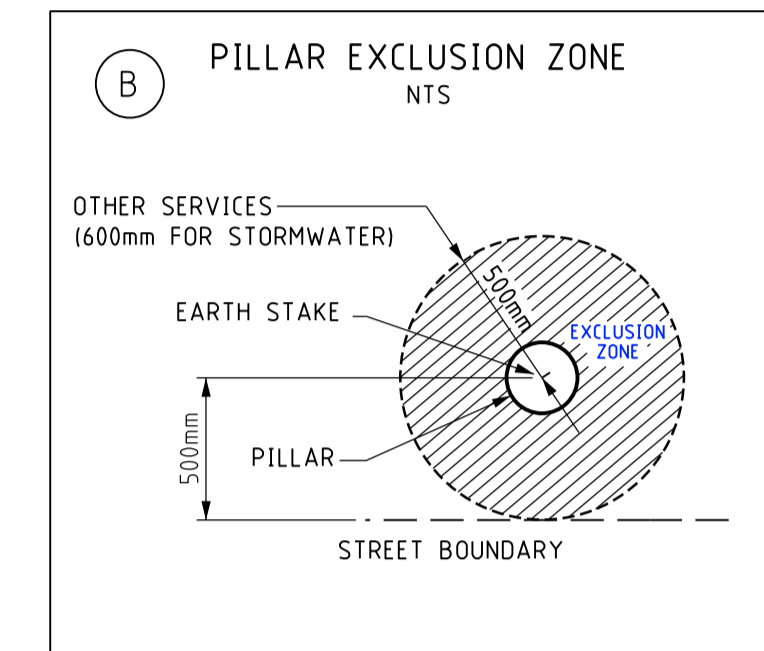


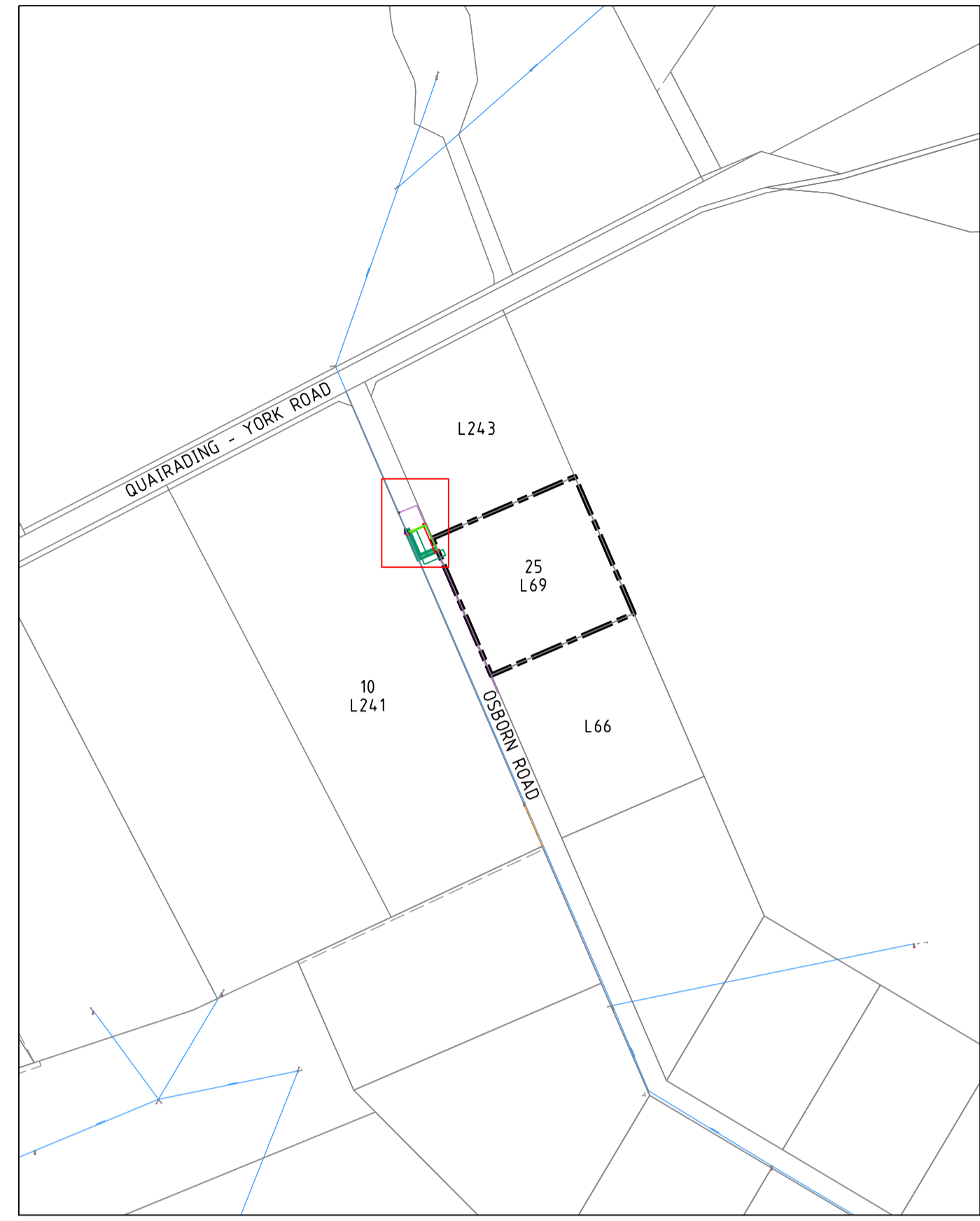
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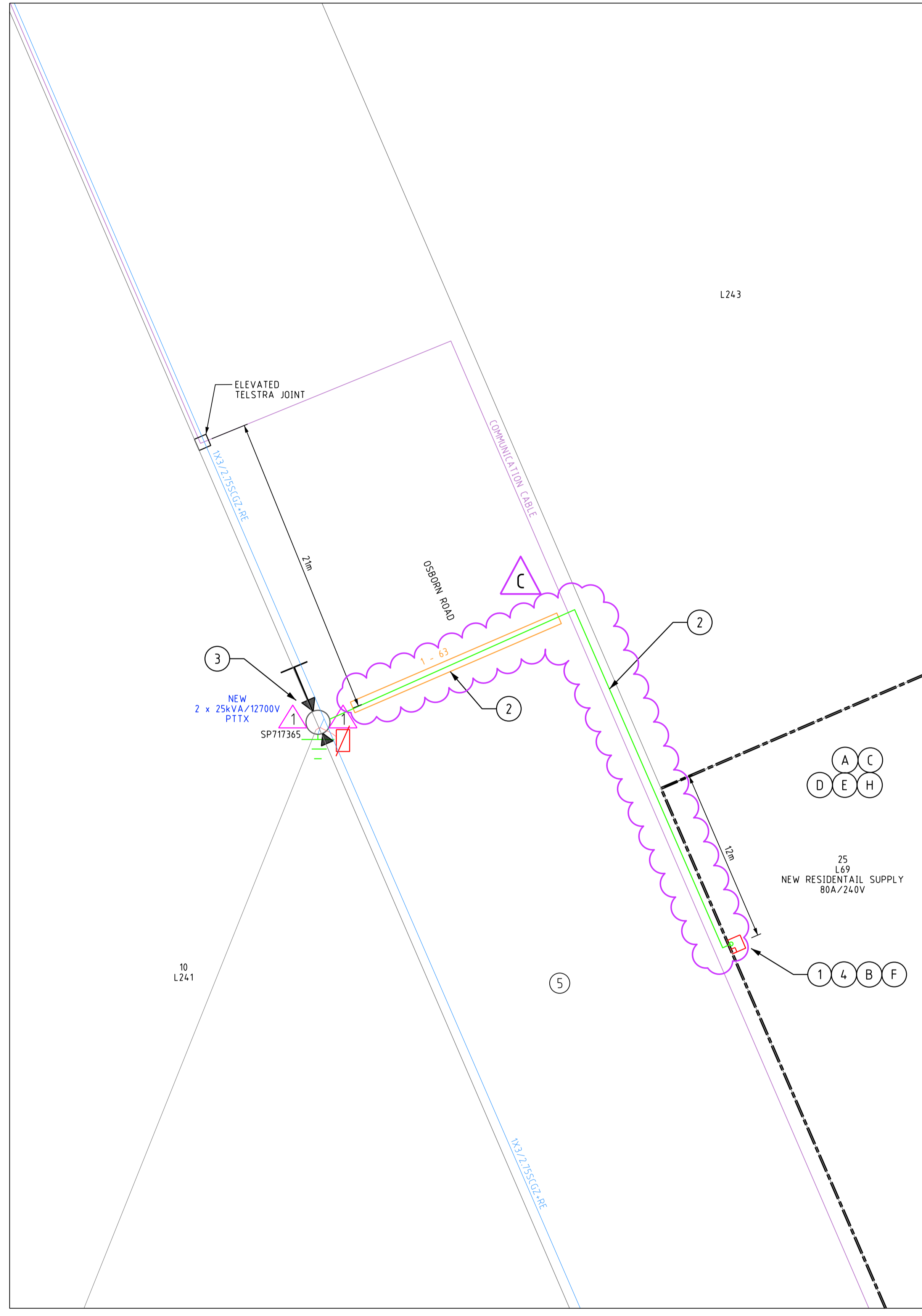
LEGEND	
SCHEME BDY.	---
RETAINING WALL	=====
RESTRICTED ZONE	=====
EASEMENT	=====
LV-SL CABLES	
CN4.5 - 240mm ² (1x3c)	-----
CN4.4 - 185mm ² (1x3c)	-----
CN4.3 - 120mm ² (1x3c)	-----
CN4.2 - 25mm ² (1x3c)	-----
CN4.1 - 16mm ² SL (1c)	-----
EXISTING LV CABLES	-----
48 C PILOT	-----
(SIZE AND TYPE INDICATED)	
PILLARS / PITS / ETC	
MINI (WORKING END)	UMS PIT
UNIVERSAL	UTILITIES PIT
MINI	BOSP PIT
LINK	100/200AMP CUTOUT
CABLE MARKER U/G	CONDUIT / POLY PIPE
Serviced Uncleared De-energised Lot	
OH EQUIPMENT	
INTERMEDIATE	PTS
DOF	HV ISOLATOR
INLINE STRAIN	LV DISCONNECTOR
PIT	ISOL TX
AERIAL STAY	OUTRIGGER STAY
RECLOSER	GROUND STAY
LOAD BREAK SWITCH	SECTIONALISER
CAPACITOR	LV ABC KRONE
LBPTS	STREETLIGHT BOX
AERIAL CONDUCTORS AND POLES	
NEW POLE (ANY TYPE AS INDICATED)	
EXISTING POLE (ANY TYPE AS INDICATED)	
EXISTING AERIAL CONDUCTORS (SIZE AND TYPE INDICATED)	



POLE ID	POLE DETAILS	POLE LOCATION		UNSERVICEABLE (Y/N)	AS CON CHECK
		EASTING	NORTHING		
S717365	12.5m/6kN	EXISTING	EXISTING	N	



LOCATION PLAN 1:5000



DETAIL A 1:200

WESTERN POWER SCOPE OF WORK

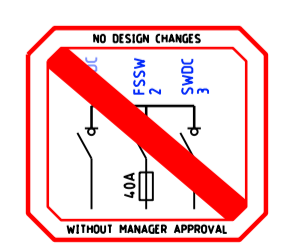
- ① INSTALL NEW MINI-PILLAR 12m SOUTH FROM THE LEFT CORNER OF LOT 69 OSBORN ROAD IN CUSTOMER PEGGED LOCATION. INSTALLATION SHALL COMPLY WITH THE PILLAR EXCLUSION ZONE DETAIL AND WASIR CL. 12.5.3
 CU: LU10 x 1
 NON_CU: CR0324
 DCSH: U08-04(1PH NETWORK)
- ② INSTALL NEW 25LV CABLE FROM NEW MINI-PILLAR TO POLE S717365
 CU: CN4.2 x 65m, CN7.3, LV25 x 3, CN5.4 x 4
- ③ AT POLE S717365
 - REMOVE EXISTING OVERHEAD SERVICE AND THE EXISTING SINGLE PHASE 10kVA PTTX.
 - REPLACE EXISTING POLE WITH NEW 12.5m/6kN POLE.
 - INSTALL 1 PHASE IN LINE STRAIN.
 - INSTALL 2 x RUNNING EARTH TERMINATION.
 - INSTALL NEW TWO BACK TO BACK SINGLE PHASE 25kVA/12.7kV POLE TOP TRANSFORMER AND TAP IT TO HV AERIAL VIA STIRRUP AS PER THE MODIFIED DCSH H47-1 MODIFIED.
- ④ INSTALL LV KRONE BOX WITH 100A FUSE. TERMINATE THE NEW 25LV CABLE AS PER U19-3
 - REATTACH THE EXISTING OVERHEAD CUSTOMER SERVICE WIRE TO 10 OSBORN ROAD THROUGH FLOWLINE FUSE.
 CU: P08_R x 1, HV30_H x 2, BE3_3/275SC x 2, TXS_25/12.7 x 2, CN4_3/275 x 2, CN9_3/275 x 4, CN39_95/4M x 1, CN27_3/275 x 2, LU61_25_2400 x 1, LU61_25_2400 x 1, HV36 x 2, CN35_100 x 1, FE0075 x 1, FE0072 x 1, GS6021 x 1, GF1096 x 1
 NON_CU:
 DCSH: R8_R12_H47-1 MODIFIED
- ⑤ TERMINATE NEW 25LV CABLE ONTO THE NEW MINI-PILLAR ON LOT 69.
 DCSH: U08-04(1PH NETWORK)
- ⑥ ENVIRONMENTAL FILTER CHECKED
 THE FOLLOWING ENVIRONMENTAL DRAWING FOR MORE THIS PROJECT. ALL RELEVANT PERMITS / PROCEDURES MUST BE OBTAINED / ADHERED TO:
 - THREATENED ECOLOGICAL COMMUNITIES
 - ABORIGINAL HERITAGE SITES
 PLEASE REFER TO THE ENVIRONMENTAL DRAWING FOR MORE INFORMATION.

CUSTOMER SCOPE OF WORK

- ① THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS.
- ② 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.
- ③ THIS DESIGN IS INTENDED TO BE CONSTRUCTED DE-ENERGISED. YOUR ELECTRICITY SUPPLY MAY NOT BE AVAILABLE DURING THIS TIME.
- ④ CUSTOMER MUST COMPLY WITH POWER QUALITY LIMITS AS PER AS/NZS TS IEC 61000.3.5 AND WESTERN POWER TECHNICAL REQUIREMENTS.
- ⑤ CUSTOMER SMSB SHOULD BE INSTALLED WITHIN 30m OF THE POINT OF SUPPLY.
- ⑥ 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

NO NATIVE VEGETATION MAY BE DISTURBED WITHOUT A PERMIT OR OUTSIDE OF THE PERMIT AREA. IF IN DOUBT, PLEASE CONTACT THE RELEVANT MANAGER WHO WILL CONTACT WESTERN POWER ENVIRONMENTAL TEAM.
 PLEASE NOTE: HEAVY PENALTIES MAY APPLY TO INDIVIDUALS AND BUSINESSES FOR DAMAGE TO NATIVE VEGETATION WITHOUT A PERMIT.

CRITICAL RISK MANAGEMENT	
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ISSUED FOR CONSTRUCTION

SAFETY - MAKE IT YOUR PRIMARY VALUE

DESIGNED TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED

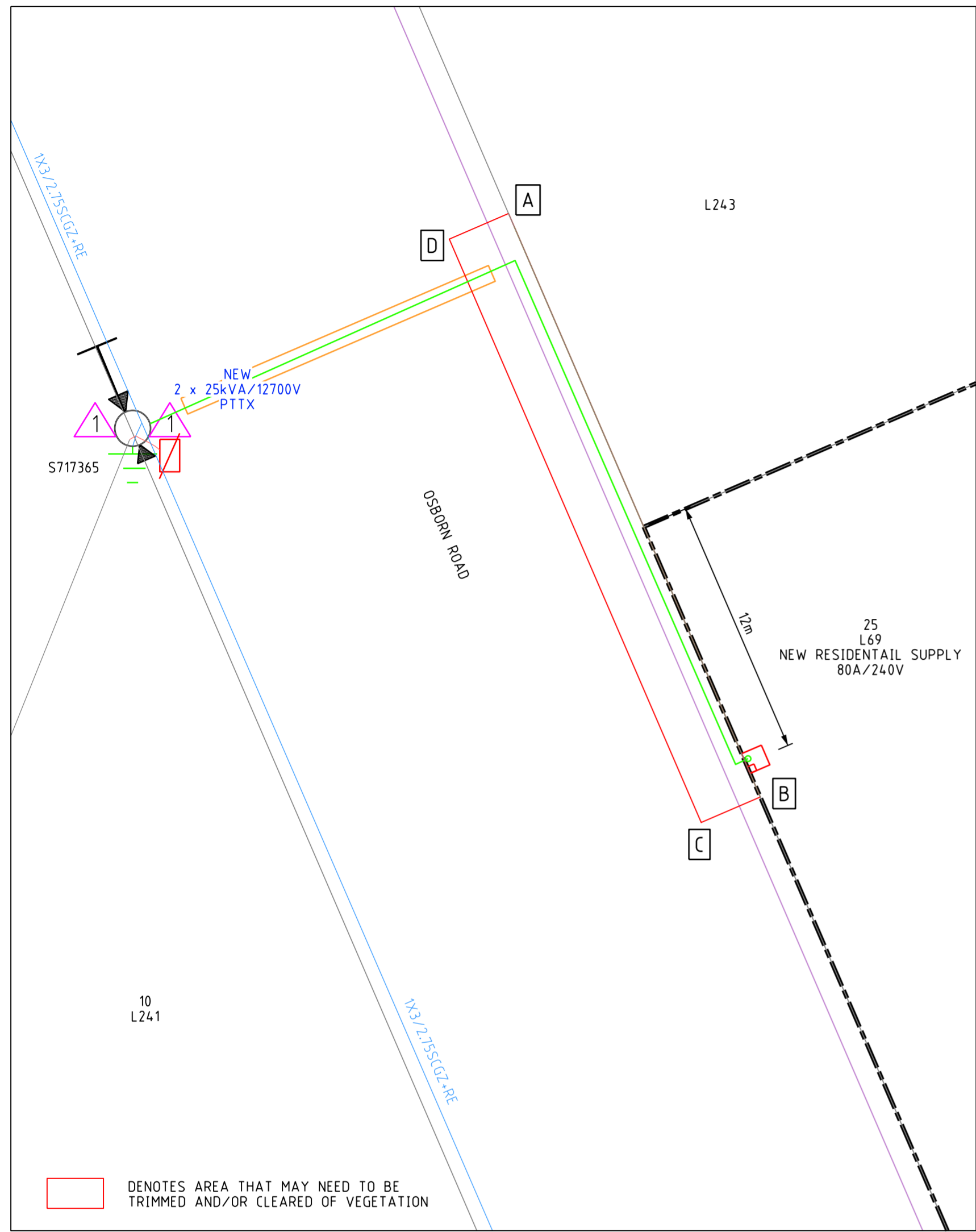
COMMUNICATION CABLES IN VICINITY OF WORKS

CUSTOMER CONTACT DETAILS
 COMPANY NAME: N/A
 CONTACT: CHARLES MAIWASHA TEL: 0468514873

Rev.	REVISIONS	DRN	DATE	REFERENCE FILE DETAILS
C	PILLAR & CABLE CHANGED	J. M.	03/26	H47-1 MODIFIED
B	CABLE ROUTE CHANGE	P. H.	10/25	SHE ASSESSMENT REPORT
A	ISSUED FOR CONSTRUCTION	S.S	06/25	HAZARD MANAGEMENT REGISTER

NEW RESIDENTIAL CONNECTION - 80Amps
 NETWORK VOLTAGES: 12.7kV/240V
 LOT 69, OSBORN ROAD - MOUNT HARDEY - WA 6302
 DESIGN DRAWING

DESIGNER: CCD	
DESIGN TEAM: CCS SBM QAT - RASP	
EMAIL: ccs.sbm.qat@westernpower.com.au	DRAWING NUMBER
TEL: 13 10 87	SP051878
DATE: 06/25	SCALE: AS NOTED @ A1
GEO REF: Lat. - 31° 54' 27" S Long. - 116° 48' 22" E	SHEET 01 OF 02
REV: C	ORIGINAL SIZE - A1



DETAIL A: VEGETATION CLEARING EXTENTS 1:200

ENVIRONMENT ISSUES AND REQUIREMENTS

THIS PAGE OUTLINE ENVIRONMENTAL ISSUES AND REQUIREMENTS RELATED TO THE SCOPE OF WORK, AS WELL AS ANY CONCERNS IN THE VICINITY THAT THE CONSTRUCTION MANAGER MUST CONSIDER TO PREVENT ENVIRONMENTAL DAMAGE. PARTICULAR ATTENTION IS GIVEN TO ISSUES THAT COULD LEAD TO PROSECUTION. PROJECT-SPECIFIC INFORMATION IS REFERENCED ON THIS PAGE AND MUST BE FOLLOWED.

THREATENED - PRIORITY ECOLOGICAL COMMUNITIES

THE CUSTOMER IS RESPONSIBLE FOR UNDERTAKING ALL SURVEYS REQUIRED TO CONFIRM THE PRESENCE OR OBSNCE OF THREATENED OR PRIORITY ECOLOGICAL COMMUNITIES, AND FOR OBTAINING THE RELEVANT APPROVALS TO CLEAR TECs/PECs IF REQUIRED. ALL SURVEYS AND APPROVALS SHALL BE PROVIDED TO WESTERN POWER PRIOR TO THE COMMENCEMENT OF WORKS.

FAUNA

THE CUSTOMER SHALL UNDERTAKE ANY NECESSARY FAUNA SURVEYS AND IF REQUIRED OBTAIN RELEVANT STATE/COMMONWEALTH APPROVALS FOR IMPACTS TO THIS SPECIES &/OR ITS HABITAT. ALL SURVEYS, APPROVALS AND RELEVANT MANAGEMENT ACTIONS SHALL BE PROVIDED TO WESTERN POWER FOR RECORD KEEPING AND REVIEW.

ABORIGINAL HERITAGE SITES

THE WORKS ARE LOCATED WITHIN A REGISTERED ABORIGINAL HERITAGE PLACE. (15979, REGISTER) IT IS THE CUSTOMER'S RESPONSIBILITY TO COMPLETE THEIR OWN DUE DILIGENCE ASSESSMENT AND PROVIDE WESTERN POWER WITH THE EVIDENCE OF SURVEYS/CONSULTATIONS AND APPROVALS (WHERE APPLICABLE) PRIOR TO THE COMMENCEMENT OF WORKS.

CLEARING PERMIT WORK 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 matter.

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.

Refer to <https://www.wa.gov.au/service/environment/environment-information-services/native-vegetation-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 identifies the area for which clearing approvals will need to be obtained and in which you will have to arrange to clear/remove vegetation.

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 via <https://www.wa.gov.au/organisation/department-of-water-and-environmental-regulation>. If you have any questions about Western Power's requirements, please contact the Western Power Quality Assurance team via ccs.sbm.qaf@westernpower.com.au.

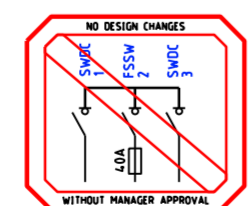
CLEARING AREA - SURVEY PEG SCHEDULE			
POINT ID	CLEARING AREA	LOCATION (MGA94 - 50)	
		EASTING	NORTHING
A	AREA 1	481664.019	6469806.299
B	AREA 1	481675.742	6469779.149
C	AREA 1	481672.987	6469777.959
D	AREA 1	481661.264	6469805.11



CUSTOMER CONTACT DETAILS
 COMPANY NAME: N/A
 CONTACT: CHARLES MAIWASHA TEL: 0468514873

CRITICAL RISK MANAGEMENT

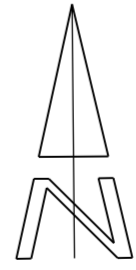
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NEW RESIDENTIAL CONNECTION - 80Amps
 NETWORK VOLTAGES: 12.7kV/240V
 LOT 69, OSBORN ROAD - MOUNT HARDEY - WA 6302
 ENVIRONMENTAL DRAWING

westernpower

DESIGNER: SURAJ SHRESTHA	DRAWING NUMBER
TEL: (08) 6270 0485	SP051878
DATE: 06/25	SCALE: AS NOTED @ A2
GEO REF: Lat. - ° ' " S	SHEET 02 OF 02
Long. - ° ' " E	REV: C ORIGINAL SIZE - A2