

LEGEND	
OH EQUIPMENT	
○ INTERMEDIATE	⚡ PTS
○ DOF	⚡ HV ISOLATOR
⚡ INLINE STRAIN	⚡ LV DISCONNECTOR
⚡ PTT	⚡ ISOL TX
○ AERIAL STAY	⚡ OUTRIGGER STAY
⊙ RECLOSER	○ GROUND STAY
⊙ LOAD BREAK SWITCH	⊙ SECTIONALISER
⊙ CAPACITOR	⊙ LV ABC KRONE
	⊙ STREETLIGHT BOX
LV-SL CABLES	
CN45 - 240mm ² (1x3c)	—
CN44 - 185mm ² (1x3c)	—
CN43 - 120mm ² (1x3c)	—
CN42 - 25mm ² (1x3c)	—
CN41 - 16mm ² SL (1c)	—
40 C PILOT	—
EXISTING LV CABLES (SIZE AND TYPE INDICATED)	—
PILLARS / PITS / ETC	
⊠ MINI (WORKING END)	⊠ UMS PIT
⊠ UNIVERSAL	⊠ UTILITIES PIT
⊠ MINI	⊠ 100/200AMP CUTOUT
⊠ LINK	⊠ CONDUIT / POLY PIPE
⊠ CABLE MARKER U/G	
AERIAL CONDUCTORS AND POLES	
○ NEW POLE (ANY TYPE AS INDICATED)	
○ EXISTING POLE (ANY TYPE AS INDICATED)	
— HV — LV —	EXISTING AERIAL CONDUCTORS (SIZE AND TYPE INDICATED)

CUSTOMER SCOPE OF WORK

- (A) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WESTERN AUSTRALIAN DISTRIBUTION CONNECTIONS MANUAL.
- (B) CUSTOMER MUST COMPLY WITH POWER QUALITY LIMITS AS PER SA/SNZ TS IEC 61000.3.5 AND WESTERN POWER TECHNICAL REQUIREMENTS.
- (C) NO BUILDINGS ALLOWED WITHIN 6m OF THE SUBSTATION UNLESS 2 HOUR FIRE RATED. SEE WESTERN POWER DRAWING DSM-5-01 FOR DETAILS.
- (D) SUBSTATION SITE WILL BE PREPARED AS PER THE WESTERN AUSTRALIAN DISTRIBUTION CONNECTIONS MANUAL CLAUSE 14.4.6. THIS INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:
 - 1. PEGGING, COMPACTION AND LEVELLING.
 - 2. LOCATED 500mm ABOVE 100 YEAR FLOOD LEVEL AND NOT IN A PRECARIOUS POSITION.
 - 3. CLEAR OF ALL SERVICES.
 - 4. CLEAN SAND FILL TO A DEPTH OF 1m IN SANDY SOILS TO A DEPTH OF 1.6m IN CLAY OR ROCK.
- (E) IF THE CUSTOMER PROPOSES TO INSTALL SCREENING, APPROVAL SHALL BE OBTAINED FROM WESTERN POWER PRIOR TO ITS INSTALLATION. THE SCREENING SHALL BE INSTALLED ONLY AFTER WESTERN POWER HAS COMPLETED ALL OF THE WORK ON THE SUBSTATION SITE. REFER TO THE WESTERN AUSTRALIAN DISTRIBUTION CONNECTIONS MANUAL CLAUSES 14.4.11 AND 14.5.4 FOR DETAILS.
- (F) PILLAR EXCLUSION ZONE TO BE PREPARED AS PER THE WESTERN AUSTRALIAN DISTRIBUTION CONNECTIONS MANUAL CLAUSE 12.5.3. THIS INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:
 - 1. PEGGING THE PILLAR LOCATION AND ADJACENT BOUNDARY LOCATION PRIOR TO CONSTRUCTION.
 - 2. ONLY EASILY REMOVABLE SURFACE TREATMENT IS TO BE INSTALLED IN THIS AREA, SUCH AS BRICK PAVING.
 - 3. CLEAR OF ALL SERVICES.
 - 4. LOCATED 300mm ABOVE 100 YEAR FLOOD LEVEL AND NOT IN A PRECARIOUS POSITION.
- (G) CUSTOMERS ELECTRICAL CONTRACTOR TO ARRANGE THE INSTALLATION OF CONSUMER MAINS TO THE PILLAR. MAX SIZE CONSUMER MAINS THAT CAN BE TERMINATED IS 35mm²/PHASE.
- (H) CUSTOMER IS RESPONSIBLE FOR ARRANGING CLEARING PERMITS FOR THIS WORK TO PROCEED. REFER TO SHEET 2 FOR MORE INFORMATION.

WESTERN POWER SCOPE OF WORK

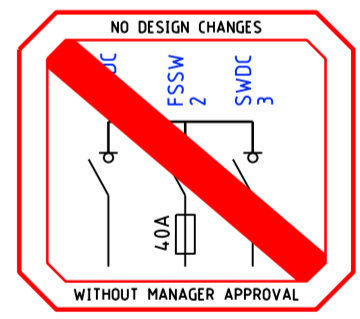
- 1. INSTALL 35MM 1C HV CABLE FROM POLE S781233 TO SUBSTATION SITE ON LOT 2515.
CU: CN47 x 220m, CN54 x 2, CN73 x 2
- 2. INSTALL 25KVA 12.7KV-240V SPUDS TX ON LOT 2515 AS PER DSM-3-25. TERMINATE 35MM 1C HV CABLE TO SPUDS TX.
CU: HU31, HU75, HU77
- 3. INSTALL MINI PILLAR ADJACENT TO NEW SUBSTATION.
CU: LU10
NON-CU: CR0324
DCSH: U08-2
- 4. INSTALL 25MM LV CABLE FROM NEW SUBSTATION TO NEW MINI PILLAR. TERMINATE 25MM LV CABLE TO PILLAR. TERMINATE 25MM LV CABLE TO SUBSTATION.
CU: CN42 x 6m, CN73 x 2, LU10 CABTERM
- 5. TERMINATE 35MM 1C HV CABLE TO POLE S781233.
CU: HU57, CN9, CN70
NON-STANDARD EDM# 54523447
- 6. REPLACE EXISTING FUSE ELEMENT WITH 5AMP FT FUSE ELEMENT.
NON-CU: GF1917
- 7. ENVIRONMENTAL FILTER CHECKED BY THE DESIGNER. THE FOLLOWING ENVIRONMENTAL LAYERS HAVE BEEN IDENTIFIED:
 - THREATENED ECOLOGICAL COMMUNITIES
 - WEST RINGTAIL HABITAT
 - NATIVE VEGETATION REMAINING

HIGH FIRE RISK AREA

ISSUED FOR CONSTRUCTION

NO NATIVE VEGETATION MAY BE DISTURBED WITHOUT A PERMIT. IF IN DOUBT PLEASE CONTACT THE RELEVANT MANAGER WHO WILL CONTACT WESTERN POWER ENVIRONMENTAL OPERATIONS TO ARRANGE A PERMIT.

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



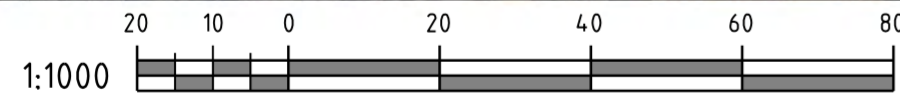
DESIGNED TO BE CONSTRUCTED DE-ENERGISED

CUSTOMER CONTACT DETAILS
 COMPANY NAME: ECWA
 CONTACT: MICHAEL ANILE TEL: 0439988739

DM#	FN#	ISSUED FOR CONSTRUCTION	DI	10/20	HAZARD MANAGEMENT REGISTER EDM# 54522890
Rev.		REVISIONS	DRN	DATE	FILE REFERENCE DETAILS

NEW COMMERCIAL SUPPLY
SUPPLY 70AMPS, 240V
 LOT 2515 LUCY RD, JINDONG
 DESIGN DRAWING

DESIGNER: CUSTOMER CONNECTION DESIGN	DRAWING NUMBER
DATE: 11/20	SCALE: AS SHOWN @ A2
SP048139	
GEO REF: Lat. - 33°44'44.014" S Long. - 115°11'07.437" E	SHEET 1 OF 2
REV: A	ORIGINAL SIZE - A2



DETAIL A

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.

THE DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER) ADMINISTERS THE CLEARING PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986 (EP ACT). CLEARING OF NATIVE VEGETATION IS AN OFFENCE UNLESS IT IS DONE UNDER THE AUTHORITY OF A CLEARING PERMIT OF AN EXEMPTION APPLIES. NOTE THERE ARE SOME CIRCUMSTANCES WHERE EXEMPTIONS ARE GRANTED. 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 A SHOWS THE AREA IN WHICH A CLEARING PERMIT IS REQUIRED. A TOTAL OF 1150M² IS REQUIRED WHICH WILL ALLOW FOR THE WORKS TO PROCEED. THE AREA THAT IS DEFINED IS THE OPERATIONAL POTENTIAL IMPACT OF PERFORMING THE INSTALLATION WORKS. THIS AREA IS NOT REQUIRED TO BE CLEARED BY THE LANDOWNER PRIOR TO WORKS PROCEEDING.

TO ASSIST IN THE ABOVE TASK, WESTERN POWER RECOMMENDS THAT A FORM 1 (AREA PERMIT) BE SUBMITTED TO DWER (FOUND VIA WWW.DWER.WA.GOV.AU UNDER THE CLEARING PERMIT TAB). PLEASE ATTACH THIS SHEET WHICH SHOULD CONTAIN THE RELEVANT INFORMATION TO FILL OUT THE FORM. THE APPLICATION COST FOR AN AREA PERMIT IS EXPECTED TO BE \$400 WITH AN EXPECTED RESPONSE TIME OF TYPICALLY 60 WORKING DAYS.

WHEN THE CLEARING IS TO BE ACROSS MULTIPLE PROPERTIES, SOME OF WHICH ARE NOT OWNED BY THE CUSTOMER, A PURPOSE PERMIT (FORM C2) MAY NEED TO BE APPLIED FOR INSTEAD OF AN AREA PERMIT. A PURPOSE PERMIT WILL ATTRACT AN ADDITIONAL FEE OF \$2000 AND THE PROVISION OF FORMAL LETTERS OF AUTHORITY TO ACCESS FROM THE LANDOWNERS OF OTHER PROPERTIES WILL BE REQUIRED.

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 WESTERN POWER WITH A COPY OF THE SIGNED CLEARING PERMIT TO THE CONSTRUCTION MANAGER AS SOON AS PRACTICABLE FOR REVIEW AND SUITABILITY CONFIRMATION. FURTHER RELEVANT AND SUPPORTING INFORMATION IS AVAILABLE VIA DWER'S WEBSITE. IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT YOUR ALLOCATED DESIGNER.

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