

DIAL BEFORE YOU DIG

Ref: 37688216

Date: 27 September, 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.

Testing and Commissioning

All required testing in accordance with SD1 120 must be performed in strict accordance with the standard.

Existing Conduits

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

Section 138 Approval

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

Proposed Ducts/Conduits

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

Final Ground Level

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

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).

Route Lengths

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

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.

Pollution

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

Streetlight Columns

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

Service Ducts

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

Streetlight LV Supply

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

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.

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.

Cable Lengths

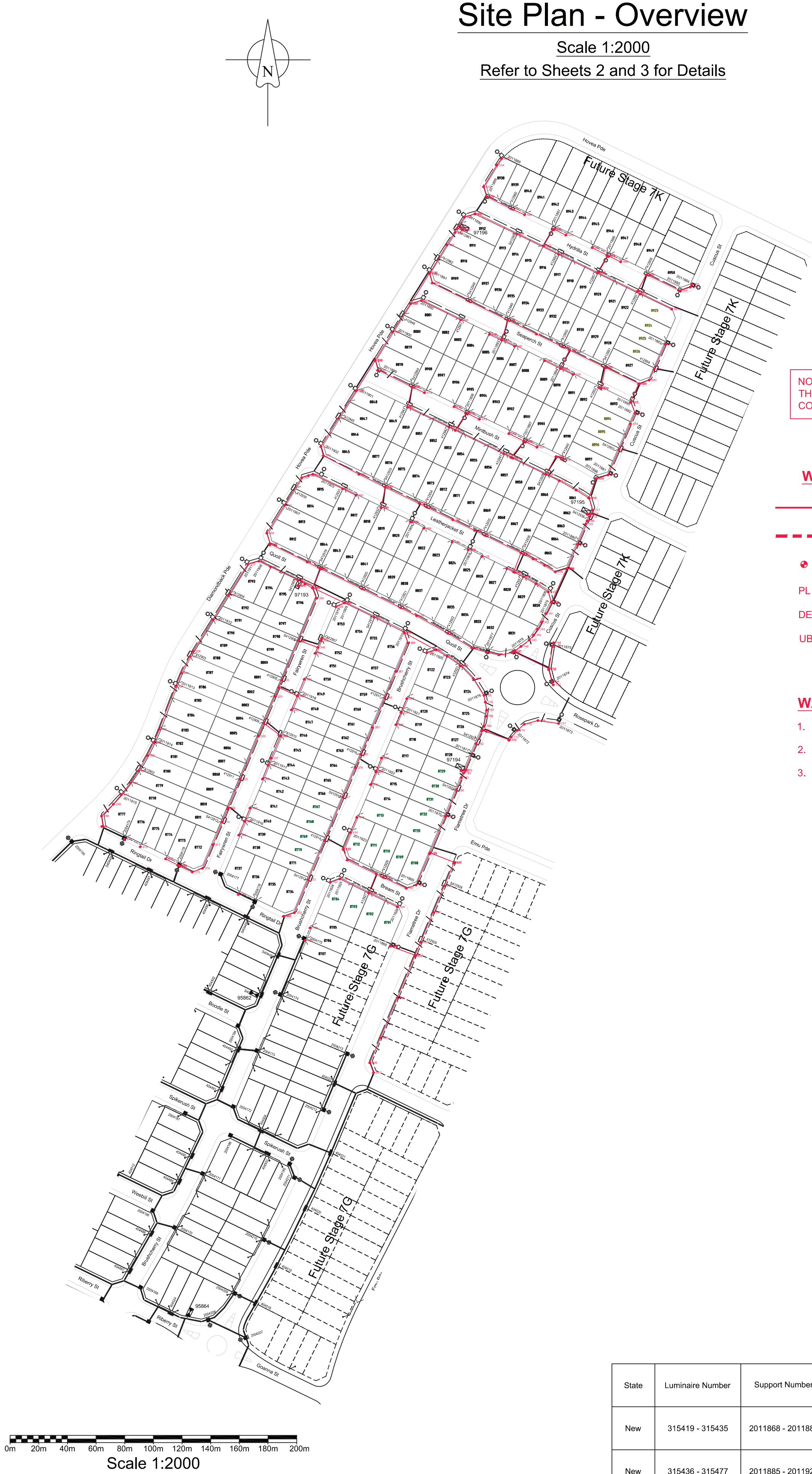
Cable Lengths specified on this design have been calculated utilizing 2 dimensional data to align with Endeavour Energy's AVS. The Constructor will need to allow for additional cable to cater for topographic influences as well as cable terminations, cable setting, and vertical indifference.

KEY DOCUMENTS TABLE	
The Certification of this project is supported by the following key documents	
Document Name	Notation Date
Summary Environmental Report - FAT0038 (EMS0001)	6 October, 2024
Safe Design Report	6 October, 2024

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

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: • Popping 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			
Works Required Prior to Completion of Customer Contestable Project	Association of Customer Contestable Project	Customer Funded Contestable Works	Existing Duct Usage Charges (excl GST) Total Usage \$0.00
NIL	NIL	All other works and materials including but not limited to: • Substation establishment & installation. • Excavation & Trenching. • Duct Installation. • Cable Installation (Pulling & Laying). • Cable Joining. • Conductor Stringing/Tensioning. • Installation of Earthing.	
Endeavour Energy Funded & Level 1 ASP Constructed - Reimbursement (excl GST)			
Item	Amount	Co-ordination Supply Required Date 01/06/2025	Assets to be Returned to the nearest Endeavour Energy Depot. NIL
4x 500kVA (11000-433)V 3-Phase Padmount Substation Transformers	\$50 304.00		
Total EE Capital Contribution (excl. PM & Design)	\$50 304.00		
Total EE Capital Contribution (HV reimbursement)	\$55 183.00		

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NOTE:

THE SURVEY IN THIS DRAWING WAS CONDUCTED IN GDA 2020.

- WAE LEGEND
- PVC DUCTS (TRENCH)

PVC DUCTS (UNDERBORE)

QUALITY LEVEL DATA POINT

PROPERTY LINE

DUCT END

UNDERBORE END

- 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'.
3. DUCT TABLE HAS BEEN AMENDED AS PER INSPECTION. REFER TO DUCT SCHEDULE FOR DETAILS.

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.

• SAD: 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/NZS3700 "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: 6 October , 2024

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT

SIGNATURE C.J. JOWETT DATE 14/01/26

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 14/01/26

Certified by Endeavour Energy

Amendment:

Date Approved:

Examiner's Signature:

Print Name:

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

Authorization of Estimate Value of Endeavour Energy Funded Assets

Signed:

Print Name:

Service Number:

Funding Amount: \$

Date:

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.
Design certification shall lapse where:	
3.	(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 completed 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

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.

This Drawing Supplies 250 Lots (Subdivision of Lot 3, DP1230408)					
C.A.P. No.	Lot Numbers	No. of Lots	Developer	Developers Representative	Contact No.
URS26402	Lot 8701 to 8950	250	Woorong Park Pty Limited	Tana Sainsbury (J. Wyndham Prince)	(02) 4720 3319

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	315419 - 315435	2011868 - 2011884	57W RoadLED Midl Aeroscreen	PM99G11L57	769	17	8.5m Enlarged Base Column	IE/8.5.EB	Type 2 / Universal (9.0m - 10.5m)	995	17	4.5m Curved Pipe Outreach	IE4.5CPS	991	11	5°	V5	10.5m	Black	Blacktown City Council
New	315436 - 315477	2011885 - 2011926	17W StreetLED (Gerard)	JLB89G05L17	889	42	4.5m Enlarged Base Column	IE/4.5.EB	Type 2 /Type 2 (<9.0m)	995	42	3.0m Curved Pipe Outreach	IE3.0CPS/25	991	48	5°	PR5	6.5m	Black	Blacktown City Council



Scale 1:1000

SAP Data Sub 97196	
HV BusBar	21053
Trf	10005864
LV BusBar	39004

SAP Data Sub 97193	
HV BusBar	21056
Trf	10005861
LV BusBar	39007

SAP Data Sub 97195	
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Trf	10005863
LV BusBar	39005

SAP Data Sub 97194	
HV BusBar	21055
Trf	10005862
LV BusBar	39006

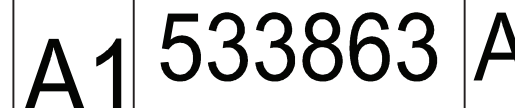
CAMS File Number.	URS26402
AM Proj. Number.	
t HV Switching.	
EE Depot	Kings Park
EE Region	Northern
HV Operating Diagram	Marsden Park
Local Government Area	Blacktown City

 Original Scale 1:1000	
Drawn	Michael.j.B
Date	07-01-2025
Checked	Michael.j.B

DO NOT
SCALE
Dimensions
in meters
MGA 56, GDA:2020
Design: Michael.j.B

Richmond Road
MARSDEN PARK
URS26402
Newpark Precient 7 - Stage 7H

Electrical Reticulation



SHEET No 2 OF 14 SHEETS

	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 Conduit

	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 Powder-coated Black
	Proposed Column Excavation location - 8.5m Enlarged Base Column & 4.5m Curved Pipe Outreach - Type 2 Ragbolt (Universal Footing) - Colour Powder-coated Black
	Existing Column,
	Proposed New Streetlight Lantern,
	Existing Streetlight Lantern,
	Proposed New Padmount Substation,
	Existing Padmount Substation,
	Point Indicator,

Trench Length	
High Voltage Trenching	1131m
Low Voltage Trenching	1582m
Street Light Trenching	99m
Road Crossing	749m
Total	3561m

Cadastre: © Land and Property Information 2016

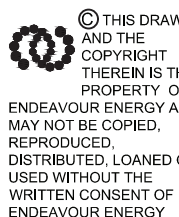
Continues Top of Sheet No.3


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.

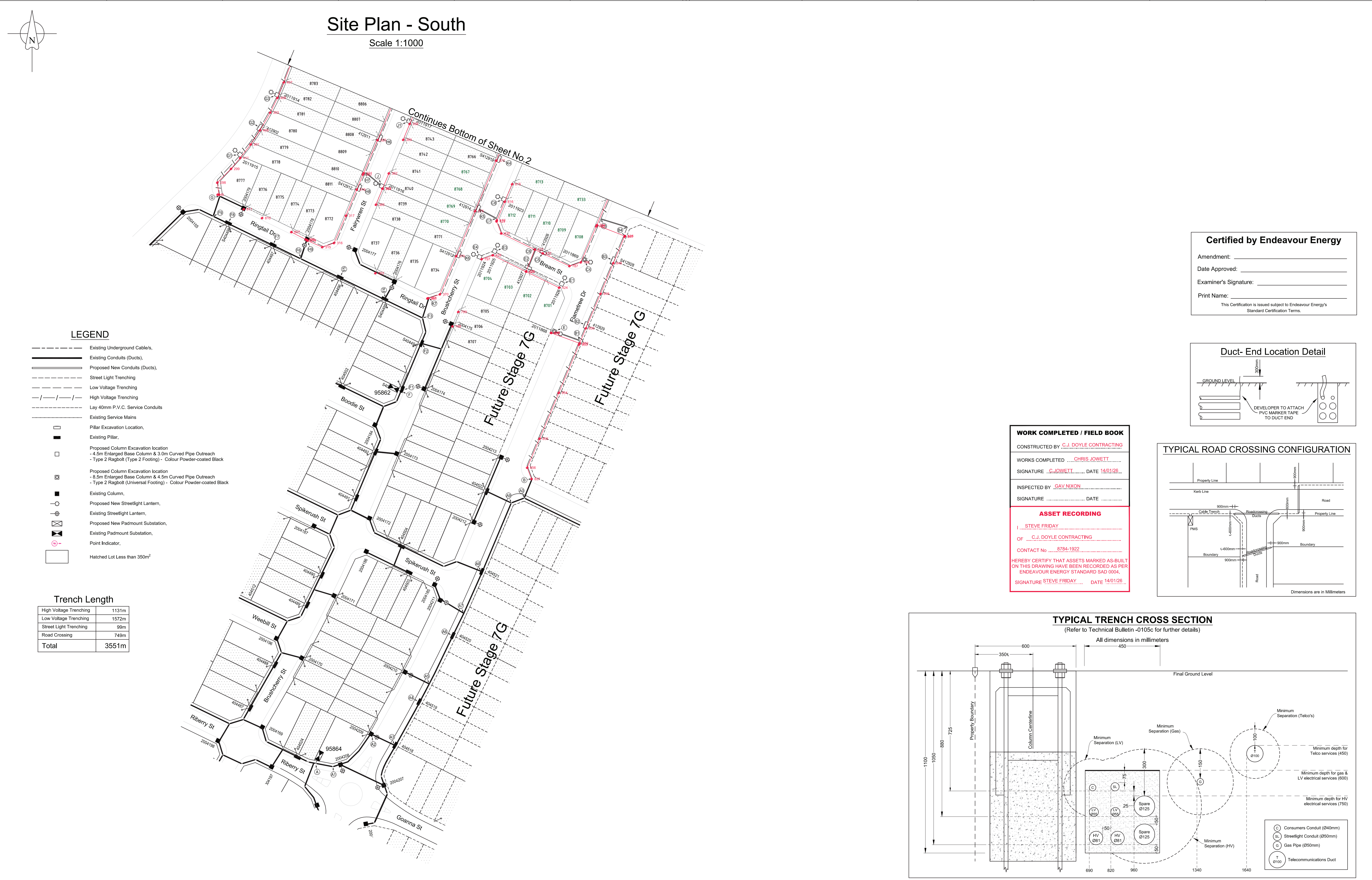
PLD Ref:3867

Template Version No. 5.20



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Reference Drawings



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 Powder-coated Black
- Proposed Column Excavation location
- 8.5m Enlarged Base Column & 4.5m Curved Pipe Outreach
- Type 2 Ragbolt (Universal Footing) - Colour Powder-coated Black
- Existing Column,
- Proposed New Streetlight Lantern,
- Existing Streetlight Lantern,
- Proposed New Padmount Substation,
- Existing Padmount Substation,
- Point Indicator,
- Hatched Lot Less than 350m²

Trench Length

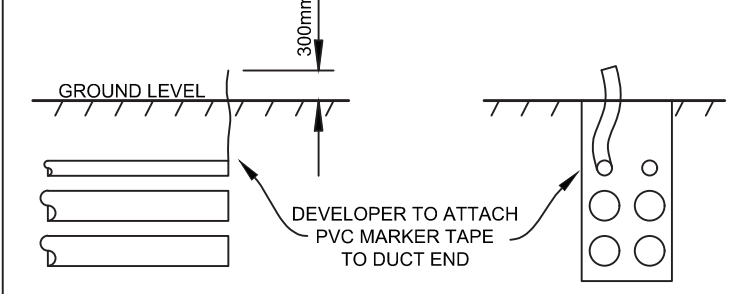
High Voltage Trenching	1131m
Low Voltage Trenching	1572m
Street Light Trenching	99m
Road Crossing	749m
Total	3551m

Certified by Endeavour Energy

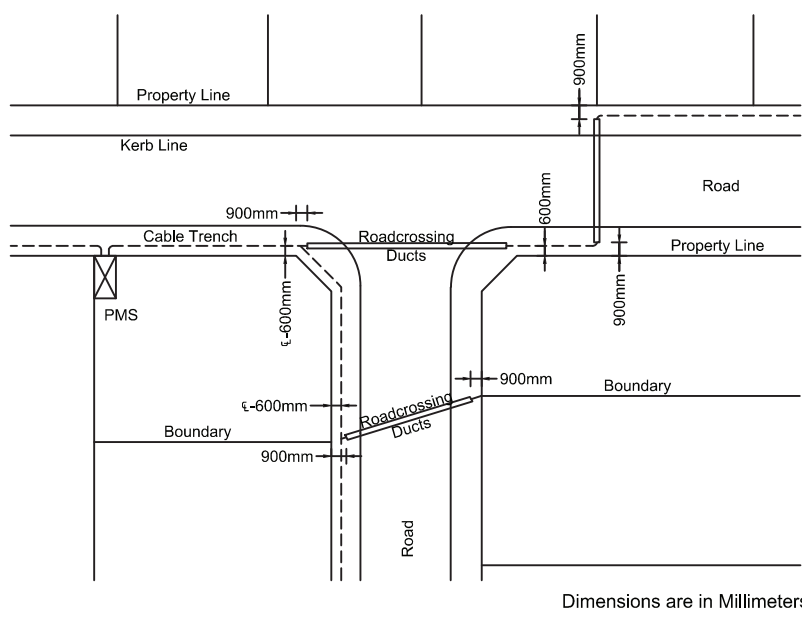
Amendment: _____
Date Approved: _____
Examiner's Signature: _____
Print Name: _____

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

Duct- End Location Detail



TYPICAL ROAD CROSSING CONFIGURATION



WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY **C.J. DOYLE CONTRACTING**

WORKS COMPLETED **CHRIS JOWETT**

SIGNATURE **C.J. JOWETT** DATE **14/01/26**

INSPECTED BY **GAV NIXON**

SIGNATURE _____ DATE _____

ASSET RECORDING

I **STEVE FRIDAY**

OF **C.J. DOYLE CONTRACTING**

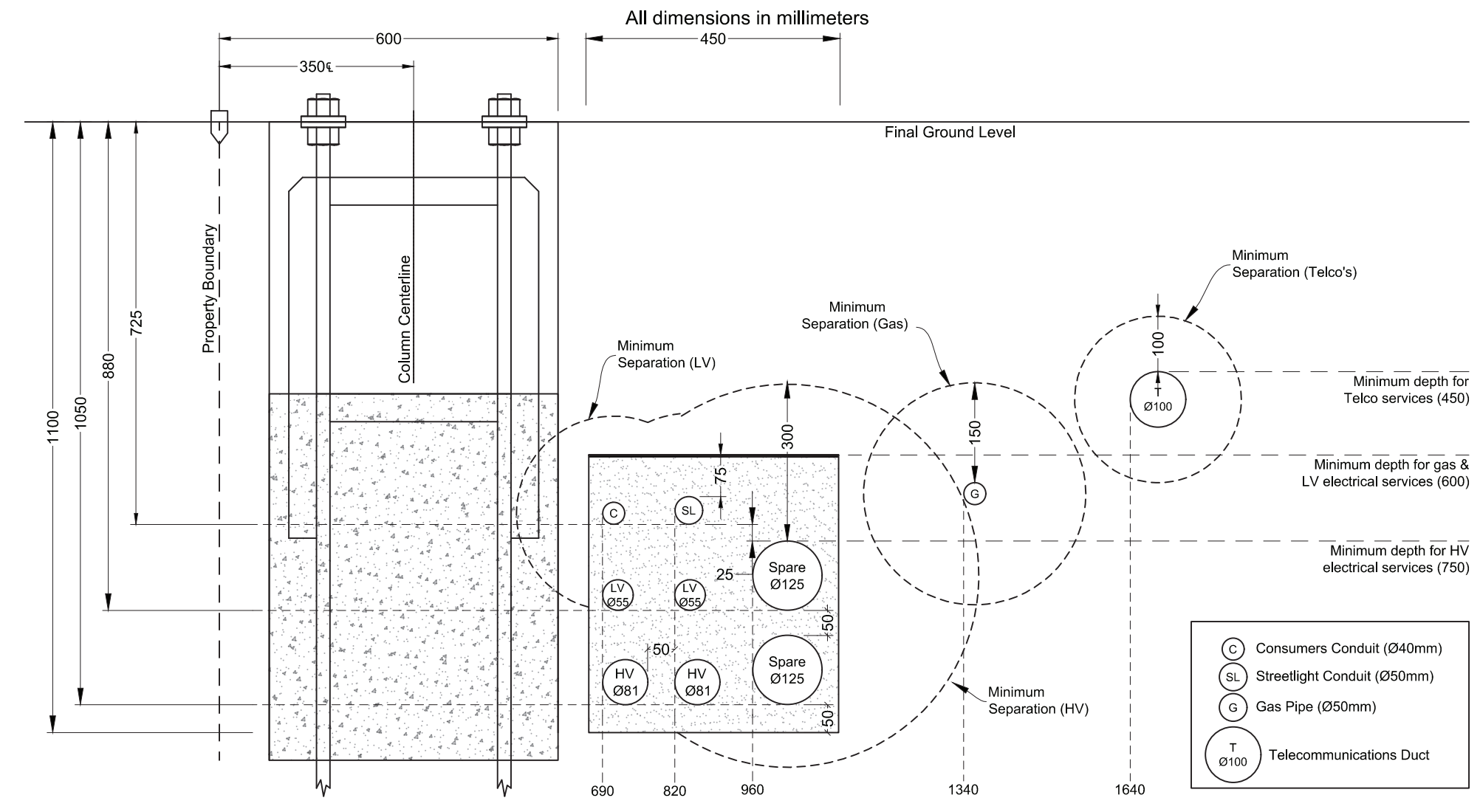
CONTACT No **8784-1922**

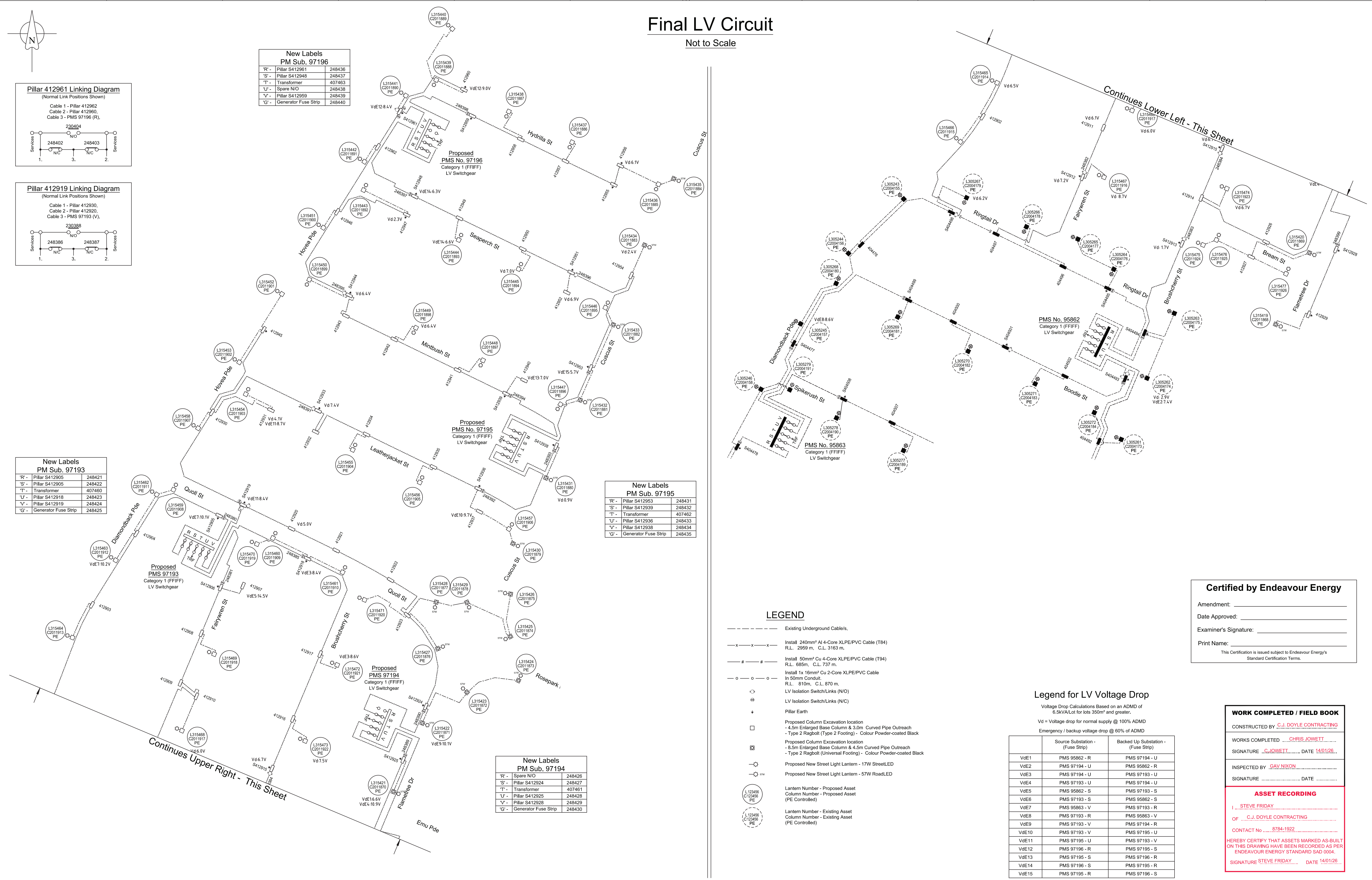
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SIGNATURE **STEVE FRIDAY** DATE **14/01/26**

TYPICAL TRENCH CROSS SECTION

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







WORKS COMPLETED CHRIS JOWETT	
SIGNATURE C. JOWETT	DATE 14/01/26
INSPECTED BY GAV NIXON	
SIGNATURE	DATE

ASSET RECORDING

I, **STEVE FRIDAY**

OF **C.J. DOYLE CONTRACTING**

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SIGNATURE **STEVE FRIDAY** DATE **14/01/26**

by Endeavour Energy

Signature: _____

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



Endeavour
Energy

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533863

SHEET No

6 OF

14

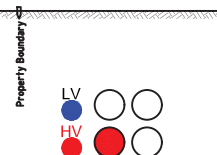
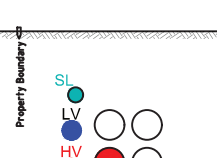
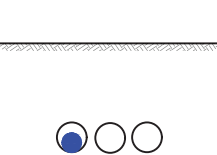
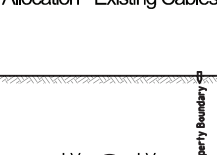
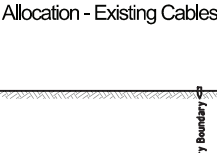
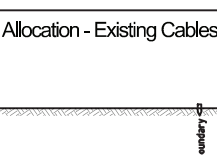
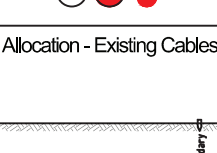
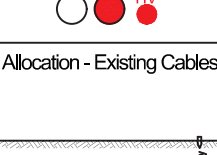
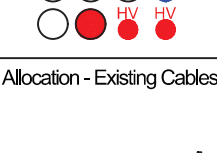
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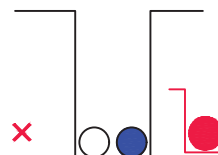
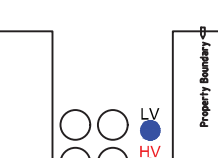
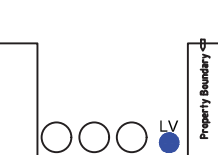
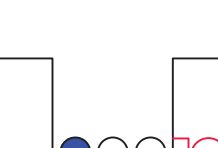
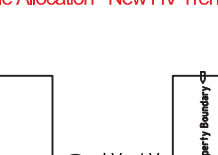
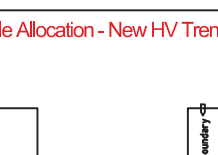
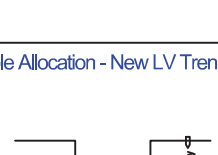
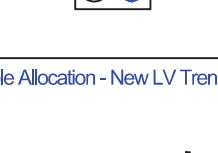
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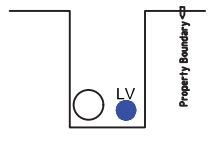
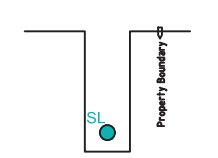
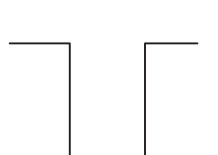
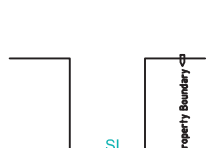
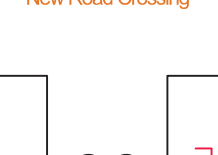
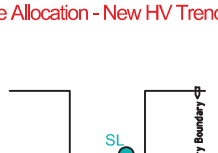
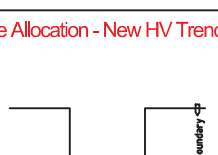
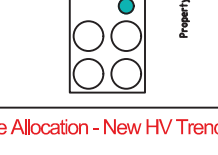
Print Name: _____

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

ad RK	 Endeavour Energy	
	A1	53386
tage 7H	SHEET No 6 OF	
tion		

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
A → A1	Cable Allocation - Existing Cables/Ducts 	15m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A1 → A2	Cable Allocation - Existing Cables/Ducts 	29m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A2 → A3	Road Crossing - Existing Cables/Ducts 	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A3 → A4	Cable Allocation - Existing Cables/Ducts 	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A4 → A5	Cable Allocation - Existing Cables/Ducts 	13m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A5 → A6	Cable Allocation - Existing Cables/Ducts 	33m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A6 → A7	Cable Allocation - Existing Cables/Ducts 	15m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A7 → A8	Cable Allocation - Existing Cables/Ducts 	27m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A8 → A9	Cable Allocation - Existing Cables/Ducts 	44m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A9 → A0	Cable Allocation - Existing Cables/Ducts 	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
A0 → B	Road Crossing - Existing Cables/Ducts 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
B → B1	Cable Allocation - New HV Trenching 	90m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
B1 → B2	Cable Allocation - New HV Trenching 	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
B1→E	New Road Crossing 	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
B2→B3	Cable Allocation - New HV Trenching 	43m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
B3→B4	Cable Allocation - New HV Trenching 	22m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
B4→C3	New Road Crossing 	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C→C1	Cable Allocation - New HV Trenching 	14m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C1→C2	Cable Allocation - New HV Trenching 	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C2→C3	Cable Allocation - New HV Trenching 	25m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C3→C4	Cable Allocation - New LV Trenching 	27m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C4→C5	Cable Allocation - New LV Trenching 	25m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C5→C6	Cable Allocation - New LV Trenching 	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C6→E2	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C6→C7	Cable Allocation - New LV Trenching 	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
C7→K5	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
C7→C8	Cable Allocation - New LV Trenching 	12m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D→D1	Cable Allocation - New SL Trenching 	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D1→J0	New Road Crossing 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D1→D2	Cable Allocation - New LV Trenching 	21m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D2→L5	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D2→D3	Cable Allocation - New HV Trenching 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D3→D4	Cable Allocation - New HV Trenching 	25m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D4→D5	Cable Allocation - New HV Trenching 	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D5→D6	Cable Allocation - New HV Trenching 	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D6→C	Cable Allocation - New HV Trenching 	12m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D4→D7	New Road Crossing 	22m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D7→D8	Cable Allocation - New HV Trenching 	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
D8→D9	Cable Allocation - New HV Trenching 	32m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY C.J. DOYLE CONTRACTING

WORKS COMPLETED CHRIS JOWETT DATE 14/01/26

SIGNATURE C.JOWETT DATE 14/01/26

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 14/01/26

Certified by Endeavour Energy

Amendment:

Date Approved:

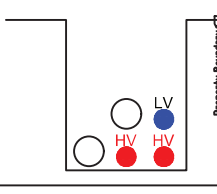
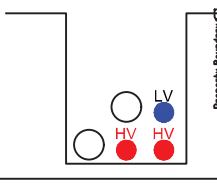
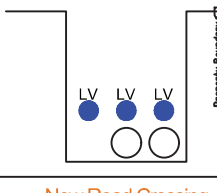
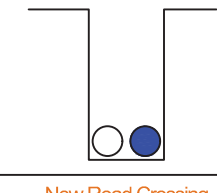
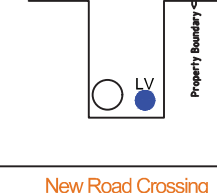
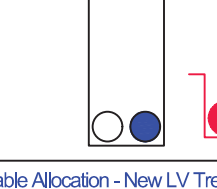
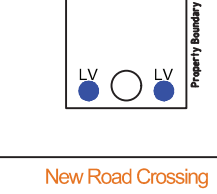
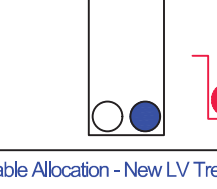
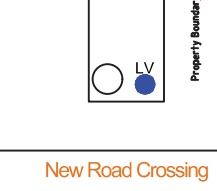
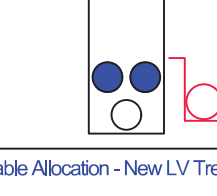
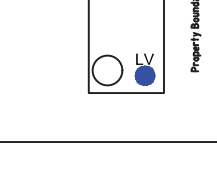
Examiner's Signature:

Print Name:

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

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
D9→U8	New Road Crossing	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
E1→E2	Cable Allocation - New SL Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
E2→E3	Cable Allocation - New SL Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
E3→E4	Cable Allocation - New SL Trenching	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F→F1	Cable Allocation - Existing Cables/Ducts	2m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F1→F2	Cable Allocation - Existing Cables/Ducts	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F2→F3	Cable Allocation - Existing Cables/Ducts	15m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F3→K7	Road Crossing - Existing Cables/Ducts	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F3→F4	Cable Allocation - Existing Cables/Ducts	25m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F4→F5	Cable Allocation - Existing Cables/Ducts	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F5→F6	Cable Allocation - Existing Cables/Ducts	27m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F6→H9	Road Crossing - Existing Cables/Ducts	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F6→F7	Cable Allocation - Existing Cables/Ducts	19m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
F7→F8	Cable Allocation - Existing Cables/Ducts	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F8→F9	Cable Allocation - Existing Cables/Ducts	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
F9→G	Road Crossing - Existing Cables/Ducts	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G→G1	Cable Allocation - New HV Trenching	28m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G1→G2	Cable Allocation - New HV Trenching	21m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G2→G3	Cable Allocation - New HV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G3→G4	Cable Allocation - New HV Trenching	43m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G4→G5	Cable Allocation - New HV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G5→G6	Cable Allocation - New HV Trenching	21m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G6→G7	Cable Allocation - New HV Trenching	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G7→G8	Cable Allocation - New HV Trenching	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G8→G9	Cable Allocation - New HV Trenching	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G9→L	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
Total			\$ 0				\$ 0			

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
G9 → G0	Cable Allocation - New HV Trenching 	31m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
G0 → H	Cable Allocation - New HV Trenching 	2m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H → H1	Cable Allocation - New LV Trenching 	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H1 → L1	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H1 → J8	New Road Crossing 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H1 → H2	Cable Allocation - New LV Trenching 	39m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H2 → J5	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H2 → H3	Cable Allocation - New LV Trenching 	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H3 → H4	Cable Allocation - New LV Trenching 	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H4 → J3	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H4 → H5	Cable Allocation - New LV Trenching 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H5 → J2	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H5 → H6	Cable Allocation - New LV Trenching 	43m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

WORK COMPLETED / FIELD BOOK	
CONSTRUCTED BY <u>C.J. DOYLE CONTRACTING</u>	
WORKS COMPLETED <u>CHRIS JOWETT</u>	
SIGNATURE <u>C.JOWETT</u>	DATE <u>14/01/26</u>
INSPECTED BY <u>SAV NIXON</u>	
SIGNATURE	DATE
ASSET RECORDING	
I <u>STEVE FRIDAY</u>	
OF <u>C.J. DOYLE CONTRACTING</u>	
CONTACT NO <u>8784-1922</u>	
HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.	
SIGNATURE <u>STEVE FRIDAY</u>	DATE <u>14/01/26</u>

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

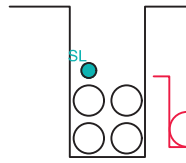
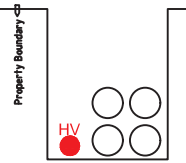
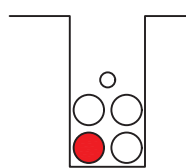
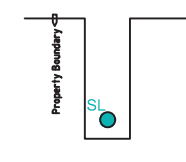
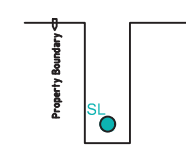
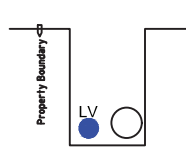
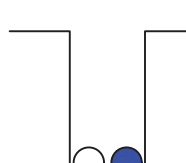
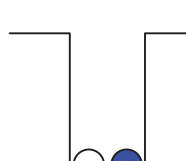
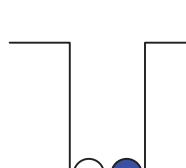
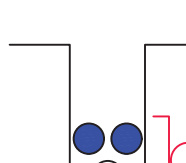
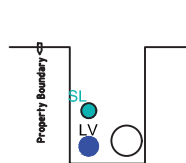
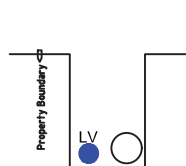
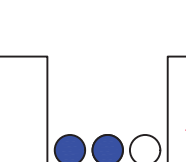
Print Name: _____

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

AMENDMENTS	ORIGINAL ISSUE	 powerlinedesign POWER LINE DESIGN PTY LTD PO BOX 338 Mittagong NSW 2575 Ph (02) 4872 1920 Fax (02) 4872 1240 Accredited Designer Number 2496 ABN: 33107 981 846	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:3867	THIS DRAWING IS THE PROPERTY OF ENDEAVOUR ENERGY AND MAY NOT BE COPIED, REPRODUCED, DISTRIBUTED, LOANED OR USED WITHOUT THE WRITTEN CONSENT OF ENDEAVOUR ENERGY	Reference Drawings		CAMS File Number.	URS26402	 Original Scale 1:1000	DO NOT SCALE Dimensions in meters MSA 56, GDA:2020	Richmond Road MARSDEN PARK URS26402 Newpark Precient 7 - Stage 7H Electrical Reticulation	 Endeavour Energy	A1 533863 A SHEET No 8 OF 14 SHEET						
	Date: Draft No. 01				533862	URS26402 Duct, Trench & Easement	AM Proj. Number.							HV Switching.	Kings Park	EE Depot	EE Region	HV Operating Diagram	Local Government Area

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
H6→H7	Cable Allocation - New LV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H7→J	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H7→H8	Cable Allocation - New LV Trenching	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
H8→H9	Cable Allocation - New LV Trenching	53m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
J2→J3	Cable Allocation - New LV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
J5→J6	Cable Allocation - New LV Trenching	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
J7→J8	Cable Allocation - New SL Trenching	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
J8→J9	Cable Allocation - New LV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
J9→J0	Cable Allocation - New LV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
J0→K	Cable Allocation - New LV Trenching	50m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K→K1	Cable Allocation - New LV Trenching	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K1→C0	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K1→K2	Cable Allocation - New LV Trenching	38m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
K2 → K3	Cable Allocation - New LV Trenching	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K3 → C9	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K3 → K4	Cable Allocation - New LV Trenching	28m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K4 → K5	Cable Allocation - New LV Trenching	33m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K5 → K6	Cable Allocation - New LV Trenching	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
K6 → K7	Cable Allocation - New LV Trenching	32m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L → L1	Cable Allocation - New LV Trenching	39m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L1 → L2	Cable Allocation - New LV Trenching	33m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L2 → L3	Cable Allocation - New LV Trenching	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L3 → L4	Cable Allocation - New LV Trenching	38m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L4 → L5	Cable Allocation - New LV Trenching	21m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L5 → L6	Cable Allocation - New HV Trenching	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L6 → L7	Cable Allocation - New HV Trenching	18m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
L7→U6 ✗	New Road Crossing 	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L7→L8	Cable Allocation - New HV Trenching 	45m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L8→O7	New Road Crossing 	27m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
L8→M	Cable Allocation - New SL Trenching 	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M→M1	Cable Allocation - New SL Trenching 	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M1→M2	Cable Allocation - New LV Trenching 	6m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M2→O6	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M3→O4	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M4→O2	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M5→O1 ✗	New Road Crossing 	17m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M6→M7	Cable Allocation - New LV Trenching 	18m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M7→M8	Cable Allocation - New LV Trenching 	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M8→O ✗	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

WORK COMPLETED / FIELD BOOK	
CONSTRUCTED BY C.J. DOYLE CONTRACTING	
WORKS COMPLETED CHRIS JOWETT	
SIGNATURE C. JOWETT	DATE 14/01/26
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 14/01/26

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

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

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
M8→M9	Cable Allocation - New HV Trenching	18m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M9→M0	Cable Allocation - New HV Trenching	13m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
M0→L	Cable Allocation - New HV Trenching	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N→U3	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N→N1	Cable Allocation - New HV Trenching	11m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N1→Q0	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N1→N2	Cable Allocation - New HV Trenching	34m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N2→Q8	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N2→N3	Cable Allocation - New HV Trenching	27m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N3→Q7	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N3→N4	Cable Allocation - New HV Trenching	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N4→N5	Cable Allocation - New HV Trenching	38m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N5→Q6	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
N5→N6	Cable Allocation - New HV Trenching	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N6→N7	Cable Allocation - New HV Trenching	33m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N7→Q5	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N8→Q3	New Road Crossing	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N8→N9	Cable Allocation - New HV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N9→N0	Cable Allocation - New HV Trenching	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
N0→O	Cable Allocation - New HV Trenching	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O→O1	Cable Allocation - New LV Trenching	47m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O1→O2	Cable Allocation - New LV Trenching	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O2→O3	Cable Allocation - New LV Trenching	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O3→O4	Cable Allocation - New LV Trenching	39m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O4→O5	Cable Allocation - New LV Trenching	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O5→O6	Cable Allocation - New LV Trenching	3m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8m)	No. of 125mm Ducts	Amount (@ \$27m)	No. of 50mm Ducts	Amount (@ \$8m)	No. of 125mm Ducts	Amount (@ \$27m)
O6→O7	Cable Allocation - New LV Trenching	33m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O7→U4	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O7→O8	Cable Allocation - New HV Trenching	18m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O8→O9	Cable Allocation - New HV Trenching	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
O9→N	Cable Allocation - New HV Trenching	2m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P→P1	Cable Allocation - New HV Trenching	19m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P1→U2	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P1→P2	Cable Allocation - New LV Trenching	28m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P2→P3	Cable Allocation - New LV Trenching	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P3→R9	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P4→R8	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P5→R7	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P6→R5	New Road Crossing	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

WORK COMPLETED / FIELD BOOK	
CONSTRUCTED BY <u>C.J. DOYLE CONTRACTING</u>	
WORKS COMPLETED <u>CHRIS JOWETT</u>	
SIGNATURE <u>C. JOWETT</u>	DATE <u>14/01/26</u>
INSPECTED BY <u>GAV NIXON</u>	
SIGNATURE _____	DATE _____
ASSET RECORDING	
I <u>STEVE FRIDAY</u>	
OF <u>C.J. DOYLE CONTRACTING</u>	
CONTACT NO <u>8784-1922</u>	
HEREBY CERTIFY THAT ASSETS MARKED AS-BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD Sd 0004.	
SIGNATURE <u>STEVE FRIDAY</u>	DATE <u>14/01/26</u>

Certified by Endeavour Energy

Amendment: _____

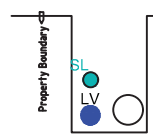
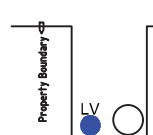
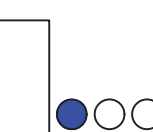
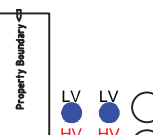
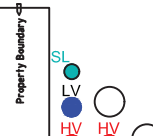
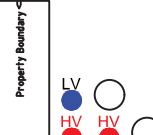
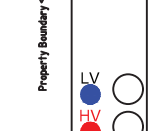
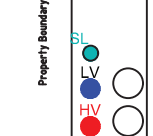
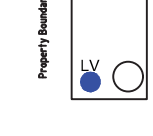
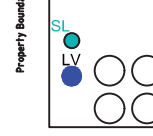
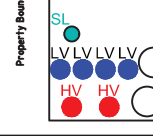
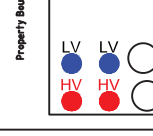
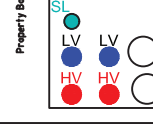
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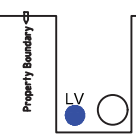
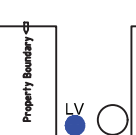
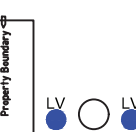
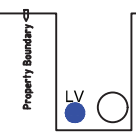
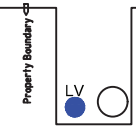
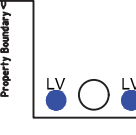
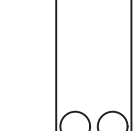
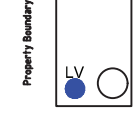
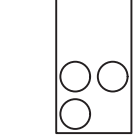
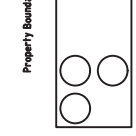
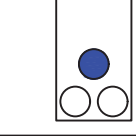
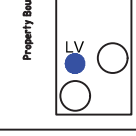
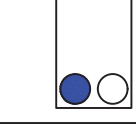
Examiner's Signature: _____

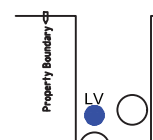
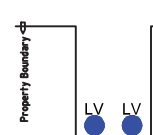
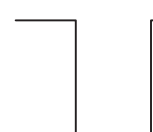
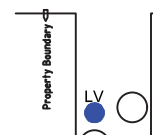
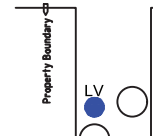
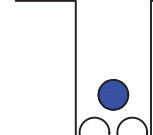
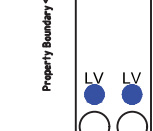
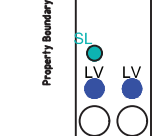
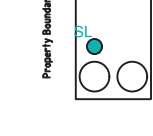
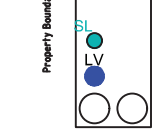
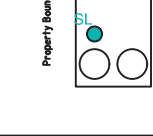
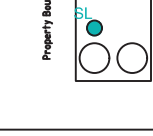
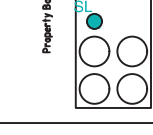
Print Name: _____

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

AMENDMENTS	ORIGINAL ISSUE	 powerlinedesign POWER LINE DESIGN PTY LTD PO BOX 338 Mittagong NSW 2575 Ph (02) 4872 1920 Fax (02) 4872 1240 Accredited Designer Number 2496 ABN: 33107 981 846	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:3867	 © THIS DRAWING COPYRIGHT THEREIN IS THE PROPERTY OF ENDEAVOUR ENERGY AND MAY NOT BE REPRODUCED, DISTRIBUTED, LOANED OR USED WITHOUT THE WRITTEN CONSENT OF ENDEAVOUR ENERGY	Reference Drawings		CAMS File Number.	URS26402	 Original Scale 1:1000	DO NOT SCALE Dimensions in meters MSA 56, GDA:2020	Richmond Road MARSDEN PARK URS26402 Newpark Precint 7 - Stage 7H Electrical Reticulation		A1 533863 A	SHEET No 10 OF 14 SHEETS								
	Date: Draft No. 01				533862	URS26402 Duct, Trench & Easement	AM Proj. Number.								HV Switching.		EE Depot	Kings Park	EE Region	Northern	HV Operating Diagram	Marsden Park

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
P7→P8	Cable Allocation - New LV Trenching 	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
P8→Q	Cable Allocation - New LV Trenching 	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q→R3	New Road Crossing 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q→Q1	Cable Allocation - New HV Trenching 	11m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q1→Q2	Cable Allocation - New HV Trenching 	13m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q2→Q3	Cable Allocation - New HV Trenching 	23m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q3→Q4	Cable Allocation - New HV Trenching 	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q4→Q5	Cable Allocation - New HV Trenching 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q8→Q9	Cable Allocation - New LV Trenching 	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Q0→P	Cable Allocation - New HV Trenching 	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R→R1	Cable Allocation - New HV Trenching 	2m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R1→R2	Cable Allocation - New HV Trenching 	25m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R2→R3	Cable Allocation - New HV Trenching 	10m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
R3→R5	Cable Allocation - New LV Trenching 	59m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R5→R6	Cable Allocation - New LV Trenching 	42m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R6→R7	Cable Allocation - New LV Trenching 	5m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R7→R8	Cable Allocation - New LV Trenching 	27m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R8→R9	Cable Allocation - New LV Trenching 	27m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
R9→S	Cable Allocation - New LV Trenching 	15m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S→U1	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S→S1	Cable Allocation - New LV Trenching 	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S2→U	New Road Crossing 	21m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S2→S3	Cable Allocation - New LV Trenching 	25m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S3→T5	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S3→S4	Cable Allocation - New LV Trenching 	32m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S4→T4	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

Duct Breakdown Table										
Route	Configuration	Route Length	Duct Re-Imbursement				Duct Usage Charge			
			No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)	No. of 50mm Ducts	Amount (@ \$8/m)	No. of 125mm Ducts	Amount (@ \$27/m)
S4 → S5	Cable Allocation - New LV Trenching 	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S5 → S6	Cable Allocation - New LV Trenching 	13m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S6 → T3	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S6 → S7	Cable Allocation - New LV Trenching 	20m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S7 → S8	Cable Allocation - New LV Trenching 	32m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S8 → T1	New Road Crossing 	16m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S8 → S9	Cable Allocation - New LV Trenching 	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
S9 → R	Cable Allocation - New LV Trenching 	8m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
T → T1	Cable Allocation - New LV Trenching 	30m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
T1 → T2	Cable Allocation - New LV Trenching 	18m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
T5 → T6	Cable Allocation - New LV Trenching 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
T6 → T7	Cable Allocation - New LV Trenching 	7m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
U5 → U7	Cable Allocation - New HV Trenching 	26m	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00	0	\$ 0.00
Sub Totals			0	\$ 0	0	\$ 0	0	\$ 0	0	\$ 0
Total			\$ 0				\$ 0			

WORK COMPLETED / FIELD BOOK

CONSTRUCTED BY **C.J. DOYLE CONTRACTING**

WORKS COMPLETED **CHRIS JOWETT**

SIGNATURE **C.JOWETT**..... DATE **14/01/26**.....

INSPECTED BY **GAV NIXON**

SIGNATURE DATE

ASSET RECORDING

I **STEVE FRIDAY**

OF **C.J. DOYLE CONTRACTING**

CONTACT No. **8794-1922**

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

SIGNATURE **STEVE FRIDAY**..... DATE **14/01/26**.....

Certified by Endeavour Energy

Amendment: _____

Date Approved: _____

Examiner's Signature: _____

Print Name: _____

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

Cadastre: © Land and Property Information 2016

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A	WAE SURVEY COORDINATE TABLE - GDA2020 <table> <tr> <th>NODE ID #</th><th>QUALITY LEVEL</th><th>ASSET TYPE</th><th>PROPERTY LINE</th><th>COVER</th><th>NOTES</th><th>EASTING</th><th>NORTHING</th><th>REDUCED/SURFACE LEVEL</th></tr> <tr><td>3</td><td>A</td><td>DUCT END</td><td>1.03</td><td>-0.75</td><td></td><td>295595.08</td><td>6269613.86</td><td>16.86</td></tr> <tr><td>4</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295594.24</td><td>6269613.90</td><td>16.68</td></tr> <tr><td>298</td><td>A</td><td>SPLAY ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295594.03</td><td>6269621.17</td><td>17.06</td></tr> <tr><td>299</td><td>A</td><td>ROUTE</td><td>0.86</td><td>-0.75</td><td></td><td>295602.29</td><td>6269629.46</td><td>17.21</td></tr> <tr><td>301</td><td>A</td><td>ROUTE</td><td>0.94</td><td>-0.75</td><td></td><td>295614.17</td><td>6269644.23</td><td>17.43</td></tr> <tr><td>303</td><td>A</td><td>ROUTE</td><td>0.99</td><td>-0.75</td><td></td><td>295626.00</td><td>6269663.46</td><td>17.40</td></tr> <tr><td>306</td><td>A</td><td>ROUTE</td><td>0.95</td><td>-0.75</td><td></td><td>295645.70</td><td>6269711.55</td><td>17.21</td></tr> <tr><td>309</td><td>A</td><td>ROUTE</td><td>1.01</td><td>-0.75</td><td></td><td>295657.88</td><td>6269736.16</td><td>17.07</td></tr> <tr><td>310</td><td>A</td><td>ROUTE</td><td>1.00</td><td>-0.75</td><td></td><td>295671.66</td><td>6269758.16</td><td>17.04</td></tr> <tr><td>312</td><td>A</td><td>SPLAY ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295696.23</td><td>6269797.06</td><td>17.40</td></tr> <tr><td>313</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295648.08</td><td>6269586.50</td><td>17.67</td></tr> <tr><td>314</td><td>A</td><td>DUCT END</td><td>1.01</td><td>-0.75</td><td></td><td>295648.53</td><td>6269586.15</td><td>17.84</td></tr> <tr><td>315</td><td>A</td><td>SPLAY ROUTE</td><td>0.77</td><td>-0.75</td><td></td><td>295657.43</td><td>6269582.18</td><td>18.29</td></tr> <tr><td>316</td><td>A</td><td>SPLAY ROUTE</td><td>0.86</td><td>-0.75</td><td></td><td>295664.51</td><td>6269584.68</td><td>18.53</td></tr> <tr><td>317</td><td>A</td><td>ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295671.70</td><td>6269601.18</td><td>18.50</td></tr> <tr><td>319</td><td>A</td><td>ROUTE</td><td>1.00</td><td>-0.75</td><td></td><td>295678.26</td><td>6269616.96</td><td>18.40</td></tr> <tr><td>320</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295682.00</td><td>6269626.08</td><td>17.69</td></tr> <tr><td>321</td><td>A</td><td>ROUTE</td><td>0.93</td><td>-0.75</td><td></td><td>295682.37</td><td>6269626.87</td><td>18.14</td></tr> <tr><td>323</td><td>A</td><td>ROUTE</td><td>0.94</td><td>-0.75</td><td></td><td>295690.78</td><td>6269646.85</td><td>18.19</td></tr> <tr><td>326</td><td>A</td><td>ROUTE</td><td>0.97</td><td>-0.75</td><td></td><td>295703.44</td><td>6269676.90</td><td>17.84</td></tr> <tr><td>327</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295707.16</td><td>6269686.01</td><td>17.33</td></tr> <tr><td>329</td><td>A</td><td>ROUTE</td><td>0.92</td><td>-0.75</td><td></td><td>295715.03</td><td>6269704.58</td><td>17.59</td></tr> <tr><td>331</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295717.67</td><td>6269710.90</td><td>17.16</td></tr> <tr><td>335</td><td>A</td><td>ROUTE</td><td>0.90</td><td>-0.75</td><td></td><td>295719.84</td><td>6269716.06</td><td>17.40</td></tr> <tr><td>337</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295731.49</td><td>6269743.87</td><td>16.83</td></tr> <tr><td>338</td><td>A</td><td>ROUTE</td><td>0.87</td><td>-0.75</td><td></td><td>295731.36</td><td>6269743.53</td><td>16.99</td></tr> <tr><td>339</td><td>A</td><td>SPLAY ROUTE</td><td>0.98</td><td>-0.75</td><td></td><td>295743.95</td><td>6269773.15</td><td>17.10</td></tr> <tr><td>340</td><td>A</td><td>DUCT END</td><td>0.88</td><td>-0.75</td><td></td><td>295741.32</td><td>6269780.21</td><td>17.20</td></tr> <tr><td>341</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295741.54</td><td>6269780.49</td><td>17.17</td></tr> <tr><td>342</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295741.38</td><td>6269780.79</td><td>17.02</td></tr> <tr><td>344</td><td>A</td><td>ROUTE</td><td>0.84</td><td>-0.75</td><td></td><td>295747.58</td><td>6269745.28</td><td>17.50</td></tr> <tr><td>345</td><td>A</td><td>ROUTE</td><td>0.71</td><td>-0.75</td><td></td><td>295747.02</td><td>6269743.55</td><td>17.32</td></tr> <tr><td>346</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295744.86</td><td>6269738.85</td><td>16.99</td></tr> <tr><td>347</td><td>A</td><td>ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295743.00</td><td>6269734.71</td><td>17.26</td></tr> <tr><td>350</td><td>A</td><td>ROUTE</td><td>0.86</td><td>-0.75</td><td></td><td>295735.50</td><td>6269716.59</td><td>17.47</td></tr> <tr><td>351</td><td>A</td><td>ROUTE</td><td>0.85</td><td>-0.75</td><td></td><td>295730.66</td><td>6269705.04</td><td>17.34</td></tr> <tr><td>352</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295730.58</td><td>6269704.97</td><td>17.25</td></tr> <tr><td>353</td><td>A</td><td>ROUTE</td><td>0.85</td><td>-0.75</td><td></td><td>295726.52</td><td>6269695.24</td><td>17.70</td></tr> <tr><td>355</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295718.97</td><td>6269677.31</td><td>17.48</td></tr> <tr><td>356</td><td>A</td><td>ROUTE</td><td>0.83</td><td>-0.75</td><td></td><td>295718.86</td><td>6269676.88</td><td>17.68</td></tr> <tr><td>357</td><td>A</td><td>ROUTE</td><td>0.84</td><td>-0.75</td><td></td><td>295712.37</td><td>6269661.53</td><td>18.02</td></tr> <tr><td>358</td><td>A</td><td>DUCT END</td><td>0.97</td><td>-0.75</td><td></td><td>295710.19</td><td>6269656.64</td><td>18.11</td></tr> <tr><td>359</td><td>A</td><td>ROUTE</td><td>0.78</td><td>-0.75</td><td></td><td>295706.30</td><td>6269647.02</td><td>18.31</td></tr> <tr><td>362</td><td>A</td><td>ROUTE</td><td>0.95</td><td>-0.75</td><td></td><td>295697.61</td><td>6269626.72</td><td>18.17</td></tr> <tr><td>363</td><td>A</td><td>ROUTE</td><td>0.84</td><td>-0.75</td><td></td><td>295693.83</td><td>6269617.46</td><td>17.85</td></tr> <tr><td>364</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295693.84</td><td>6269617.60</td><td>17.78</td></tr> <tr><td>365</td><td>A</td><td>ROUTE</td><td>0.78</td><td>-0.75</td><td></td><td>295689.81</td><td>6269607.82</td><td>18.35</td></tr> <tr><td>367</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295720.91</td><td>6269551.19</td><td>19.62</td></tr> <tr><td>368</td><td>A</td><td>DUCT END</td><td>0.76</td><td>-0.75</td><td></td><td>295721.35</td><td>6269551.30</td><td>19.66</td></tr> <tr><td>370</td><td>A</td><td>SPLAY ROUTE</td><td>0.87</td><td>-0.75</td><td></td><td>295728.49</td><td>6269553.68</td><td>19.92</td></tr> <tr><td>373</td><td>A</td><td>ROUTE</td><td>0.91</td><td>-0.75</td><td></td><td>295738.26</td><td>6269576.75</td><td>20.07</td></tr> <tr><td>375</td><td>A</td><td>ROUTE</td><td>0.87</td><td>-0.75</td><td></td><td>295749.69</td><td>6269603.96</td><td>19.47</td></tr> <tr><td>377</td><td>A</td><td>ROUTE</td><td>0.84</td><td>-0.75</td><td></td><td>295762.47</td><td>6269634.42</td><td>19.43</td></tr> <tr><td>379</td><td>A</td><td>ROUTE</td><td>0.92</td><td>-0.75</td><td></td><td>295771.14</td><td>6269654.88</td><td>19.08</td></tr> <tr><td>380</td><td>A</td><td>ROUTE</td><td>0.85</td><td>-0.75</td><td></td><td>295775.00</td><td>6269664.23</td><td>18.80</td></tr> <tr><td>382</td><td>A</td><td>ROUTE</td><td>0.94</td><td>-0.75</td><td></td><td>295783.04</td><td>6269683.10</td><td>18.75</td></tr> <tr><td>385</td><td>A</td><td>ROUTE</td><td>0.85</td><td>-0.75</td><td></td><td>295791.67</td><td>6269703.80</td><td>18.27</td></tr> <tr><td>387</td><td>A</td><td>ROUTE</td><td>0.90</td><td>-0.75</td><td></td><td>295799.40</td><td>6269722.08</td><td>18.19</td></tr> <tr><td>388</td><td>A</td><td>SPLAY ROUTE</td><td>0.99</td><td>-0.75</td><td></td><td>295807.83</td><td>6269742.02</td><td>18.11</td></tr> <tr><td>389</td><td>A</td><td>SPLAY ROUTE</td><td>0.95</td><td>-0.75</td><td></td><td>295805.01</td><td>6269749.63</td><td>17.84</td></tr> <tr><td>390</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295805.37</td><td>6269749.08</td><td>17.67</td></tr> <tr><td>395</td><td>A</td><td>ROUTE</td><td>0.89</td><td>-0.75</td><td></td><td>295784.26</td><td>6269759.90</td><td>17.58</td></tr> <tr><td>396</td><td>A</td><td>SPLAY ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295763.80</td><td>6269769.86</td><td>17.67</td></tr> <tr><td>397</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295763.46</td><td>6269770.00</td><td>17.17</td></tr> <tr><td>398</td><td>A</td><td>SPLAY ROUTE</td><td>0.68</td><td>-0.75</td><td></td><td>295757.53</td><td>6269767.21</td><td>17.49</td></tr> <tr><td>400</td><td>A</td><td>ROUTE</td><td>0.99</td><td>-0.75</td><td></td><td>295682.42</td><td>6269775.37</td><td>17.24</td></tr> <tr><td>403</td><td>A</td><td>ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295655.70</td><td>6269732.51</td><td>17.11</td></tr> <tr><td>404</td><td>A</td><td>ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295649.61</td><td>6269720.97</td><td>17.08</td></tr> <tr><td>407</td><td>A</td><td>ROUTE</td><td>1.03</td><td>-0.75</td><td></td><td>295634.21</td><td>6269681.71</td><td>17.35</td></tr> <tr><td>408</td><td>A</td><td>ROUTE</td><td>1.01</td><td>-0.75</td><td></td><td>295630.32</td><td>6269672.34</td><td>17.41</td></tr> <tr><td>409</td><td>A</td><td>ROUTE</td><td>1.01</td><td>-0.75</td><td></td><td>295619.81</td><td>6269652.76</td><td>17.44</td></tr> <tr><td>411</td><td>A</td><td>ROUTE</td><td>1.02</td><td>-0.75</td><td></td><td>295607.86</td><td>6269636.08</td><td>17.23</td></tr> <tr><td>414</td><td>A</td><td>ROUTE</td><td>0.93</td><td>-0.75</td><td></td><td>295737.63</td><td>6269798.37</td><td>17.25</td></tr> <tr><td>415</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295747.06</td><td>6269793.78</td><td>16.93</td></tr> <tr><td>419</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295762.78</td><td>6269598.38</td><td>19.40</td></tr> <tr><td>422</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295785.76</td><td>6269580.77</td><td>19.65</td></tr> <tr><td>424</td><td>A</td><td>SPLAY ROUTE</td><td>0.74</td><td>-0.75</td><td></td><td>295800.47</td><td>6269557.70</td><td>20.15</td></tr> <tr><td>425</td><td>A</td><td>ROUTE</td><td>0.79</td><td>-0.75</td><td></td><td>295780.58</td><td>6269567.37</td><td>19.68</td></tr> <tr><td>426</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295780.53</td><td>6269567.51</td><td>19.72</td></tr> <tr><td>428</td><td>A</td><td>SPLAY ROUTE</td><td>0.86</td><td>-0.75</td><td></td><td>295760.34</td><td>6269577.31</td><td>20.07</td></tr> <tr><td>429</td><td>A</td><td>SPLAY ROUTE</td><td>0.96</td><td>-0.75</td><td></td><td>295762.69</td><td>6269597.76</td><td>19.53</td></tr> <tr><td>430</td><td>A</td><td>SPLAY ROUTE</td><td>0.98</td><td>-0.75</td><td></td><td>295765.52</td><td>6269590.48</td><td>19.72</td></tr> <tr><td>432</td><td>A</td><td>ROUTE</td><td>0.90</td><td>-0.75</td><td></td><td>295790.56</td><td>6269578.42</td><td>19.97</td></tr> <tr><td>433</td><td>A</td><td>DUCT END</td><td>0.97</td><td>-0.75</td><td></td><td>295835.66</td><td>6269748.79</td><td>18.60</td></tr> <tr><td>435</td><td>A</td><td>ROUTE</td><td>0.90</td><td>-0.75</td><td></td><td>295813.91</td><td>6269761.00</td><td>18.06</td></tr> <tr><td>436</td><td>A</td><td>ROUTE</td><td>1.00</td><td>-0.75</td><td></td><td>295802.73</td><td>6269766.60</td><td>17.83</td></tr> <tr><td>439</td><td>A</td><td>ROUTE</td><td>0.95</td><td>-0.75</td><td></td><td>295775.83</td><td>6269779.78</td><td>17.61</td></tr> <tr><td>441</td><td>A</td><td>ROUTE</td><td>0.90</td><td>-0.75</td><td></td><td>295746.18</td><td>6269794.20</td><td>17.21</td></tr> <tr><td>448</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295711.43</td><td>6269810.30</td><td>16.74</td></tr> <tr><td>449</td><td>A</td><td>DUCT END</td><td>0.82</td><td>-0.75</td><td></td><td>295711.64</td><td>6269811.09</td><td>16.95</td></tr> <tr><td>450</td><td>A</td><td>SPLAY ROUTE</td><td>0.95</td><td>-0.75</td><td></td><td>295709.41</td><td>6269818.56</td><td>17.40</td></tr> <tr><td>451</td><td>A</td><td>ROUTE</td><td>0.91</td><td>-0.75</td><td></td><td>295721.61</td><td>6269837.99</td><td>17.21</td></tr> <tr><td>470</td><td>A</td><td>ROUTE</td><td>0.97</td><td>-0.75</td><td></td><td>295897.22</td><td>6269783.29</td><td>19.18</td></tr> <tr><td>472</td><td>A</td><td>ROUTE</td><td>0.87</td><td>-0.75</td><td></td><td>295888.29</td><td>6269788.16</td><td>19.02</td></tr> <tr><td>473</td><td>A</td><td>ROUTE</td><td>0.88</td><td>-0.75</td><td></td><td>295882.40</td><td>6269791.17</td><td>18.76</td></tr> <tr><td>474</td><td>A</td><td>DUCT CROSSING</td><td>NA</td><td>-0.75</td><td></td><td>295881.59</td><td>6269791.56</td><td>18.69</td></tr> <tr><td>475</td><td>A</td><td>ROUTE</td><td>0.81</td><td>-0.75</td><td></td><td>295876.79</td><td>6269793.78</td><td>19.04</td></tr> </table> 478 A ROUTE 0.76 -0.75 295859.37 6269802.19 18.75 479 A ROUTE 0.85 -0.75 295849.79 6269806.96 18.56 480 A DUCT CROSSING NA -0.75 295849.94 6269806.93 18.33 481 A ROUTE 0.81 -0.75 295838.63 6269812.33 18.34 484 A ROUTE 0.88 -0.75 295818.93 6269821.96 18.11 485 A ROUTE 0.93 -0.75 295810.22 6269826.28 17.96 486 A DUCT CROSSING NA -0.75 295809.54 6269826.57 17.62 487 A DUCT CROSSING NA -0.75 295789.13 6269836.46 17.23 488 A ROUTE 0.69 -0.75 295789.23 6269836.19 17.24 501 A DUCT CROSSING NA -0.75 295873.45 6269953.39 17.41 530 A DUCT CROSSING NA -0.75 295823.17 6270000.45 16.76 532 A DUCT CROSSING NA -0.75 295854.67 6270041.54 16.61 533 A DUCT END 0.93 -0.75 295873.10 6270079.95 17.27 534 A ROUTE 0.91 -0.75 295869.78 6270075.31 17.25 535 A SPLAY ROUTE 0.91 -0.75 295860.65 6270060.25 17.37 536 A SPLAY ROUTE 0.89 -0.75 295862.68 6270053.48 16.74 537 A DUCT CROSSING NA -0.75 295863.08 6270053.17 16.78 539 A DUCT END 0.98 -0.75 295879.78 6270045.00 17.27 540 A ROUTE 0.67 -0.75 295889.24 6270040.79 17.26 543 A ROUTE 0.75 -0.75 295918.14 6270026.60 17.61 544 A ROUTE 0.76 -0.75 295909.70 6270030.74 17.12 545 A DUCT CROSSING NA -0.75 295908.82 6270030.50 17.03 547 A ROUTE 0.68 -0.75 295936.37 6270017.82 17.71 548 A ROUTE 0.83 -0.75 295947.01 6270012.47 17.49 549 A DUCT CROSSING NA -0.75 295947.13 6270011.87 17.56 550 A ROUTE 0.82 -0.75 295956.29 6270007.98 17.85 552 A DUCT CROSSING NA -0.75 295974.08 6269998.79 17.58 553 A DUCT END 1.00 -0.75 295974.64 6269998.89 17.77 554 A SPLAY ROUTE 0.85 -0.75 295997.68 6269987.85 18.22 555 A SPLAY ROUTE 0.95 -0.75 296004.85 6269990.27 18.31 556 A DUCT END 0.87 -0.75 296005.81 6269992.23 18.31 557 A DUCT CROSSING NA -0.75 295809.86 6269978.87 16.43 559 A DUCT CROSSING NA -0.75 295784.87 6269938.94 16.71 560 A ROUTE 0.89 -0.75 295797.14 6269958.97 17.06 562 A ROUTE 0.94 -0.75 295771.60 6269845.05 17.23 563 A DUCT END 0.95 -0.75 295762.30 6269849.59 17.06 565 A SPLAY ROUTE 1.03 -0.75 295741.50 6269859.71 16.85 566 A DUCT END 0.90 -0.75 295738.37 6269858.72 16.89 567 A SPLAY ROUTE 0.95 -0.75 295733.71 6269857.33 17.11 570 A DUCT END 1.03 -0.75 295748.78 6269872.72 16.59 571 A SPLAY ROUTE	NODE ID #	QUALITY LEVEL	ASSET TYPE	PROPERTY LINE	COVER	NOTES	EASTING	NORTHING	REDUCED/SURFACE LEVEL	3	A	DUCT END	1.03	-0.75		295595.08	6269613.86	16.86	4	A	DUCT CROSSING	NA	-0.75		295594.24	6269613.90	16.68	298	A	SPLAY ROUTE	1.02	-0.75		295594.03	6269621.17	17.06	299	A	ROUTE	0.86	-0.75		295602.29	6269629.46	17.21	301	A	ROUTE	0.94	-0.75		295614.17	6269644.23	17.43	303	A	ROUTE	0.99	-0.75		295626.00	6269663.46	17.40	306	A	ROUTE	0.95	-0.75		295645.70	6269711.55	17.21	309	A	ROUTE	1.01	-0.75		295657.88	6269736.16	17.07	310	A	ROUTE	1.00	-0.75		295671.66	6269758.16	17.04	312	A	SPLAY ROUTE	1.02	-0.75		295696.23	6269797.06	17.40	313	A	DUCT CROSSING	NA	-0.75		295648.08	6269586.50	17.67	314	A	DUCT END	1.01	-0.75		295648.53	6269586.15	17.84	315	A	SPLAY ROUTE	0.77	-0.75		295657.43	6269582.18	18.29	316	A	SPLAY ROUTE	0.86	-0.75		295664.51	6269584.68	18.53	317	A	ROUTE	1.02	-0.75		295671.70	6269601.18	18.50	319	A	ROUTE	1.00	-0.75		295678.26	6269616.96	18.40	320	A	DUCT CROSSING	NA	-0.75		295682.00	6269626.08	17.69	321	A	ROUTE	0.93	-0.75		295682.37	6269626.87	18.14	323	A	ROUTE	0.94	-0.75		295690.78	6269646.85	18.19	326	A	ROUTE	0.97	-0.75		295703.44	6269676.90	17.84	327	A	DUCT CROSSING	NA	-0.75		295707.16	6269686.01	17.33	329	A	ROUTE	0.92	-0.75		295715.03	6269704.58	17.59	331	A	DUCT CROSSING	NA	-0.75		295717.67	6269710.90	17.16	335	A	ROUTE	0.90	-0.75		295719.84	6269716.06	17.40	337	A	DUCT CROSSING	NA	-0.75		295731.49	6269743.87	16.83	338	A	ROUTE	0.87	-0.75		295731.36	6269743.53	16.99	339	A	SPLAY ROUTE	0.98	-0.75		295743.95	6269773.15	17.10	340	A	DUCT END	0.88	-0.75		295741.32	6269780.21	17.20	341	A	DUCT CROSSING	NA	-0.75		295741.54	6269780.49	17.17	342	A	DUCT CROSSING	NA	-0.75		295741.38	6269780.79	17.02	344	A	ROUTE	0.84	-0.75		295747.58	6269745.28	17.50	345	A	ROUTE	0.71	-0.75		295747.02	6269743.55	17.32	346	A	DUCT CROSSING	NA	-0.75		295744.86	6269738.85	16.99	347	A	ROUTE	1.02	-0.75		295743.00	6269734.71	17.26	350	A	ROUTE	0.86	-0.75		295735.50	6269716.59	17.47	351	A	ROUTE	0.85	-0.75		295730.66	6269705.04	17.34	352	A	DUCT CROSSING	NA	-0.75		295730.58	6269704.97	17.25	353	A	ROUTE	0.85	-0.75		295726.52	6269695.24	17.70	355	A	DUCT CROSSING	NA	-0.75		295718.97	6269677.31	17.48	356	A	ROUTE	0.83	-0.75		295718.86	6269676.88	17.68	357	A	ROUTE	0.84	-0.75		295712.37	6269661.53	18.02	358	A	DUCT END	0.97	-0.75		295710.19	6269656.64	18.11	359	A	ROUTE	0.78	-0.75		295706.30	6269647.02	18.31	362	A	ROUTE	0.95	-0.75		295697.61	6269626.72	18.17	363	A	ROUTE	0.84	-0.75		295693.83	6269617.46	17.85	364	A	DUCT CROSSING	NA	-0.75		295693.84	6269617.60	17.78	365	A	ROUTE	0.78	-0.75		295689.81	6269607.82	18.35	367	A	DUCT CROSSING	NA	-0.75		295720.91	6269551.19	19.62	368	A	DUCT END	0.76	-0.75		295721.35	6269551.30	19.66	370	A	SPLAY ROUTE	0.87	-0.75		295728.49	6269553.68	19.92	373	A	ROUTE	0.91	-0.75		295738.26	6269576.75	20.07	375	A	ROUTE	0.87	-0.75		295749.69	6269603.96	19.47	377	A	ROUTE	0.84	-0.75		295762.47	6269634.42	19.43	379	A	ROUTE	0.92	-0.75		295771.14	6269654.88	19.08	380	A	ROUTE	0.85	-0.75		295775.00	6269664.23	18.80	382	A	ROUTE	0.94	-0.75		295783.04	6269683.10	18.75	385	A	ROUTE	0.85	-0.75		295791.67	6269703.80	18.27	387	A	ROUTE	0.90	-0.75		295799.40	6269722.08	18.19	388	A	SPLAY ROUTE	0.99	-0.75		295807.83	6269742.02	18.11	389	A	SPLAY ROUTE	0.95	-0.75		295805.01	6269749.63	17.84	390	A	DUCT CROSSING	NA	-0.75		295805.37	6269749.08	17.67	395	A	ROUTE	0.89	-0.75		295784.26	6269759.90	17.58	396	A	SPLAY ROUTE	1.02	-0.75		295763.80	6269769.86	17.67	397	A	DUCT CROSSING	NA	-0.75		295763.46	6269770.00	17.17	398	A	SPLAY ROUTE	0.68	-0.75		295757.53	6269767.21	17.49	400	A	ROUTE	0.99	-0.75		295682.42	6269775.37	17.24	403	A	ROUTE	1.02	-0.75		295655.70	6269732.51	17.11	404	A	ROUTE	1.02	-0.75		295649.61	6269720.97	17.08	407	A	ROUTE	1.03	-0.75		295634.21	6269681.71	17.35	408	A	ROUTE	1.01	-0.75		295630.32	6269672.34	17.41	409	A	ROUTE	1.01	-0.75		295619.81	6269652.76	17.44	411	A	ROUTE	1.02	-0.75		295607.86	6269636.08	17.23	414	A	ROUTE	0.93	-0.75		295737.63	6269798.37	17.25	415	A	DUCT CROSSING	NA	-0.75		295747.06	6269793.78	16.93	419	A	DUCT CROSSING	NA	-0.75		295762.78	6269598.38	19.40	422	A	DUCT CROSSING	NA	-0.75		295785.76	6269580.77	19.65	424	A	SPLAY ROUTE	0.74	-0.75		295800.47	6269557.70	20.15	425	A	ROUTE	0.79	-0.75		295780.58	6269567.37	19.68	426	A	DUCT CROSSING	NA	-0.75		295780.53	6269567.51	19.72	428	A	SPLAY ROUTE	0.86	-0.75		295760.34	6269577.31	20.07	429	A	SPLAY ROUTE	0.96	-0.75		295762.69	6269597.76	19.53	430	A	SPLAY ROUTE	0.98	-0.75		295765.52	6269590.48	19.72	432	A	ROUTE	0.90	-0.75		295790.56	6269578.42	19.97	433	A	DUCT END	0.97	-0.75		295835.66	6269748.79	18.60	435	A	ROUTE	0.90	-0.75		295813.91	6269761.00	18.06	436	A	ROUTE	1.00	-0.75		295802.73	6269766.60	17.83	439	A	ROUTE	0.95	-0.75		295775.83	6269779.78	17.61	441	A	ROUTE	0.90	-0.75		295746.18	6269794.20	17.21	448	A	DUCT CROSSING	NA	-0.75		295711.43	6269810.30	16.74	449	A	DUCT END	0.82	-0.75		295711.64	6269811.09	16.95	450	A	SPLAY ROUTE	0.95	-0.75		295709.41	6269818.56	17.40	451	A	ROUTE	0.91	-0.75		295721.61	6269837.99	17.21	470	A	ROUTE	0.97	-0.75		295897.22	6269783.29	19.18	472	A	ROUTE	0.87	-0.75		295888.29	6269788.16	19.02	473	A	ROUTE	0.88	-0.75		295882.40	6269791.17	18.76	474	A	DUCT CROSSING	NA	-0.75		295881.59	6269791.56	18.69	475	A	ROUTE	0.81	-0.75		295876.79	6269793.78	19.04
NODE ID #	QUALITY LEVEL	ASSET TYPE	PROPERTY LINE	COVER	NOTES	EASTING	NORTHING	REDUCED/SURFACE LEVEL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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4	A	DUCT CROSSING	NA	-0.75		295594.24	6269613.90	16.68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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303	A	ROUTE	0.99	-0.75		295626.00	6269663.46	17.40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
306	A	ROUTE	0.95	-0.75		295645.70	6269711.55	17.21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
309	A	ROUTE	1.01	-0.75		295657.88	6269736.16	17.07																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
310	A	ROUTE	1.00	-0.75		295671.66	6269758.16	17.04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
312	A	SPLAY ROUTE	1.02	-0.75		295696.23	6269797.06	17.40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
313	A	DUCT CROSSING	NA	-0.75		295648.08	6269586.50	17.67																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
314	A	DUCT END	1.01	-0.75		295648.53	6269586.15	17.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
315	A	SPLAY ROUTE	0.77	-0.75		295657.43	6269582.18	18.29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
316	A	SPLAY ROUTE	0.86	-0.75		295664.51	6269584.68	18.53																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
317	A	ROUTE	1.02	-0.75		295671.70	6269601.18	18.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
319	A	ROUTE	1.00	-0.75		295678.26	6269616.96	18.40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
320	A	DUCT CROSSING	NA	-0.75		295682.00	6269626.08	17.69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
321	A	ROUTE	0.93	-0.75		295682.37	6269626.87	18.14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
323	A	ROUTE	0.94	-0.75		295690.78	6269646.85	18.19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
326	A	ROUTE	0.97	-0.75		295703.44	6269676.90	17.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
327	A	DUCT CROSSING	NA	-0.75		295707.16	6269686.01	17.33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
329	A	ROUTE	0.92	-0.75		295715.03	6269704.58	17.59																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
331	A	DUCT CROSSING	NA	-0.75		295717.67	6269710.90	17.16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
335	A	ROUTE	0.90	-0.75		295719.84	6269716.06	17.40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
337	A	DUCT CROSSING	NA	-0.75		295731.49	6269743.87	16.83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
338	A	ROUTE	0.87	-0.75		295731.36	6269743.53	16.99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
339	A	SPLAY ROUTE	0.98	-0.75		295743.95	6269773.15	17.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
340	A	DUCT END	0.88	-0.75		295741.32	6269780.21	17.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
341	A	DUCT CROSSING	NA	-0.75		295741.54	6269780.49	17.17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
342	A	DUCT CROSSING	NA	-0.75		295741.38	6269780.79	17.02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
344	A	ROUTE	0.84	-0.75		295747.58	6269745.28	17.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
345	A	ROUTE	0.71	-0.75		295747.02	6269743.55	17.32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
346	A	DUCT CROSSING	NA	-0.75		295744.86	6269738.85	16.99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
347	A	ROUTE	1.02	-0.75		295743.00	6269734.71	17.26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
350	A	ROUTE	0.86	-0.75		295735.50	6269716.59	17.47																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
351	A	ROUTE	0.85	-0.75		295730.66	6269705.04	17.34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
352	A	DUCT CROSSING	NA	-0.75		295730.58	6269704.97	17.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
353	A	ROUTE	0.85	-0.75		295726.52	6269695.24	17.70																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
355	A	DUCT CROSSING	NA	-0.75		295718.97	6269677.31	17.48																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
356	A	ROUTE	0.83	-0.75		295718.86	6269676.88	17.68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
357	A	ROUTE	0.84	-0.75		295712.37	6269661.53	18.02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
358	A	DUCT END	0.97	-0.75		295710.19	6269656.64	18.11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
359	A	ROUTE	0.78	-0.75		295706.30	6269647.02	18.31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
362	A	ROUTE	0.95	-0.75		295697.61	6269626.72	18.17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
363	A	ROUTE	0.84	-0.75		295693.83	6269617.46	17.85																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
364	A	DUCT CROSSING	NA	-0.75		295693.84	6269617.60	17.78																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
365	A	ROUTE	0.78	-0.75		295689.81	6269607.82	18.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
367	A	DUCT CROSSING	NA	-0.75		295720.91	6269551.19	19.62																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
368	A	DUCT END	0.76	-0.75		295721.35	6269551.30	19.66																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
370	A	SPLAY ROUTE	0.87	-0.75		295728.49	6269553.68	19.92																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
373	A	ROUTE	0.91	-0.75		295738.26	6269576.75	20.07																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
375	A	ROUTE	0.87	-0.75		295749.69	6269603.96	19.47																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
377	A	ROUTE	0.84	-0.75		295762.47	6269634.42	19.43																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
379	A	ROUTE	0.92	-0.75		295771.14	6269654.88	19.08																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
380	A	ROUTE	0.85	-0.75		295775.00	6269664.23	18.80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
382	A	ROUTE	0.94	-0.75		295783.04	6269683.10	18.75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
385	A	ROUTE	0.85	-0.75		295791.67	6269703.80	18.27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
387	A	ROUTE	0.90	-0.75		295799.40	6269722.08	18.19																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
388	A	SPLAY ROUTE	0.99	-0.75		295807.83	6269742.02	18.11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
389	A	SPLAY ROUTE	0.95	-0.75		295805.01	6269749.63	17.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
390	A	DUCT CROSSING	NA	-0.75		295805.37	6269749.08	17.67																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
395	A	ROUTE	0.89	-0.75		295784.26	6269759.90	17.58																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
396	A	SPLAY ROUTE	1.02	-0.75		295763.80	6269769.86	17.67																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
397	A	DUCT CROSSING	NA	-0.75		295763.46	6269770.00	17.17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
398	A	SPLAY ROUTE	0.68	-0.75		295757.53	6269767.21	17.49																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
400	A	ROUTE	0.99	-0.75		295682.42	6269775.37	17.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
403	A	ROUTE	1.02	-0.75		295655.70	6269732.51	17.11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
404	A	ROUTE	1.02	-0.75		295649.61	6269720.97	17.08																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
407	A	ROUTE	1.03	-0.75		295634.21	6269681.71	17.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
408	A	ROUTE	1.01	-0.75		295630.32	6269672.34	17.41																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
409	A	ROUTE	1.01	-0.75		295619.81	6269652.76	17.44																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
411	A	ROUTE	1.02	-0.75		295607.86	6269636.08	17.23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
414	A	ROUTE	0.93	-0.75		295737.63	6269798.37	17.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
415	A	DUCT CROSSING	NA	-0.75		295747.06	6269793.78	16.93																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
419	A	DUCT CROSSING	NA	-0.75		295762.78	6269598.38	19.40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
422	A	DUCT CROSSING	NA	-0.75		295785.76	6269580.77	19.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
424	A	SPLAY ROUTE	0.74	-0.75		295800.47	6269557.70	20.15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
425	A	ROUTE	0.79	-0.75		295780.58	6269567.37	19.68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
426	A	DUCT CROSSING	NA	-0.75		295780.53	6269567.51	19.72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
428	A	SPLAY ROUTE	0.86	-0.75		295760.34	6269577.31	20.07																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
429	A	SPLAY ROUTE	0.96	-0.75		295762.69	6269597.76	19.53																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
430	A	SPLAY ROUTE	0.98	-0.75		295765.52	6269590.48	19.72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
432	A	ROUTE	0.90	-0.75		295790.56	6269578.42	19.97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
433	A	DUCT END	0.97	-0.75		295835.66	6269748.79	18.60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
435	A	ROUTE	0.90	-0.75		295813.91	6269761.00	18.06																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
436	A	ROUTE	1.00	-0.75		295802.73	6269766.60	17.83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
439	A	ROUTE	0.95	-0.75		295775.83	6269779.78	17.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
441	A	ROUTE	0.90	-0.75		295746.18	6269794.20	17.21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
448	A	DUCT CROSSING	NA	-0.75		295711.43	6269810.30	16.74																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
449	A	DUCT END	0.82	-0.75		295711.64	6269811.09	16.95																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
450	A	SPLAY ROUTE	0.95	-0.75		295709.41	6269818.56	17.40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
451	A	ROUTE	0.91	-0.75		295721.61	6269837.99	17.21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
470	A	ROUTE	0.97	-0.75		295897.22	6269783.29	19.18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
472	A	ROUTE	0.87	-0.75		295888.29	6269788.16	19.02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
473	A	ROUTE	0.88	-0.75		295882.40	6269791.17	18.76																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
474	A	DUCT CROSSING	NA	-0.75		295881.59	6269791.56	18.69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
475	A	ROUTE	0.81	-0.75		295876.79	6269793.78	19.04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

