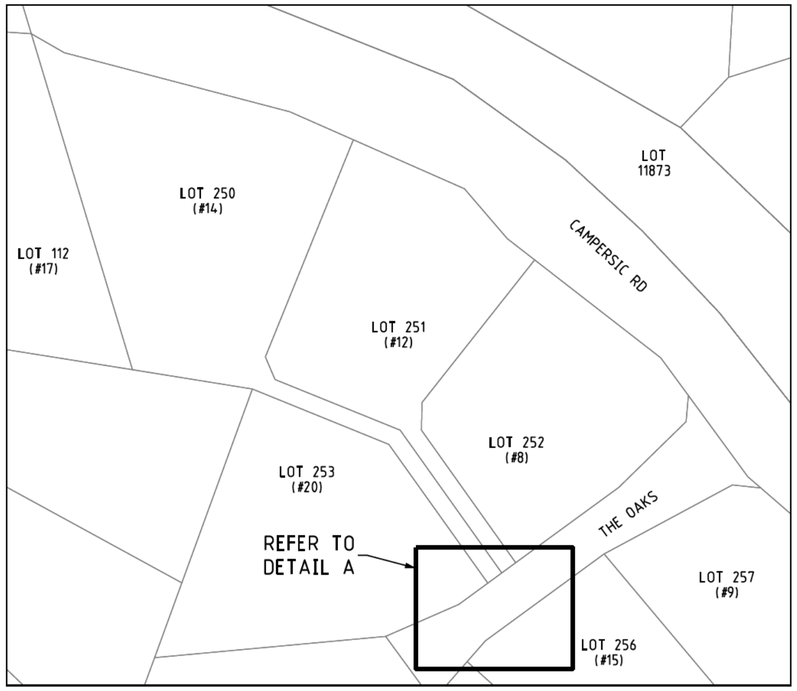
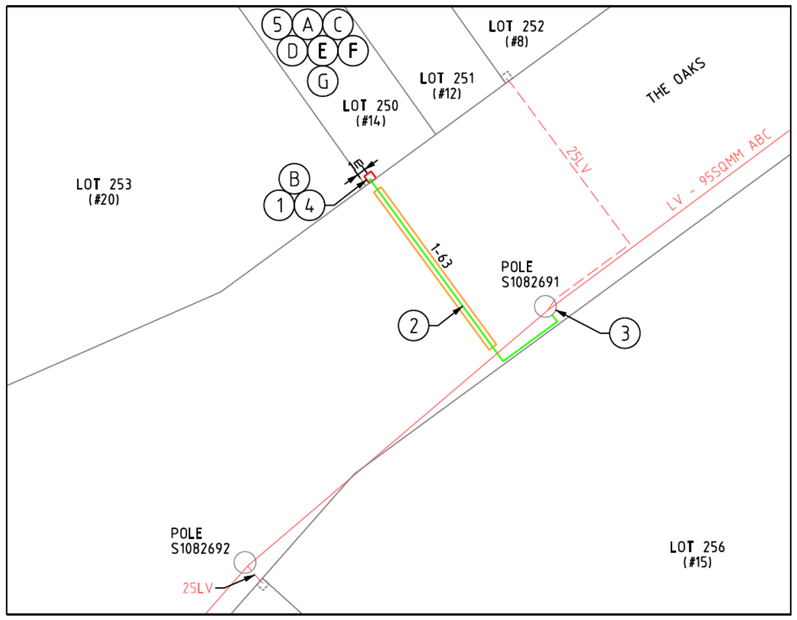


SITE LOCATION PLAN

1:2500 50 25 0 50 100 150 200



DETAIL A

1:250 5 2.5 0 5 10 15 20

WESTERN POWER SCOPE OF WORKS

1. INSTALL NEW MINI PILLAR ON LOT 250 AS PER CUSTOMER'S PEGGED LOCATION AND PILLAR EXCLUSION ZONE DETAIL (WASIR CL12.5.3).
   CU = LU10 x 1
   DCSH = U08-04
2. INSTALL NEW 25LV CABLE FROM EXISTING POLE S1082691 TO NEW MINI PILLAR ON LOT 250.
   CU = CN42 x 50m, CN73_LV25 x 3, CN54 x 2
3. AT POLE S1082691:
   TERMINATE NEW 25LV CABLE TO 95SQMM LVABC.
   CU = LU50_25/95O x 1, LU50_25/95U x 1
   DCSH = U18
4. TERMINATE NEW 25LV CABLE TO NEW MINI PILLAR ON LOT 250.
   DCSH = U08-04
5. ENVIRONMENTAL FILTER CHECKED
   THE FOLLOWING ENVIRONMENTAL ISSUES HAVE BEEN IDENTIFIED FOR THIS PROJECT.

   1. VEGETATION
   REFER TO CUSTOMER NOTE H.

   2. LAND USE PLANNING
   REFER TO CUSTOMER NOTE G.

   3. SURFACE WATER
   NOT AN ISSUE DUE TO NATURE OF WORKS.

CUSTOMER SCOPE OF WORK

A. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS.

B. 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.

C. CUSTOMER MUST COMPLY WITH POWER QUALITY LIMITS AS PER AS/NZS TS IEC 61000.3.5 AND WESTERN POWER TECHNICAL REQUIREMENTS.

D. CUSTOMER IS RESPONSIBLE TO ARRANGE FOR WESTERN POWER, OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR, TO TERMINATE ALL CONSUMER MAINS TO THE MINI PILLAR. MAX SIZE CONSUMER MAINS THAT CAN BE TERMINATED IS 35mm2/PHASE.

E. CUSTOMERS MSB TO BE WITHIN 30m OF PILLAR.

F. CUSTOMER IS RESPONSIBLE TO ARRANGE FOR WESTERN POWER, OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR, TO INSTALL DIRECT METERING IN THE SWITCHBOARD PRIOR TO SUPPLY BEING ENERGISED.

G. THE CUSTOMER IS RESPONSIBLE FOR CONSULTING WITH THE RELEVANT LOCAL GOVERNMENT (E.G. CITY OF SWAN) AND CONFIRMING AND SATISFYING ANY DEVELOPMENT APPLICATION REQUIREMENTS.

H. CUSTOMER TO REFER TO SHEET 2 OF 2 FOR VEGETATION CLEARING REQUIREMENTS, CUSTOMER TO GET RELEVANT APPROVALS

CRITICAL RISK MANAGEMENT

LEGEND

LV-SL CABLES

- CN45 - 240mm2 (1x3c)
- CN44 - 185mm2 (1x3c)
- CN43 - 120mm2 (1x3c)
- CN42 - 25mm2 (1x3c)
- CN41 - 16mm2 SL (1c)
- 40 C PILOT
- EXISTING LV CABLES (SIZE AND TYPE INDICATED)

OH EQUIPMENT

- INTERMEDIATE
- DOF
- INLINE STRAIN
- PTT
- AERIAL STAY
- RECLOSER
- LOAD BREAK SWITCH
- CAPACITOR
- LBPTS
- PTS
- HV ISOLATOR
- LV DISCONNECTOR
- ISOL TX
- OUTRIGGER STAY
- GROUND STAY
- SECTIONALISER
- LV ABC KRONE
- STREETLIGHT BOX

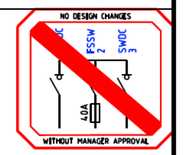
PILLARS / PITS / ETC

- MINI (WORKING END)
- UNIVERSAL
- MINI
- LINK
- CABLE MARKER U/G
- UMS PIT
- UTILITIES PIT
- BGSP PIT
- 100/200AMP CUTOUT
- CONDUIT / POLY PIPE
- SUDN Serviced Uncleared De-energised Lot

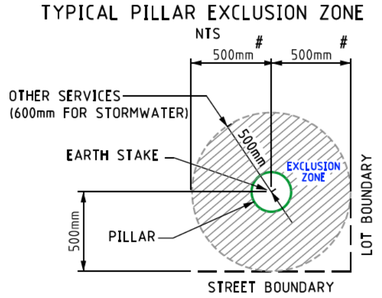
AERIAL CONDUCTORS AND POLES

- NEW POLE (ANY TYPE AS INDICATED)
- EXISTING POLE (ANY TYPE AS INDICATED)
- HV LV EXISTING AERIAL CONDUCTORS (SIZE AND TYPE INDICATED)





TYPICAL PILLAR EXCLUSION ZONE



500mm to either side boundary (B)

CUSTOMER CONTACT DETAILS

COMPANY NAME: N/A

CONTACT: [redacted] TEL: [redacted]

ISSUED FOR CONSTRUCTION

HIGH FIRE RISK AREA

TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

Rev.	REVISIONS	DRN	DATE	REFERENCE FILE DETAILS
				SHE ASSESSMENT FILTER REPORT
A	ISSUED FOR CONSTRUCTION	J.E	07/26	HAZARD MANAGEMENT REGISTER

NEW RESIDENTIAL SUPPLY

MAX DEMAND: 5kVA / 415V

LOT 250, #14 THE OAKS, BRIGADOON 6069

NETWORK VOLTAGE: 0.415kV

DESIGNER: CUSTOMER CONNECTION DESIGN
DESIGN TEAM: CCS RESI. SOL - PER
EMAIL: [redacted]
TEL: [redacted]
DATE: 07/26 SCALE: AS NOTED @ A2
GEO REF: Lat. - 31°46'38" S Long. - 116°04'44" E

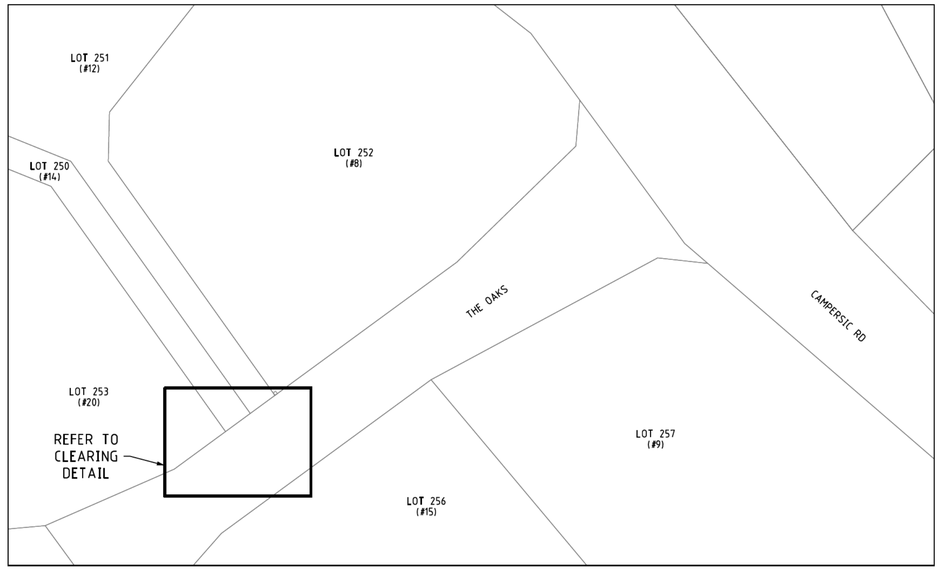
western power

DRAWING NUMBER

MP221322

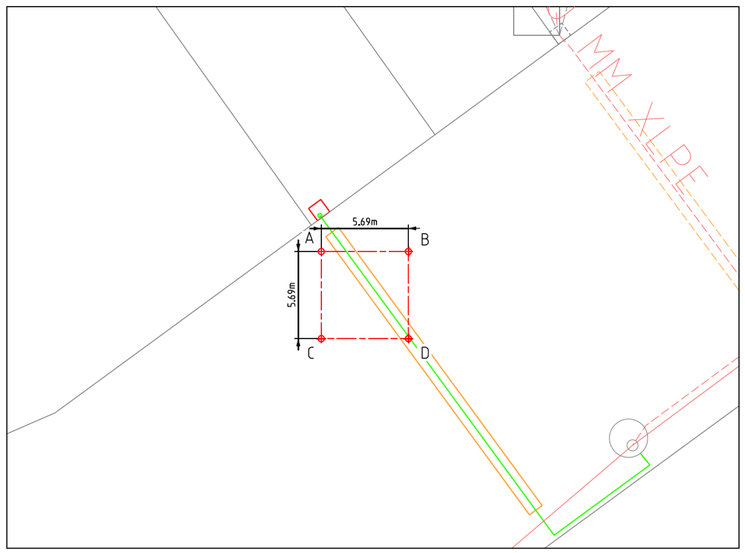
SHEET 01 OF 02

REV: A ORIGINAL SIZE - A2



SITE LOCATION PLAN

1:1000 20 10 0 20 40 60 80



CLEARING DETAIL

1:250 5 2.5 0 5 10 15 20

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
3. RESTRICTION OF WORKS TO EXISTING MAINTENANCE ZONE WHERE POSSIBLE
4. UTILISATION OF PRUNING INSTEAD OF CLEARING WHERE POSSIBLE
5. UTILISATION OF FARMER×S PADDOCKS AND PREVIOUSLY CLEARED AREAS WHERE POSSIBLE
6. UNDERGROUNDING OF CABLES AND DRILLING INSTEAD OF TRENCHING
7. 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.

THE CLEARING DETAIL OF 32.38m2 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.

THE IDENTIFIED CLEARING (OR POTENTIAL OF) REQUIRED RUNS ACROSS MULTIPLE LAND TENURES. THE PROPONENTS AFFECTED ARE IDENTIFIED IN RED IN THE SITE LOCATION PLAN. DWER REQUIRES THAT WRITTEN APPROVAL TO CLEAR FROM THE LANDOWNER OR LAND MANAGER (E.G. LGA, FARMER) BE PROVIDED AS PART OF A CLEARING PERMIT REFERRAL OR APPLICATION.

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 BDY.
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 - 25mm2 (1x3c)
CN41 - 16mm2 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
6/1/3.00 AACSR/AC
150 HENDRIX
EXISTING HV CONDUCTORS (SIZE AND TYPE INDICATED)

PILLARS / PITS / ETC
MINI (WORKING END)
UNIVERSAL
MINI
LINK
CABLE MARKER U/G
UMS PIT
UTILITIES PIT
BGSP PIT
100/200AMP CUTOUT
CONDUIT / POLY PIPE
SDN Serviced Uncleared De-energised Lot

STREET LIGHTS
POLE BRACKET
SINGLE OUTREACH
DOUBLE OUTREACH
4-WAY
EXISTING
POLE BRACKET
SINGLE OUTREACH
DOUBLE OUTREACH
4-WAY
- ALPHA CHARACTER DENOTES STREET LIGHT TYPE. REFER STREET LIGHT SCHEDULE FOR POLE & LUMINAIRE DETAILS.

OH EQUIPMENT
INTERMEDIATE
DOF
INLINE STRAIN
PTT
AERIAL STAY
RECLOSER
LOAD BREAK SWITCH
CAPACITOR
LBPTS
PTS
ISOL HV ISOLATOR
LV DISCONNECTOR
ISOL TX
OUTRIGGER STAY
GROUND STAY
SECTIONALISER
LV ABC KRONE
STREETLIGHT BOX

VEGETATION CLEARING CO-ORDINATES IN MGA94-50

PEG NO.	EASTING	NORTHING
A	412877.69	6483617.83
B	412883.38	6483617.83
C	412877.69	6483612.15
D	412883.38	6483612.15

Rev.	REVISIONS	DRN	DATE
A	ISSUED FOR CONSTRUCTION	JE	07/26

SHE ASSESSMENT FILTER REPORT EDM#:
HAZARD MANAGEMENT REGISTER EDM#:
REFERENCE FILE DETAILS

NEW RESIDENTIAL SUPPLY

MAX DEMAND: 5kVA / 415V

LOT 250, #14 THE OAKS, BRIGADOON 6069

VEGETATION CLEARING REQUIREMENTS

DESIGNER: [redacted]
DESIGN TEAM: CCS RESI. SOL - PER
EMAIL: [redacted]
TEL: [redacted]
DATE: 07/26 SCALE: AS NOTED @ A1
GEO REF: Lat. - 31°46'38" S Long. - 116°04'44" E

western power
DRAWING NUMBER
MP221322
SHEET 02 OF 02
REV: A ORIGINAL SIZE - A1