

HV. TRENCH LENGTH	225m
LV. TRENCH LENGTH	640m
TOTAL TRENCH LENGTH	865m

WARNING
LIVE ENDEAVOUR ENERGY CABLES AND OTHER SERVICES EXIST IN THIS AREA.
PLEASE CONTACT - DIAL BEFORE YOU DIG' ON TEL-1100 FOR SEARCH INFORMATION A MINIMUM TWO DAYS PRIOR TO EXCAVATION

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ENDEAVOUR ENERGY NETWORK STANDARDS & CONNECTION POLICY.
 - REFER TELSTRANBN DESIGN LAYOUT FOR DUCTING AND EXCAVATION REQUIREMENTS.
 - ATTENTION - PERMANENT SURVEY MARKS MAY EXIST IN THIS AREA. THESE ARE TO BE LOCATED BY A SURVEYOR PRIOR TO THE COMMENCEMENT OF WORK.
 - WARNING - LIVE ENDEAVOUR ENERGY CABLES AND OTHER SERVICES IN THIS AREA. PLEASE CONTACT - DIAL BEFORE YOU DIG' ON TEL-1100 FOR SEARCHES A MINIMUM TWO DAYS PRIOR TO EXCAVATION.
 - ALL THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION AUTHORITY POLLUTION CONTROL LEGISLATION IS TO BE STRICTLY ADHERED TO.
 - THE DEVELOPER SHALL PROVIDE UNRESTRICTED 24/7 ACCESS FOR ENDEAVOUR ENERGY STAFF AND VEHICLES.

ALL WORKS TO BE CONSTRUCTED ARE TO BE COMPLETED IN ACCORDANCE WITH ENDEAVOUR ENERGY'S GENERIC ENVIRONMENTAL PLAN - EMS 0001.

ALL SL. COLUMNS ARE TO BE INSTALLED 350mm FROM THE FRONT PROPERTY BOUNDARIES UNLESS SHOWN OTHERWISE.

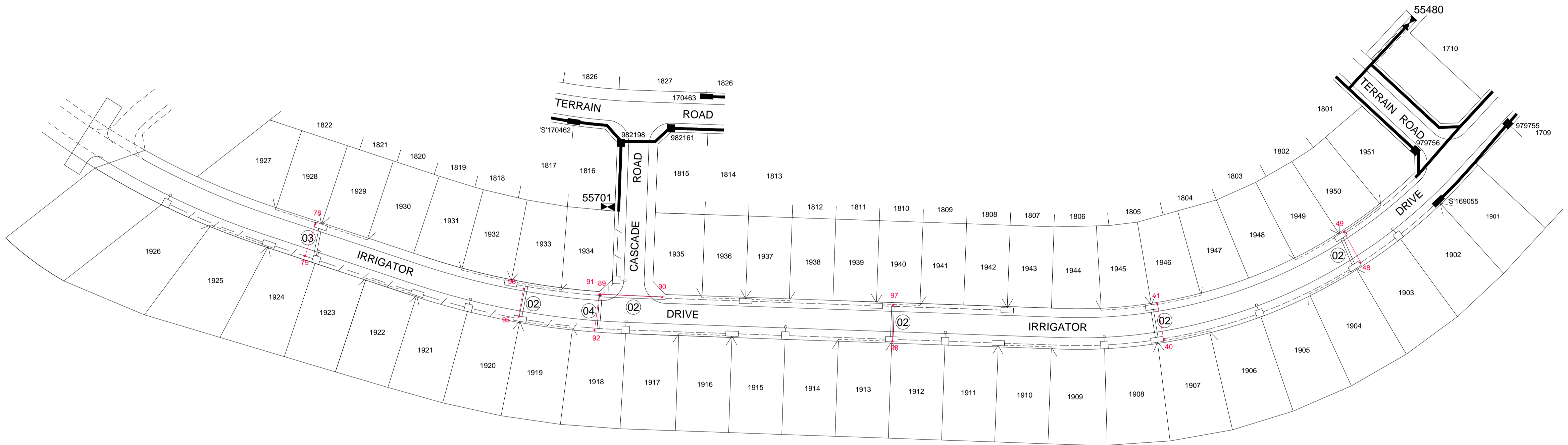
AHIP No. C0002175 APPLIES TO THIS PROJECT. LEVEL 1 ASP TO READ & FAMILIARISE HIMSELF WITH THE REQUIREMENTS OF THE DOCUMENT PRIOR TO THE COMMENCEMENT OF PROPOSED WORKS.

BEWARE - EX. HV. & LV. CABLES IN THIS AREA.

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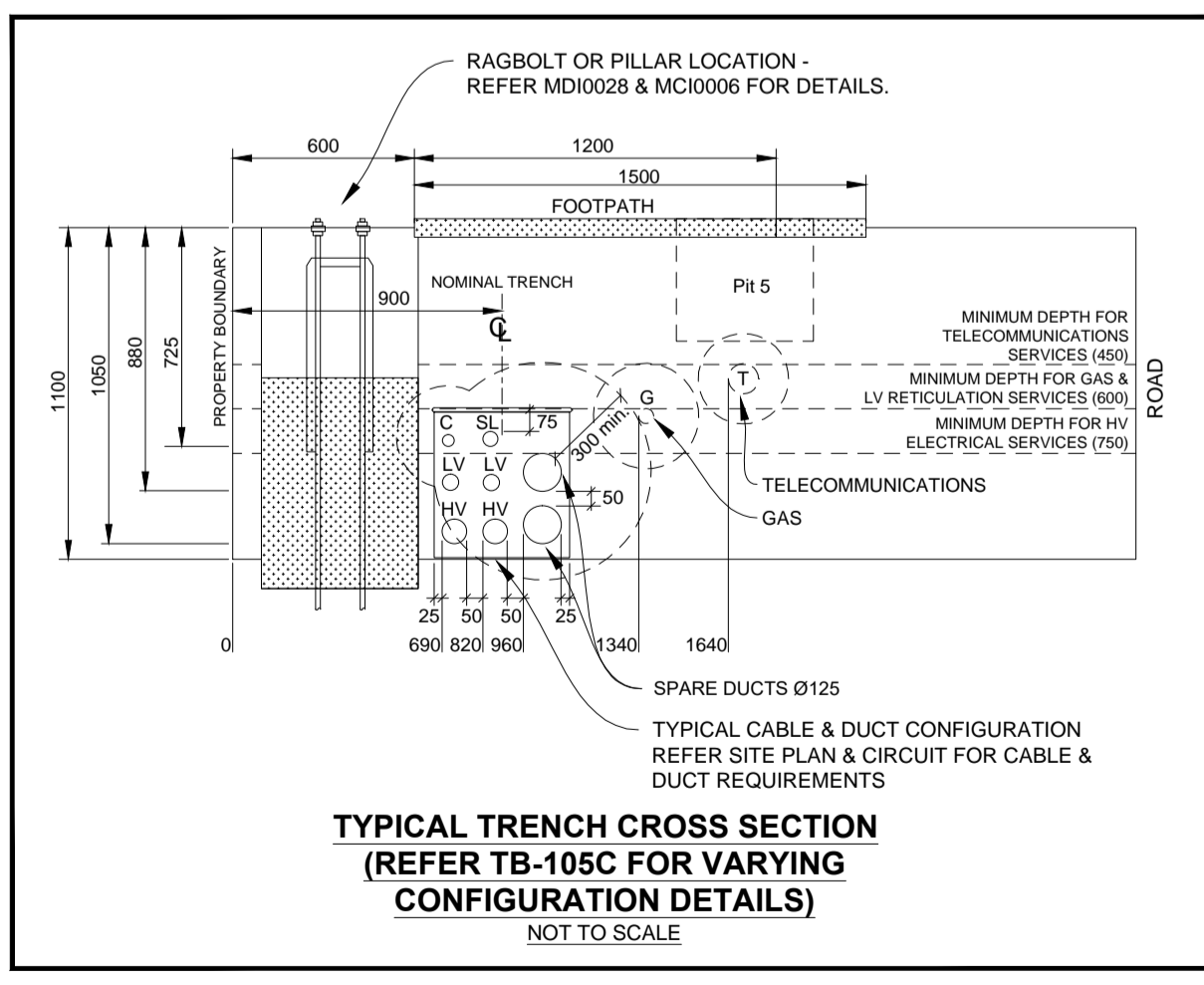
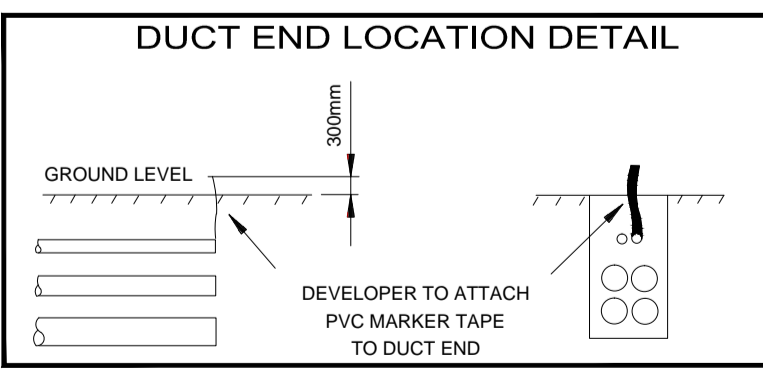
LEGEND

- EXISTING PADMOUNT SUBSTATION
- PROPOSED LV PILLAR LOCATION
- EXISTING LV PILLAR LOCATION
- PROPOSED S.L. COLUMN LOCATION
- EXISTING S.L. COLUMN LOCATION
- HV CABLE TRENCH
- LV CABLE TRENCH
- EXISTING UNDERGROUND CABLE
- INSTALL 40mm PVC SERVICE CONDUIT
- EXISTING SERVICE CONDUIT
- PROPOSED DUCT LOCATIONS
- EXISTING DUCT LOCATIONS
- DUCT CONFIGURATION - REFER MCI 0006 SECTION 4



CERTIFIED BY ENDEAVOUR ENERGY
AMENDMENT: E
DATE APPROVED: 08/06/2022
EXAMINER'S SIGNATURE: Vishal Chavan
PRINT NAME: Vishal Chavan
THIS CERTIFICATION IS ISSUED SUBJECT TO ENDEAVOUR ENERGY'S STANDARD CERT. TERMS.

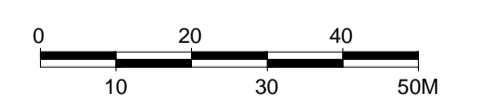
DUCT DECLARATION
LUKE KINNELL
OF LINDSAY CIVIL PTY LTD
CONTACT NUMBER: 02 4648 1273
HEREBY CERTIFY THAT THE DUCTS SHOWN ON THIS DRAWING HAVE BEEN INSTALLED IN ACCORDANCE WITH THIS DRAWING AND ENDEAVOUR ENERGY STANDARDS MDI 0028 & MCI 0006. THE DUCT DEPTHS AND LOCATIONS AT EACH END HAVE BEEN CORRECTLY MARKED ON THIS DRAWING AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.
THE INSTALLATION OF THE DUCTS WAS COMPLETED ON 22.7.2022
COMPLETED ON 5.8.2022
SIGNATURE: LUKE KINNELL
DATE: 16.11.2022
DEVELOPER COMPETENT PERSON



WAE SURVEY COORDINATE TABLE

ID	EASTING	NORTHING	AHD HEIGHT	QUAL LVL	ASSET	PROP LINE	COVER
40	286606.632	6281023.867	66.307	A	RCDE	0.8	1.1
41	286604.111	6281038.011	66.487	A	RCDE	0.8	1.1
48	286684.216	6281054.263	60.564	A	RCDE	0.8	1.1
49	286677.751	6281066.282	60.373	A	RCDE	0.8	1.1
78	286272.262	6281069.382	73.031	A	RCDE	0.8	1.1
79	286268.088	6281056.796	73.063	A	RCDE	0.8	0.9
89	286384.546	6281041.731	69.153	A	RCDE	0.8	0.9
90	286409.023	6281040.607	68.339	A	RCDE	0.8	1.1
91	286384.124	6281041.684	69.385	A	RCDE	0.8	1.1
92	286382.281	6281027.582	69.555	A	RCDE	0.8	1.1
95	286352.347	6281032.919	71.288	A	RCDE	0.8	1.1
96	286354.364	6281044.01	71.074	A	RCDE	0.8	0.9
97	286499.912	6281037.489	71.216	A	RCDE	0.8	0.9
98	286499.752	6281023.272	71.252	A	RCDE	0.8	1.1

DESIGN COMPLIANCE AND INDEMNITY
This design complies with the Endeavour Energy's relevant standards as current at this time and 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 0001 : Design Drawing Standard
MMI : Mains Maintenance Instruction
SMI : Substation Maintenance Instruction
LDI 0001 : Public Lighting Electrical Design Element
Additionally, where relevant, the design complies with AS/NZS 7000 'Overhead Line Design - Detailed Procedures' published by the Australian Standards.
ESTATE POWER DESIGN (Company name) indemnifies Endeavour Energy for any loss or damage resulting from non-compliance of the design with the above standards.
Signed: BRIAN JUDE
Name: BRIAN JUDE
Service Provider Number: 1033 Date: 31 / 05 / 2022



EPD REFERENCE No. 10/233/RT2D
Endeavour Energy
A1 522892 B
SHEET No. 1 OF 3 SHEETS

Cadastr: © Land and Property Information 2016
ESTATE POWER DESIGN PTY LIMITED
ABN 69 002 331 142
ELECTRICAL RETICULATION CONSULTANTS
P.O. BOX 1872, PENRITH BC, 2751
TEL:(02) 4731-8333 FAX (02) 4731-1594
EMAIL: brian@estatepower.com.au
EPD 5.20

AMENDMENTS	ISSUE ORIGINAL	DATE	BY	REASON	REFERENCE DRAWING'S	WORK ORDERS	CAMS File No.	URS 24654	ORIGINAL SCALE	DO NOT SCALE	'RIDGETOPS' STAGE 2 NORTH RICHMOND URS 24654 DUCT & TRENCH REQUIREMENTS
A	31/05/22	B.J.	DRWN	CERT. PERIOD Lapsed. LODGE FOR RE-CERTIFICATION.	522893	ELECTRICAL RETICULATION	EE DEPOT	WINDSOR	1:1000	DIMENSIONS IN METRES	
B	31/05/22	B.J.	CHK'D			GENERAL	EE REGION	NORTHERN	DATE	DESIGN	
			DRWN			OVERHEAD	HV OP DIAG	NORTH RICHMOND	CHD	B.J.	
			DRWN			UNDERGROUND	LOCAL GOV AREA	HAWKESBURY			
			DRWN			SUBSTATIONS					