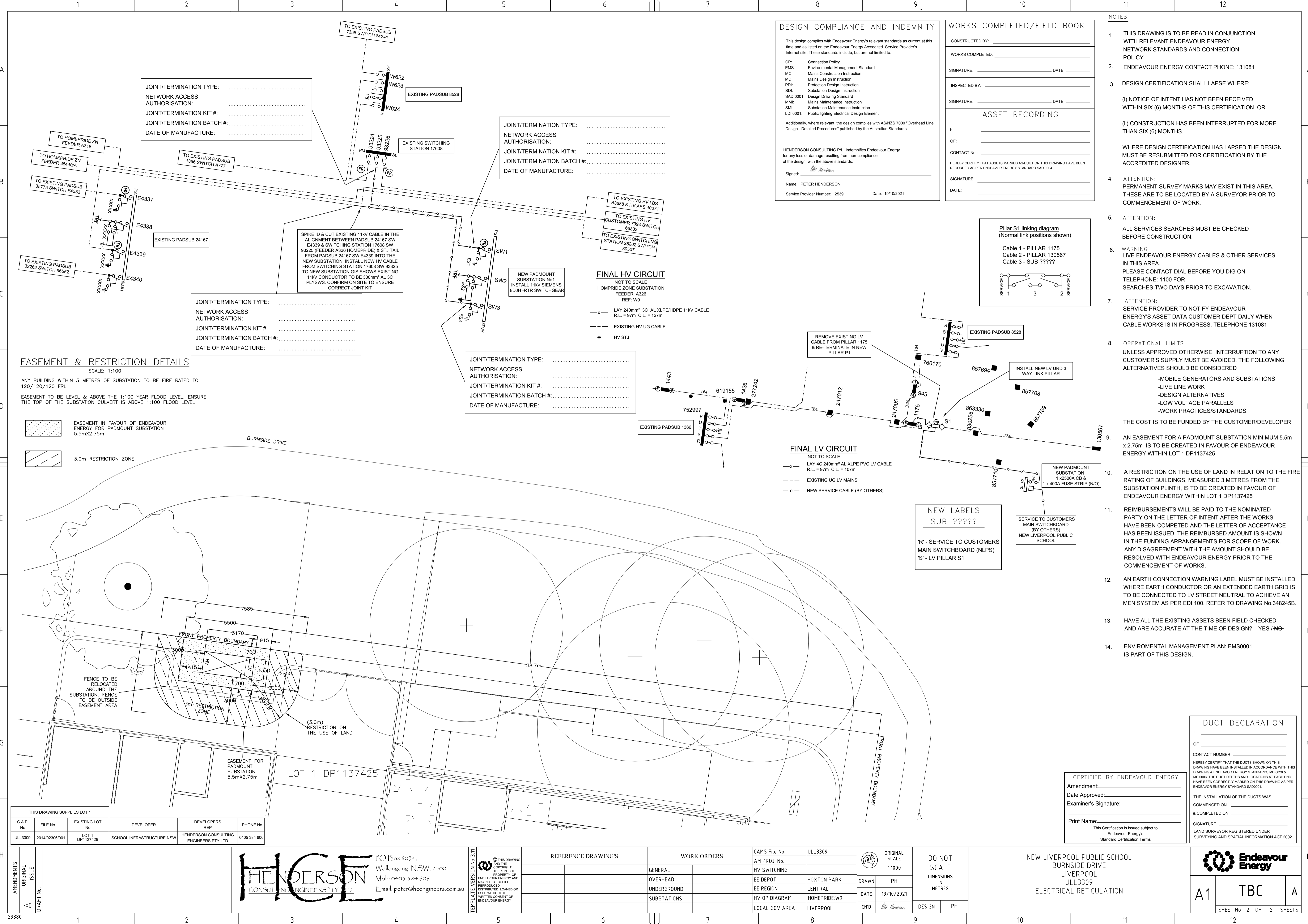


11	12
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THIS DRAWING SUPPLIES LOT 1					
C.A.P. No	FILE No	EXISTING LOT No	DEVELOPER	DEVELOPERS REP	PHONE No
ULL3309	2014/02306/001	LOT 1 DP1137425	SCHOOL INFRASTRUCTURE NSW	HENDERSON CONSULTING ENGINEERS PTY LTD	0405 384 606

AMENDMENTS

ORIGINAL ISSUE

DRAFT No.

HENDERSON

CONSULTING ENGINEERS PTY LTD

PO Box 6034,
Wollongong, NSW, 2500
Mob: 0405 384 606
E-mail: peter@hceengineers.com.au

REFERENCE DRAWING'S		WORK ORDERS		CAMS File No.	ULL3309	ORIGINAL SCALE 1:1000	DO NOT SCALE DIMENSIONS IN METRES		NEW LIVERPOOL PUBLIC SCHOOL BURNSIDE DRIVE LIVERPOOL ULL3309 ELECTRICAL RETICULATION			A1	TBC		A
		GENERAL		AM PROJ. No.											
		OVERHEAD		HV SWITCHING		DRAWN	PH								
		UNDERGROUND		EE DEPOT	HOXTON PARK	DATE	19/10/2021								
		SUBSTATIONS		EE REGION	CENTRAL	CH'D	Peter Henderson	DESIGN	PH						
				HV OP DIAGRAM	HOMEPRIDE.W9										
				LOCAL GOV AREA	LIVERPOOL										

DESIGN COMPLIANCE AND INDEMNITY

This design complies with 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:

GP: 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

HENDERSON CONSULTING P/L indemnifies Endeavour Energy for any loss or damage resulting from non-compliance of the design with the above standards.

Signed: *Peter Henderson*
Name: PETER HENDERSON
Service Provider Number: 2539 Date: 19/10/2021

WORKS COMPLETED/FIELD BOOK

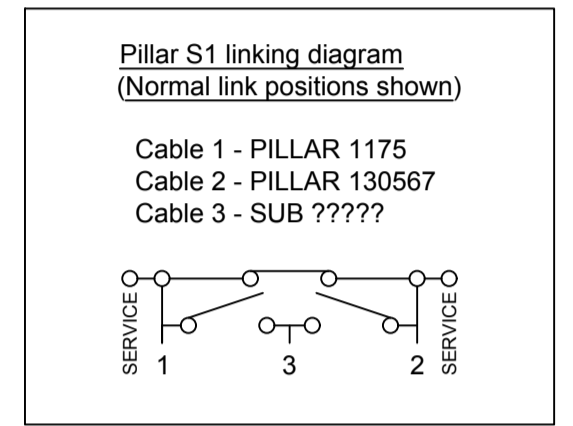
CONSTRUCTED BY: _____
WORKS COMPLETED: _____
SIGNATURE: _____ DATE: _____
INSPECTED BY: _____
SIGNATURE: _____ DATE: _____

ASSET RECORDING

I: _____
OF: _____
CONTACT No.: _____
HEREBY CERTIFY THAT ASSETS MARKED AS BUILT ON THIS DRAWING HAVE BEEN RECORDED AS PER ENDEAVOUR ENERGY STANDARD SAD 0004.

SIGNATURE: _____
DATE: _____

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ENDEAVOUR ENERGY NETWORK STANDARDS AND CONNECTION POLICY
 - ENDEAVOUR ENERGY CONTACT PHONE: 131081
 - DESIGN CERTIFICATION SHALL LAPSE WHERE:
(i) NOTICE OF INTENT HAS NOT BEEN RECEIVED WITHIN SIX (6) MONTHS OF THIS CERTIFICATION, OR
(ii) CONSTRUCTION HAS BEEN INTERRUPTED FOR MORE THAN SIX (6) MONTHS.
 - WHERE DESIGN CERTIFICATION HAS LAPSED THE DESIGN MUST BE RESUBMITTED FOR CERTIFICATION BY THE ACCREDITED DESIGNER.
 - ATTENTION:
ALL SERVICES SEARCHES MUST BE CHECKED BEFORE CONSTRUCTION.
 - 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.
 - ATTENTION:
SERVICE PROVIDER TO NOTIFY ENDEAVOUR ENERGY'S ASSET DATA CUSTOMER DEPT DAILY WHEN CABLE WORKS IS IN PROGRESS. TELEPHONE 131081
 - OPERATIONAL LIMITS
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
 - AN EASEMENT FOR A PADMOUNT SUBSTATION MINIMUM 5.5m x 2.75m IS TO BE CREATED IN FAVOUR OF ENDEAVOUR ENERGY WITHIN LOT 1 DP1137425
 - A RESTRICTION ON THE USE OF LAND IN RELATION TO THE FIRE RATING OF BUILDINGS, MEASURED 3 METRES FROM THE SUBSTATION PLINTH, IS TO BE CREATED IN FAVOUR OF ENDEAVOUR ENERGY WITHIN LOT 1 DP1137425
 - 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. ANY DISAGREEMENT WITH THE AMOUNT SHOULD BE RESOLVED WITH ENDEAVOUR ENERGY PRIOR TO THE COMMENCEMENT OF WORKS.
 - AN EARTH CONNECTION WARNING LABEL MUST BE INSTALLED WHERE EARTH CONDUCTOR OR AN EXTENDED EARTH GRID IS TO BE CONNECTED TO LV STREET NEUTRAL TO ACHIEVE AN MEN SYSTEM AS PER EDI 100. REFER TO DRAWING No.348245B.
 - HAVE ALL THE EXISTING ASSETS BEEN FIELD CHECKED AND ARE ACCURATE AT THE TIME OF DESIGN? YES /NO
 - ENVIROMENTAL MANAGEMENT PLAN: EMS0001 IS PART OF THIS DESIGN.



FINAL HV CIRCUIT
NOT TO SCALE
HOMPRIDE ZONE SUBSTATION
FEEDER: A326
REF: W9

—x— LAY 240mm² 3C AL XLPE/HDPE 11kV CABLE
R.L. = 97m C.L. = 127m
--- EXISTING HV UG CABLE
■ HV STJ

FINAL LV CIRCUIT
NOT TO SCALE

—x— LAY 4C 240mm² AL XLPE PVC LV CABLE
R.L. = 97m C.L. = 107m
--- EXISTING UG LV MAINS
o o NEW SERVICE CABLE (BY OTHERS)

NEW LABELS
SUB ?????

'R' - SERVICE TO CUSTOMERS MAIN SWITCHBOARD (NLPs)
'S' - LV PILLAR S1

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 DECLARATION

I _____
OF _____
CONTACT NUMBER _____
HEREBY CERTIFY THAT THE DUCTS SHOWN ON THIS DRAWING HAVE BEEN INSTALLED IN ACCORDANCE WITH THIS DRAWING & ENDEAVOR ENERGY STANDARDS MD0028 & MD0008. THE DUCT DEPTHS AND LOCATIONS AT EACH END HAVE BEEN CORRECTLY MARKED ON THIS DRAWING AS PER ENDEAVOR ENERGY STANDARD SAD0004.

THE INSTALLATION OF THE DUCTS WAS
COMMENCED ON _____
& COMPLETED ON _____

SIGNATURE _____
LAND SURVEYOR REGISTERED UNDER SURVEYING AND SPATIAL INFORMATION ACT 2002