



EXISTING ELECTRICITY NETWORK
ESSENTIAL ENERGY CASE NUMBER 00226567:

ESSENTIAL ENERGY RECORDS INDICATE THE NETWORK WOULD NOT SUPPORT THE REQUESTED 200A, 3PHASE POWER SUPPLY REQUIREMENT. CALCULATIONS INDICATED THAT THE MAXIMUM LOAD CURRENTLY AVAILABLE AT THE NOMINATED LOCATION IS 40A/PHASE. ANY APPLICATION FOR LOAD ABOVE THIS WOULD RESULT IN A STANDARD CONNECTION OFFER REQUIRING NETWORK AUGMENTATION VIA CONTESTABLE WORKS PROCESS.

THE APPLICATION FOR THE NEW ELECTRICAL CONNECTION TO THE SITE VIA THE ESSENTIAL ENERGY'S NETWORK HAVE ALREADY COMMENCED AND THE CONNECTION OFFER FROM ESSENTIAL ENERGY HAVE BEEN ACCEPTED.

A NEW POLE SUBSTATION RATED 200kVA WILL BE PROPOSED TO THE SITE, FOR FURTHER DISCUSSION AND CONFIRMATION FROM ESSENTIAL ENERGY.

ESSENTIAL ENERGY - NETWORK RELIABILITY
REFERENCE: C00194834

ELECTRICAL SYSTEM EMERGENCY BACK-UP
PORTABLE/MOBILE DIESEL GENERATOR SYSTEM

ESSENTIAL ENERGY'S RECORD HAVE IDENTIFIED THAT THERE ARE MULTIPLE OUTAGES IN THE PAST COUPLE OF YEARS. DUE TO THE POWER OUTAGES INCIDENTS AT THE PROPOSED PROJECT SITE AND THE NECESSITY TO KEEP THE ELECTRICITY TO THE SITE, AN ELECTRICAL INFRASTRUCTURE FOR ELECTRICAL SYSTEM EMERGENCY BACK-UP WILL BE PROPOSED VIA A PORTABLE/MOBILE DIESEL GENERATOR.

TELECOMMUNICATIONS

NEW TELECOMMUNICATIONS FIBRE LEAD-IN TO THE BUILDING WILL BE PROVIDED VIA THE NBN NETWORK. PATHWAY PROVISIONS BY WAY OF UNDERGROUND CONDUITS, DUCT AND CABLE PATHS WILL BE MADE FOR THE LEAD-IN CABLE SYSTEM TO THE BUILDING MAIN COMMUNICATION ROOM. FIBRE LEAD-IN WILL BE LINKED TO NBN NETWORK ALONG MITCHELL STREET.

Rev	Date	By	Notes
-----	------	----	-------

- Notes**
- all dimensions in mm.
 - do not scale from drawing.
 - this drawing has been prepared for information purposes only and is not to be used for development approval purposes or construction.
 - clarification to be sought from the architect in the event of any discrepancies in the documentation or if further information is required.

Consultants	
Structural	Cantilever 02 9565 4292
Mechanical, Electrical, Hydraulic, Civil, Acoustic, Section J	JHA Engineers 02 9437 1000
Landscape	TaylorBrammer 02 9387 8855
BCA, Access, Fire	DC Partnership 02 8399 3707
Quantity Surveyor	Genus 0428 614 184
Traffic	PDC Consultants 02 7900 6514
Planner	_planning 0437 259 581
Project Manager	Acorn 0435 868 912



Workshop 1 Pty Ltd
t/a DunnHillam Architecture & Urban Design
ACN 098 309 196 ABN 17 098 309 196

A 301/414 Gardeners Rd, Rosebery NSW 2018
T +61 2 9316 7715
E admin@dunnhillam.com.au
W dunnhillam.com.au

Nominated architects Ashley Dunn NSW ARB No. 7547 and Jonathan Temple NSW ARB No. 8526

This drawing the information and design in it are copyright to Workshop 1 Pty Ltd.

Client	Bourke Aboriginal Corporation Health Services
Project	Bourke Integrated Primary Healthcare Centre 88-96 Mitchell Street, Bourke NSW 2840 FOR FINAL CONSULTANT COORDINATION 04.10.24
Issue	COORDINATION 04.10.24
Date	4/10/2024 3:11:09 PM
Scale	1:200 @A1
Drawing	Ground Plan
Drw No.	DA-02
Rev	
Job No.	22_308
Drawn	RL
Check	AD

FOR FINAL CONSULTANT COORDINATION 04.10.24