

DETAIL A

1:500

10 5 0 10 20 30 40

CRITICAL RISK MANAGEMENT

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NO DESIGN CHANGES
WITHOUT MANAGER APPROVAL

WESTERN POWER SCOPE OF WORKS

1. INSTALL NEW UNI PILLAR ON LOT 689 AS PER CUSTOMER'S PEGGED LOCATION AND PILLAR EXCLUSION ZONE DETAIL.
   CU = LU11 x 1,
   DCSH = U9
2. INSTALL NEW 240LV CABLE FROM NEW UNI PILLAR ON LOT 689 TO EXISTING UNI PILLAR ON LOT 25.
   CU = CN45 x 170m, CN73_LVMAIN x 3, CN54 x 2
3. TERMINATE NEW 240LV CABLE TO BOTTOM BAR OF EXISTING UNI PILLAR ON LOT 25.
   CU = LU7_240 x 1
4. TERMINATE NEW 240LV CABLE TO BOTTOM BAR OF NEW UNI PILLAR ON LOT 689.
   CU = LU7_240 x 1
5. ENVIRONMENTAL FILTER CHECKED

   THE FOLLOWING ENVIRONMENTAL ISSUES HAVE BEEN IDENTIFIED FOR THIS PROJECT. ALL RELEVANT PERMITS / PROCEDURES MUST BE OBTAINED / ADHERED TO:

   1. VEGETATION:
   REFER TO CUSTOMER SOW G FOR DETAILS.

   2. CONSTRUCTION NOISE:
   STANDARD CONSTRUCTION NOISE MANAGEMENT MEASURES APPLY. IF THE PROPOSED WORKS ARE TO BE UNDERTAKEN OUTSIDE OF 07:00 -19:00 ON ANY OTHER DAY WHICH IS NOT A SUNDAY OR A PUBLIC HOLIDAY AND/OR ARE LOCATED NEAR MAJOR SENSITIVE RECEIVERS, CONSULTATION WITH THE LOCAL GOVERNMENT AUTHORITY WILL BE REQUIRED TO DETERMINE MITIGATION MEASURES AND REQUIREMENTS FOR A NOISE MANAGEMENT PLAN.

   3. ABORIGINAL HERITAGE:
   REFER TO CUSTOMER SOW G FOR DETAILS.

CUSTOMER SCOPE OF WORKS

A. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WESTERN AUSTRALIAN DISTRIBUTION CONNECTIONS MANUAL.

B. 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.

C. CUSTOMER MUST COMPLY WITH POWER QUALITY LIMITS AS PER SA/SNZ 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 BACK BLOCKS. MAX SIZE CONSUMER MAINS THAT CAN BE TERMINATED IS 35mm2/PHASE.

E. CUSTOMER MSB MUST BE WITHIN 30m FROM PILLAR.

F. 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.

G. ENVIRONMENTAL INFO:

VEGETATION:
BEING A CUSTOMER FUNDED PROJECT, THE CUSTOMER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CLEARING APPROVALS AND, PRIOR TO WESTERN POWER COMMENCING WORKS, THE CUSTOMER IS REQUIRED TO PROVIDE A COPY OF EITHER:
- A CLEARING PERMIT ISSUED IN THE CUSTOMER'S NAME; OR
- A REFERRAL DETERMINATION NOTICE ISSUED BY DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER) CONFIRMING A CLEARING PERMIT IS NOT REQUIRED BY THE CUSTOMER; OR
- WRITTEN DETAILS OF A RELEVANT CLEARING PERMIT EXEMPTION AND SUPPORTING DOCUMENTS (REGULATOR CORRESPONDENCE/LANDOWNER EXEMPTION CLEARING LETTER)
THE ABOVE MUST INCLUDE RELEVANT DEVELOPMENT APPROVALS FOR THE WORKS (I.E. BUILDING APPROVALS FOR A STRUCTURE THAT REQUIRES CLEARING TO CONSTRUCT), IF REQUIRED. APPROVALS / EXEMPTIONS CAN BE SENT TO THE SAFETY, HEALTH AND ENVIRONMENT (SHE) ENVIRONMENT TEAM VIA ENVIRONMENT@WESTERNPOWER.COM.AU FOR REVIEW AND SUITABILITY CONFIRMATION. ALLOW 10 BUSINESS DAYS FOR ENVIRONMENT TEAM TO REVIEW. TO ENABLE THE CUSTOMER TO OBTAIN CLEARING APPROVALS, WESTERN POWER MUST PROVIDE THE CUSTOMER WITH A DRAWING SHEET OF THE VEGETATION CLEARING REQUIRED VEGETATION CLEARING TEMPLATE (SEE CAD CONFORM SEED FILES), ANY PHOTOS AND/OR SHAPEFILES SHOWING THE EXACT LOCATION(S) WHERE CLEARING IS REQUIRED.

REFER TO SHEET 2 FOR FURTHER DETAILS.

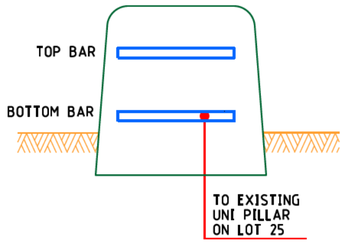
ABORIGINAL HERITAGE:
THE IDENTIFIED PROJECT AREA DOES NOT INTERSECT ANY KNOWN ABORIGINAL HERITAGE SITES. HOWEVER, THE CUSTOMER IS RESPONSIBLE FOR COMPLETING THEIR OWN DUE DILIGENCE ASSESSMENT OF POTENTIAL ABORIGINAL HERITAGE IMPACTS AND ADVISING
WESTERN POWER OF ANY COMPLIANCE REQUIREMENTS THAT APPLY.

LEGEND

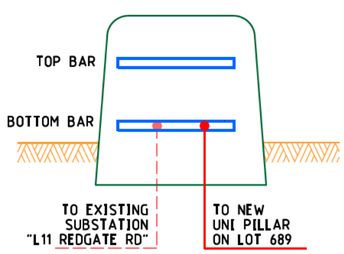
LV-SL CABLES
- CN45 - 240mm2 (1x3c)
- CN44 - 185mm2 (1x3c)
- CN43 - 120mm2 (1x3c)
- CN42 - 25mm2 (1x3c)
- CN41 - 16mm2 SL (1c)
- 40 C PILOT
- EXISTING LV CABLES (SIZE AND TYPE INDICATED)

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
- SUCH Serviced Uncleared De-energised Lot

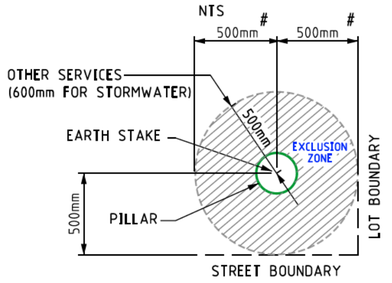
NEW UNI PILLAR CONNECTION DETAIL
LOT 689
NTS



EXISTING UNI PILLAR CONNECTION DETAIL
LOT 25
NTS



TYPICAL PILLAR EXCLUSION ZONE
NTS



500mm to either side boundary (B)

ISSUED FOR CONSTRUCTION

TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

CONSULTANT CONTACT DETAILS
COMPANY NAME: INTEGRATED ELECTRICAL

Rev.	REVISIONS	DRN	DATE	REFERENCE FILE DETAILS
				SHE ASSESSMENT FILTER REPORT
A	ISSUED FOR CONSTRUCTION	D.A.	06/26	HAZARD MANAGEMENT REGISTER

NEW RESIDENTIAL SUPPLY

MAX DEMAND: 5kVA/415V

LOT 689, #166 REDGATE RD, WITCHCLIFFE, 6286

NETWORK VOLTAGE: 22kV

DESIGNER: CUSTOMER CONNECTION DESIGN
DESIGN TEAM: CCS RESI. SOL - PER
EMAIL:
TEL:
DATE: 06/26
SCALE: AS NOTED @ A2
GEO REF: Lat. - 34°1'30" S
Long. - 115°4'53" E

western power

DRAWING NUMBER
SP053066
SHEET 01 OF 02

REV: A
ORIGINAL SIZE - A2



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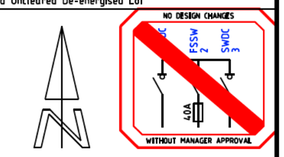
LEGEND

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- 100/200AMP CUTOUT
- CONDUIT / POLY PIPE
- SUCN Serviced Uncleared De-energised Lot



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.

DETAIL A 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.

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.

VEGETATION CLEARING CO-ORDINATES IN MGA94-50

PEG NO.	EASTING	NORTHING
1	322899.691	6233514.274
2	322902.691	6233514.274
3	322901.171	6233433.309
4	322904.194	6233432.106
5	322895.218	6233427.243
6	322896.478	6233424.244
7	322885.464	6233427.235
8	322884.767	6233424.235
9	322859.583	6233439.972
10	322858.258	6233437.28
11	322845.585	6233449.307
12	322844.945	6233446.119
13	322835.784	6233444.278
14	322835.192	6233447.219

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western power

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SHEET 02 OF 02

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