Trenching in Cable Allocation	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9p - 9q	HV Trenching in Cable Allocation	5m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9r - 9s	HV Trenching in Cable Allocation	5m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0a - 0b	LV Trenching in Cable Allocation	17m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0b - 0c	HV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0c - 0d	HV Trenching in Cable Allocation	11m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0d - 0e	HV Trenching in Cable Allocation	2m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0e - 0f	HV Trenching in Cable Allocation	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0f - 0g	HV Trenching in Cable Allocation	29m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0i - 0j	SL Trenching in Cable Allocation	8m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0k - 0l	LV Trenching in Cable Allocation	10m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
0l - 0m	SL Trenching in Cable Allocation	18m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
Sub Totals			0	$ 0	0	$ 0	0	$ 0	0	$ 0
Column Total			$ 0				$ 0			

Road Crossings Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
1a - 1b	New Road Crossing	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1e - 9t	New Road Crossing	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1h - 0d	New Road Crossing	18m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1i - 0b	New Road Crossing	16m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1j - 3s	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1k - 3u	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
1m - 2k	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2l - 3w	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2m - 3x	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2n - 3z	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2o - 3C	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
2p - 3E	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3h - 3i	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3m - 4a	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3o - 4c	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
Sub Totals			0	$ 0	0	$ 0	0	$ 0	0	$ 0
Column Total			$ 0				$ 0			

Road Crossings Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
3p - 4e	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3q - 4g	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
3r - 4i	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4j - 0a	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4m - 0o	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4n - 5h	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4o - 5f	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4p - 5d	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4r - 5b	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
4u - 5a	New Road Crossing	25m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5j - 0n	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5l - 6h	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5n - 6f	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5o - 6d	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
5p - 6b	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
Sub Totals			0	$ 0	0	$ 0	0	$ 0	0	$ 0
Column Total			$ 0				$ 0			

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE _____ DATE _____

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Conduit / Cable Legend

- LV Cable - Direct Buried.
- HV Cable - Direct Buried.
- 50mm Duct - Spare.
- 50mm Duct - with Existing Cable.
- 50mm Duct - with New SL Cable.
- 125mm Duct - with Existing Cable.
- 125mm Duct - with New Cable.
- 125mm Duct - Spare.

AMENDMENTS

A	ORIGINAL ISSUE	22-6-2023	
DRAFT No. 01			
B	18-03-2024	Michael.j.B	CHK
		Michael.j.B	DWN
		Route through Riparian re-aligned at dovakopens request.	
DRAFT No. 01			
C	02-05-2024	Michael.j.B	CHK
		Michael.j.B	DWN
		Asset Numbers Altered to Align with ADMS	
DRAFT No. 01			

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Accredited Designer Number 2486 / ABN: 33107 591 846

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

DO NOT SCALE Dimensions in Meters

MGA 56: GDA94

Drawn	Michael.j.B
Date	02-05-2024
Ch'd	Michael.j.B
Design	Michael.j.B

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 | 527571 | C

SHEET No 10 OF 15 SHEETS

64545 #4382

Road Crossing Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
5q - 6a	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6i - 8k	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6k - 8i	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6l - 7h	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6m - 7f	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6n - 7d	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6o - 7b	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
6p - 7a	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7k - 8h	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7l - 8f	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7m - 8e	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7o - 8c	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
7r - 8a	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8l - 0l	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8m - 9i	New Road Crossing	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
Sub Totals			0	$ 0	0	$ 0	0	$ 0	0	$ 0
Column Total			$ 0				$ 0			

Road Crossings Duct Breakdown Table - Continued

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
8o - 9i	New Road Crossing	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
8q - 9h	New Road Crossing	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9 - 9c	New Road Crossing Peppertree Pde	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9k - 0i	New Road Crossing	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9m - 0h	New Road Crossing	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9o - 0g	New Road Crossing	20m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9p - 0f	New Road Crossing	30m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
9q - 9r	New Road Crossing	26m	0	$ 0.00	0	$ 0.00	0	$ 0.00	0	$ 0.00
Sub Totals			0	$ 0	0	$ 0	0	$ 0	0	$ 0
Column Total			$ 0				$ 0			

Conduit / Cable Legend

- LV Cable - Direct Buried.
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- 50mm Duct - Spare.
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Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

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WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE _____ DATE _____

ASSET RECORDING

I STEVE FRIDAY

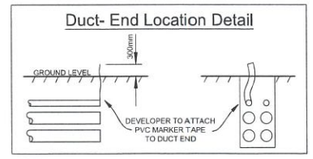
OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

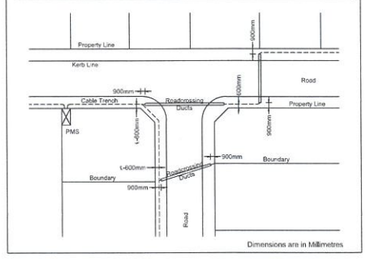
HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

Duct- End Location Detail

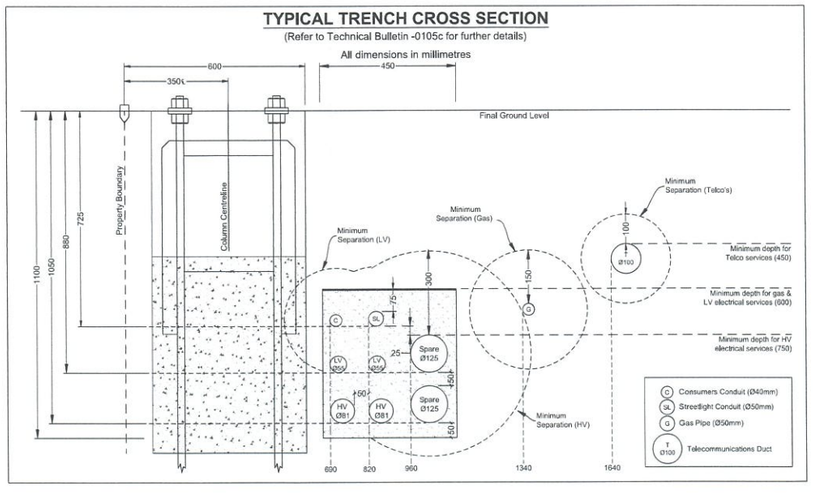


TYPICAL ROAD CROSSING CONFIGURATION



TYPICAL TRENCH CROSS SECTION

(Refer to Technical Bulletin -0105c for further details)



AMENDMENTS
- A ORIGINAL ISSUE 22-6-2023 DRAFT No. 01
- B 18-03-2024 Michael.j.B CHK Michael.j.B DWN Route through Riparian re-aligned at developers request.
- C 02-05-2024 Michael.j.B CHK Michael.j.B DWN Asset Numbers Altered to Align with ADMS

DRAFT No. 01

DRAFT No. 01

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PLD Ref: 3868

TEMPLATE VERSION No. - 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

Drawn Michael.j.B

Date 02-05-2024

Ch'd Michael.j.B

DO NOT SCALE
Dimensions in Meters

Design Michael.j.B

MGA 56: GDA94

Off Richmond Road
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URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 527571 C

SHEET No 11 OF 15 SHEETS

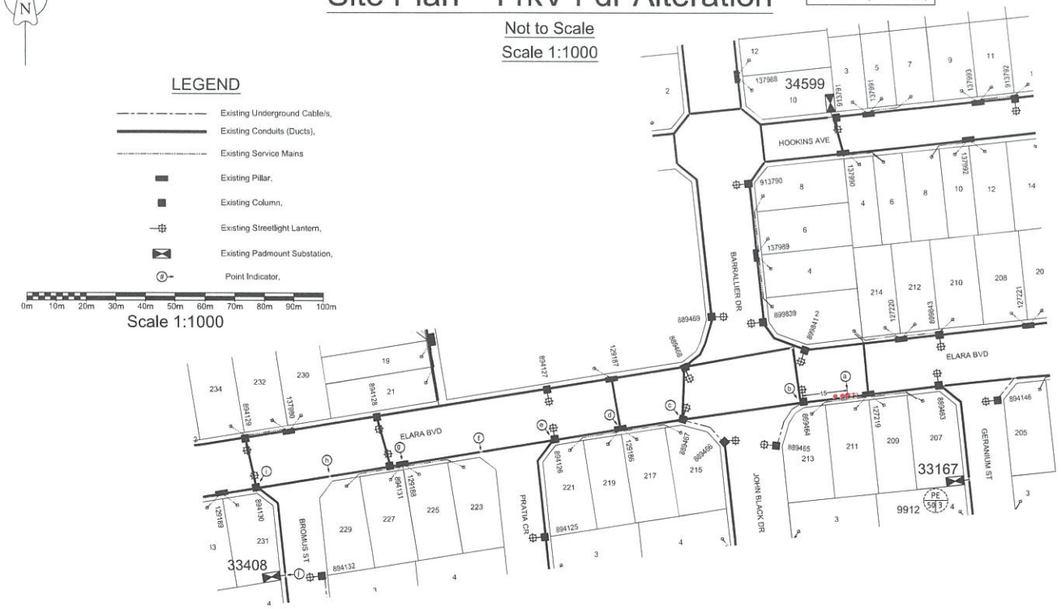
64545

#4382

Site Plan - 11kV Fdr Alteration

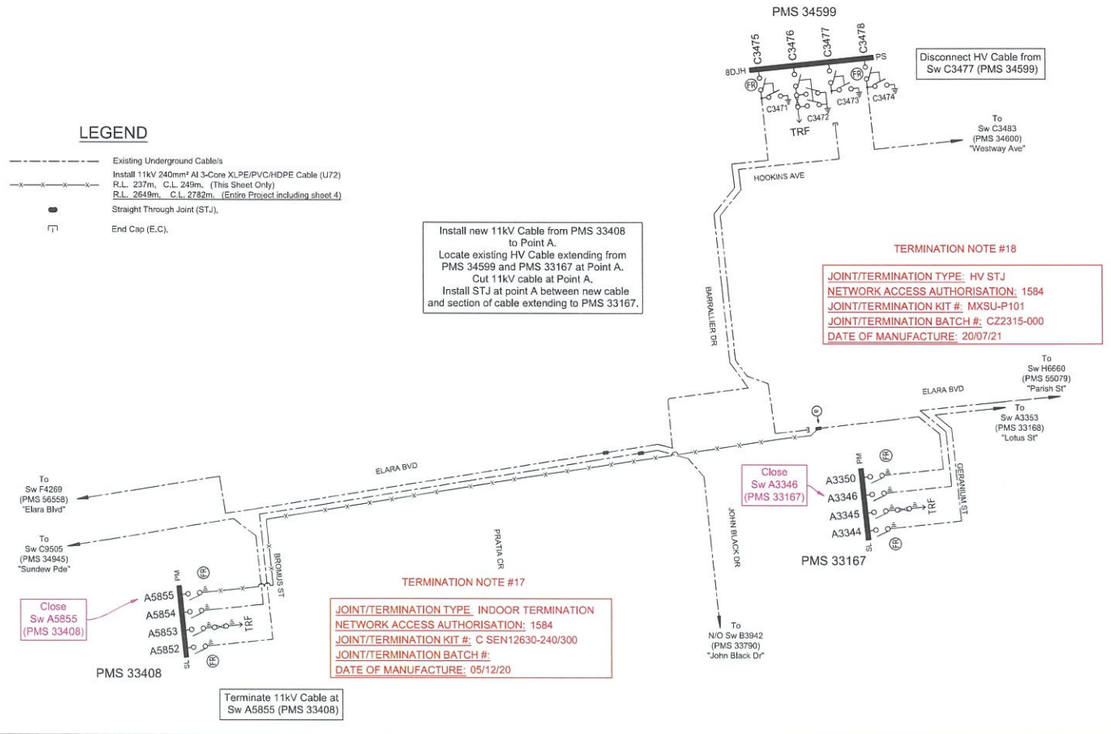
Not to Scale
Scale 1:1000

Disconnect HV Cable from Sw C3477 (PMS 34599)



Final HV Circuit - 11kV Fdr Alteration

Not to Scale
11kV Area



LEGEND

- Existing Underground Cable/s
- Install 11kV 240mm² Al 3-Core XLPE/PVC/HDPE Cable (U72) R.L. 237m, C.L. 249m. (This Sheet Only) R.L. 264m, C.L. 278m. (Entire Project including sheet 4)
- Straight Through Joint (STJ),
- End Cap (E,C),

11kV Switching Requirements at Commissioning of this Project

Open	Sw A3357 (PMS 33169) "Malaleuca" Sh12
Close	Sw A3346 (PMS 33167) "Geranium" Sh12
Close	Sw A5855 (PMS 33408) "Bromus" Sh12
Close	Sw 237144 (PMS 95439) "Diamondback"
Close	Sw 237145 (PMS 95439) "Diamondback"
Close	Sw 237146 (PMS 95439) "Diamondback"
Close	Sw 229989 (PMS 95864) "Riberry"
Open	Sw 229990 (PMS 95864) "Riberry"
Open	Sw J1256 (PMS 55587) "Mazus"
Open	Sw J1249 (PMS 55586) "Numbat"

Duct Breakdown Table

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)	No. of 50mm Ducts	Amount (@ $7/m)	No. of 125mm Ducts	Amount (@ $27/m)
a → b	Existing Footpath Ducts	15m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 405.00
b → c	Existing Road Crossing	42	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 1134.00
c → d	Existing Footpath Ducts	21m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 567.00
d → e	Existing Footpath Ducts	23m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 621.00
e → f	Existing Road Crossing	24m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 648.00
f → g	Existing Footpath Ducts	25m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 675.00
g → h	Existing Footpath Ducts	25m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 675.00
h → i	Existing Road Crossing	24m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 648.00
i → j	Existing Footpath Ducts	33m	0	$ 0.00	0	$ 0.00	0	$ 0.00	1	$ 891.00
Sub Totals			0	$ 0.00	0	$ 0.00	#	###	#	$ 6264
Column Total			$ 0.00				$6 264.00			
Project Total			$ 0.00				$6 264.00			

Certified by Endeavour Energy

Amendment: _____
Date Approved: _____
Examiner's Signature: _____
Print Name: _____

This Certification is issued subject to Endeavour Energy's Standard Certification Terms.

Conduit / Cable Legend

- LV Cable - Direct Buried.
- HV Cable - Direct Buried.
- 50mm Duct - Spare.
- 50mm Duct - with Existing Cable.
- 50mm Duct - with New SL Cable.
- 125mm Duct - with Existing Cable.
- 125mm Duct - with New Cable.
- 125mm Duct - Spare.

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING
WORKS COMPLETED CHRIS JOWETT
SIGNATURE C.JOWETT DATE 18/03/25
INSPECTED BY GAV NIXON
SIGNATURE ..... DATE .....

ASSET RECORDING

I STEVE FRIDAY
OF C.J. DOYLE CONTRACTING
CONTACT No 8784-1922
HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.
SIGNATURE STEVE FRIDAY DATE 18/03/2025

AMENDMENTS
A ORIGINAL ISSUE 22-6-2023
B DRAFT No. 01 18-03-2024 Michael.j.B CHK Michael.j.B DWN Route through Ripesan re-aligned at developers request.
C DRAFT No. 01 02-05-2024 Michael.j.B CHK Michael.j.B DWN Asset Numbers Altered to Alighn with ADMS DRAFT No. 01

powerlinedesign
POWER LINE DESIGN PTY LTD
PO BOX 338 Mittagong NSW 2575
Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2486 / ABN: 33107 591 846

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000
Drawn Michael.j.B
Date 02-05-2024
Ch'd Michael.j.B
Design Michael.j.B

DO NOT SCALE
Dimensions in Meters
MGA 56: GDA94

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy
A1 527571 C
SHEET No 12 OF 15 SHEETS

64545 #4382

WAE SURVEY COORDINATE TABLE - GDA2020

NODE ID #	QUALITY LEVEL	ASSET TYPE	PROPERTY LINE	COVER	NOTES	EASTING	NORTHING	REDUCED/SURFACE LEVEL
72	A	STJ HV	0.79	−0.75		297109.29	6269426.95	25.88
73	A	DUCT END	0.82	−0.75		297110.83	6269427.17	25.9
74	A	DUCT END	0.86	−0.75		297106.89	6269426.77	26.13
87	A	ROUTE	0.83	−0.75		295862.42	6269425.31	16.74
88	A	ROUTE	0.98	−0.75		295856.95	6269414.93	16.88
89	A	ROUTE	0.9	−0.75		295847.1	6269395.54	16.91
90	A	DUCT CROSSING	N/A	N/A		295846.73	6269394.83	17.02
91	A	CONCRETE	N/A	−0.75		295845.71	6269395.39	17.13
92	A	CONCRETE	N/A	−0.75		295838.11	6269399.25	17.1
93	A	DUCT CROSSING/ROUTE	N/A	N/A		295838.2	6269399.23	17.04
94	A	CONCRETE	N/A	−0.75		295829.6	6269403.34	17.17
95	A	DUCT CROSSING	N/A	N/A		295828.26	6269404.01	17.11
96	A	DUCT END	0.95	−0.75		295827.76	6269404.43	17.12
97	A	ROUTE	0.88	−0.75		295817.24	6269409.5	17.32
99	A	STJ HV	0.73	−0.75		295817.92	6269409	17.05
100	A	STJ HV	0.87	−0.75		295818.32	6269408.97	17.05
104	A	ROUTE	0.6	−0.75		296127.63	6269517.28	17.09
105	A	ROUTE	0.62	−0.75		296123.52	6269506.73	17.17
106	A	DUCT END	0.63	−0.75		296136.81	6269533.8	17.01
110	A	UNDERBORE END	N/A	−0.75		296139.6	6269533.37	17.03
112	A	DUCT CROSSING	N/A	N/A		296137.6	6269534.49	16.92
113	A	DUCT CROSSING	N/A	N/A		296151	6269526.35	16.61
114	A	UNDERBORE END	N/A	−0.75		296149.72	6269527.21	16.7
117	A	STJ HV	0.77	−0.75		296148.33	6269522.16	16.98
120	A	STJ HV	0.89	−0.75		296155.57	6269532.75	16.97
146	A	DUCT END	0.96	−0.75		295381.98	6269289.39	16.98
147	A	SPLAY ROUTE	0.94	−0.75		295386.33	6269297.13	17.16
148	A	SPLAY ROUTE	0.86	−0.75		295393.87	6269299.4	16.83
150	A	DUCT CROSSING	N/A	N/A		295394.41	6269299.25	16.55
151	A	DUCT CROSSING	N/A	N/A		295401.12	6269311.83	16.62
155	A	SPLAY ROUTE	0.82	−0.75		295398.6	6269319.24	16.96
157	A	ROUTE	0.93	−0.75		295415.3	6269350.39	17.15
186	A	SPLAY ROUTE	0.9	−0.75		295420.4	6269359.49	17.08
188	A	DUCT CROSSING	N/A	N/A		295428.4	6269361.69	16.6
203	A	DUCT CROSSING	N/A	N/A		295557.9	6269219.77	17.9
204	A	DUCT CROSSING	N/A	N/A		295560.25	6269212.27	18.24
205	A	SPLAY ROUTE	0.82	−0.75		295560.22	6269212.49	18.43
206	A	ROUTE	0.82	−0.75		295556.36	6269205.71	18.59
207	A	DUCT END	0.89	−0.75		295547.56	6269190.2	18.76
208	A	DUCT CROSSING	N/A	N/A		295533.57	6269231.59	17.98
209	A	ROUTE	0.82	−0.75		295533.66	6269231.45	17.87
210	A	ROUTE	0.65	−0.75		295524.89	6269235.58	18.04
213	A	ROUTE	0.78	−0.75		295504.66	6269245.57	17.91
214	A	DUCT CROSSING	N/A	N/A		295495.47	6269250.16	17.49
215	A	ROUTE	0.59	−0.75		295486.5	6269254.19	17.76
218	A	ROUTE	0.81	−0.75		295466.27	6269264.23	17.72
219	A	ROUTE	0.74	−0.75		295455.05	6269269.64	17.28
220	A	DUCT CROSSING	N/A	N/A		295455.17	6269269.73	17.28
221	A	ROUTE	0.69	−0.75		295445.85	6269274	17.54
226	A	DUCT CROSSING	N/A	N/A		295414.82	6269289.31	16.85
228	A	DUCT CROSSING	N/A	N/A		295422.41	6269301.45	16.73
230	A	ROUTE	0.95	−0.75		295431.44	6269296.98	17.11
232	A	ROUTE	0.93	−0.75		295449.72	6269288.12	17.26
234	A	DUCT CROSSING	N/A	N/A		295464.01	6269281.24	17.09
235	A	ROUTE	0.92	−0.75		295469.53	6269278.51	17.37
238	A	DUCT CROSSING	N/A	N/A		295501.64	6269262.93	17.5
239	A	ROUTE	0.98	−0.75		295515.22	6269256.24	17.86
241	A	DUCT CROSSING	N/A	N/A		295565.01	6269232.07	17.93
243	A	ROUTE	0.97	−0.75		295576.9	6269241.1	18.94
245	A	DUCT CROSSING	N/A	N/A		295584.41	6269254.33	19.17
248	A	DUCT CROSSING	N/A	N/A		295595.59	6269273.67	19.86
249	A	DUCT CROSSING	N/A	N/A		295593.15	6269281.49	20.13
250	A	SPLAY ROUTE	0.82	−0.75		295593.77	6269280.68	20.06
252	A	DUCT CROSSING	N/A	N/A		295550.94	6269302.11	19.3
260	A	ROUTE	0.74	−0.75		295465.73	6269343.4	17.78
262	A	DUCT CROSSING	N/A	N/A		295474.58	6269339.21	17.68
263	A	ROUTE	0.77	−0.75		295483.29	6269334.83	18.35
266	A	ROUTE	0.71	−0.75		295503.81	6269324.81	18.75
267	A	ROUTE	0.85	−0.75		295512.68	6269320.65	18.76
268	A	ROUTE	0.8	−0.75		295521.44	6269316.33	19.22
293	A	DUCT CROSSING	N/A	N/A		295608.63	6269296.42	19.84
294	A	DUCT CROSSING	N/A	N/A		295600.41	6269293.86	20.23
297	A	ROUTE	0.92	−0.75		295569.38	6269308.91	19.89
316	A	DUCT CROSSING	N/A	N/A		295435.31	6269374.19	16.55
317	A	SPLAY ROUTE	0.92	−0.75		295432.61	6269381.95	17.14
318	A	ROUTE	0.98	−0.75		295443.35	6269401.83	17.04
319	A	SPLAY ROUTE	0.98	−0.75		295454.86	6269422.07	16.79
320	A	DUCT CROSSING	N/A	N/A		295455.06	6269422.15	16.57
322	A	ROUTE	0.97	−0.75		295543.88	6269242.3	18.08
323	A	DUCT CROSSING	N/A	N/A		295539.67	6269244.44	17.82
325	A	ROUTE	0.92	−0.75		295525.89	6269251.1	17.91
327	A	ROUTE	0.96	−0.75		295496.76	6269265.23	17.64
328	A	ROUTE	0.72	−0.75		295495.14	6269250.12	17.39
330	A	ROUTE	0.81	−0.75		295425.91	6269283.85	17.27
332	A	ROUTE	0.86	−0.75		295415.07	6269289.16	16.72
333	A	DUCT END	0.98	−0.75		295401.33	6269311.65	16.65
334	A	ROUTE	0.98	−0.75		295409.11	6269339.15	17.07
337	A	DUCT CROSSING	N/A	N/A		295512.97	6269320.57	18.62
338	A	DUCT CROSSING	N/A	N/A		295560.16	6269313.48	19.58
340	A	ROUTE	0.95	−0.75		295549.15	6269318.74	19.54
342	A	ROUTE	0.86	−0.75		295531.07	6269327.6	19.14
343	A	DUCT CROSSING	N/A	N/A		295521.96	6269332.03	18.69
344	A	ROUTE	0.9	−0.75		295513.06	6269336.32	18.67
345	A	ROUTE	0.89	−0.75		295504.32	6269340.58	18.54
347	A	DUCT CROSSING	N/A	N/A		295483.74	6269350.58	17.83
348	A	ROUTE	0.85	−0.75		295474.97	6269354.95	17.82
350	A	ROUTE	0.9	−0.75		295455.38	6269364.37	17.41
354	A	SPLAY ROUTE	0.84	−0.75		295461.5	6269424.08	17.03
363	A	ROUTE	0.81	−0.75		295555.62	6269378.69	18.31
364	A	DUCT CROSSING	N/A	N/A		295547.02	6269383	17.91
365	A	ROUTE	0.58	−0.75		295538.17	6269386.91	17.99
370	A	ROUTE	0.81	−0.75		295594.17	6269359.95	18.84
372	A	DUCT CROSSING	N/A	N/A		295585.29	6269364.39	18.43
373	A	ROUTE	0.81	−0.75		295574.53	6269369.54	18.49
376	A	DUCT CROSSING	N/A	−0.75		295628.62	6269343.32	19.07
377	A	DUCT CROSSING	N/A	−0.75		295631.04	6269335.64	19.5
378	A	ROUTE	0.95	−0.75		295627.34	6269328.92	19.82
380	A	ROUTE	0.82	−0.75		295612.35	6269302.94	20.21
381	A	DUCT CROSSING	N/A	−0.75		295621.45	6269290.32	20.04
383	A	SPLAY ROUTE	0.85	−0.75		295623.67	6269282.65	20.45
384	A	DUCT CROSSING	N/A	−0.75		295633.1	6269277.98	20.41
386	A	DUCT CROSSING	N/A	−0.75		295626.17	6269266.24	20.35
387	A	DUCT CROSSING	N/A	−0.75		295608.43	6269267.59	20.09
388	A	SPLAY ROUTE	0.85	−0.75		295608.78	6269267.93	20.1
389	A	SPLAY ROUTE	0.82	−0.75		295616.51	6269270.18	20.38
390	A	ROUTE	0.9	−0.75		295584.85	6269255.06	19.35
391	A	SPLAY ROUTE	0.98	−0.75		295572.73	6269234.2	18.68
392	A	SPLAY ROUTE	0.84	−0.75		295565.41	6269232.11	17.95
395	A	ROUTE	0.84	−0.75		295591.79	6269267.3	19.89
396	A	SPLAY ROUTE	0.93	−0.75		295595.76	6269274.31	19.98
397	A	ROUTE	0.83	−0.75		295559.98	6269297.67	19.88
399	A	ROUTE	0.87	−0.75		295550.51	6269302.3	19.44
400	A	ROUTE	0.82	−0.75		295539.95	6269307.36	19.41
401	A	ROUTE	0.85	−0.75		295474.48	6269339.2	17.79
402	A	ROUTE	0.77	−0.75		295447.21	6269352.42	17.33
403	A	ROUTE	0.82	−0.75		295436.51	6269357.67	17.15
404	A	DUCT END	0.95	−0.75		295428.03	6269361.89	16.71
405	A	DUCT END	0.83	−0.75		295434.7	6269375.1	17.15
406	A	ROUTE	0.98	−0.75		295481.27	6269415.05	17.22
407	A	ROUTE	0.98	−0.75		295499.48	6269406.15	17.42
408	A	DUCT CROSSING	N/A	−0.75		295500.06	6269405.78	17.27
410	A	ROUTE	0.97	−0.75		295508.85	6269401.6	17.58
411	A	ROUTE	0.67	−0.75		295517.42	6269397.11	17.72
413	A	SPLAY ROUTE	0.98	−0.75		295629.11	6269342.49	19.2
414	A	SPLAY ROUTE	0.91	−0.75		295631.14	6269335.99	19.47
415	A	ROUTE	0.87	−0.75		295620.01	6269316.25	19.89
417	A	SPLAY ROUTE	0.88	−0.75		295608.73	6269296.62	20.03
418	A	SPLAY ROUTE	0.97	−0.75		295600.93	6269293.71	20.23
420	A	DUCT END	0.92	−0.75		295624.93	6269266.22	20.39
425	A	ROUTE	0.86	−0.75		295647.34	6269271.11	20.93
427	A	DUCT CROSSING	N/A	−0.75		295651.35	6269269.96	20.56
437	A	ROUTE	0.69	−0.75		295571.55	6269203.11	18.57
438	A	ROUTE	0.82	−0.75		295574.12	6269207.79	18.31
439	A	DUCT CROSSING	N/A	−0.75		295574.03	6269207.81	18.26
440	A	ROUTE	0.81	−0.75		295576.64	6269212.13	18.5
441	A	ROUTE	0.7	−0.75		295581.64	6269220.65	18.74
444	A	ROUTE	0.67	−0.75		295592.74	6269239.66	19.2
445	A	DUCT CROSSING	N/A	−0.75		295597.47	6269248.46	19.33
446	A	ROUTE	0.82	−0.75		295597.59	6269248.51	19.35
447	A	ROUTE	0.81	−0.75		295602.68	6269257.35	19.89
449	A	SPLAY ROUTE	0.82	−0.75		295558.16	6269219.24	18.26
451	A	DUCT CROSSING	N/A	−0.75		295635.11	6269355.9	19.09
482	A	DUCT CROSSING	N/A	−0.75		295507.38	6269418.02	17.31
483	A	DUCT CROSSING	N/A	−0.75		295466.43	6269443.57	16.52
493	A	DUCT CROSSING	N/A	−0.75		295664.92	6269369.78	19.05
494	A	ROUTE	0.83	−0.75		295664.8	6269369.39	19.08
495	A	ROUTE	0.67	−0.75		295659.54	6269358.67	19.41
498	A	ROUTE	0.71	−0.75		295650.17	6269340.59	19.67
499	A	ROUTE	0.64	−0.75		295645.29	6269331.62	19.42
501	A	DUCT CROSSING	N/A	−0.75		295645.13	6269331.81	19.46
502	A	ROUTE	0.65	−0.75		295639.43	6269321.05	19.9
509	A	DUCT END	0.82	−0.75		295621.37	6269289.91	20.15
510	A	DUCT END	0.97	−0.75		295633.26	6269277.82	20.7
511	A	ROUTE	0.96	−0.75		295642.31	6269273.45	20.89
512	A	ROUTE	0.82	−0.75		295648.46	6269270.6	20.96
513	A	DUCT END	0.89	−0.75		295650.25	6269270.16	20.93
515	A	SPLAY ROUTE	0.92	−0.75		295643	6269358.1	19.51
516	A	ROUTE	0.91	−0.75		295646.71	6269365.13	19.46
517	A	DUCT CROSSING	N/A	−0.75		295652.11	6269375.98	19.18
518	A	ROUTE	0.95	−0.75		295655.61	6269383.02	19.25
519	A	SPLAY ROUTE	0.94	−0.75		295663.19	6269399.12	19.13
520	A	DUCT CROSSING	N/A	−0.75		295659.92	6269407.05	18.67
560	A	DUCT CROSSING	N/A	−0.75		295502.71	6269499.09	16.5
562	A	DUCT CROSSING	N/A	−0.75		295497.12	6269486.2	16.52
564	A	SPLAY ROUTE	0.82	−0.75		295488.55	6269484.08	17.02
570	A	SPLAY ROUTE	0.82	−0.75		295635.91	6269355.86	19.31
571	A	ROUTE	0.9	−0.75		295604.11	6269371.02	18.93
573	A	DUCT CROSSING	N/A	−0.75		295591.48	6269377.15	18.54
574	A	ROUTE	0.93	−0.75		295574.74	6269385.23	18.49
576	A	DUCT CROSSING	N/A	−0.75		295552.49	6269396.11	17.83
577	A	ROUTE	0.94	−0.75		295548.05	6269398.23	18.05
579	A	ROUTE	0.9	−0.75		295526.31	6269408.79	17.85
582	A	ROUTE	0.82	−0.75		295507.58	6269418.01	17.45
584	A	ROUTE	0.86	−0.75		295487.59	6269427.69	17.15
586	A	SPLAY ROUTE	0.94	−0.75		295468.8	6269436.94	17.03
587	A	DUCT END	0.83	−0.75		295466.76	6269444.02	16.73
588	A	ROUTE	0.97	−0.75		295471.5	6269453.24	17.17
589	A	DUCT END	0.94	−0.75		295484.11	6269476.19	17.21
590	A	ROUTE @ SUB	INSIDE INSIDE EASEMENT	−0.75		295488.42	6269475.33	17.1
596	A	DUCT END	0.82	−0.75		295503.26	6269499.1	16.58
597	A	ROUTE	0.82	−0.75		295519.31	6269491.28	17.37
598	A	ROUTE	0.85	−0.75		295535.41	6269483.42	17.49
599	A	DUCT CROSSING	N/A	−0.75		295535.32	6269483.4	17.29
601	A	ROUTE	0.86	−0.75		295564.66	6269469.22	17.95
603	A	ROUTE	0.86	−0.75		295579.29	6269462.08	18.1
604	A	DUCT CROSSING	N/A	−0.75		295577.96	6269462.71	17.78
607	A	ROUTE	0.83	−0.75		295603	6269450.59	18.51
608	A	ROUTE	0.82	−0.75		295614.36	6269445.08	18.69
609	A	DUCT CROSSING	N/A	−0.75		295613.98	6269445.17	18.27
611	A	ROUTE	0.82	−0.75		295632.21	6269436.38	18.88
612	A	ROUTE	0.82	−0.75		295649.89	6269427.8	19.18
613	A	DUCT CROSSING	N/A	−0.75		295665.81	6269419.98	18.89
614	A	SPLAY ROUTE	0.82	−0.75		295666.51	6269419.96	19.04
615	A	SPLAY ROUTE	0.83	−0.75		295673.46	6269422.85	18.87
616	A	DUCT CROSSING	N/A	−0.75		295673.64	6269423.11	18.68
617	A	ROUTE	0.89	−0.75		295676.44	6269429.79	19.18
619	A	ROUTE	0.82	−0.75		295681.97	6269443.04	19.26
620	A	ROUTE	0.93	−0.75		295688.04	6269457.25	19.22
621	A	DUCT CROSSING	N/A	−0.75		295688.14	6269457.57	18.99
624	A	DUCT CROSSING	N/A	−0.75		295687.76	6269472.48	18.68
625	A	DUCT CROSSING	N/A	−0.75		295693.08	6269485.65	18.91
660	A	DUCT CROSSING	N/A	−0.75		295648.01	6269491.79	18.29
661	A	DUCT CROSSING	N/A	−0.75		295569.07	6269530.19	17.27
663	A	SPLAY ROUTE	0.82	−0.75		295500.85	6269506.56	16.94
664	A	DUCT CROSSING	N/A	−0.75		295532.1	6269469.08	17.41
665	A	DUCT CROSSING	N/A	−0.75		295572.62	6269449.48	17.93
666	A	DUCT CROSSING	N/A	−0.75		295610.73	6269430.97	18.48
670	A	SPLAY ROUTE	0.98	−0.75		295660.97	6269405.73	19.16
672	A	ROUTE	0.82	−0.75		295651.34	6269411.15	19.12
673	A	ROUTE	0.86	−0.75		295638.44	6269417.46	19.02
676	A	ROUTE	0.81	−0.75		295619.63	6269426.55	18.84
677	A	ROUTE	0.83	−0.75		295610.83	6269430.85	18.47
678	A	ROUTE	0.88	−0.75		295600.19	6269436.07	18.54
681	A	ROUTE	0.84	−0.75		295581.52	6269445.12	18.2
682	A	ROUTE	0.8	−0.75		295572.44	6269449.47	17.85
683	A	ROUTE	0.79	−0.75		295564.19	6269453.47	17.92
686	A	ROUTE	0.79	−0.75		295541.02	6269464.76	17.59
687	A	ROUTE	0.71	−0.75		295532.1	6269468.98	17.33
688	A	ROUTE	0.72	−0.75		295523.75	6269473.08	17.35
690	A	DUCT END	1	−0.75		295496.39	6269486.71	16.64
691	A	ROUTE	0.98	−0.75		295505.59	6269515.59	17.13
692	A	ROUTE	0.98	−0.75		295511.87	6269527.07	17.11
694	A	SPLAY ROUTE	0.99	−0.75		295523.52	6269546.68	17.18
695	A	ROUTE	0.85	−0.75		295560.39	6269534.35	17.46
696	A	ROUTE	0.75	−0.75		295569.15	6269529.99	17.45
697	A	ROUTE	0.84	−0.75		295577.92	6269525.82	17.73
699	A	ROUTE	0.63	−0.75		295598.11	6269515.77	18
700	A	DUCT CROSSING	N/A	−0.75		295607.34	6269511.6	17.6
701	A	ROUTE	0.76	−0.75		295607.16	6269511.55	17.76
702	A	ROUTE	0.81	−0.75		295616.3	6269507.13	18.4
705	A	ROUTE	0.76	−0.75		295638.74	6269496.22	18.59
706	A	ROUTE	0.82	−0.75		295647.99	6269491.71	18.44
707	A	ROUTE	0.87	−0.75		295656.96	6269487.45	18.85
709	A	DUCT CROSSING	N/A	−0.75		295655.5	6269503.94	18.45
716	A	DUCT CROSSING	N/A	−0.75		295715.56	6269522.82	19.48
719	A	DUCT CROSSING	N/A	−0.75		295716.06	6269537.69	19.33
720	A	DUCT CROSSING	N/A	−0.75		295693.84	6269548.45	19.16
730	A	DUCT CROSSING	N/A	−0.75		295686.39	6269416.82	19.01
747	A	ROUTE @ SUB	INSIDE INSIDE EASEMENT	−0.75		295701.41	6269495	19.57
748	A	DUCT END	0.98	−0.75		295703.12	6269493	19.61
749	A	SPLAY ROUTE	0.98	−0.75		295701.24	6269488.5	19.36
750	A	DUCT END	0.83	−0.75		295693.39	6269485.6	19.26
751	A	DUCT END	1	−0.75		295688.1	6269472.49	19.02
752	A	SPLAY ROUTE	0.82	−0.75		295691.03	6269464.88	19.36
758	A	ROUTE	0.81	−0.75		295669.05	6269497.45	18.93
761	A	ROUTE	0.84	−0.75		295654.72	6269504.39	18.69
763	A	ROUTE	0.82	−0.75		295633.18	6269514.9	18.49
765	A	DUCT CROSSING	N/A	−0.75		295612.91	6269524.65	17.78
766	A	ROUTE	0.82	−0.75		295601.68	6269530.18	18.15
768	A	ROUTE	0.96	−0.75		295574.83	6269543.12	17.56
769	A	DUCT CROSSING	N/A	−0.75		295574.65	6269543.28	17.31
770	A	DUCT CROSSING	N/A	−0.75		295542.25	6269559	16.51
771	A	DUCT END	0.96	−0.75		295542.54	6269558.78	17.17
772	A	DUCT CROSSING	N/A	−0.75		295532.36	6269547.97	16.5
773	A	DUCT END	0.96	−0.75		295531.47	6269548.51	17.04
774	A	SPLAY ROUTE	0.98	−0.75		295539.83	6269568.17	17.14
775	A	ROUTE	0.84	−0.75		295546.3	6269574.9	17.21
780	A	DUCT END	0.95	−0.75		295485.18	6269478.17	17.14
781	A	EARTH STAKE	INSIDE INSIDE EASEMENT	−0.75		295488.03	6269474.86	17.05
782	A	ROUTE HV/LV CABLES	N/A	−0.75		295485.67	6269476.7	16.98
783	A	EARTH STAKE	0.87	−0.75		295483.06	6269474.09	17.18
784	A	EARTH STAKE	0.44	−0.75		295701.39	6269490.24	19.5
785	C	EARTH STAKE	INSIDE INSIDE EASEMENT	−0.75		295701.5	6269494.31	19.53
788	A	DUCT END	0.98	−0.75		295703.98	6269494.96	19.72
789	A	ROUTE	0.98	−0.75		295710.74	6269511.11	19.88
790	A	DUCT END	0.92	−0.75		295715.73	6269523.13	19.8
791	A	SPLAY ROUTE	0.94	−0.75		295718.47	6269529.64	20.02
792	A	SPLAY ROUTE	0.87	−0.75		295716.53	6269537.29	19.7
793	A	ROUTE	1	−0.75		295700.11	6269545.56	19.41
794	A	DUCT CROSSING	N/A	−0.75		295700.68	6269560.98	18.99
795	A	DUCT CROSSING	N/A	−0.75		295648.06	6269586.56	17.7
796	A	ROUTE	0.7	−0.75		295648.17	6269586.67	17.98
797	A	ROUTE	0.81	−0.75		295609.67	6269605.27	17.22
798	A	SPLAY ROUTE	0.82	−0.75		295595.63	6269612.33	17.01
799	A	DUCT CROSSING	N/A	−0.75		295594.27	6269613.83	16.66
800	A	ROUTE	0.98	−0.75		295559.56	6269587.96	17.21
801	A	SPLAY ROUTE	0.98	−0.75		295573.56	6269601.39	17.21
802	A	SPLAY ROUTE	0.98	−0.75		295582.07	6269602.79	16.88
803	A	DUCT CROSSING	N/A	−0.75		295584.84	6269601.46	16.34
804	A	DUCT END	0.99	−0.75		295586.3	6269600.85	16.56
805	A	DUCT END	0.97	−0.75		295599.5	6269594.41	17.02
810	A	DUCT CROSSING	N/A	−0.75		295643.3	6269573.01	17.89
811	A	SPLAY ROUTE	0.93	−0.75		295686.21	6269416.36	19.29
812	A	SPLAY ROUTE	0.88	−0.75		295688.96	6269408.82	19.45
814	A	DUCT END	0.98	−0.75		295704.38	6269401.15	19.86
854	A	ROUTE	0.71	−0.75		295699.09	6269446.43	19.19
855	A	ROUTE	0.79	−0.75		295702.69	6269455.22	19.14
856	A	DUCT CROSSING	N/A	−0.75		295702.7	6269455.49	19.15
857	A	ROUTE	0.65	−0.75		295706.7	6269464.43	19.34
860	A	DUCT END	0.89	−0.75		295715.39	6269485.75	19.62
861	A	ROUTE	0.95	−0.75		295719.25	6269495.01	19.62
863	A	ROUTE	0.95	−0.75		295729.33	6269518.99	19.64
864	A	DUCT CROSSING	N/A	−0.75		295729.87	6269520.1	19.46
865	A	ROUTE	0.99	−0.75		295731.67	6269524.65	19.83
867	A	DUCT END	0.98	−0.75		295735.55	6269533.9	19.92
868	A	DUCT END	0.97	−0.75		295693.5	6269548.7	19.32
877	A	ROUTE	0.9	−0.75		295666.86	6269561.6	18.52
879	A	DUCT END	0.96	−0.75		295642.82	6269573.34	18.11
880	A	ROUTE	0.86	−0.75		295626.42	6269581.23	17.86
883	A	SPLAY ROUTE	0.81	−0.75		295680.51	6269570.86	18.58
884	A	ROUTE	0.98	−0.75		295690.75	6269565.72	18.82
885	A	DUCT END	0.98	−0.75		295700.33	6269561.07	19.02

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.JOWETT DATE 18.03.25

INSPECTED BY GAV NIXON

SIGNATURE .... DATE ....

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8764-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

AMENDMENTS					
A	ORIGINAL ISSUE 22-6-2023	DRAFT No. 01			
B	18-03-2024	CHK Michael.j.B	DWN Michael.j.B	Route through Riperian re-aligned at developers request.	DRAFT No. 01
C	02-05-2024	CHK Michael.j.B	DWN Michael.j.B	Asset Numbers Altered to Alighn with ADMS	DRAFT No. 01

powerlinedesign
POWER LINE DESIGN PTY LTD
PO BOX 338 Mittagong NSW 2575
Ph (02) 4872 1920 Fax (02) 4872 1240
Accredited Designer Number 2486 / ABN: 33107 591 846

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders			
527570C	URS26188 Duct Trench & Easement	General		CAMS File No.	URS26188
		Overhead		AM Project No.	
		Underground		HV Switching	
		Substations		EE Depot	Kings Park
				EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000

DO NOT SCALE — Dimensions in Meters

MGA 56: GDA94

Drawn Mlchael.j.B — Date 02-05-2024 — Ch'd Mlchael.j.B — Design Mlchael.j.B

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 527571 C

SHEET No 13 OF 15 SHEETS

886	A	DUCT END	0.99	-0.75		295677.51	6269577.64	18.43
892	A	DUCT CROSSING	N/A	-0.75		295771.3	6269425.25	19.83
893	A	DUCT CROSSING	N/A	-0.75		295778.48	6269428.39	19.14
894	A	ROUTE	0.82	-0.75		295799.44	6269418.09	18.28
897	A	ROUTE	0.99	-0.75		295762.85	6269405.4	20.37
899	A	DUCT CROSSING	N/A	-0.75		295754.16	6269384.54	20.03
901	A	DUCT CROSSING	N/A	-0.75		295742.71	6269358.75	20.24
967	A	ROUTE @ SUB	INSIDE NSIDE EASEMENT	-0.75		295654	6269271.99	20.79
969	A	ROUTE	0.82	-0.75		295663.13	6269267.8	20.84
970	A	ROUTE	0.89	-0.75		295667.47	6269269.14	20.76
971	A	DUCT CROSSING	N/A	-0.75		295667.87	6269269.25	20.65
972	C	ROUTE	0.81	-0.75		295671.82	6269270.68	20.88
973	A	ROUTE	1	-0.75		295675.92	6269274.41	20.85
974	A	ROUTE	0.98	-0.75		295678.82	6269277.46	20.71
975	A	ROUTE	0.96	-0.75		295682.35	6269282.22	20.57
976	A	DUCT END	0.99	-0.75		295685.02	6269286.65	20.5
977	A	DUCT CROSSING	N/A	-0.75		295685.39	6269287.43	20.55
978	A	ROUTE	0.89	-0.75		295690.05	6269295.64	20.63
981	A	ROUTE	0.83	-0.75		295699.86	6269313.63	20.58
982	A	ROUTE	0.85	-0.75		295705.91	6269325.16	20.41
983	A	DUCT CROSSING	N/A	-0.75		295705.75	6269324.73	20.42
1009	A	DUCT END	0.81	-0.75		295700.33	6269387.54	19.77
1010	A	DUCT CROSSING	N/A	-0.75		295699.8	6269387.89	19.59
1012	A	DUCT END	0.86	-0.75		295708.74	6269383.24	19.88
1013	A	ROUTE	0.81	-0.75		295717.5	6269378.97	20.06
1016	A	DUCT CROSSING	N/A	-0.75		295704.93	6269400.98	19.46
1018	A	SPLAY ROUTE	0.87	-0.75		295730.25	6269388.82	20.25
1019	A	DUCT END	0.98	-0.75		295737.36	6269391.48	20.45
1020	A	DUCT CROSSING	N/A	-0.75		295737.53	6269391.94	20.26
1021	A	DUCT END	1	-0.75		295754.13	6269384.86	20.25
1022	A	ROUTE	0.99	-0.75		295747.22	6269368.87	20.46
1023	A	ROUTE	0.98	-0.75		295742.86	6269359.26	20.46
1024	A	ROUTE	1	-0.75		295736.34	6269345.4	20.58
1025	A	ROUTE	0.82	-0.75		295728.01	6269328.57	20.53
1026	A	DUCT CROSSING	N/A	-0.75		295721.91	6269316.72	20.42
1027	A	ROUTE	0.82	-0.75		295722.09	6269316.92	20.44
1028	A	DUCT END	0.98	-0.75		295716.05	6269305.38	20.49
1029	A	ROUTE	0.95	-0.75		295709.41	6269293.3	20.58
1031	A	DUCT CROSSING	N/A	-0.75		295701.76	6269279.37	20.47
1032	A	DUCT END	0.97	-0.75		295701.94	6269279.86	20.57
1035	A	DUCT CROSSING	N/A	-0.75		295694.76	6269256.36	20.91
1036	A	DUCT END	1	-0.75		295694.44	6269256.95	20.61
1037	A	ROUTE	0.99	-0.75		295695.48	6269253.98	20.65
1038	A	DUCT END	0.92	-0.75		295696.51	6269251.2	20.38
1039	A	DUCT CROSSING	N/A	-0.75		295696.96	6269250.61	20.34
1042	A	DUCT END	0.89	-0.75		295747.29	6269415.07	20.52
1043	A	ROUTE	0.89	-0.75		295754.43	6269432.1	20.3
1044	A	DUCT CROSSING	N/A	-0.75		295754.93	6269433.26	20.11
1045	A	DUCT END	0.98	-0.75		295764.05	6269454.74	20.29
1050	A	ROUTE	1	-0.75		295696.32	6269270.1	20.71
1051	A	ROUTE	0.99	-0.75		295694.1	6269265.37	20.79
1052	A	ROUTE	0.93	-0.75		295693.12	6269261.63	20.93
1053	A	ROUTE	0.95	-0.75		295693.31	6269260.29	20.95
1054	A	ROUTE	1	-0.75		295694.05	6269258.02	20.82
1055	A	ROUTE	0.88	-0.75		295710.1	6269333.2	20.51
1057	A	DUCT CROSSING	N/A	-0.75		295726.33	6269366.71	20.2
1059	A	SPLAY ROUTE	0.81	-0.75		295726.91	6269368.56	20.42
1060	A	SPLAY ROUTE	0.82	-0.75		295724.44	6269375.23	20.11
1063	A	ROUTE	0.49	-0.75		295683.85	6269394.93	19.5
1064	A	SPLAY ROUTE	0.82	-0.75		295771.44	6269425.34	20.24
1065	A	DUCT END	0.92	-0.75		295778.07	6269428.14	19.73
1067	A	DUCT CROSSING	N/A	-0.75		295688.4	6269232.13	20.34
1068	A	ROUTE	0.88	-0.75		295687.59	6269232.02	20.34
1069	A	ROUTE	0.55	-0.75		295684.4	6269231.12	20.73
1070	A	DUCT CROSSING	N/A	-0.75		295645.1	6269254.66	20.37
1075	A	SPLAY ROUTE	0.87	-0.75		295651.7	6269228.96	20.95
1077	A	ROUTE	0.88	-0.75		295649.18	6269224.57	20.93
1078	A	DUCT CROSSING	N/A	-0.75		295635.73	6269201.18	20.49
1083	A	DUCT CROSSING	N/A	-0.75		295615.46	6269166.04	20.78
1084	A	ROUTE	0.74	-0.75		295614.23	6269164.17	20.7
1086	A	EARTH STAKE	0.63	-0.75		295649.21	6269270.63	21.15
1087	A	EARTH STAKE	INSIDE INSIDE EASEMENT	-0.75		295654.46	6269271.55	20.96
1088	A	DUCT END	0.99	-0.75		295653.67	6269269.44	20.78
1090	A	DUCT END	0.96	-0.75		295616.25	6269167.21	20.92
1091	A	ROUTE	0.98	-0.75		295620.71	6269174.92	20.7
1092	A	DUCT END	0.9	-0.75		295630.69	6269192.36	20.67
1095	A	ROUTE	0.91	-0.75		295635.46	6269200.69	20.52
1097	A	DUCT END	0.98	-0.75		295645.34	6269254.58	20.64
1098	A	SPLAY ROUTE	0.83	-0.75		295654.03	6269238.62	20.96
1099	A	ROUTE	0.96	-0.75		295652.54	6269243.39	20.89
1100	A	SPLAY ROUTE	0.82	-0.75		295650.76	6269247.85	20.89
1101	A	DUCT CROSSING	N/A	-0.75		295628.74	6269153.81	20.53
1102	A	EXISTING DUCT END	N/A	-0.75		295628.11	6269151.91	20.48
1142	C	ROUTE	0.81	-0.75		295478.77	6269274.06	17.5
1143	C	ROUTE	0.7	-0.75		295547	6269382.79	18.01
1144	C	ROUTE	0.8	-0.75		295585.3	6269364.27	18.53
1155	A	ROUTE	INSIDE EASEMENT	-0.75		296057.99	6269522.76	12.08
1156	A	ROUTE	INSIDE EASEMENT	-0.75		296046.25	6269525.88	12.26
1157	A	ROUTE	INSIDE EASEMENT	-0.75		296035.62	6269528.64	12.46
1158	A	ROUTE	INSIDE EASEMENT	-0.75		296023.46	6269531.74	12.45
1159	A	ROUTE	INSIDE EASEMENT	-0.75		296011.69	6269534.82	12.3
1183	A	ROUTE	0.83	-0.75		295862.15	6269424.79	16.7
1184	A	ROUTE	0.85	-0.75		295868.35	6269436.96	16.83
1185	A	ROUTE	0.87	-0.75		295875.99	6269451.94	16.83
1186	A	ROUTE	0.87	-0.75		295883.4	6269466.42	16.77
1187	A	ROUTE	0.98	-0.75		295895.11	6269489.52	16.9
1189	A	ROUTE	0.91	-0.75		295903.79	6269506.34	17.14
1190	A	ROUTE	INSIDE EASEMENT	-0.75		296001.61	6269537.36	12.34
1195	A	ROUTE	0.97	-0.75		295924.82	6269547.43	17.82
1198	C	ROUTE	0.98	-0.75		295914.6	6269527.54	17.28
1199	A	ROUTE	INSIDE EASEMENT	-0.75		296094.1	6269513.41	10.93
1200	A	ROUTE	INSIDE EASEMENT	-0.75		296089.67	6269514.62	10.18
1201	A	ROUTE	INSIDE EASEMENT	-0.75		296086.13	6269515.7	10.53
1202	A	ROUTE	INSIDE EASEMENT	-0.75		296082.1	6269516.66	10.98
1206	A	ROUTE	INSIDE EASEMENT	-0.75		296056.94	6269523	12.04

1207	A	ROUTE	INSIDE EASEMENT	-0.75		296066.98	6269520.47	11.9
1208	A	ROUTE	INSIDE EASEMENT	-0.75		296076.27	6269518.1	11.38
1209	A	CONCRETE	INSIDE EASEMENT	-0.75		296082.53	6269516.38	11.02
1210	A	ROUTE	INSIDE EASEMENT	-0.75		296100.52	6269511.92	11.74
1211	A	ROUTE	INSIDE EASEMENT	-0.75		296106.17	6269510.47	12.82
1212	A	ROUTE	INSIDE EASEMENT	-0.75		296106.24	6269510.43	12.8
1213	A	ROUTE	INSIDE EASEMENT	-0.75		296114.98	6269508.18	15.19
1214	A	CONCRETE	INSIDE EASEMENT	-0.75		296093.45	6269513.63	11.02
1215	A	ROUTE	0.82	-0.75		295929.41	6269556.05	17.8
1216	A	ROUTE	INSIDE EASEMENT	-0.75		295938.87	6269553.6	15.55
1217	A	ROUTE	INSIDE EASEMENT	-0.75		295949.39	6269550.89	13.06
1218	A	ROUTE	INSIDE EASEMENT	-0.75		295957.55	6269548.82	11.59
1219	A	ROUTE	INSIDE EASEMENT	-0.75		295972.29	6269544.96	11.6
1220	A	ROUTE	INSIDE EASEMENT	-0.75		295985.93	6269541.41	12.19
1222	A	CONCRETE	INSIDE EASEMENT	-0.75		296077.76	6269517.77	11.41
1223	A	CONCRETE	INSIDE EASEMENT	-0.75		296066.31	6269520.71	12.08
1224	A	CONCRETE	INSIDE EASEMENT	-0.75		296057.16	6269523	12.23
1225	A	CONCRETE	INSIDE EASEMENT	-0.75		296116.59	6269507.69	15.9
1226	A	ROUTE	INSIDE EASEMENT	-0.75		296116.98	6269507.62	15.82
1227	A	ROUTE	INSIDE EASEMENT	-0.75		296122.63	6269506.11	17.08

AMENDMENTS

A	ORIGINAL ISSUE	22-6-2023	
DRAFT No. 01			
B	18-03-2024	Michael.j.B	CHK
		Michael.j.B	DWN
Route through Riperian re-aligned at developers request.			
DRAFT No. 01			
C	02-05-2024	Michael.j.B	CHK
		Michael.j.B	DWN
Asset Numbers Altered to Align with ADMS			
DRAFT No. 01			

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The preparation of this design has been undertaken giving due consideration to the existing services. The project constructor is wholly responsible for verify the exact location of existing services and permanent survey marks prior to commencing construction. No responsibility or liability will be accepted by the designer of this project for damage to existing services as a result of this design.

PLD Ref: 3868

TEMPLATE VERSION No. 5.2

Reference Drawings		Work Orders		CAMS File No.	URS26188
527570C	URS26188 Duct Trench & Easement	General		AM Project No.	
		Overhead		HV Switching	
		Underground		EE Depot	Kings Park
		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000
Drawn Michael.j.B
Date 02-05-2024
Ch'd Michael.j.B

DO NOT SCALE
Dimensions in Meters
MGA 56: GDA94
Design Michael.j.B

Off Richmond Road
MARSDEN PARK
URS26188
Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy
A1 527571 C
SHEET No 14 OF 15 SHEETS

64545

WAE SURVEY COORDINATE TABLE – GDA2020 – SURFACE ASSETS

NODE ID #	ASSET TYPE	NOTES	EASTING	NORTHING	REDUCED/SURFACE LEVEL
145	EXISTING S/L 2001444		295381.66	6269287.76	18.04
843	S/L 200417		295665.32	6269369.42	20.3
844	S/L 2004170		295645.7	6269331.88	20.73
845	S/L 2004169		295622.1	6269290.5	21.07
846	PILLAR 404187		295611.92	6269303.14	21.03
847	PILLAR 404488		295626.95	6269329.37	20.67
848	S/L 2004196		295628.37	6269342.9	20.25
849	PILLAR 404489		295646.26	6269365.43	20.35
850	PILLAR 404490		295655.1	6269383.33	20.21
851	PILLAR 404491		295675.98	6269429.94	20.12
852	PILLAR 404492		295687.64	6269457.7	20.34
908	PILLAR 404512		295604.41	6269371.49	19.77
909	PILLAR 404511		295575.05	6269385.69	19.33
910	PILLAR 404510		295548.19	6269398.8	18.89
911	PILLAR 404509		295507.76	6269418.42	18.32
912	PILLAR 404478		295472.03	6269452.89	17.96
913	S/L 2004192		295462.15	6269423.73	17.93
914	S/L 2004159		295467.34	6269444.38	18.05
915	PILLAR 404523		295481.66	6269414.21	18.01
920	S/L 2004193		295508.5	6269401.14	18.49
921	S/L 2004194		295546.76	6269382.61	19.03
922	S/L 2004195		295584.96	6269364.03	19.62
924	PILLAR 404513		295569.59	6269309.4	20.75
925	PILLAR 404514		295531.34	6269328.04	19.93
926	PILLAR 404515		295504.34	6269341.18	19.38
927	PILLAR 404516		295475.12	6269355.44	18.68
928	S/L 2004160		295443.85	6269401.56	17.97
929	S/L 200416		295420.45	6269359.04	18.2
930	S/L 2004202		295437.11	6269356.92	18.18
932	S/L 2004201		295474.22	6269338.83	18.9
933	S/L 2004200		295512.38	6269320.29	19.75
934	S/L 2004199		295550.64	6269301.74	20.54
935	S/L 2004198		295593.13	6269280.98	21.24
936	PILLAR 404486		295591.41	6269267.53	20.77
937	PILLAR 404485		295576.4	6269241.48	19.83
938	PILLAR 404483		295526.18	6269251.57	18.74
939	PILLAR 404482		295496.88	6269265.74	18.53
940	PILLAR 404481		295470.08	6269278.84	18.35
941	PILLAR 404480		295431.63	6269297.31	18.08
942	S/L 2004162		295399.07	6269319.65	18.08
943	PILLAR 404479		295409.85	6269339.17	17.95
944	S/L 2004163		295414.44	6269289.08	17.94
945	S/L 2004164		295454.92	6269269.43	18.31
946	S/L 2004165		295495.42	6269249.63	18.61
947	S/L 2004166		295533.7	6269230.96	18.9
948	PILLAR 404484		295555.85	6269205.8	19.45
949	EXISTING PILLAR 401634		295545.98	6269188.44	19.5
950	EXISTING S/L 2001449		295555.33	6269174.76	19.66
951	S/L 2004167		295576.67	6269211.5	19.44
952	S/L 2004168		295597.96	6269248.41	20.39
953	S/L 2004197		295625.44	6269265.4	21.47
954	PILLAR 404524		295642.34	6269274.09	21.67
966	EXISTING S/L 978110		295599.11	6269138.22	21.78
986	S/L 2004187		295650.88	6269410.86	20.13
987	S/L 2004188		295610.84	6269430.38	19.64
988	S/L 2004189		295572.53	6269448.93	19.05
989	S/L 2004190		295531.96	6269468.68	18.41
990	S/L 200419		295496.36	6269486.04	17.96
991	S/L 2004158		295488.81	6269483.58	18.1
992	S/L 2004157		295512.15	6269526.3	18.02
993	PILLAR 404477		295506.15	6269515.24	18.05
994	PILLAR 404508		295535.56	6269483.87	18.37
995	PILLAR 404507		295564.96	6269469.64	18.84
996	PILLAR 404506		295603.09	6269451.07	19.42
997	PILLAR 404505		295632.24	6269436.79	19.86
998	S/L 2004184		295687.82	6269471.92	20.11
999	S/L 2004183		295647.71	6269491.36	19.59
1000	S/L 2004182		295607.13	6269511.13	19.03
1001	S/L 2004181		295569.01	6269529.73	18.54
1002	S/L 2004180		295531.24	6269548	18.13
1003	S/L 2004156		295540.4	6269568.02	18.28
1004	PILLAR 404499		295574.88	6269543.75	18.51
1005	PILLAR 404500		295601.93	6269530.58	18.87
1006	PILLAR 404501		295633.34	6269515.36	19.29
1007	PILLAR 404502		295669.22	6269497.83	19.75
1103	EXISTING PILLAR 168278		295627.2	6269148.9	21.82
1104	S/L 2004176		295701.03	6269561.34	20.09
1105	S/L 2004177		295678	6269578.47	19.22
1106	S/L 2004178		295648.16	6269587.06	19.05
1107	S/L 2004179		295609.85	6269605.69	18.14
1108	PILLAR 404476		295546.76	6269574.75	18.19
1109	S/L 2004155		295573.81	6269600.79	18
1110	PILLAR 404198		295599.2	6269593.86	18.07
1111	PILLAR 404497		295626.21	6269580.81	18.71
1112	PILLAR 404196		295666.79	6269560.99	19.48
1113	PILLAR 404195		295693.83	6269547.9	20.07
1114	S/L 2004175		295736.1	6269533.71	20.99
1115	PILLAR 404194		295715.19	6269523.31	20.76
1116	PILLAR 404193		295703.57	6269495.52	20.6
1117	S/L 2004174		295719.72	6269494.58	20.64
1118	S/L 2004173		295703.17	6269455.34	20.33
1119	S/L 2004172		295686.77	6269416.49	20.16
1120	S/L 2004186		295683.41	6269395.04	20.53
1121	PILLAR 404504		295705.13	6269401.43	20.69
1122	PILLAR 404503		295708.43	6269382.83	20.79
1123	S/L 2004185		295723.73	6269375.29	21
1124	S/L 2004211		295726.45	6269368.2	21.33
1126	S/L 2004210		295705.27	6269324.89	21.54
1127	PILLAR 404519		295716.67	6269305.22	21.5
1128	PILLAR 404520		295737.03	6269345.33	21.59
1129	PILLAR 404521		295754.52	6269384.05	21.37
1130	S/L 2004212		295746.89	6269415.42	21.46
1131	S/L 2004213		295763.22	6269454.47	21.37
1132	PILLAR 404522		295754.6	6269433.76	21.3
1133	PILLAR 404518		295702.08	6269278.98	21.69
1134	S/L 2004207		295695.33	6269256.29	22.13
1135	S/L 2004206		295683.35	6269230.81	22.09
1136	S/L 2004208		295667.33	6269269.61	22.04
1137	S/L 2004205		295651.98	6269243.2	21.85
1138	S/L 2004204		295641.3	6269211.87	21.67
1139	PILLAR 404517		295630.09	6269192.44	21.67
1140	S/L 2004203		295620.09	6269175.03	21.78
1141	S/L 2004209		295684.87	6269287.6	21.73

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.JOWETT DATE 18/03/25

INSPECTED BY GAV NIXON

SIGNATURE ..... DATE .....

ASSET RECORDING

I STEVE FRIDAY

OF C.J. DOYLE CONTRACTING

CONTACT No 8784-1922

HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE STEVE FRIDAY DATE 18/03/2025

AMENDMENTS
A ORIGINAL ISSUE 22-6-2023 CHK Michael.j.B DWN Michael.j.B
B DRAFT No. 01 18-03-2024 Route through Riperan re-aligned at developers request.
C DRAFT No. 01 02-05-2024 CHK Michael.j.B DWN Michael.j.B Asset Numbers Altered to Aligns with ADMS
DRAFT No. 01

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POWER LINE DESIGN PTY LTD
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Ph (02) 4872 1920 Fax (02) 4872 1240
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PLD Ref: 3868

TEMPLATE VERSION No. 5.2

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		Substations		EE Region	Northern
				HV OP Diagram	Marsden Park
				Local Government Area	Blacktown City

ORIGINAL SCALE 1:1000 | DO NOT SCALE | Dimensions in Meters | MGA 56: GDA94

Drawn Michael.j.B | Date 02-05-2024 | Ch'd Michael.j.B | Design Michael.j.B

Off Richmond Road
MARSDEN PARK
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Subdivision of Lot 3, DP 1230408
Stage 7J
Electrical Reticulcation

Endeavour Energy

A1 | 527571 | C

SHEET No 15 OF 15 SHEETS

64545 | #4382