## TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

ST**ELL**A RE

CABLE ROUTE

ADELAIDE ST





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.

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 PILLAR BACK BLOCKS, MAX SIZE CONSUMER MAINS THAT CAN BE TERMINATED IS 35mm2/PHASE.

4. LOCATED 300mm ABOVE 100 YEAR FLOOD LEVEL AND NOT IN A PRECARIOUS POSITION.

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 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 EDM 46147597)

THIS ALSO INCLUDES RELEVANT DEVELOPMENT APPROVALS FOR THE WORKS (I.E. BUILDING APPROVALS FOR A STRUCTURE THAT REQUIRES CLEARING TO CONSTRUCT). APPROVALS / EXEMPTIONS CAN BE SENT TO THE SEQT ENVIRONMENT TEAM VIA ENVIRONMENT@WESTERNPOWER.COM.AU FOR REVIEW AND SUITABILITY CONFIRMATION. ALLOW 10 BUSINESS DAYS FOR ENVIRONMENT TEAM TO REVIEW.

CUSTOMER SHALL UNDERTAKE ANY NECESSARY FLORA SURVEYS AND IF REQUIRED OBTAIN RELEVANT APPROVALS TO CLEAR THREATENED OR PRIORITY FLORA. ALL SURVEYS AND APPROVALS SHALL BE PROVIDED TO WESTERN POWER FOR RECORDKEEPING AND REVIEW.

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.

NATIVE TITLE.
CUSTOMER SHOULD UNDERTAKE DUE DILIGENCE TO DETERMINE
WHETHER APPROVALS ARE REQUIRED AND PROVIDE EVIDENCE TO
WESTERN POWER PRIOR TO THE COMMENCEMENT OF WORKS. THE
CUSTOMER IS RESPONSIBLE FOR ISSUING THE NOTIFICATION IF ONE
IS REQUIRED.

HERITAGE.
CUSTOMER IS RESPONSIBLE FOR UNDERTAKING CONSULTATION WITH DPLH AND/OR OBTAINING ANY APPROVALS. THE CUSTOMER MUST PROVIDE A COPY OF ANY ASSOCIATED APPROVAL TO WESTERN POWER PRIOR TO THE COMMENCEMENT OF WORK.

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.

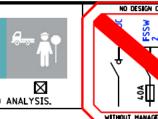
M CUSTOMER TO INSTALL A NEW SMSB WITHIN 30m OF THE POINT OF

CUSTOMER RESPONSIBLE TO REMOVE CUSTOMERS POLE AFTER COMPLETION OF WORK.

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

REFER TO SHEET 2 FOR MORE DETAILS.

CUSTOMER SCOPE OF WORK



LEGEND \_\_\_\_ RETAINING WALL RESTRICTED ZONE EASEMENT

HV CABLES CN53 - 400mm2 (3X1c) — — — — — CN49 - 240mm2 (3X1c) — — — — — CN47 - 35mm2 (1c) -----EXISTING HV CABLES
(SIZE AND TYPE INDICATED)

CN43 - 120mm2 (1x3c) -CN42 - 25mm2 (1x3c) 

LEGEND DEFINES TYPE & WATTAGE - NOT COLOUR

MINI (WORKING END)

(M) UMS PIT UTILITIES PIT SP BGSP PIT LINK ✓ 100/200AMP CUTOUT △ CABLE MARKER U/G CONDUIT / POLY PIPE Serviced Uncleared De-energised Lot AERIAL CONDUCTORS AND POLES

PILLARS / PITS / ETC

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

TRANSFORMER EXISTING SWITCHGEAR OH EQUIPMENT O INTERMEDIATE Ø PTS

**HV ISOLATOR** DISCONNECTOR 

PTT ISOL TX OH OUTRIGGER O-O STAY

GROUND STAY

SECTIONALISER SWITCH

FLOWLINE FUSE

W.A.P.C. REFERENCE No. 163558

HIGH VALUE COMMS CABLE IN VICINITY OF WORKS HIGH VALUE COMMS CABLE

IN VICINITY OF WORKS CRITICAL WATER MAINS

IN VICINITY OF WORKS

ISSUED FOR CONSTRUCTION

CUSTOMER CONTACT DETAILS COMPANY NAME: N/A

CONTACT: BELINDA CHAMBERS TEL: N/A CONSULTANT CONTACT DETAILS

DESIGNER: CUSTOMER CONNECTION DESIGN ESIGN TEAM: CCS SBM QAT - GHD MAIL: ccs.sbm.gal@westernpower.com.au 13 10 87

westernpower

NP031839 SCALE; AS NOTED @ A1 GEO REF: Lat. - 28°42'50.8" ! SHEET 01 OF 02 Long. - 114°37′48.3″ E REV: A ORIGINAL SIZE - A

CM TO COMPLY WITH SIGNED CONDITIONAL AGREEMENT-REFER EDM #

INSTALL NEW MINI PILLAR ON LOT 7, #89 ALEXANDER DR AS PER TYPICAL PILLAR EXCLUSION ZONE AND CABLE ROUTE DETAIL.

INSTALL NEW 25LV CABLE FROM POLE S428235 TO NEW MINI PILLAR.
REFER CABLE ROUTE DETAIL. (ABLE SHALL BE INSTALLED VIA
DIRECTIONAL DRILLING METHOD, TO A MINIMUM DEPTH OF 1.5m COVER
FOR THE FULL WALLEY OF ROAD CROSSING.

AT POLE \$428235
INSTALL NEW 25kVA/19.1kV PTTX.
TAP PTTX HV BUSHINGS TO EXISTING HV BARE.
CONFIGURE NEW PTTX LV BUSHINGS TO 240V ARRANGEMENT.

TERMINATE 25LV CABLE ONTO THE EXISTING POLE \$428235 VIA 80A FLOWLINE FUSE. REFER TO CABLE ROUTE DETAIL.

1. VEGETATION.
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 REQUIREMENTS TEMPLATE EDM 50997884) AND ANY PHOTOS OR GIS SHAPEFILES, SHOWING THE EXACT LOCATION(S) WHERE CLEARING IS REQUIRED.
REFER TO CLEARING PERMIT WORK INSTRUCTION (EDM 43938228) FOR FURTHER DETAILS.

6. HERITAGE.
THE PROJECT INTERSECTS ONE HISTORIC HERITAGE SITE:
NORTHAMPTON RAILWAY PRECINCT. THIS SITE IS PROPOSED TO BE
LISTED ON THE STATE REGISTER OF HERITAGE PLACES. BEING A
CUSTOMER FUNDED PROJECT, THE CUSTOMER IS RESPONSIBLE FOR
UNDERTAKING CONSULTATION WITH DPLH AND/OR OBTAINING ANY
APPROVALS. THE CUSTOMER MUST PROVIDE A COPY OF ANY
ASSOCIATED APPROVAL TO WESTERN POWER PRIOR TO THE
COMMENCEMENT OF WORK.

WESTERN POWER SCOPE OF WORK

POSSESSION OF SITE CERTIFICATE IS TO BE REQUESTED, AND MAIN ROADS DOCUMENT D24#584114 'SEEKING APPROVAL TO UNDERTAKE WORKS WITHIN THE ROAD RESERVE' TO BE COMPLETED.

5 TERMINATE 25LV CABLE INTO THE NEW MINI PILLAR ON LOT 7 ALEXANDER DR. REFER TO CABLE ROUTE DETAIL.

REMOVE EXISTING OVERHEAD CUSTOMER SERVICE WIRE FROM POLE \$428276. CM TO COORDINATE MAINS TERMINATION WITH PILLAR ENERGISATION AND OVERHEAD CUSTOMER SERVICE WIRE REMOVAL AS REQUIRED.

7 ENVIRONMENTAL FILTER CHECKED

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

2. FLORA. THE CUSTOMER SHALL UNDERTAKE ANY NECESSARY FLORA SURVEYS AND IF REQUIRED OBTAIN RELEVANT APPROVALS TO CLEAR THREATENED OR PRIORITY FLORA. ALL SURVEYS AND APPROVALS SHALL BE PROVIDED TO WESTERN POWER FOR RECORDKEEPING AND REVIEW.

3. UNEXPLODED ORDNANCE.
THE PROJECT IS LOCATED IN AN AREA PREVIOUSLY USED FOR MILITARY ACTIVITIES. (RED PEAK, WHITE PEAK ARTILLERY RANGE, BULLER RIVER ARTILLERY RANGE). THE AREA IS ALREADY DEVELOPED FOR A ROAD RESERVE; HOWEVER, A SLIGHT POSSIBILITY EXISTS THAT DANGEROUS ITEMS OF UNEXPLODED ORDNANCE (UXO) MAY STILL BE FOUND ON THIS SITE. UXO RISK SHOULD BE NOTED ON THE WESTERN POWER DESIGN DRAWING. BE MINDFUL OF ANY UNEXPECTED FINDS AND MANAGE IN ACCORDANCE WITH THE EXCAVATION AND TRENCHING PROCEDURE (EDM 43740956).

ABORIGINAL HERITAGE.
THE IDENTIFIED PROJECT AREA DOES NOT INTERSECT ANY KNOWN ABORIGINAL HERITAGE SITES, AND THE WORKS ARE OCCURRING IN A DEVELOPED ROAD RESERVE, ON THIS BASIS, WESTERN POWER'S SCOPE OF WORK IS CONSIDERED UNLIKELY TO IMPACT ABORIGINAL HERITAGE VALUES, 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.

7. LAND ACCESS.

NEW ASSETS ARE BEING PLACED ON PRIVATE PROPERTY AS PART OF THIS PROJECT. CONSULT WITH ILAND ACCESS! TO CONFIRM APPROPRIATE NOTIFICATION REQUIREMENTS (E.G. NOTICE OF

PLEASE REFER TO THE ENVIRONMENTAL DRAWING AND ADVICE (EDM #67944532) FOR MORE INFORMATION.

25kVA/19,1kV PTTX 14 6 6 5 1078935 K1 02/16/8 PROPOSED LOT 1
1 x 4.7kVA DADMD

C D E F G

H I J K M 15BC-PROPOS**E**D **LOT** 2 1 x 4.7kVA DADMD S428235 CJKMNEW 25kVA/19.1kV PTTX L501

SITE LOCATION PLAN

TYPICAL PILLAR EXCLUSION ZONE

STREET BOUNDARY

S428238

S1066149

S428236

80 BEATTIE RD

CABLE ROUTE PLAN

OTHER SERVICES-

S428276

S8264728

(600mm FOR STORMWATER)

EARTH STAKE -

PILLAR

# 500mm to either side boundary

HAZARD MANAGEMENT REGISTER EDM: # 67860365 ISSUED FOR CONSTRUCTION REFERENCE FILE DETAILS REVISIONS DRN DATE

## RESIDENTIAL GREENTITLE SUBDIVISION

2 x 4.7kVA DADMD - NETWORK VOLTAGE: 19.1kV/240V

LOT 7, #89 ALEXANDER DR, GLENFIELD WA 6532 DESIGN DRAWING



SITE LOCATION



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;

- . 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. EARLY AND CONTINUAL ENGAGEMENT WITH WESTERN POWER ENVIRONMENT TEAM TO HIGHLIGHT PROPOSED RISKS AND AVOID WHERE POSSIBLE
- 9. USING LARGER LINE SPANS THAT CAN SPAN OVER VEGETATION
- 10. USING STRUCTURES WITH SMALLER FOOTPRINTS
- 11. 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 105m2 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.

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.

CLEARING AREA-SURVEY PEG SCHEDULE			
POINT ID	CLEARING AREA	SURVEY PEG LOCATION	
		EASTING	NORTHING
А	AREA 1	268525.86784	6821359,57935
В	AREA 1	268525,91192	6821357.36258
С	AREA 1	268551,27291	6821360.08442
D	AREA 1	268567,88391	6821357,86766
E	AREA 2	268567,88391	6821360.41463
F	AREA 2	268567,95001	6821357.08949
G	AREA 2	268578,63221	6821360,62829
Н	AREA 2	268578,69831	6821357,30314



A ISSUED FOR CONSTRUCTION

I.D. 04/24 HAZARD MANAGEMENT REGISTER EDM#: 67860365

EV. REVISIONS

DRN DATE

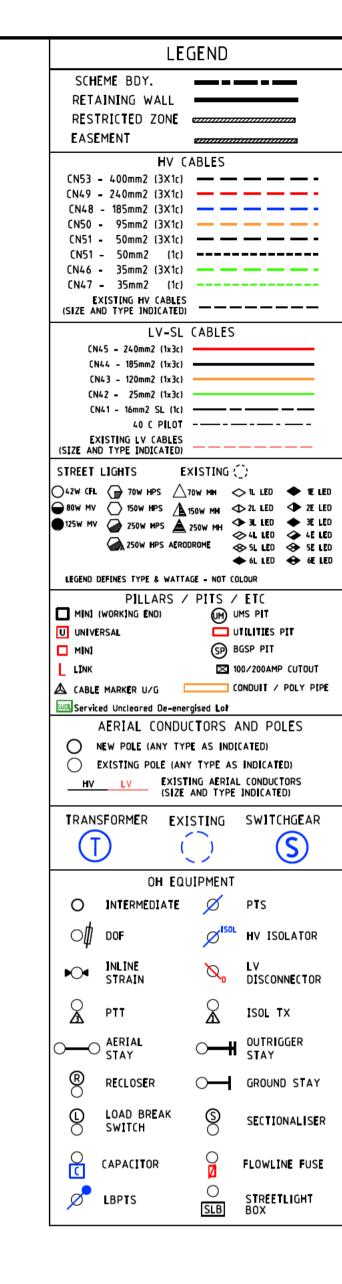
REFERENCE FILE DETAILS

## RESIDENTIAL GREENTITLE SUBDIVISION

2 x 4.7kVA DADMD - NETWORK VOLTAGE: 19.1kV/240V

LOT 7, #89 ALEXANDER DR, GLENFIELD WA 6532

VEGETATION CLEARING REQUIREMENTS



ISSUED FOR CONSTRUCTION

CUSTOMER CONTACT DETAILS

COMPANY NAME: N/A

CONTACT: BELINDA CHAMBERS TEL: N/A

