

BYDA EDM#: 69236184

I J.E. | 09/2/

DRN DATE

ENVIRONMENTAL FILTER REPORT EDM#: 69236511

HAZARD MANAGEMENT REGISTER EDM#: 69557343

REFERENCE FILE DETAILS

ISSUED FOR CONSTRUCTION

ISSUED FOR ENGINEERING REVIEW

REVISIONS



SCHEME BDY.

EASEMENT

RETAINING WALL

EXISTING HV CABLES

CN45 - 240mm2 (1x3c)

CN41 - 16mm2 SL (1c)

POLE BRACKET

Ood# DOUBLE OUTREACH

MINI (WORKING END)

JUNIVERSAL

LINK

SINGLE OUTREACH

Serviced Uncleared De-energised Lot

EXISTING LV CABLES (SIZE AND TYPE INDICATED)

STREET LIGHTS

CN44 - 185mm2 (1x3c) CN43 - 120mm2 (1x3c) CN42 - 25mm2 (1x3c)

(SIZE AND TYPE INDICATED)

RESTRICTED ZONE

HV CABLES

CN53 - 400mm2 (3X1c) — — — — — CN49 - 240mm2 (3X1c) — — — — —

CN51 - 50mm2 (1c) -----

CN46 - 35mm2 (3X1c) — — — — — -CN47 - 35mm2 (1c) -----

LV-SL CABLES

# - ALPHA CHARACTER DENOTES STREET LIGHT TYPE. REFER STREET LIGHT SCHEDULE FOR POLE & LUMINIRE DETAILS

CABLE MARKER U/G CONDUIT / POLY PIPE

TRANSFORMER EXISTING SWITCHGEAR

AERIAL CONDUCTORS AND POLES

EXISTING POLE (ANY TYPE AS INDICATED)

EXISTING AERIAL CONDUCTORS
(SIZE AND TYPE INDICATED)

NEW POLE (ANY TYPE AS INDICATED)

EXISTING (

(UM) UMS PIT

SP) BGSP PIT

UTILITIES PIT

POLE BRACKET

SINGLE OUTREACH

DOUBLE OUTREACH

\_\_\_\_

CUSTOMER CONTACT DETAILS COMPANY NAME: NRMA CONTACT: MATT BOOTH TEL: 0461 523 842

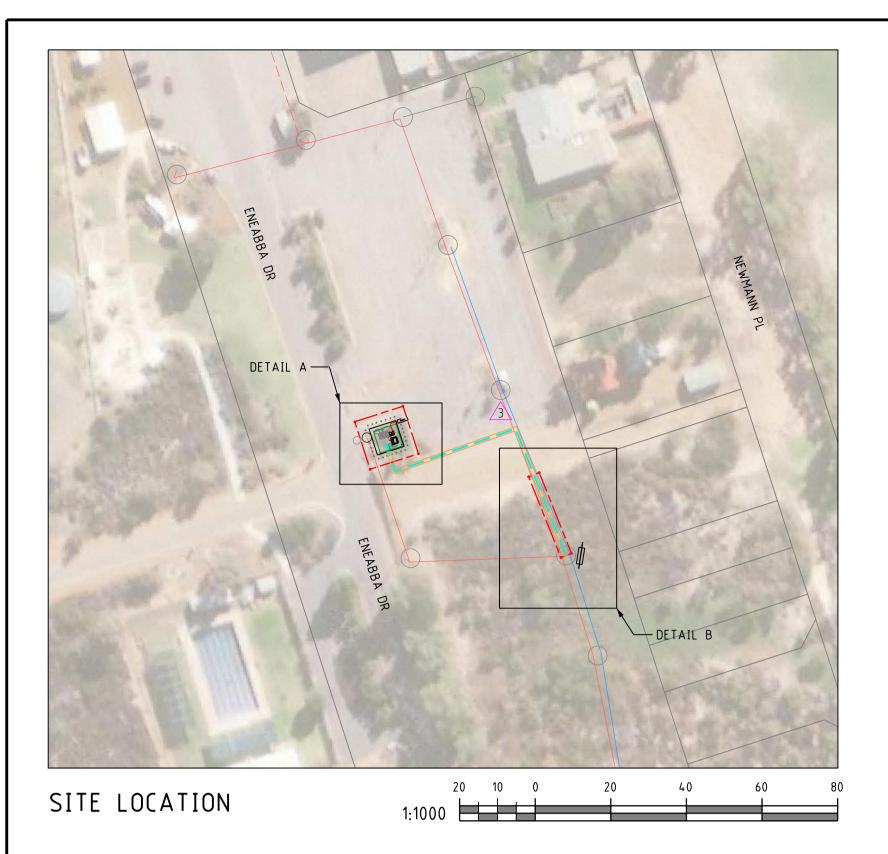
REV: A ORIGINAL SIZE - A

NEW 33kV SUBSTATION - 600A/415V SUPPLY ESP - EV CHARGER ENEABBA DR ROAD RESERVE

ENEABBA DR, ENEABBA

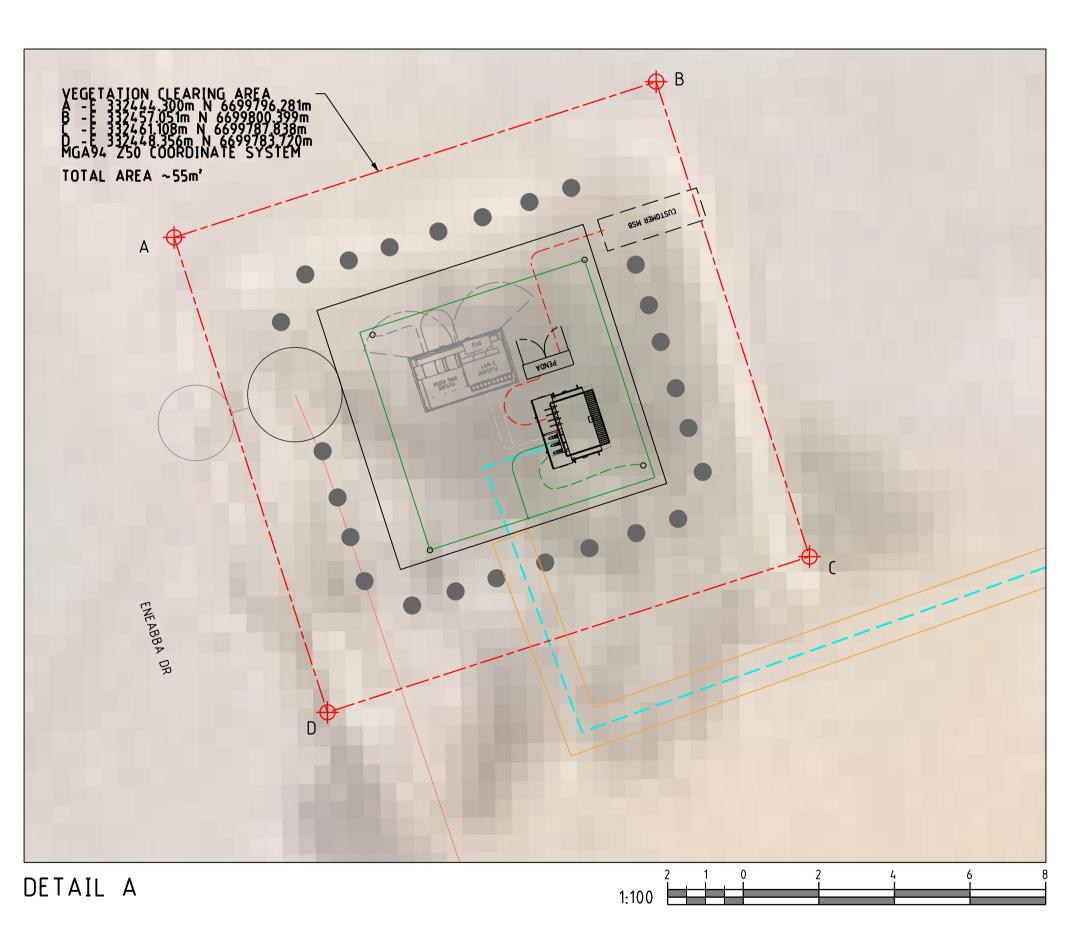
NETWORK VOLTAGE 33kV / 415V

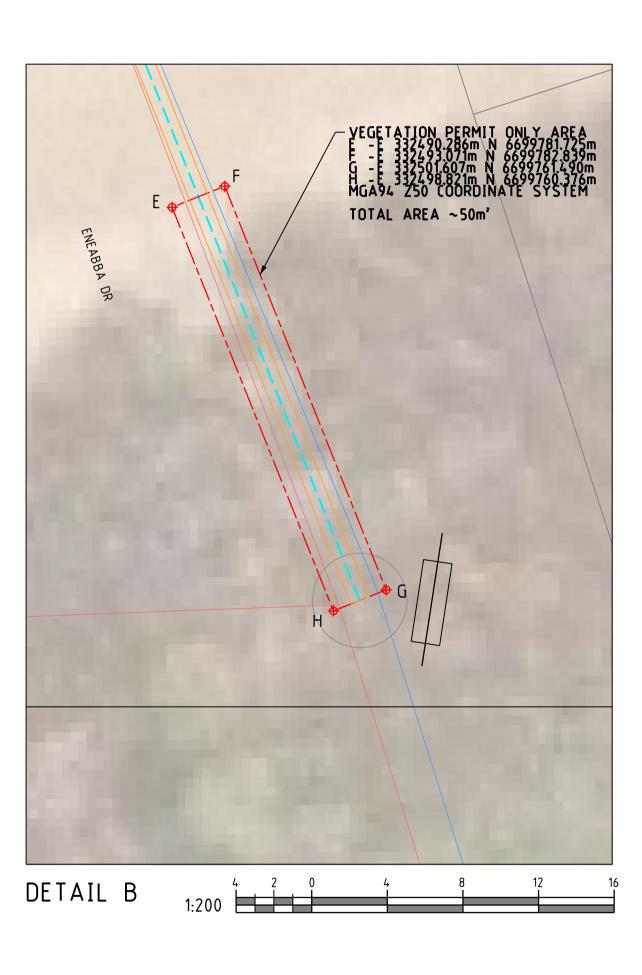
0101011111	SEPH ESLABON S DESIGN TEAM D	westernpower
	@westernpower.com.au	DRAWING NUMBER
TEL: 13	10 87	NP031930
DATE: 09/24	SCALE: AS NOTED @ A1	146031330
GEO REF: Lat Long	.7.1.1.1.1.1	SHEET 01 OF 02



NO NATIVE VEGETATION MAY BE DISTURBED WITHOUT A PERMIT OUTSIDE OF THE PERMIT AREA. IF IN DOUBT, PLEASE CONTACT THE RELEVANT MANAGER WHO WILL CONTACT WESTERN POWER

PLEASE NOTE: HEAVY PENALTIES MAY APPLY TO INDIVIDUALS AND BUSINESSES FOR DAMAGE TO NATIVE VEGETATION WITHOUT A PERMIT





## **VEGETATION INSTRUCTION**

WITH REGARD TO YOUR REQUESTED WORKS, IT HAS BEEN IDENTIFIED BY WESTERN POWER THAT CLEARING OR POTENTIAL CLEARING IS REQUIRED TO FACILITATE THE CONNECTION. BEING A CUSTOMER-FUNDED PROJECT, THE CUSTOMER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CLEARING APPROVALS PRIOR TO THE COMMENCEMENT OF WORKS. YOU CAN ENGAGE AN ENVIRONMENTAL CONSULTANCY TO ASSIST WITH THIS.

THE DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER) ADMINISTERS THE CLEARING PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986 (EP ACT). UNDER THE EP ACT, A CLEARING PERMIT IS REQUIRED TO AUTHORISE CLEARING OF NATIVE VEGETATION UNLESS A VALID EXEMPTION APPLIES OR DWER IDENTIFIES THAT A CLEARING PERMIT IS NOT REQUIRED VIA THE FORMAL CLEARING REFERRAL PROCESS. WHILE CLEARING PERMIT APPLICATIONS ATTRACT FEES, YOU DO NOT HAVE TO PAY A FEE TO SUBMIT A REFERRAL. WHEN APPLYING TO DWER ENSURE THAT THE FOLLOWING WORDING IS INCLUDED IN THE RELEVANT FORMS:

"ALL OTHER CONSTRAINTS HAVE BEEN CONSIDERED AND CLEARING WAS DEEMED THE MOST SIGNIFICANT IMPACT METHODS TO AVOID AND MINIMISE CLEARING CONSIDERED DURING THE DESIGN PHASE INCLUDED:

- 1. PLACEMENT OF LAYDOWN AREAS, TURNAROUNDS ETC. IN PREVIOUSLY CLEARED LAND
- 2. UTILISATION OF EXISTING ACCESS TRACKS WHERE POSSIBLE
- . RESTRICTION OF WORKS TO EXISTING MAINTENANCE ZONE WHERE POSSIBLE
- . UTILISATION OF PRUNING INSTEAD OF CLEARING WHERE POSSIBLE
- 5. UTILISATION OF FARMER?S PADDOCKS AND PREVIOUSLY CLEARED AREAS WHERE POSSIBLE
- . UNDERGROUNDING OF CABLES AND DRILLING INSTEAD OF TRENCHING
- SELECTION OF JOINT AND ENTRY/EXIT HOLE LOCATIONS TO AVOID CLEARING OF (HIGH VALUE)
  VEGETATION
- 8. HELICOPTER INSTALLATION INSTEAD OF GROUND WORK
- 9. EARLY AND CONTINUAL ENGAGEMENT WITH WESTERN POWER ENVIRONMENT TEAM TO HIGHLIGHT PROPOSED RISKS AND AVOID WHERE POSSIBLE
- 10. USING LARGER LINE SPANS THAT CAN SPAN OVER VEGETATION
- 11. USING STRUCTURES WITH SMALLER FOOTPRINTS
- 12. IMPLEMENTING LOWER IMPACT CLEARING METHODOLOGIES, FOR EXAMPLE HAND CLEARING INSTEAD OF MECHANICAL CLEARING"

REFER TO https://www.wa.gov.au/service/environment/environment-information-services/clearing-permits FOR FURTHER INFORMATION ON CLEARING APPROVAL REQUIREMENTS. ADVICE ON RELEVANT EXEMPTIONS CAN BE OBTAINED VIA "DWER'S GUIDE 1 - EXEMPTIONS AND REGULATIONS FOR CLEARING NATIVE VEGETATION" AND CLARIFICATION CAN BE SOUGHT VIA EMAILING DWER DIRECTLY VIA info@dwer.wa.gov.au.

DETAIL B OF 50m2 IS THE AREA IN WHICH A CLEARING PERMIT IS REQUIRED, WHICH WILL ALLOW FOR THE WORKS TO PROCEED. THE AREA THAT IS DEFINED IS THE OPERATIONAL POTENTIAL IMPACT OF PERFORMING THE CONSTRUCTION WORKS. THIS PERMIT ALLOWS FOR INADVERTENT DESTRUCTION OF VEGETATION AND IS NOT REQUIRED BY THE LANDOWNER TO CLEAR PRIOR TO WORKS PROCEEDING.

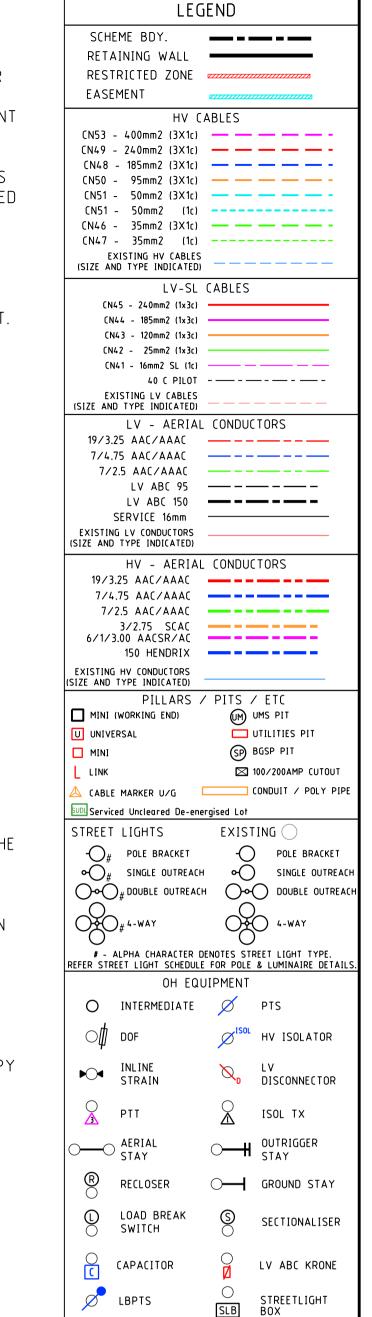
DETAIL A OF 55m2 IS THE AREA IN WHICH YOU WILL HAVE TO ARRANGE TO CLEAR/REMOVE ALL VEGETATION AND PREPARE THE SITE AS SPECIFIED IN THE DESIGN DRAWING ON SHEET 1.

PLEASE NOTE THAT DWER MAY IDENTIFY THAT THE CLEARING HAS SIGNIFICANT IMPACTS AND THERE MAY BE ADDITIONAL REQUIREMENTS BEFORE OR AFTER DWER ISSUE A CLEARING PERMIT THAT MAY IMPACT THE DELIVERY DATE. THESE MAY INCLUDE FLORA OR FAUNA SURVEY REQUIREMENTS AND HYGIENE MANAGEMENT PLANS.

PLEASE ENSURE YOU PROVIDE THE WESTERN POWER SCOPING SPECIALIST/CONSTRUCTION MANAGER WITH A COPY OF ONE OF THE FOLLOWING AS SOON AS PRACTICABLE FOR REVIEW AND SUITABILITY CONFIRMATION:

- A CLEARING PERMIT; OR
   A REFERRAL DETERMINATION NOTICE ISSUED BY DWER CONFIRMING A CLEARING PERMIT IS NOT
- WRITTEN DETAILS OF A RELEVANT CLEARING PERMIT EXEMPTION AND SUPPORTING DOCUMENTS (INCLUDING ANY REGULATOR CORRESPONDENCE).

FURTHER RELEVANT AND SUPPORTING INFORMATION IS AVAILABLE VIA DWER'S WEBSITE. IF YOU HAVE ANY QUESTIONS ABOUT WESTERN POWER'S REQUIREMENTS, PLEASE CONTACT YOUR ALLOCATED DESIGNER.



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NEW 33kV SUBSTATION - 600A/415V SUPPLY
ESP - EV CHARGER ENEABBA DR ROAD RESERVE

ENEABBA DR, ENEABBA

VEGETATION CLEARING REQUIREMENTS

