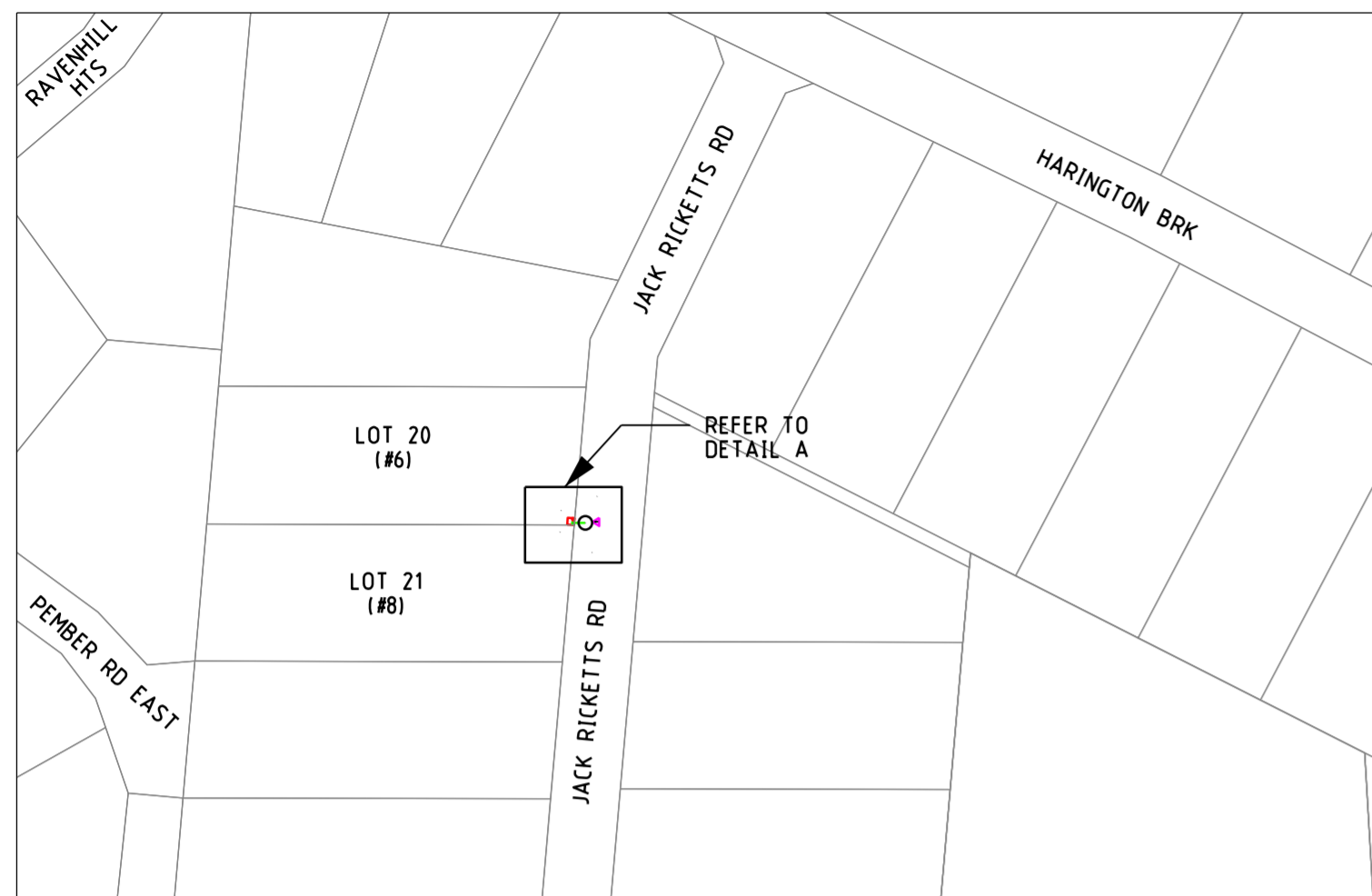
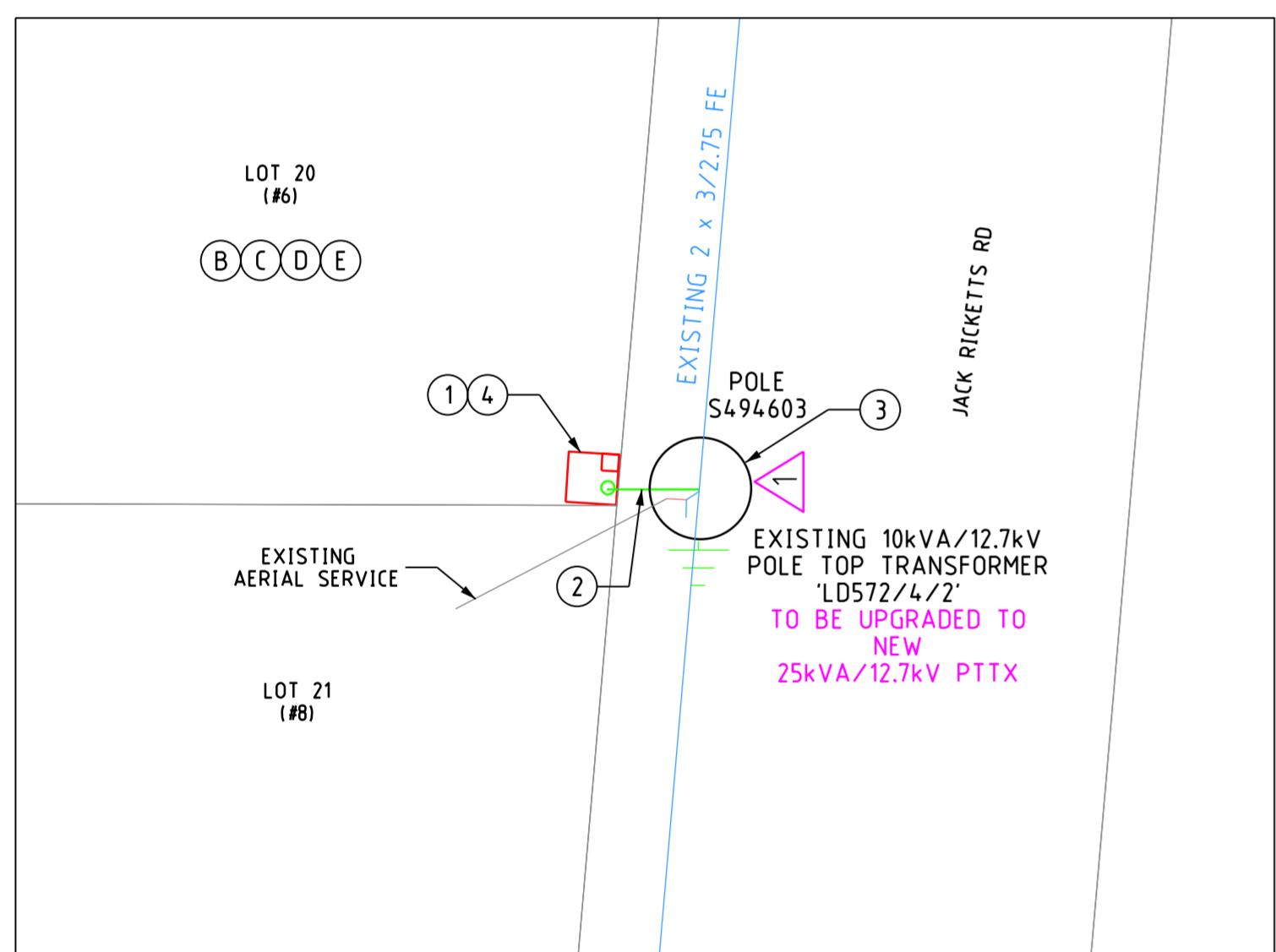


TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED



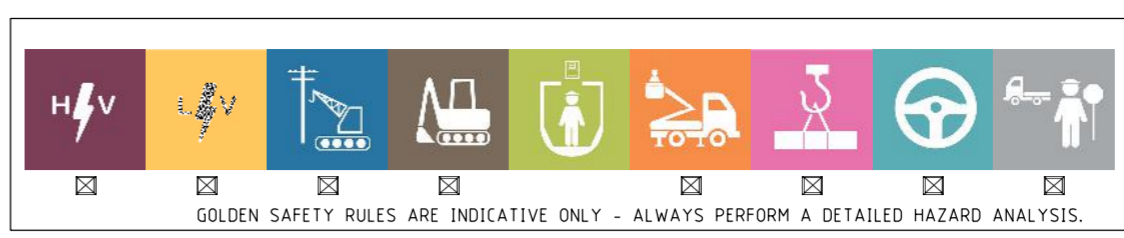
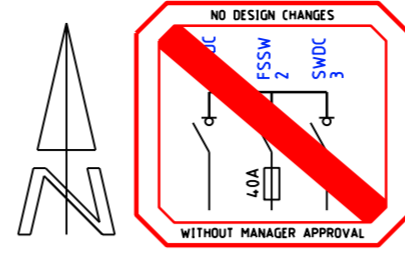
SITE LOCATION PLAN 1:2000



DETAIL A 1:250

ISSUED FOR CONSTRUCTION

SAFETY - MAKE IT YOUR PRIMARY VALUE



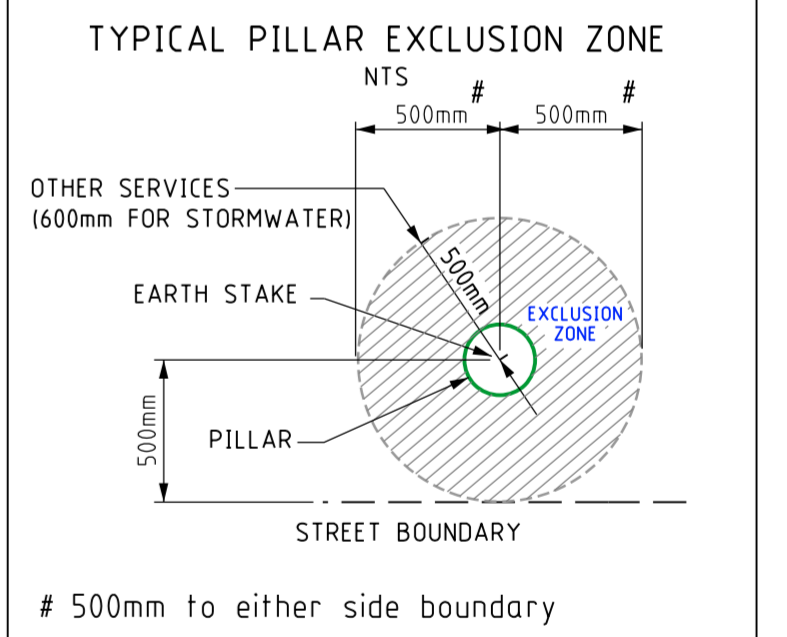
WESTERN POWER SCOPE OF WORK

- ① INSTALL NEW MINI PILLAR ON LOT 20 (#6) AS PER ZONE EXCLUSION DETAIL (WASIR CL. 12.5.3).
CU: LU10 x 1 (240V)
- ② INSTALL NEW 25LV CABLE FROM EXISTING POLE S494603 TO NEW MINI PILLAR ON LOT 20 (#6).
CU: CN42 x 20m, CN54 x 1, CN73_LV25 x 3
- ③ AT POLE S494603, REMOVE EXISTING 10kVA/12.7kV POLE TOP TRANSFORMER 'LD572/4/2'. REPLACE EXISTING POLE WITH NEW 11m/4kN POLE. INSTALL NEW 25kVA/12.7kV POLE TOP TRANSFORMER. TERMINATE NEW 25LV CABLE ONTO THE POLE VIA FLOW-LINE FUSES. RECONNECT/REPLACE EXISTING LV AERIAL SERVICE AS REQUIRED TO LOT 21 (#8).
CU: P04_R x 1, HV29_E x 1, RE1 x 1, CN18 x 2, CN74_X 4, TX5_25/12.7 x 1, LU61_25_240U x 1, LU61_25_240U x 1, LV8_1P x 1
DCSH: H4.6, R12-1
- ④ TERMINATE NEW 25LV CABLE TO NEW MINI PILLAR ON LOT 20 (#6).
DCSH: U08-04
- ⑤ ENVIRONMENTAL FILTER CHECKED
THE FOLLOWING ENVIRONMENTAL ISSUES HAVE BEEN IDENTIFIED FOR THIS PROJECT. ALL RELEVANT PERMITS / PROCEDURES MUST BE OBTAINED / ADHERED TO:
1. CONDITIONS OF NATIVE VEGETATION CLEARING PERMIT. (NO NATIVE VEGETATION MAY BE CLEARED OR DAMAGED WITHOUT A PERMIT).
PLEASE REFER TO THE ENVIRONMENTAL DRAWING FOR MORE INFORMATION.

CUSTOMER SCOPE OF WORK

- Ⓐ THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS.
- Ⓑ PILLAR EXCLUSION ZONE TO BE PREPARED AS PER THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS 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 INCLUDING CONTAMINATED SOIL, ASBESTOS ETC.
4. LOCATED 300mm ABOVE 100 YEAR FLOOD LEVEL AND NOT IN A PRECARIOUS POSITION.
- Ⓒ CUSTOMER IS RESPONSIBLE TO ARRANGE FOR WESTERN POWER ELECTRICAL CONTRACTOR SERVICE REQUEST OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR TO INSTALL DIRECT METERING IN THE SWITCHBOARD PRIOR TO SUPPLY BEING ENERGISED.
- Ⓓ CUSTOMER MUST COMPLY WITH POWER QUALITY LIMITS AS PER AS/NZS TS IEC 61000.3.5 AND WESTERN POWER TECHNICAL REQUIREMENTS.
- Ⓔ CUSTOMER IS RESPONSIBLE TO ARRANGE FOR WESTERN POWER ELECTRICAL SERVICE REQUEST OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR TO TERMINATE ALL CONSUMER MAINS TO THE MINI / UNI PILLAR BACK BLOCKS, MAX SIZE CONSUMER MAINS THAT CAN BE TERMINATED IS 35mm²/PHASE.
- Ⓕ CUSTOMER MUST COMPLY WITH THE VEGETATION CLEARING REQUIREMENTS AS STATED ON SHEET 2 OF 2.

LEGEND	
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	BGSP PIT
LINK	100/200AMP CUTOUT
CABLE MARKER U/G	CONDUIT / POLY PIPE
Serviced Uncleared De-energised Lot	
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)	
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
LBPTS	STREETLIGHT BOX



CUSTOMER CONTACT DETAILS
 COMPANY NAME:
 CONTACT: ANTHONY RUSSELL TEL:

CONSULTANT CONTACT DETAILS
 COMPANY NAME:
 CONTACT: BEN VAN DONGEN TEL: 0466122805

WATER PIPELINE IN VICINITY OF WORKS

TELSTRA ASSET IN VICINITY OF WORKS

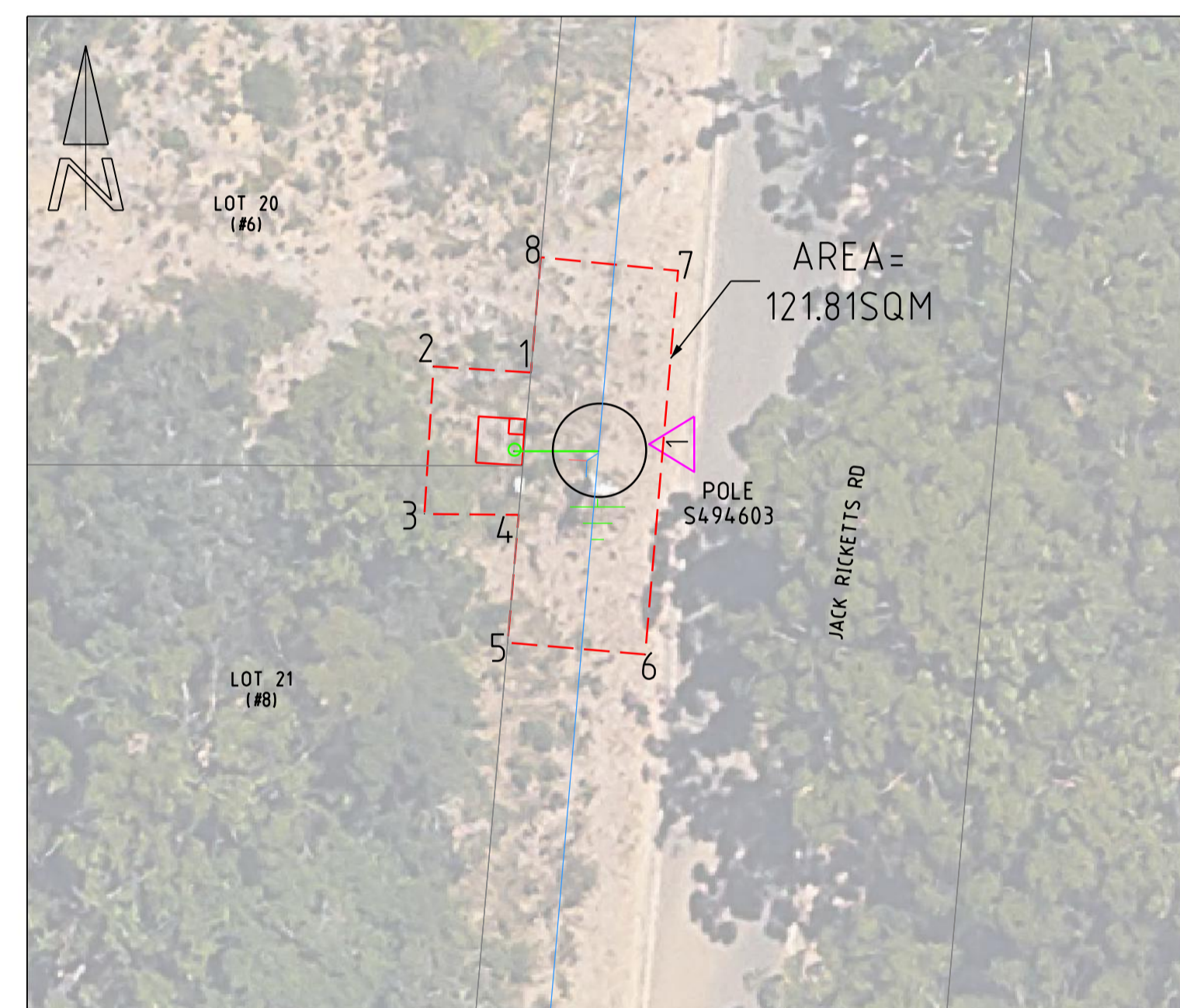
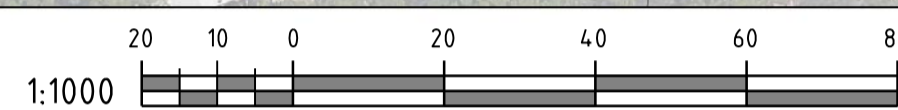
Rev.	REVISIONS	DRN	DATE	FILE REFERENCE DETAILS
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1	ISSUED FOR ENGINEERING REVIEW	S.S	10/24	HAZARD MANAGEMENT REGISTER DM#: 69870004
				DBYD DM#: 69853093

NEW RESIDENTIAL SUPPLY
 MAXIMUM DEMAND - 63A SUPPLY (240V)
 LOT (#6) JACK RICKETTS DR, OCEAN BEACH, WA 6333
 NETWORK VOLTAGE: 12.7kV/240V

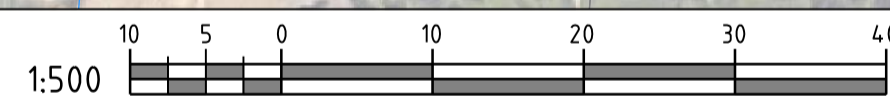
DESIGNER: S.SUDESHGANDHI	
DESIGN TEAM: CCS DESIGN TEAM D	
EMAIL: CCS DESIGN D MAILBOX	DRAWING NUMBER
TEL: 13 10 87	SP051801
DATE: 09/24 SCALE: AS NOTED @ A2	
GEO REF: Lat. - 34°59'54" S Long. - 117°19'46" E	SHEET 01 OF 02
W.A.P.C. REFERENCE No.	REV: A ORIGINAL SIZE - A2



SITE LOCATION



DETAIL B
CLEARING PERMIT AND CLEARING REQUIREMENT DETAIL



VEGETATION CLEARING PERMIT		
AREA- SURVEY PEG SCHEDULE		
MGA-94 ZONE 50		
POINT ID	EASTING	NORTHING
1	375231.99	637824.6.01
2	375237.9	637824.6.01
3	375237.9	637824.1.32
4	375231.99	637824.1.32
5	375223.1	637824.1.34
6	375247.83	637824.1.34
7	375247.83	6378236.15
8	375223.1	6378236.15

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. RESTRICTION OF WORKS TO EXISTING MAINTENANCE ZONE WHERE POSSIBLE
2. UTILISATION OF PRUNING INSTEAD OF CLEARING WHERE POSSIBLE
3. UNDERGROUNDING OF CABLES AND DRILLING INSTEAD OF TRENCHING
4. SELECTION OF JOINT AND ENTRY/EXIT HOLE LOCATIONS TO AVOID CLEARING OF (HIGH VALUE) VEGETATION
5. EARLY AND CONTINUAL ENGAGEMENT WITH WESTERN POWER ENVIRONMENT TEAM TO HIGHLIGHT PROPOSED RISKS AND AVOID WHERE POSSIBLE
6. USING STRUCTURES WITH SMALLER FOOTPRINTS
7. 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 IDENTIFIES THE AREA FOR WHICH CLEARING APPROVALS WILL NEED TO BE OBTAINED AND 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 OF 2.

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 REQUIRED; OR
- 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.

LEGEND	
SCHEME BODY.	---
RETAINING WALL	=====
RESTRICTED ZONE	-----
EASEMENT	-----
HV CABLES	
CN53 - 400mm2 (3X1c)	-----
CN49 - 240mm2 (3X1c)	-----
CN48 - 185mm2 (3X1c)	-----
CN50 - 95mm2 (3X1c)	-----
CN51 - 50mm2 (3X1c)	-----
CN51 - 50mm2 (1c)	-----
CN46 - 35mm2 (3X1c)	-----
CN47 - 35mm2 (1c)	-----
EXISTING HV CABLES (SIZE AND TYPE INDICATED)	-----
LV-SL CABLES	
CN45 - 240mm2 (1x3c)	-----
CN44 - 185mm2 (1x3c)	-----
CN43 - 120mm2 (1x3c)	-----
CN42 - 75mm2 (1x3c)	-----
CN41 - 40mm2 SL (1c)	-----
40 C PILOT	-----
EXISTING LV CABLES (SIZE AND TYPE INDICATED)	-----
LV - AERIAL CONDUCTORS	
19/3.25 AAC/AAAC	-----
7/4.75 AAC/AAAC	-----
7/2.5 AAC/AAAC	-----
LV ABC 95	-----
LV ABC 150	-----
SERVICE 16mm	-----
EXISTING LV CONDUCTORS (SIZE AND TYPE INDICATED)	-----
HV - AERIAL CONDUCTORS	
19/3.25 AAC/AAAC	-----
7/4.75 AAC/AAAC	-----
7/2.5 AAC/AAAC	-----
3/2.75 SCAC	-----
6/173.00 AACSP/AC	-----
150 HENDRIX	-----
EXISTING HV CONDUCTORS (SIZE AND TYPE INDICATED)	-----
PILLARS / PITS / ETC	
MINI (WORKING END)	UMS PIT
UNIVERSAL	UTILITIES PIT
MINI	BGSP PIT
LINK	100/200AMP CUTOUT
CABLE MARKER U/G	CONDUIT / POLY PIPE
Service/Unservice/De-energised Lot	
STREET LIGHTS	
POLE BRACKET	EXISTING
SINGLE OUTREACH	SINGLE OUTREACH
DOUBLE OUTREACH	DOUBLE OUTREACH
C-WAY	C-WAY
# - ALPHA CHARACTER DENOTES STREET LIGHT TYPE. REFER STREET LIGHT SCHEDULE FOR POLE & LUMINAIRE DETAILS.	
OH EQUIPMENT	
INTERMEDIATE	P15
DOF	HV ISOLATOR
INLINE STRAIN	LV DISCONNECTOR
PIT	ISOL TX
AERIAL STAY	OUTRIGGER STAY
RECLOSER	GROUND STAY
LOAD BREAK SWITCH	SECTIONALISER
CAPACITOR	LV ABC KRONE
LBPTS	STREETLIGHT BOX

ISSUED FOR CONSTRUCTION

SAFETY - MAKE IT YOUR PRIMARY VALUE

TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

NEW RESIDENTIAL SUPPLY

MAXIMUM DEMAND - 63A SUPPLY (240V)

LOT (#6) JACK RICKETTS DR, OCEAN BEACH, WA 6333

VEGETATION CLEARING REQUIREMENTS

DESIGNER: S.SUDESHGANDHI	westernpower
DESIGN TEAM: CCS DESIGN TEAM D	
EMAIL: CCS DESIGN 0 MAILBOX	DRAWING NUMBER
TEL: 13 10 87	SP051801
DATE: 10/24	SCALE: AS NOTED @ A1
GEO REF: Lat. - 34°59'54" S	SHEET 02 OF 02
Long. - 117°19'46" E	REV: A ORIGINAL SIZE - A1

Rev.	REVISIONS	DRN	DATE	REFERENCE FILE DETAILS
A	ISSUED FOR CONSTRUCTION	S.S	10/24	DIAL BEFORE YOU DIG DM#: 69853093
1	ISSUED FOR ENGINEERING REVIEW	S.S	10/24	SHE ASSESSMENT REPORT DM#: 69867465 HAZARD MANAGEMENT REGISTER DM#: 69870004