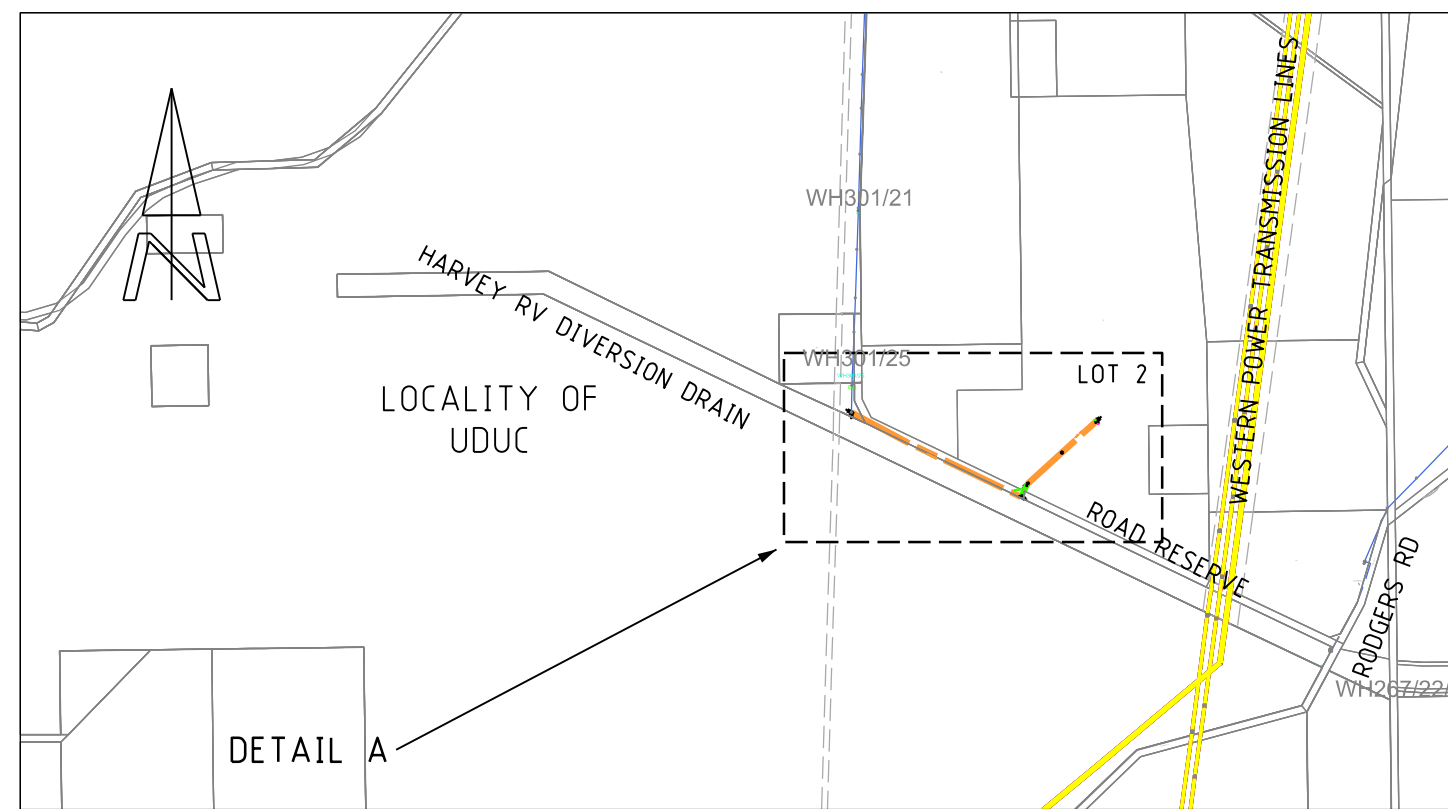
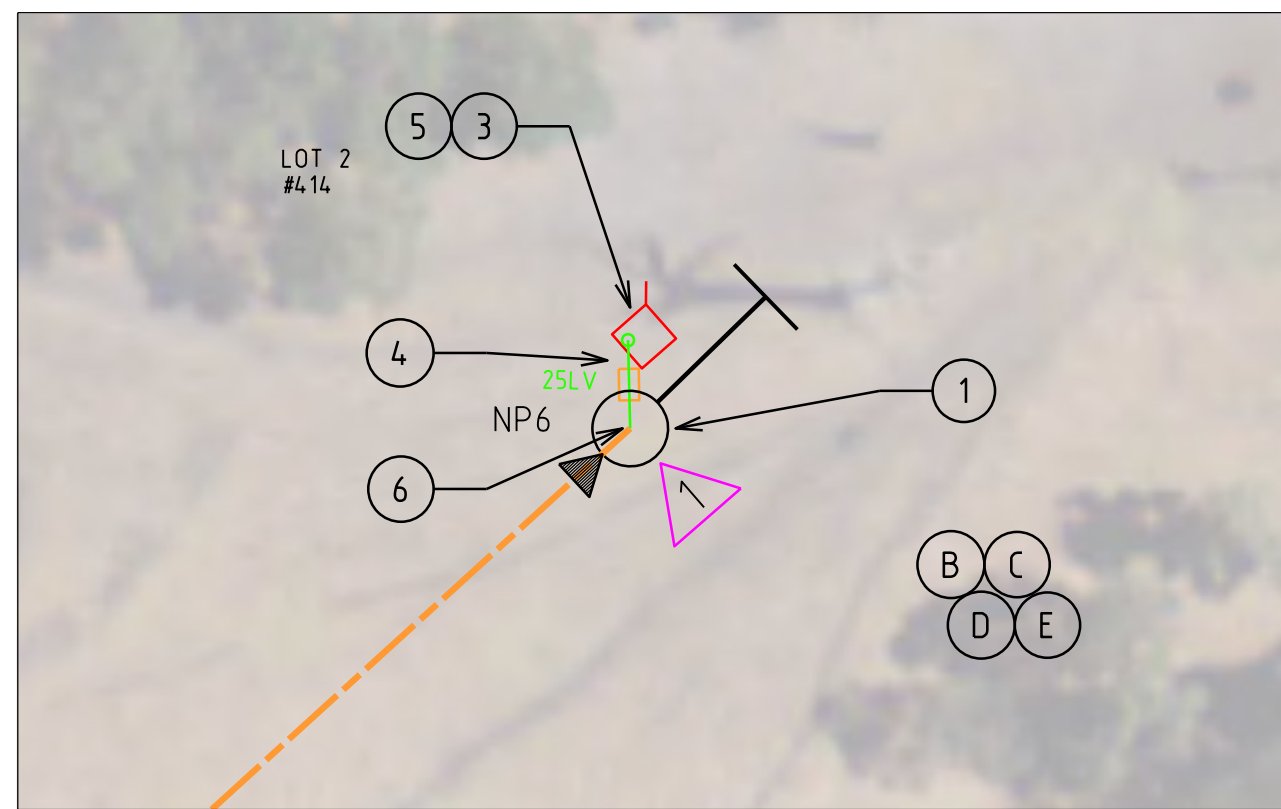


DESIGNED TO BE CONSTRUCTED DE-ENERGISED



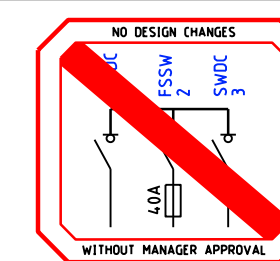
LOCATION

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DETAIL B

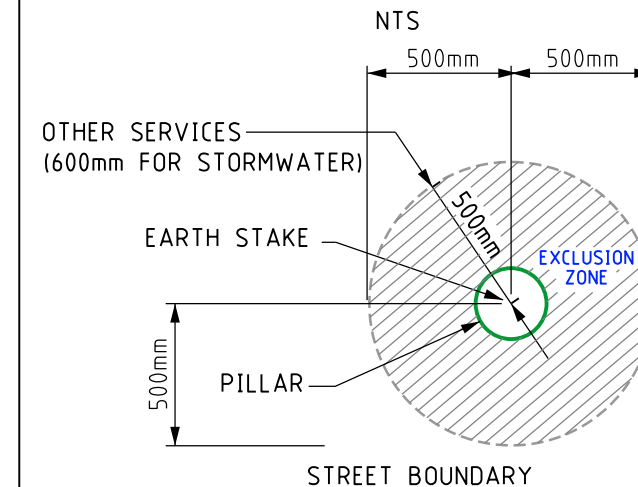
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WESTERN POWER SCOPE OF WORK (REFER SHEET 2)

CUSTOMER SCOPE OF WORK (REFER SHEET 2)

TYPICAL PILLAR EXCLUSION ZONE



GOLDEN SAFETY RULES ARE INDICATIVE ONLY



ALWAYS PERFORM A DETAILED HAZARD ANALYSIS

LEGEND

LV-SL CABLES

- CN45 - 240mm<sup>2</sup> (1x3c)
- CN44 - 185mm<sup>2</sup> (1x3c)
- CN43 - 120mm<sup>2</sup> (1x3c)
- CN42 - 25mm<sup>2</sup> (1x3c)
- CN41 - 16mm<sup>2</sup> SL (1c)
- 40 C PILOT

EXISTING LV CABLES (SIZE AND TYPE INDICATED)

- MINI (WORKING END)
- UNIVERSAL
- MINI
- LINK
- CABLE MARKER U/G
- UMS PIT
- UTILITIES PIT
- 100/200AMP CUTOUT
- CONDUIT / POLY PIPE

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

HV - AERIAL CONDUCTORS

- 19/3.25 AAC/AAAC
- 7/4.75 AAC/AAAC
- 7/2.5 AAC/AAAC
- 3/2.75 SCAC
- 150 HENDRIX

EXISTING HV CONDUCTORS (SIZE AND TYPE INDICATED)

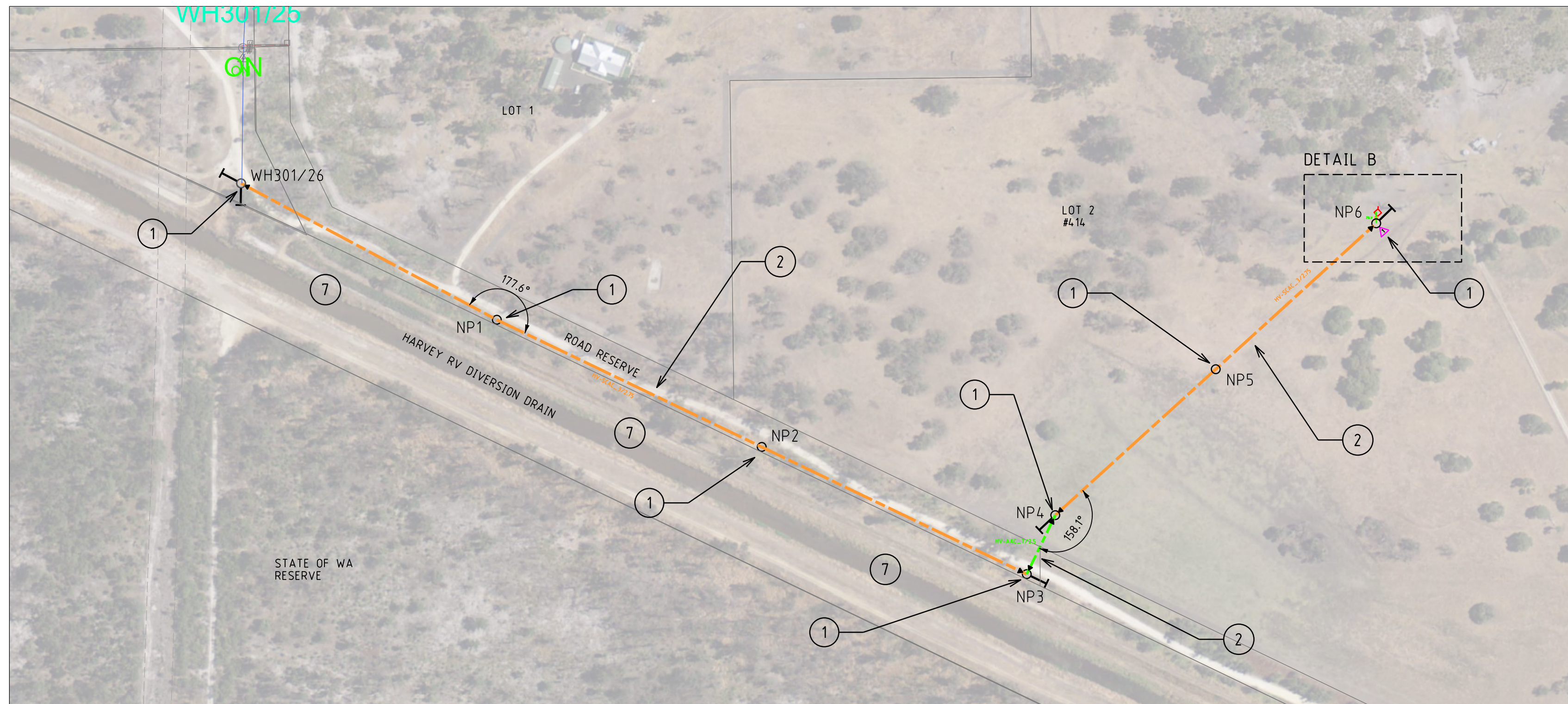
ISSUED FOR CONSTRUCTION

CONSULTANT CONTACT DETAILS

COMPANY NAME: WA COUNTRY BLDGS & RURAL BLDNG CO  
REFERENCE NO:  
CONTACT: MR HARRY LEESE TEL: 0424 181 134

CUSTOMER CONTACT DETAILS

CONTACT: K DRIVER/M GRAHAM TEL: 0424 102 737



DETAIL A

1:2000

STANDARD RURAL RESIDENTIAL SUPPLY

32A 1PH 240V - 5KVA ADMD

LOT 2 #414 RODGERS ROAD (DP 71732) UDOC WA 6220

DESIGN DRAWING

westernpower

DESIGNER: NETWORK CONNECTION SRVCS

TEL: 13 10 87

DATE: 12/2021 SCALE: AS SHOWN @ A2

GEO REF: Lat. - 33°05'25.10" S  
Long. - 115°47'17.05" E

MAP REF:-

DRAWING NUMBER

SP049031

SHEET 01 OF 03

REV: A ORIGINAL SIZE - A2

Rev.	ISSUED FOR CONSTRUCTION	APM	12/21	HAZARD MANAGEMENT REGISTER EDM#: 58665127
1	SUBMITTED FOR ENGINEERING APPROVAL	APM	12/21	
Rev.	REVISIONS	DRN	DATE	FILE REFERENCE DETAILS



POLE SCHEDULE

POLE	POLE DESCRIPTION/NOTES	POLE DETAILS	CU	DCSH	EASTING	NORTHING
WH301_26	REPLACE POLE. INSTALL 3PH TERMINATION. INSTALL 1PH TERMINATION. INSTALL RE TERMINATION x2. INSTALL STAY FOR CONDUCTORS NORTH. INSTALL STAY FOR CONDUCTORS SOUTH EAST.	12.5M 6KN	P08_R, HV5, HV30, RE3 x2, ST1 x2, CN1 x4, CN9 x2.	H04-1 (W/O LOWER X-ARM)	EXISTING	EXISTING
NP1	INSTALL POLE. INSTALL 1PH INTERMEDIATE. INSTALL RE INTERMEDIATE ANGLE.	11M 4KN	P04, HV29, RE4, CN18 x2, CN74 x2.	H40-1	387045.572	6337970.55
NP2	INSTALL POLE. INSTALL 1PH INTERMEDIATE. INSTALL RE INTERMEDIATE. INSTALL DOWN EARTH.	11M 4KN	P04, HV29, HV34, RE1, CN18 x2, CN74 x2.	H40-1	387197.005	6337897.805
NP3	INSTALL POLE. INSTALL 1PH TERMINATION x2. INSTALL RE TERMINATION x2. INSTALL STAY FOR CONDUCTORS NORTH WEST.	11M 4KN	P04, HV30 x2, RE3 x2, ST1, CN1 x2, CN9 x2.	H44-1	387348.44	6337825.061
NP4	INSTALL POLE 1 M WEST OF LOT BOUNDARY. INSTALL 1PH TERMINATION x2. INSTALL RE TERMINATION x2. INSTALL LARGER TYPE STAY FOR CONDUCTORS NORTH EAST.	11M 4KN	P04, HV30 x2, HV36, RE3 x2, ST1_19/275W, CN1 x2, CN26, cn9 X2.	H44-1	387364.775	6337858.828
NP5	INSTALL POLE. INSTALL 1PH INTERMEDIATE. INSTALL RE INTERMEDIATE.	11M 4KN	P04, HV29, RE1, CN18 x2, CN74 x2.	H40-1	387456.483	6337942.285
NP6	INSTALL POLE. INSTALL 1PH TERMINATION. INSTALL RE TERMINATION. INSTALL 1PH 3A DOF. INSTALL 1PH TX. INSTALL STAY FOR CONDUCTORS SOUTH WEST.	11M 4KN	P04, HV30, HV52, RE3, TX5_10/12.7, ST1, CN1.	H47-1	387548.191	6338025.742

DESIGNED TO BE CONSTRUCTED DE-ENERGISED

CUSTOMER SCOPE OF WORK

- A

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

CUSTOMER MUST COMPLY WITH POWER QUALITY LIMITS AS PER AS61000.3.6 AND WESTERN POWER TECHNICAL REQUIREMENTS.
- C

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.

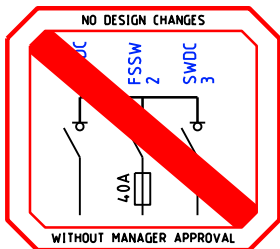
3. CLEAR OF ALL SERVICES INCLUDING CONTAMINATED SOIL, ASBESTOS ETC.

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

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.
- E

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

CUSTOMER IS RESPONSIBLE TO PROVIDE CLEARING PERMIT AND TO CLEAR VEGETATION. PLEASE REFER TO SHEET 3 - "VEGETATION INSTRUCTION" FOR MORE DETAILS.



GOLDEN SAFETY RULES ARE INDICATIVE ONLY



ALWAYS PERFORM A DETAILED HAZARD ANALYSIS

WESTERN POWER SCOPE OF WORK

- 1

REFER POLE SCHEDULE ON SHEET 2.
- 2

REFER CONDUCTOR SCHEDULE ON SHEET 2.
- 3

INSTALL MINI PILLAR ON L2 1M NORTH OF NEW POLE 6 AS PER ZONE EXCLUSION DETAIL (WACM CL. 12.5.3).

CU: LU10.

DCSH: U08-2
- 4

INSTALL 25LV CABLE FROM NEW POLE 6 TO NEW PILLAR ON L2.

CU: CN42x13m, CN54, CN73x2.
- 5

TERMINATE 25LV CABLE TO MINIPILLAR.

DCSH: U8-02
- 6

TERMINATE 25LV CABLE TO TX NEW POLE 6.

CU: LU61\_25\_2400, LU61\_25\_240U.

DCSH: U19-3.
- 7

ENVIRONMENTAL FILTER CHECKED

NO ENVIRONMENTAL ISSUES IDENTIFIED IN IMMEDIATE WORKING AREAS. NEARBY POTENTIAL ENVIRONMENTAL RISK AREAS ARE:

1. THREATENED ECOLOGICAL COMMUNITIES.

2. WESTERN RINGTAIL HABITAT SUITABILITY.

3. HERITAGE COUNCIL WA, MUNICIPAL INVENTORY

4. ACID SULPHATE SOILS.

5. CONSERVATION WETLAND, POTENTIALLY WET AREAS.

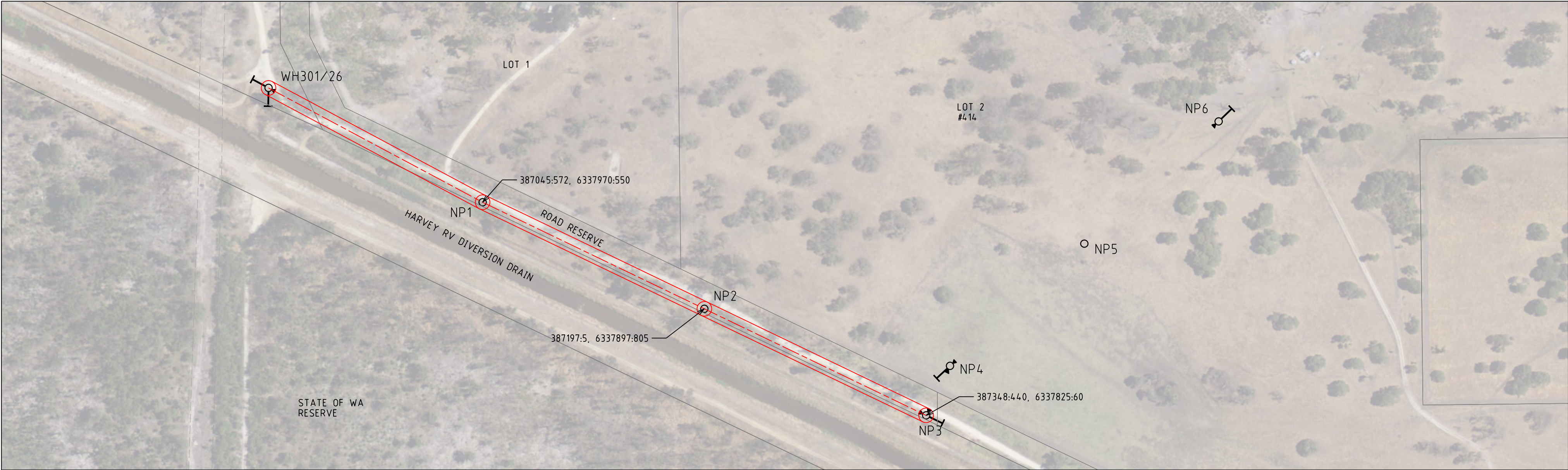
6. NATIVE VEGETATION REMAINING.  
(NO NATIVE VEGETATION MAY BE CLEARED OR DAMAGED WITHOUT A PERMIT).

7. NATIVE VEGETATION REGS ESA CLEARING.  
(NO NATIVE VEGETATION MAY BE CLEARED OR DAMAGED WITHOUT A PERMIT).

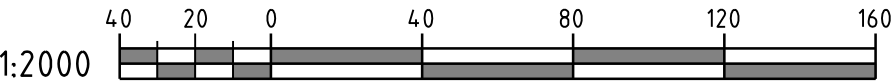
8. DBCA LEGISLATED LANDS & WATERS, CONSEVATION ESTATE.

PLEASE REFER TO THE ENVIRONMENTAL DRAWING FOR MORE INFORMATION.
- CONDUCTOR SCHEDULE
- | SECTION | TYPE | LOCATION            | CONDUCTOR TYPE | MES/ RULLING SPAN (m) | STRINGING TENSION %CBL @ EDT 15 Deg | STRAIN SECTION LENGTH | DCSH STRINGING TABLE |
|---------|------|---------------------|----------------|-----------------------|-------------------------------------|-----------------------|----------------------|
| 1       | HV   | WH301/26 - NP3      | 3/2.75 SCAC    | 167.25                | 25                                  | 501.73                | CT-0160              |
| 2       | RE   | WH301/26 - NP3      | 3/2.75 SCAC    | 167.25                | 25                                  | 501.73                | CT-0160              |
| 3       | HV   | NP3 - NP4           | 7/2.50 AAAC    | 37.51                 | 7                                   | 37.5                  | CT-0011              |
| 4       | RE   | NP3 - NP4           | 7/2.50 AAAC    | 37.51                 | 7                                   | 37.5                  | CT-0011              |
| 5       | HV   | NP4 - NP6           | 3/2.75 SCAC    | 124                   | 25                                  | 248                   | CT-0160              |
| 6       | RE   | NP4 - NP6           | 3/2.75 SCAC    | 124                   | 25                                  | 248                   | CT-0160              |
| 7       | HV   | WH301/26 - WH301/25 | 6/1/3.00 ACSR  | 81                    | 18                                  | EXISTING              | CT--0102             |
| 8       | RE   | WH301/26 - WH301/25 | 7/1.60 SCGZ    | 81                    | 12                                  | EXISTING              | CT-0111              |
- ISSUED FOR CONSTRUCTION
- CONSULTANT CONTACT DETAILS
- COMPANY NAME: WA COUNTRY BLDRS & RURAL BLONG CO  
REFERENCE NO:  
CONTACT: MR HARRY LEESE      TEL: 0424 181 134
- CUSTOMER CONTACT DETAILS
- CONTACT: K DRIVER/M GRAHAM      TEL: 0424 102 737
- STANDARD RURAL RESIDENTIAL SUPPLY
- 32A 1PH 240V - 5KVA ADMD
- LOT 2 #414 RODGERS ROAD (DP 71732) UDOC WA 6220
- DESIGN DRAWING
- 
- DESIGNER: NETWORK CONNECTION SRVCES
- TEL: 13 10 87
- DATE: 12/2021      SCALE: AS SHOWN @ A2
- GEO REF: Lat. - 33°05'25.10" S  
Long. - 115°47'17.05" E
- MAP REF:-
- DRAWING NUMBER
- SP049031
- SHEET 02 OF 03
- REV: A
- ORIGINAL SIZE - A2
- |      |                                    |     |       |   |
|------|------------------------------------|-----|-------|---|
|      |                                    |     |       |   |
|      |                                    |     |       |   |
|      |                                    |     |       |   |
|      |                                    |     |       |   |
|      |                                    |     |       |   |
| A    | ISSUED FOR CONSTRUCTION            | APM | 12/21 |   |
| 1    | SUBMITTED FOR ENGINEERING APPROVAL | APM | 12/21 | HAZARD MANAGEMENT REGISTER EDM#: 58665127 |
| Rev. | REVISIONS                          | DRN | DATE  | FILE REFERENCE DETAILS                    |





DETAIL C - CLEARING PERMIT  
AND CLEARING REQUIRED  
DETAIL



VEGETATION INSTRUCTION

WITH REGARD TO YOUR REQUESTED WORKS, IT HAS BEEN IDENTIFIED BY WESTERN POWER THAT THE CLEARING OR POTENTIAL CLEARING OF VEGETATION IS REQUIRED TO FACILITATE THE CONNECTION.

THE DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (DWER) ADMINISTERS THE CLEARING PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986 (EP ACT). UNDER THE EP ACT, CLEARING OF NATIVE VEGETATION IS AN OFFENCE UNLESS IT IS DONE UNDER THE AUTHORITY OF A CLEARING PERMIT OR AN EXEMPTION APPLIES. NOTE THERE ARE SOME CIRCUMSTANCES WHERE EXEMPTIONS ARE GRANTED, 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 C IDENTIFIES 4 AREAS OF 5M RADIUS CENTRED AROUND POLES WH301/26, NP1, NP2 & NP3 WHICH MUST BE CLEARED TO GROUND LEVEL. A 5TH GREATER AREA, 5M EACH SIDE OF THE CENTRE LINE BETWEEN POLES WH301/26 & NP3, DENOTES THE AREA WHERE EXISTING VEGETATION IS TO BE TRIMMED & MAINTAINED TO A HEIGHT OF NO MORE THAN 3M. THE TOTAL AREA OF 600m2 IS FOR WHICH A CLEARING PERMIT IS REQUIRED TO ALLOW THE WORKS TO PROCEED. THE AREA THAT IS DEFINED IS THE OPERATIONAL POTENTIAL IMPACT OF PERFORMING THE INSTALLATION WORKS. THIS PERMIT ALLOWS FOR INADVERTENT DESTRUCTION OF VEGETATION AND IS REQUIRED TO BE CLEARED BY THE CUSTOMER WHEN REQUESTED BY WESTERN POWER. PLEASE LIAISE WITH WESTERN POWER CONSTRUCTION MANAGER TO CONFIRM THE VEGETATION CLEARING REQUIREMENTS PRIOR TO CONSTRUCTION.

TO ASSIST IN THE ABOVE TASK, WESTERN POWER RECOMMENDS THAT A FORM C1 (AREA PERMIT) BE SUBMITTED TO THE DWER. (FOUND VIA WWW.DER.WA.GOV.AU UNDER THE CLEARING PERMIT TAB) PLEASE ATTACH THIS SHEET WHICH SHOULD CONTAIN THE RELEVANT INFORMATION TO FILL OUT THE FORM. THE APPLICATION COST IS EXPECTED TO BE \$400 WITH AN EXPECTED RESPONSE TIME OF TYPICALLY 60 WORKING DAYS.

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 WESTERN POWER WITH A COPY OF THE SIGNED CLEARING PERMIT TO WESTERN POWER AS SOON AS PRACTICABLE FOR REVIEW AND SUITABILITY CONFIRMATION.  
FURTHER RELEVANT AND SUPPORTING INFORMATION IS AVAILABLE VIA DWER'S WEBSITE.

ISSUED FOR CONSTRUCTION

CONSULTANT CONTACT DETAILS

COMPANY NAME: WA COUNTRY BLDRS & RURAL BLDNG CO  
REFERENCE NO:  
CONTACT: MR HARRY LEESE TEL: 0424 181 134

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STANDARD RURAL RESIDENTIAL SUPPLY

32A 1PH 240V - 5KVA ADMD

LOT 2 #414 RODGERS ROAD (DP 71732) UDOC WA 6220

VEGETATION INSTRUCTION



DESIGNER: NETWORK CONNECTION SRVCS	DRAWING NUMBER
TEL: 13 10 87	
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SHEET 03 OF 03

REV: A ORIGINAL SIZE - A2