

WESTERN POWER SCOPE OF WORKS

- INSTALL NEW UNI PILLAR ON LOT 861 AS PER CUSTOMER'S PEGGED LOCATION AND PILLAR EXCLUSION ZONE DETAIL. INSTALL NEW 250A FUSE.

 CU = LU11 x 1

 NON-CU = GF2131 x 3, GF0260 x 3
- INSTALL NEW 240LV CABLE FROM POLE S767656 TO NEW UNI PILLAR ON LOT 861.

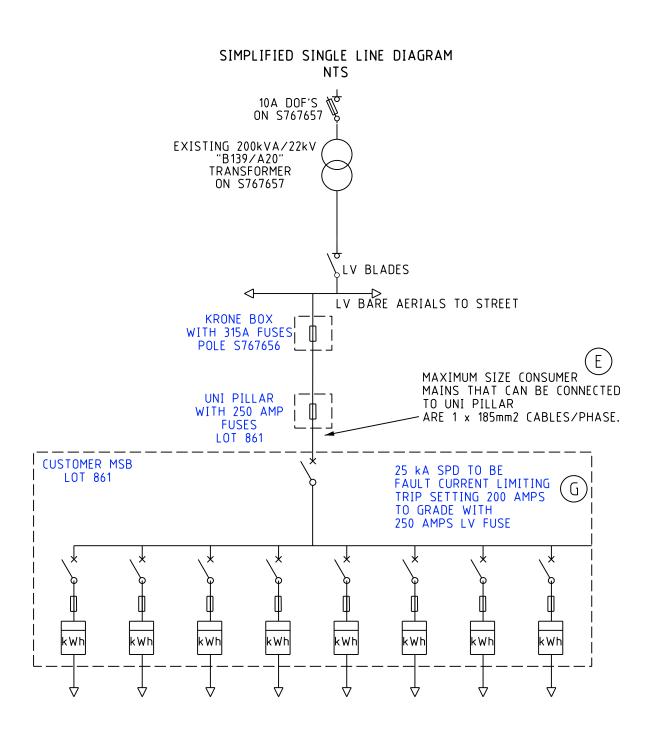
 JOINT CABLE WHERE NECESSARY AND MARK JOINT LOCATION ON AS-CON DRAWING.

 CU = CN45 x 275m, CN54 x 3, CN73_LVMAINS x 6, LU2 x 1
- AT POLE \$767656:
 INSTALL NEW KRONE BOX WITH 315A FUSES
 TERMINATE NEW 240LV CABLE VIA NEW KRONE BOX WITH 315A FUSES.

 CU = CN70_150 x 4, CN9_7/475AA x 4, LU37_2400 x 1, LU37_240U x 1

 NON-CU = GF1101 x 3

 DCSH = U16-1
- TERMINATE NEW 240LV CABLE TO BOTTOM BAR OF NEW UNI PILLAR ON LOT 861.
- TERMINATE CUSTOMER'S CABLE TO THE TOP BAR OF NEW UNI PILLAR ON LOT 861 IN CONJUNCTION WITH THE CUSTOMER'S ELECTRICAL CONTRACTOR.
- (6) REMOVE EXISTING CUSTOMER AERIAL SERVICE FROM POLE S765634 TO LOT 861.
- 7 PNO TO PEG VEGETATION CLEARING AREAS AS PER DETAILS A AND B ON VEGETATION CLEARING SHEET (SHEET 2 OF 2)
- 8 ENVIRONMENTAL FILTER CHECKED
- NO ENVIRONMENTAL ISSUES HAVE BEEN IDENTIFIED FOR THIS PROJECT.

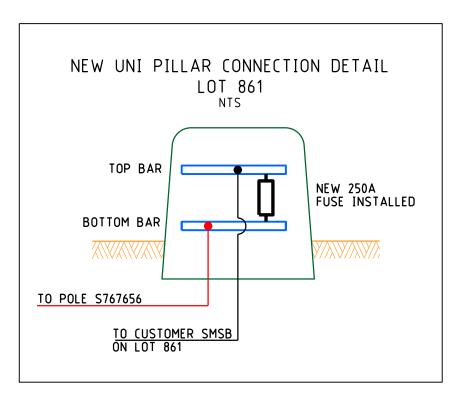


CUSTOMER SCOPE OF WORK

LOCATION PRIOR TO CONSTRUCTION.

- 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
 - ONLY EASILY REMOVABLE SURFACE TREATMENT IS TO BE INSTALLED IN THIS AREA, SUCH AS BRICK PAVING.
 CLEAR OF ALL SERVICES INCLUDING CONTAMINATED SOIL,
- 4. LOCATED 300mm ABOVE 100 YEAR FLOOD LEVEL AND NOT IN A PRECARIOUS POSITION.
- (C) CUSTOMER MSB MUST BE WITHIN 30m OF NEW PILLAR.
- 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, OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR, TO TERMINATE ALL CONSUMER MAINS TO THE UNI PILLAR TOP BAR. MAX SIZE CONSUMER MAINS THAT CAN BE TERMINATED IS 185mm2/PHASE.
- F CUSTOMER IS RESPONSIBLE TO ARRANGE FOR WESTERN POWER ELECTRICAL CONTRACTOR SERVICE REQUEST OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR, TO INSTALL 8 x DIRECT METERS IN THE SWITCHBOARD PRIOR TO SUPPLY BEING ENERGISED.
- GUSTOMER ELECTRICAL CONTRACTOR TO ENSURE CUSTOMER'S SPD GRADES WITH WESTERN POWER'S UPSTREAM PROTECTION AS NOTED ON THE SIMPLIFIED LINE DIAGRAM.
- (USTOMER ELECTRICAL CONTRACTOR IS TO SUPPLY SUITABLE LUGS AND CRIMPING TOOLS FOR TERMINATION OF CUSTOMERS CABLE.
- (USTOMER IS TO CLEAR PLANTS AND AREA AROUND NEW PILLAR LOCATION.
- CUSTOMER TO INSTALL NON-CORROSIVE BOLLARDS ADJACENT TO THE PILLAR AS PER THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS CLAUSE 12.5.3.
- (USTOMER IS REQUIRED TO ORGANISE ALL PERMITS AN VEGETATION CLEARING AT NO COST TO WESTERN POWER. REFER TO VEGETATION CLEARING SHEET FOR DETAILS



OTHER SERVICES
(600mm FOR STORMWATER)

PILLAR

STREET BOUNDARY

CONSULTANT CONTACT DETAILS

LEGEND

LV-SL CABLES

OH EQUIPMENT

O INTERMEDIATE Ø PTS

HV ISOLATOR

DISCONNECTOR

ISOL TX

OH OUTRIGGER

EXISTING (

(M) UMS PIT

(SP) BGSP PIT

UTILITIES PIT

■ 100/200AMP (UTOUT)

GROUND STAY

SECTIONALISER

LV ABC KRONE

STREETLIGHT

POLE BRACKET

SINGLE OUTREACH

DOUBLE OUTREACH

4-WAY

EXISTING HV CABLES (SIZE AND TYPE INDICATED)

CN45 - 240mm2 (1x3c) — CN44 - 185mm2 (1x3c) —

CN43 - 120mm2 (1x3c)

CN42 - 25mm2 (1x3c)

(SIZE AND TYPE INDICATED)

STRAIN

RECLOSER

SWITCH

CAPACITOR

STREET LIGHTS

MINI (WORKING END)

U UNIVERSAL

POLE BRACKET

OOO# DOUBLE OUTREACH

SINGLE OUTREACH

Serviced Uncleared De-energised Lot

NEW POLE (ANY TYPE AS INDICATED)

- ALPHA CHARACTER DENOTES STREET LIGHT TYPE.

REFER STREET LIGHT SCHEDULE FOR POLE & LUMINAIRE DETAILS

PILLARS / PITS / ETC

CABLE MARKER U/G CONDUIT / POLY PIPE

AERIAL CONDUCTORS AND POLES

EXISTING POLE (ANY TYPE AS INDICATED)

HV LV EXISTING AERIAL CONDUCTORS (SIZE AND TYPE INDICATED)

PTT

STAY

CN41 - 16mm2 SL (1c) -

TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

COMPANY NAME: DECOBU
CONTACT: KANNAN RAJENDIRAN TEL: 0416 776 114

DESIGNER: CUSTOMER CONNECTION DESIGN
Westernam

NEW PILLAR INSTALLATION 200A/415V - NETWORK VOLTAGE: 22kV LOT 861, #24 BRINDLEY ST, AUGUSTA

DESIGN DRAWING

EMAIL: ccs.sbm.qat@westernpower.com.au

TEL: 13 10 87

DATE: 03/25 SCALE: AS NOTED @

GEO REF: Lat. - 34°19'00" S
Long. - 115°08'51" E

DESIGN TEAM: CCS SBM QAT - PER

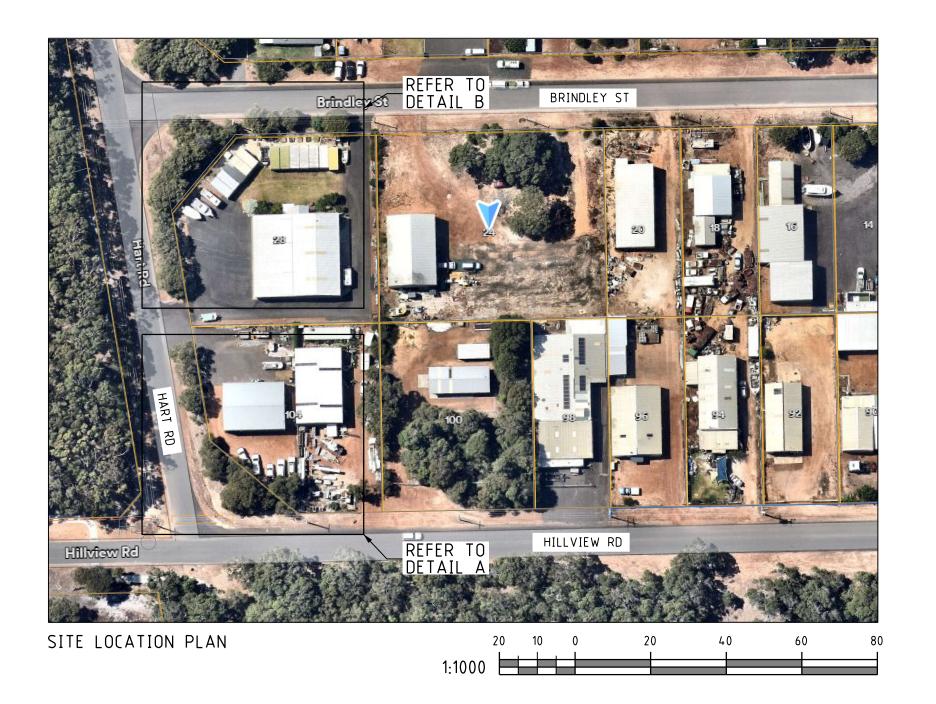
westernpower

DRAWING NUMBER

SP051827

SHEET 01 OF 02

REV: A ORIGINAL SIZE - A



VEGETATION CLEARING CO-ORDINATES IN MGA94-50		
PEG NO.	EASTING	NORTHING
1	329498.748	6201087.296
2	329475.377	6201106.771
3	329471.209	6201101.769
4	329494.58	6201082.293
5	329476.034	6201109.78
6	329473.348	6201131.385
7	329464.218	6201130.25
8	329466.903	6201108.645
9	329470.645	6201144.346
10	329467.478	6201169.822
11	329458.348	6201168.687
12	329461.515	6201143.211
13	329468.16	6201171.227
14	329481.455	6201185.99
15	329474.618	6201192.147
16	329461.321	6201177.377
17	329483.498	6201185.991
18	329513.414	6201186.059
19	329513.398	6201193.037
20	329483.482	6201192.969





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)
- 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.

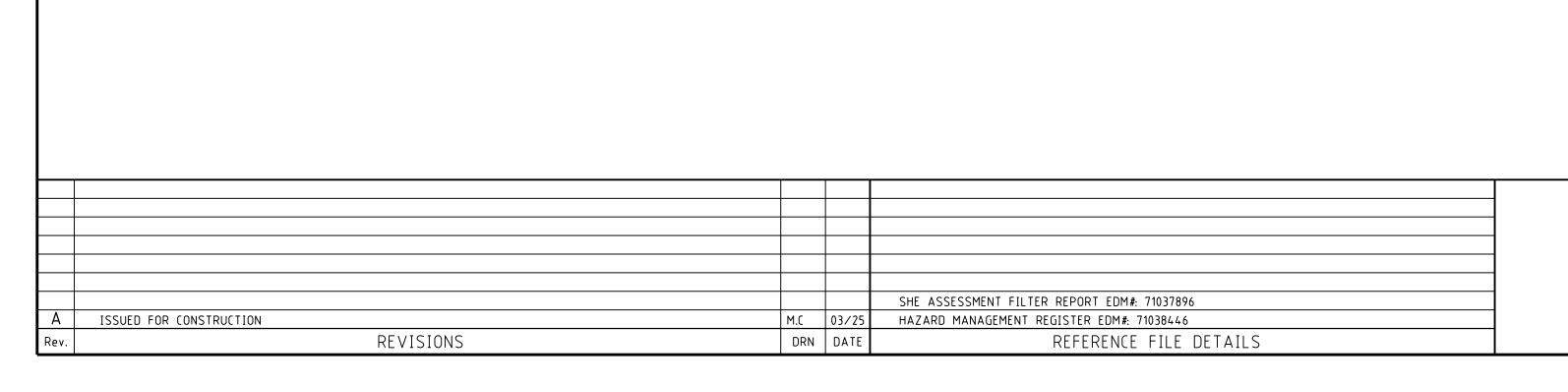
DETAIL A OF 408m2 AND DETAIL B OF 624m2 IS THE AREA (TOTAL OF DETAIL A & DETAIL B IS 1032m2) IN WHICH A CLEARING PERMIT IS REQUIRED, WHICH WILL ALLOW FOR THE WORKS TO PROCEED. THE AREA THAT IS DEFINED IS THE OPERATIONAL POTENTIAL IMPACT OF PERFORMING THE CONSTRUCTION WORKS. THIS PERMIT ALLOWS FOR INADVERTENT DESTRUCTION OF VEGETATION AND IS NOT REQUIRED BY THE LANDOWNER TO CLEAR PRIOR TO WORKS PROCEEDING.

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
- 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.



NEW PILLAR INSTALLATION

200A/415V NETWORK VOLTAGE: 22kV LOT 861, 324 BRINDLEY ST, AUGUSTA

VEGETATION CLEARING REQUIREMENTS

DESIGNER: CUSTOMER CONNECTION DESIGN

DESIGN TEAM: CCS SBM QAT - PER

EMAIL: ccs.sbm.qat@westernpower.com.au

TEL: 13 10 87

DATE: 03/25 SCALE: AS NOTED @ A1

GEO REF: Lat. - 34°19'00" S

Long. - 115°08'51" E



SHEET 02 OF 02

REV: A ORIGINAL SIZE - A1

LEGEND

CN53 - 400mm2 (3X1c) — — — — —

OH EQUIPMENT

HV ISOLATOR

DISCONNECTOR

ISOL TX

OH OUTRIGGER

GROUND STAY

SECTIONALISER

LV ABC KRONE

STREETLIGHT BOX

POLE BRACKET

SINGLE OUTREACH

DOUBLE OUTREAC

EXISTING (

UTILITIES PIT

■ 100/200AMP CUTOUT

(SP) BGSP PIT

- ALPHA CHARACTER DENOTES STREET LIGHT TYPE.

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INLINE STRAIN

PTT

STREET LIGHTS

MINI (WORKING END)

UNIVERSAL

••• SINGLE OUTREACH

O- DOUBLE OUTREACH

RECLOSER