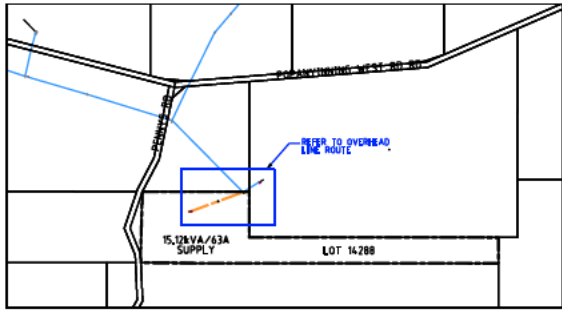
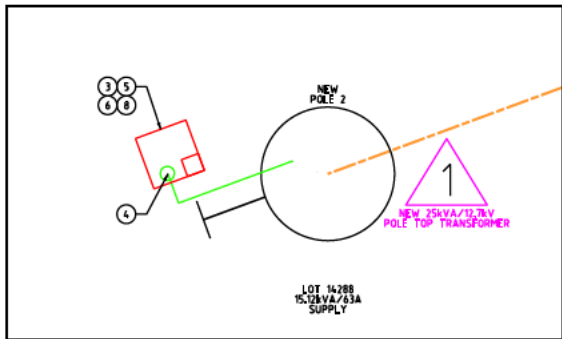


DESIGNED TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

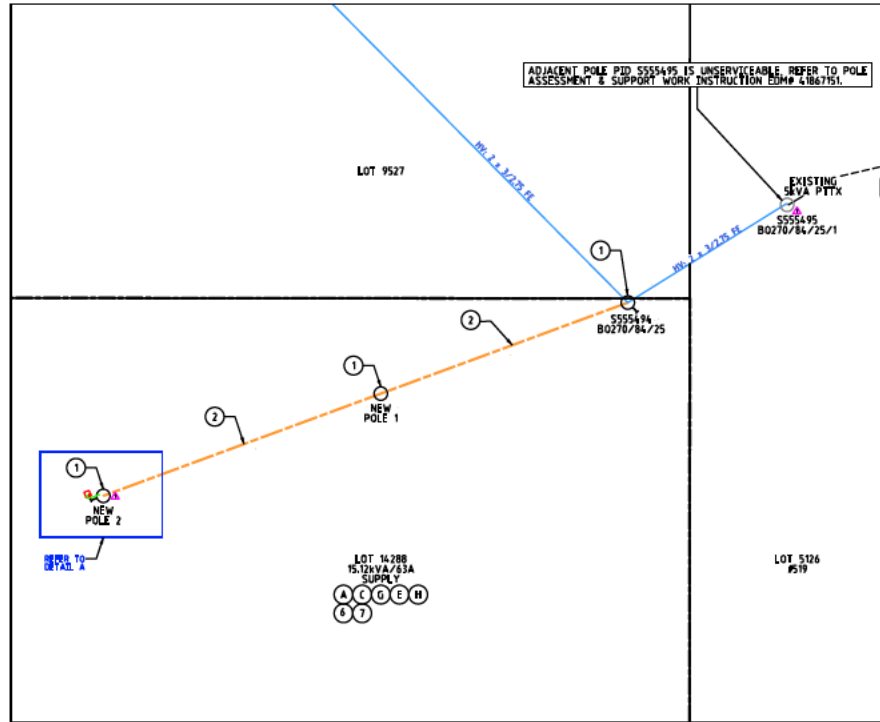
SAFETY - MAKE IT YOUR PRIMARY VALUE



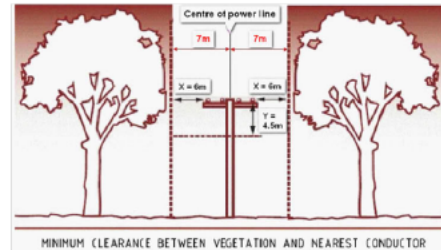
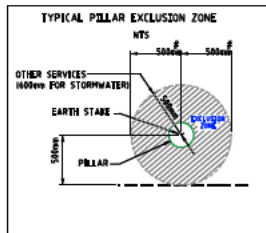
SITE LOCATION PLAN
1:10,000



DETAIL A
1:100



OVERHEAD LINE ROUTE
1:1000



WESTERN POWER SCOPE OF WORK

- REFER TO POLE SCHEDULE (SHEET 2) FOR CONSTRUCTION DETAIL.
 - INSTALL NEW 24/25 SC/AC 19/1 HV BARE AND HE CONDUCTORS FROM POLE (L1 - CN2)_L1/2/25 = 47m
 - INSTALL NEW HV LINE FROM FROM BASE OF NEW POLE 2 ON LOT 14288 AS PER CONSTRUCTION DETAIL (ASIN CL 12.3.3 AND AS PER DESIGN DRAWING). (L2 - CN2)_L2/25 = 1.1
 - INSTALL NEW 25kV CABLE FROM NEW HOV PILLAR ON LOT 14288 TO NEW POLE 2. (L3 - CN2 + 20kV)_L3/25 = 3.084 + 1.1
 - TERMINATE NEW 25kV CABLE INTO NEW HOV PILLAR ON LOT 14288. (L4 - CN2)_L4/25 = 1.1
 - PHD TO PEG LOCATION FOR VEGETATION CLEARING.
 - ENVIRONMENTAL FILTER CHECKED
- THE FOLLOWING ENVIRONMENTAL ISSUES HAVE BEEN IDENTIFIED FOR THIS PROJECT. ALL RELEVANT PERMITS / PROCEDURES MUST BE OBTAINED / ADHERED TO:
- NATIVE VEGETATION REMOVAL. REFER TO CUSTOMER SOW 'K'.
 - THREATENED ECOLOGICAL COMMUNITIES. REFER TO CUSTOMER SOW 'K'.
- PLEASE REFER TO THE ENVIRONMENTAL DRAWING (SHEET 3) AND ENVIRONMENTAL ADVISE IN VOLT FOR MORE INFORMATION.

CUSTOMER SCOPE OF WORK

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS.
- PILLAR EXCLUSION ZONE TO BE PREPARED AS PER THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS (CLAUSE 12.3.3). THIS INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:
 - PREPARE THE PILLAR LOCATION AND ADJACENT BOUNDARY LOCATION PRIOR TO CONSTRUCTION.
 - ONLY EASILY REMOVABLE SURFACE TREATMENT IS TO BE INSTALLED IN THIS AREA, SUCH AS BRICK PAVING.
 - CLEAR OF ALL SERVICES INCLUDING ENCROACHMENT.
 - LOCATED 300mm ABOVE 100 YEAR FLOOD LEVEL AND NOT IN A PRECARIOUS POSITION.
- CUSTOMER IS RESPONSIBLE TO ARRANGE FOR WESTERN POWER OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR TO TERMINATE ALL CONSUMER MAINS TO THE HOV PILLAR. MAX SIZE CONSUMER MAINS THAT CAN BE TERMINATED IS 35mm²/PHASE.
- CUSTOMER MUST COMPLY WITH POWER QUALITY LIMITS AS PER SA/SNZ TS IEC 61000.3 AND WESTERN POWER TECHNICAL REQUIREMENTS.
- CUSTOMER IS RESPONSIBLE TO ARRANGE FOR WESTERN POWER OR AN APPROPRIATELY ACCREDITED ELECTRICAL CONTRACTOR TO INSTALL DIRECT RECEIVING IN THE SWITCHBOARD PRIOR TO SUPPLY BEING ENERGISED.
- IT IS THE RESPONSIBILITY OF THE CUSTOMER TO CLEAR VEGETATION. CUSTOMER MUST OBTAIN ALL VEG CLEARING PERMITS FOR NEW WESTERN POWER ASSETS AND PROVIDE PERMIT TO WESTERN POWER.
- EXISTING AND NEW BUILDINGS TO COMPLY WITH AS1910 AND WASH STANDARDS FOR CLEARANCE REQUIREMENTS WITH RESPECT TO NEW OVERHEAD POWERLINE.
- CUSTOMER IS RESPONSIBLE FOR THE INITIAL CLEARING OF VEGETATION IN THE VEGETATION CLEARANCE CORRIDOR FROM POLE 55554/94 TO NEW POLE 2 PRIOR TO ENERGISATION.
- CUSTOMER IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH THE CLEARING OF VEGETATION IN SCOPE OF WORKS 'K'.
- 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 VEGETATION DESTROYMENT NOTICE ISSUED BY WESTERN AUSTRALIA. CLEARING PERMIT IS NOT REQUIRED BY THE CUSTOMER OR
 - WRITTEN DETAILS OF VEGETATION CLEARING PERMIT EXEMPTION AND SUSTAINABILITY CONFIRMATION ALLOW TO BUSINESS DAYS FOR ENVIRONMENT TEAM TO REVIEW.

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 GEO ENVIRONMENTAL TEAM VIA ENVIRONMENT@WESTERNPOWER.COM.AU FOR REVIEW AND SUSTAINABILITY CONFIRMATION ALLOW TO BUSINESS DAYS FOR ENVIRONMENT TEAM TO REVIEW.

REFER TO CLEARING PERMIT WORK INSTRUCTION (IDM 43938226) FOR FURTHER DETAILS.
- THE CUSTOMER IS RESPONSIBLE FOR UNDERTAKING ALL SURVEYS REQUIRED TO CONFIRM THE PRESENCE OR ABSENCE OF IMPACTS TO BE PROTECTED BY ENVIRONMENTAL PERMITS AND FOR OBTAINING THE RELEVANT APPROVALS TO CLEAR THESE AREAS. ALL SURVEYS AND APPROVALS SHALL BE PROVIDED TO WESTERN POWER PRIOR TO THE COMMENCEMENT OF WORKS.

LEGEND

SCHEME BOUNDARY

RETAINING WALL

RESTRICTED ZONE

BASEMENT

RV CABLES

LV-SL CABLES

EXISTING HV CONDUCTORS (SEE AND TYPE BOARD)

EXISTING LV CONDUCTORS (SEE AND TYPE BOARD)

PILLARS / PITS / ETC

OH EQUIPMENT

RV - AERIAL CONDUCTORS

LV - AERIAL CONDUCTORS

EXISTING HV CONDUCTORS (SEE AND TYPE BOARD)

EXISTING LV CONDUCTORS (SEE AND TYPE BOARD)

ADRIAL CONDUCTORS AND POLES

TRANSFORMER **EXISTING** **SWITCHGEAR**

ISSUED FOR CONSTRUCTION

VENDOR CONTACT DETAILS
COMPANY NAME: APD GLOBAL
REFERENCE NO: APD05519
CONTACT: SKULPA SUNIL TEL: 08 9212 1590

CUSTOMER CONTACT DETAILS

Rev.	ISSUED FOR CONSTRUCTION	DATE	BY	DESCRIPTION
A	ISSUED FOR CONSTRUCTION	08/25	SS	HAZARD MANAGEMENT REGISTER
	REVISIONS	DATE		REFERENCE FILE DETAILS

NEW RESIDENTIAL SUPPLY
15.12kVA/63A/240V - RESIDENTIAL SUPPLY
LOT 14288 WEST ROAD, POPANYINNING
NETWORK VOLTAGE - 12.7kV

WESTERN POWER
DRAWING NUMBER
SP051839
SHEET 01 OF 03

DATE: 08/25 SCALE: AS NOTED @ A1
GEO REF: Lat. - 32°47'22.00" S Long. - 117°44'14.17" E
REV: A ORIGINAL SIZE - A1

DESIGNED TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

SAFETY - MAKE IT YOUR PRIMARY VALUE



POLE SCHEDULE (SHEET 1 & SHEET 2)

Table with 7 columns: POLE ID, POLE DETAILS, POLE DESCRIPTION/NOTES, CU, DCSH, POLE RELOCATION(MGA-94) (EASTING, NORTHING), AS CON CHECK. Rows include S555494, NEW POLE 1 (NP1), and NEW POLE 2 (NP2).

CONDUCTOR SCHEDULE (SHEET 1 & SHEET 2)

REFER TO DM#962320 OR DCSH SECTION 10 FOR STRINGING TABLES

Table with 11 columns: SECTION, TYPE, SHEETS, LOCATION (FROM POLE, TO POLE), CONDUCTOR TYPE, RULING SPAN (m), RULING SPAN (ft), DISTANCE (m), STRINGING TENSION (%CBL @ EDT (150C)), DCSH STRINGING TABLE, CU, AS CON CHECK. Rows include sections 1 and 2.

LEGEND section containing symbols and descriptions for RETAINING WALL, RESTRICTED ZONE, EASMENT, HV CABLES, LV-SL CABLES, PILLARS / PILES / ETC, OH EQUIPMENT, HV - AERIAL CONDUCTORS, LV - AERIAL CONDUCTORS, ADRIAL CONDUCTORS AND POLES, TRANSFORMER, and SWITCHGEAR.

ISSUED FOR CONSTRUCTION

VENDOR CONTACT DETAILS: COMPANY NAME: APO GLOBAL, REFERENCE NO: APO05514, CONTACT: SKULPA SUNIL, TEL: 08 9212 1540

CUSTOMER CONTACT DETAILS

NEW RESIDENTIAL SUPPLY
15.12kVA/63A/240V - RESIDENTIAL SUPPLY
LOT 14288 WEST ROAD, POPANYINNING
NETWORK VOLTAGE - 12.7KV

Woroni POWER logo, DRAWING NUMBER SP051839, DATE: 06/25, SCALE: AS NOTED @ A1, GEO REF: Lat. - 32°4'22.00" S, Long. - 107°4'4.143" E, SHEET 02 OF 03, REV: A ORIGINAL SIZE - A1

Table with columns for REVISIONS (Rev, DWN, DATE) and REFERENCE FILE DETAILS (REV, DATE).

DESIGN TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SHEET 1

ISSUED FOR CONSTRUCTION



SITE LOCATION PLAN



DETAIL A



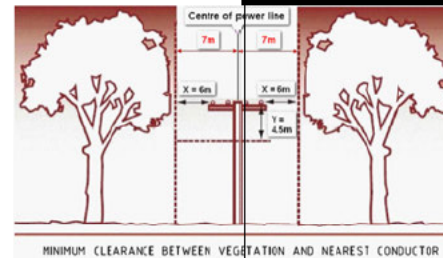
DETAIL B



DETAIL C



DETAIL D



EXCAVATION WARNING
 EXCAVATION WORK SHOULD FOLLOW THE
 USE OF IDENTICAL AND CONSISTENT MARKING
 AND SIGN REFERENCE TO THE SIGNAGE

NO NATIVE VEGETATION MAY BE DISTURBED WITHOUT A
 PERMIT. IT IS ILLEGAL TO DISTURB NATIVE VEGETATION
 UNLESS YOU HAVE OBTAINED THE NECESSARY
 ENVIRONMENTAL OPERATIONS TO ARRANGE A PERMIT.

PLEASE NOTE: HEAVY MACHINERY MAY APPLY TO
 PROVISIONALLY AND PERMANENTLY DAMAGE TO NATIVE
 VEGETATION WITHOUT A PERMIT.

Rev.	ISSUED FOR CONSTRUCTION	REVISIONS	DRN	DATE	REFERENCE FILE DETAILS
A	ISSUED FOR CONSTRUCTION		SS	08/25	RISK ASSESSMENT FILTER HAZARD MANAGEMENT REGISTER

NEW
 15.12kVA/6
 LOT

