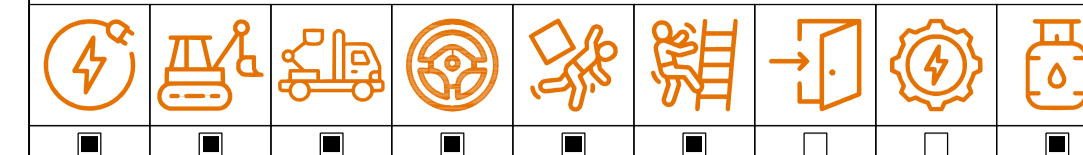


DESIGNED TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED SAFETY - MAKE IT YOUR PRIMARY VALUE

ISSUED FOR CONSTRUCTION

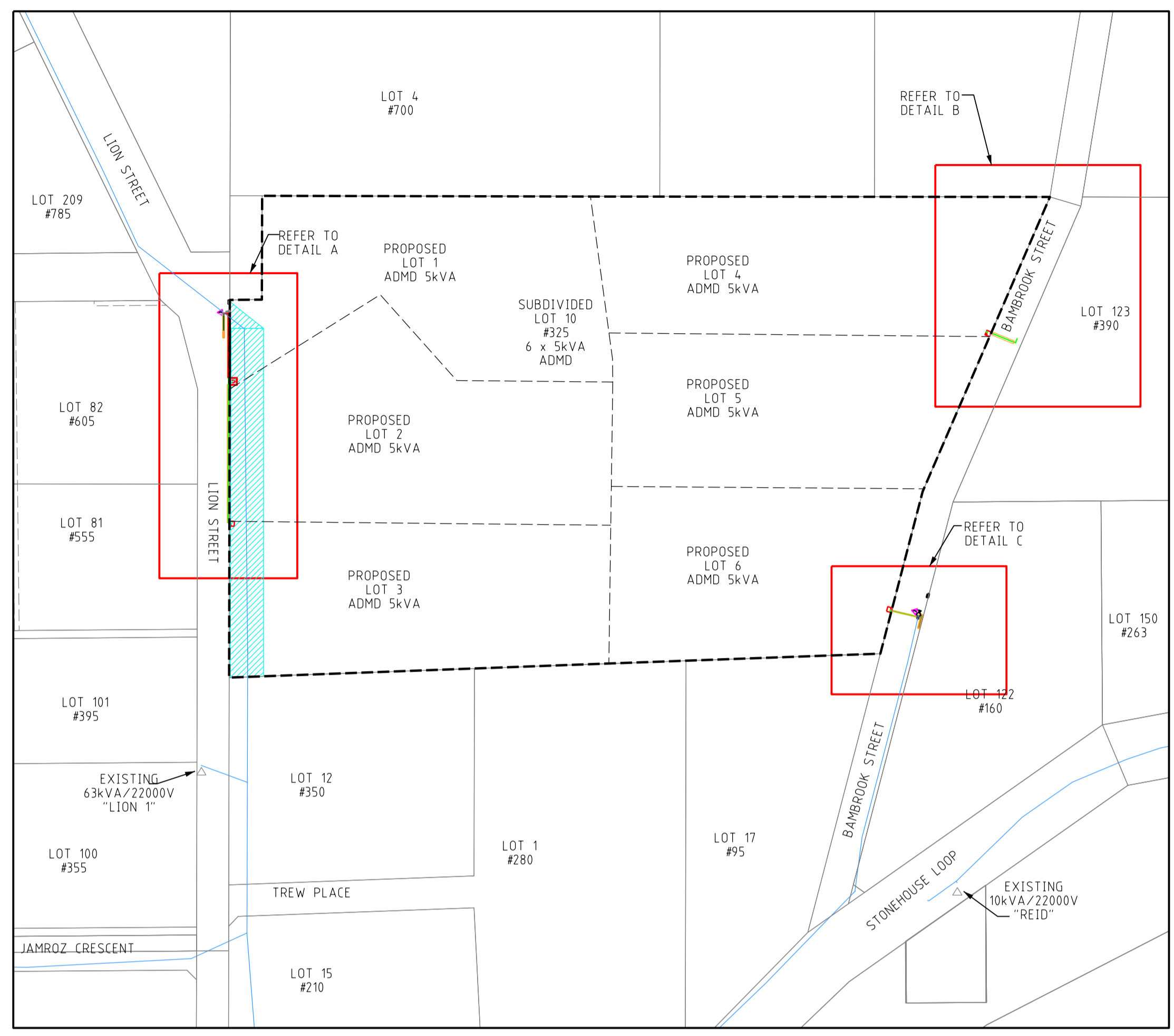
EXTREME FIRE RISK AREA

CRITICAL RISK MANAGEMENT

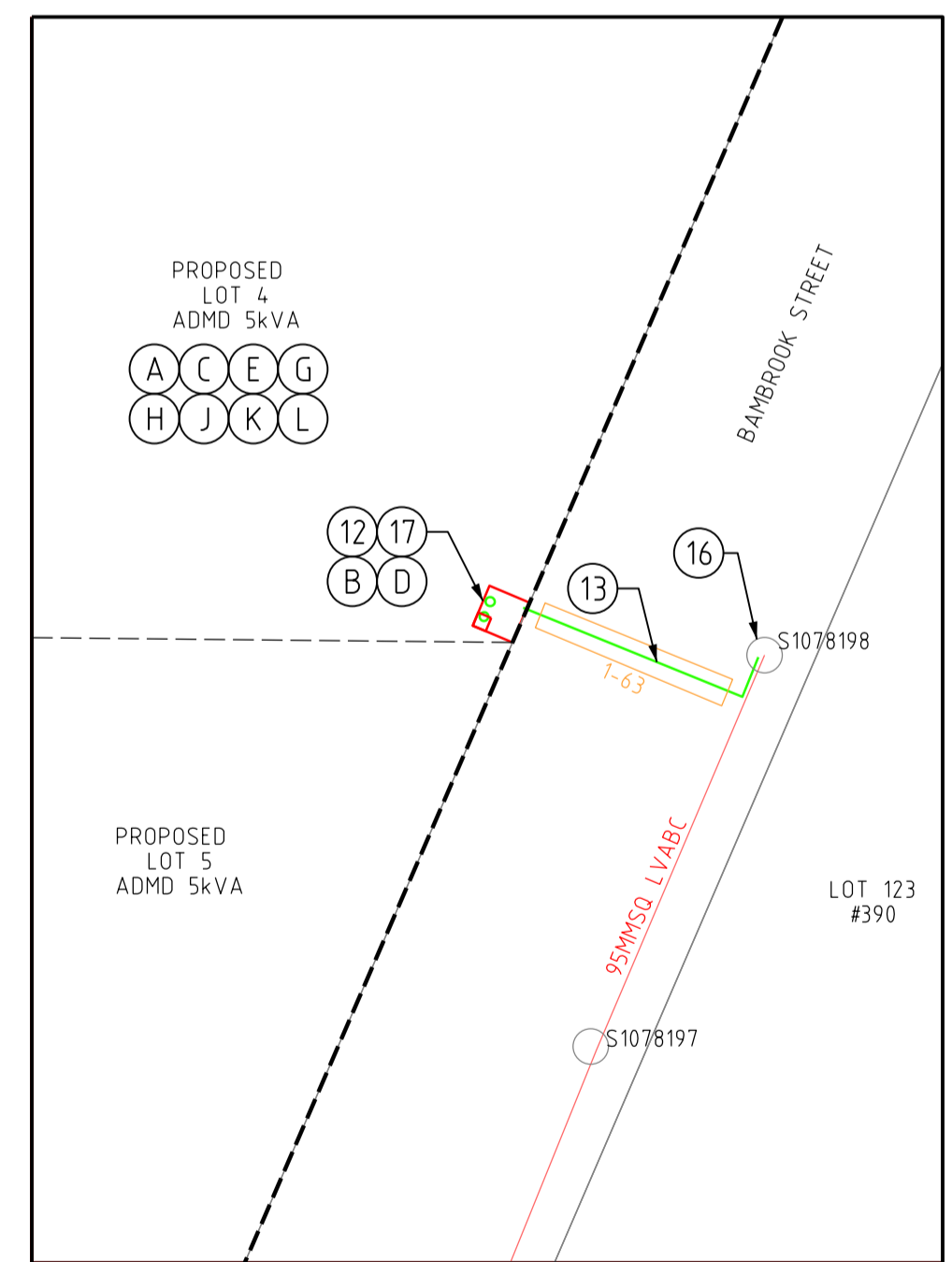


LEGEND

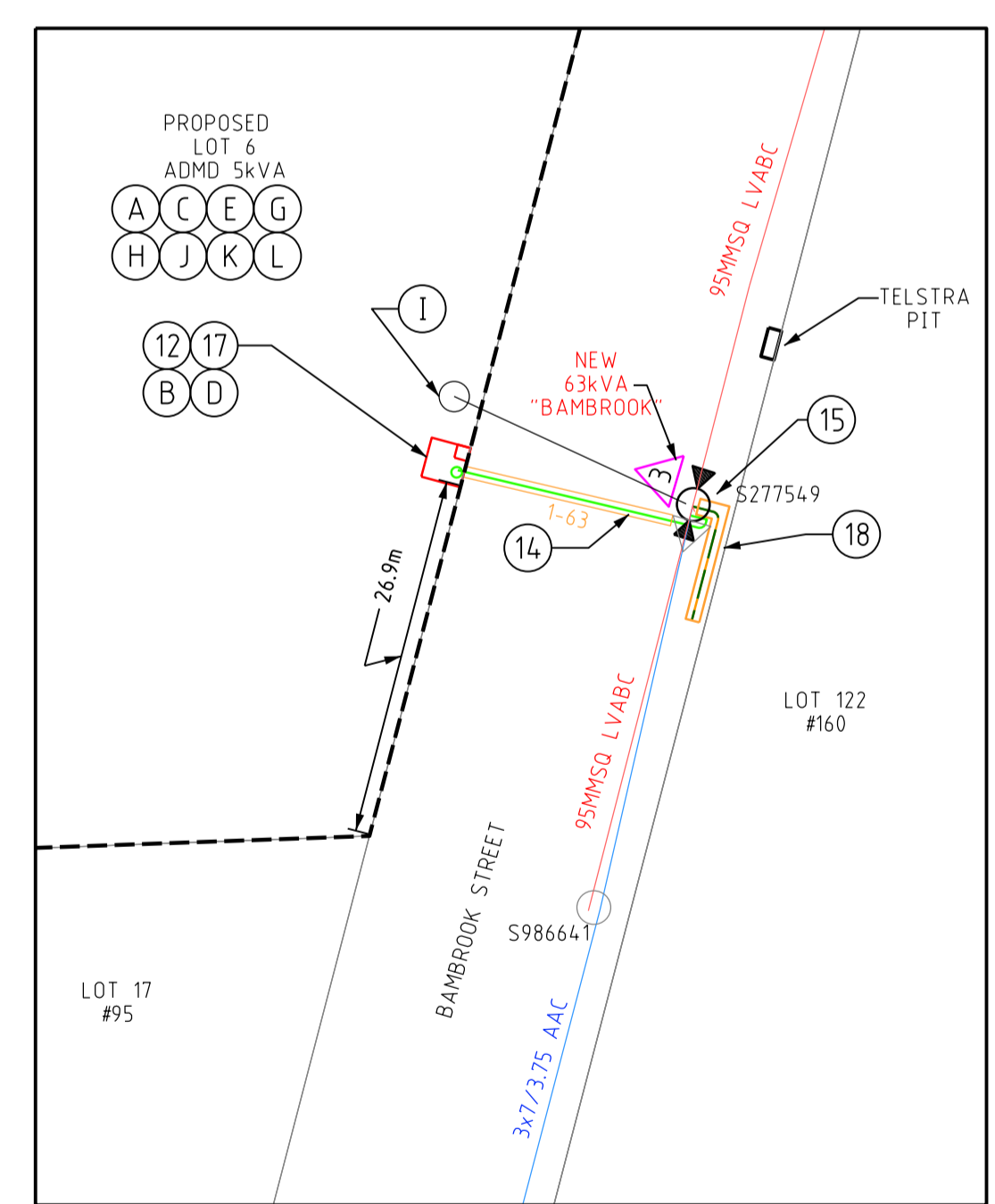
Legend table containing symbols and descriptions for Scheme Body, Retaining Wall, Restricted Zone, Easement, HV Cables, LV-SL Cables, Street Lights, Transformers, Switchgear, Aerial Conductors and Poles, and OH Equipment.



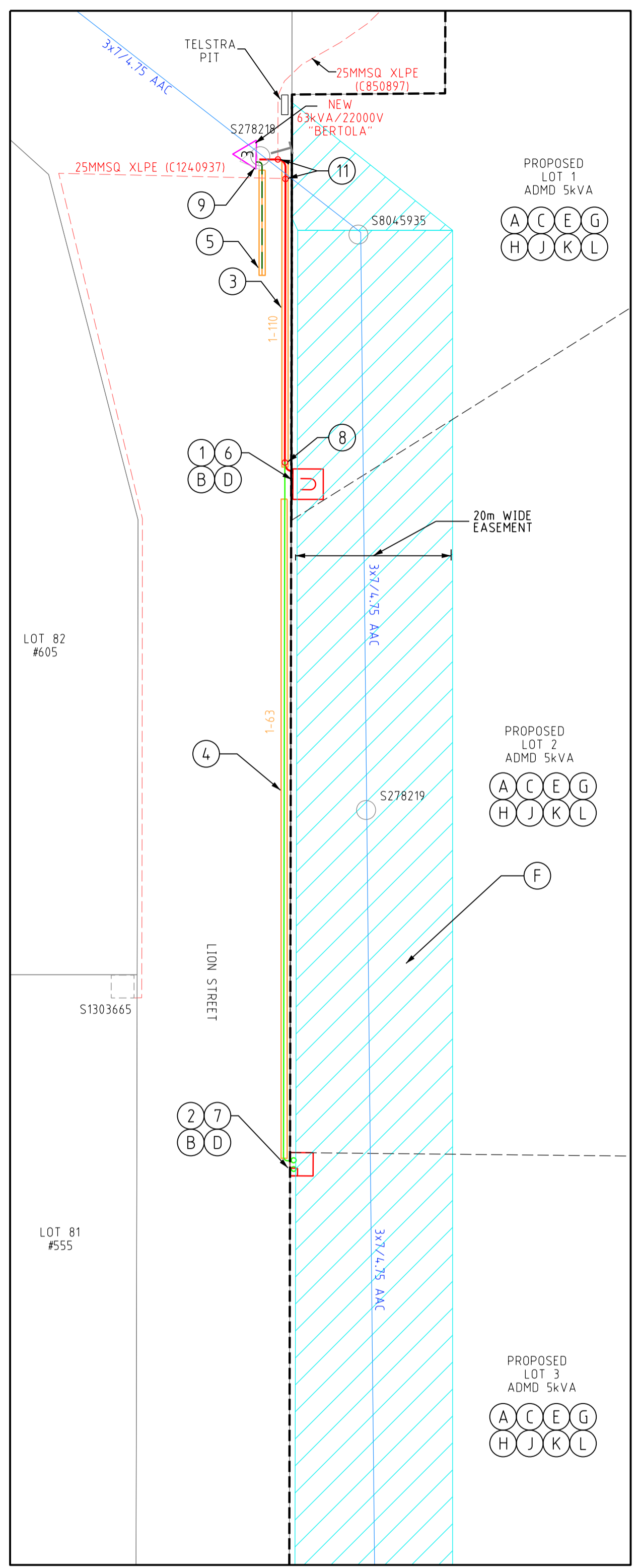
SITE LOCATION PLAN 1:2500



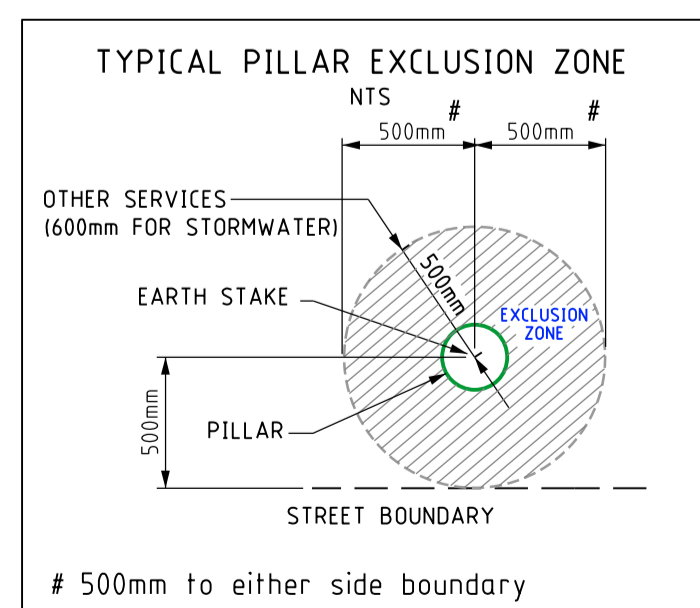
DETAIL B 1:500



DETAIL C 1:500



DETAIL A 1:500



- Western Power Scope of Work (Lion Street)
1. INSTALL NEW UNI-PILLAR AT PROPOSED LOT 1 AS PER EXCLUSION ZONE (WASIR CL. 12.5.3).
2. INSTALL NEW MINI PILLAR AT PROPOSED LOT 3 AS PER EXCLUSION ZONE (WASIR CL. 12.5.3).
...
19. THE FOLLOWING ENVIRONMENTAL ISSUES HAVE BEEN IDENTIFIED FOR THIS PROJECT...

- CUSTOMER SCOPE OF WORK
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 DISTRIBUTION CONNECTIONS MANUAL 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.
...
6. ABORIGINAL HERITAGE. THE IDENTIFIED PROJECT AREA DOES NOT INTERSECT ANY KNOWN ABORIGINAL HERITAGE SITES...

EXCAVATION WARNING: EXCAVATION CONTRACTOR TO FOLLOW THE CODE OF PRACTICE AND PROVIDE COMPETENT PERSON APPROVAL FOR WORK METHODOLOGY AND SOIL RETENTION STRATEGY.

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.

CRITICAL WATER PIPELINE IN VICINITY OF WORKS TELSTRA AND NBN PITS IN VICINITY OF WORKS

ONE TO SIX GREEN TITLE SUBDIVISION 6 x 5kVA 415V ADM

LOT 10, 325, BAMBROOK STREET, SAWYERS VALLEY, WA

NETWORK VOLTAGE: 22kV / 415V

W.A.P.C. REFERENCE No. 161262
CUSTOMER CONTACT DETAILS
COMPANY NAME: N/A
CONTACT: ANGELO PAOLIELLO TEL: 0419929391

DESIGNER: L.SALAMI
DESIGN TEAM: CCS RESIDENTIAL DESIGN
EMAIL: ccs.design.resi.design@westernpower.com.au
TEL: 13 10 87
DATE: 03/26 SCALE: AS NOTED @ A1
GEO REF: Lat. - 31°53'15" S Long. - 116°13'35" E
DRAWING NUMBER NP033117
SHEET 01 OF 02
REV: A ORIGINAL SIZE - A1

Table with columns for Revisions, Date, and Reference File Details.

CRITICAL RISK MANAGEMENT

LEGEND

SCHEME BOD. ---
 RETAINING WALL ---
 RESTRICTED ZONE ---
 EASEMENT ---

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;

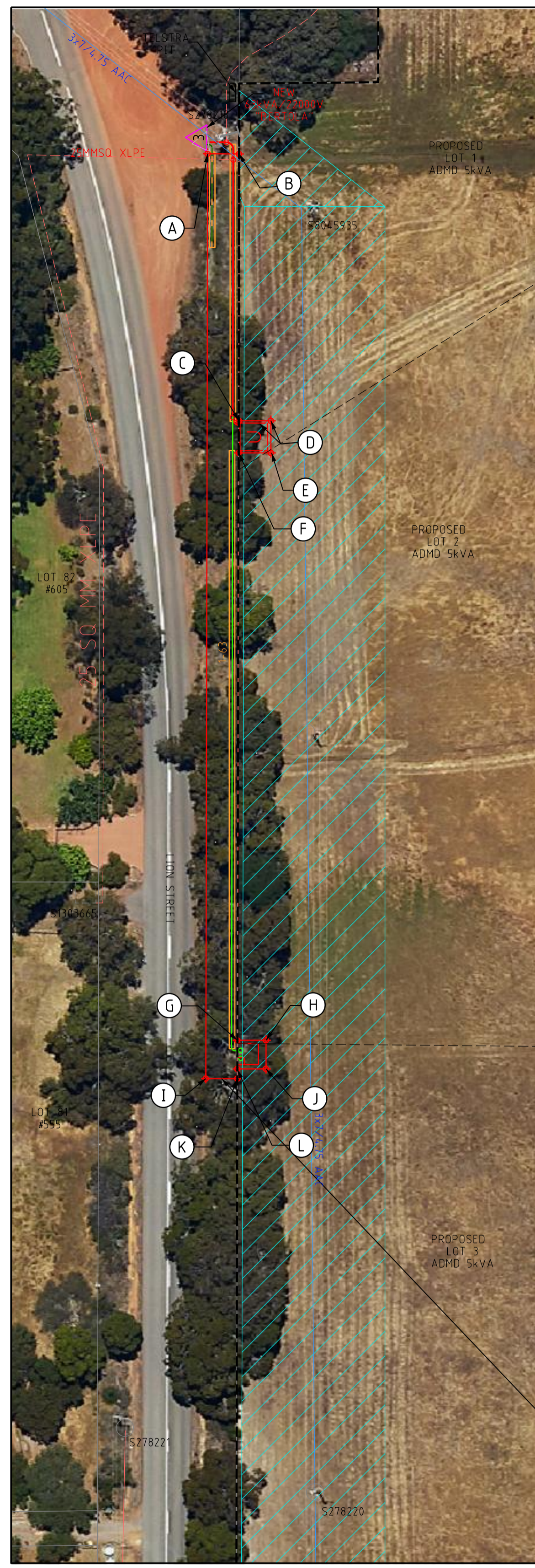
1. PLACEMENT OF LAYDOWN AREAS, TURNAROUNDS ETC. IN PREVIOUSLY CLEARED LAND
2. UTILISATION OF EXISTING ACCESS TRACKS WHERE POSSIBLE
3. RESTRICTION OF WORKS TO EXISTING MAINTENANCE ZONE WHERE POSSIBLE
4. UTILISATION OF PRUNING INSTEAD OF CLEARING WHERE POSSIBLE
5. UTILISATION OF FARMERS PADDOCKS AND PREVIOUSLY 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. 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 609.889sqm IDENTIFIES THE AREA FOR WHICH CLEARING APPROVALS WILL NEED TO BE OBTAINED AND IN WHICH YOU WILL HAVE TO ARRANGE TO CLEAR/REMOVE ALL VEGETATION AND PREPARE THE SITE AS SPECIFIED IN THE DESIGN DRAWING ON SHEET 1 OF 2.

DETAIL A OF 609.889m2 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.

DETAIL B AND C ARE THE AREAS IN WHICH YOU WILL HAVE TO ARRANGE TO CLEAR/REMOVE ALL VEGETATION AND PREPARE THE SITE AS SPECIFIED IN THE DESIGN DRAWING ON SHEET 2.



POINT ID	SURVEY PEG LOCATION	
	EASTING	NORTHING
A	426851.277	6471768.87
B	426855.837	6471768.836
C	426855.786	6471730.251
D	426860.436	6471730.245
E	426860.431	6471725.595
F	426855.781	6471725.601
G	426855.581	6471640.656
H	426859.729	6471640.656
I	426851.018	6471635.107
J	426859.729	6471636.507
K	426855.578	6471635.099
L	426855.581	6471636.507
M	427334.699	6471758.776
N	427329.006	6471756.912
O	427333.151	6471755.134
P	427330.566	6471760.548
Q	427339.065	6471753.686
R	427347.384	6471750.621
S	427340.567	6471757.235
T	427348.719	6471754.243
U	427268.122	6471587.489
V	427267.044	6471583.341
W	427283.893	6471583.389
X	427282.814	6471579.241

LEGEND

HV CABLES

- CN53 - 400mm2 (3X1c)
- CN49 - 240mm2 (3X1c)
- CN48 - 185mm2 (3X1c)
- CN50 - 95mm2 (3X1c)
- CN51 - 50mm2 (3X1c)
- CN52 - 50mm2 (1c)
- CN46 - 35mm2 (1c)
- CN47 - 35mm2 (1c)

EXISTING HV CABLES (SIZE AND TYPE INDICATED)

LV-SL CABLES

- CN45 - 240mm2 (1x3c)
- CN44 - 185mm2 (1x3c)
- CN43 - 120mm2 (1x3c)
- CN42 - 25mm2 (1x3c)
- CN41 - 16mm2 SL (1c)

EXISTING LV CABLES (SIZE AND TYPE INDICATED)

STREET LIGHTS

- POLE BRACKET
- SINGLE OUTREACH
- DOUBLE OUTREACH
- L-WAY

EXISTING

- POLE BRACKET
- SINGLE OUTREACH
- DOUBLE OUTREACH
- L-WAY

PILLARS / PITS / ETC

- MINI (WORKING END)
- UNIVERSAL
- MINI
- LINK
- CABLE MARKER U/G
- Serviced Uncleared De-energised Lot
- UMS PIT
- UTILITIES PIT
- BOSP PIT
- 100/200AMP CUTOFF
- CONDUIT / POLY PIPE

TRANSFORMER EXISTING SWITCHGEAR

- TRANSFORMER
- EXISTING
- SWITCHGEAR

AERIAL CONDUCTORS AND POLES

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

OH EQUIPMENT

- INTERMEDIATE
- DOP
- INLINE STRAIN
- PIT
- AERIAL STAY
- RECLOSER
- LOAD BREAK SWITCH
- CAPACITOR
- LBPTS
- PTS
- HV ISOLATOR
- LV DISCONNECTOR
- ISOL TX
- OUTRIGGER STAY
- GROUND STAY
- SECTIONALISER
- LV ABC KRONE
- STREETLIGHT BDX

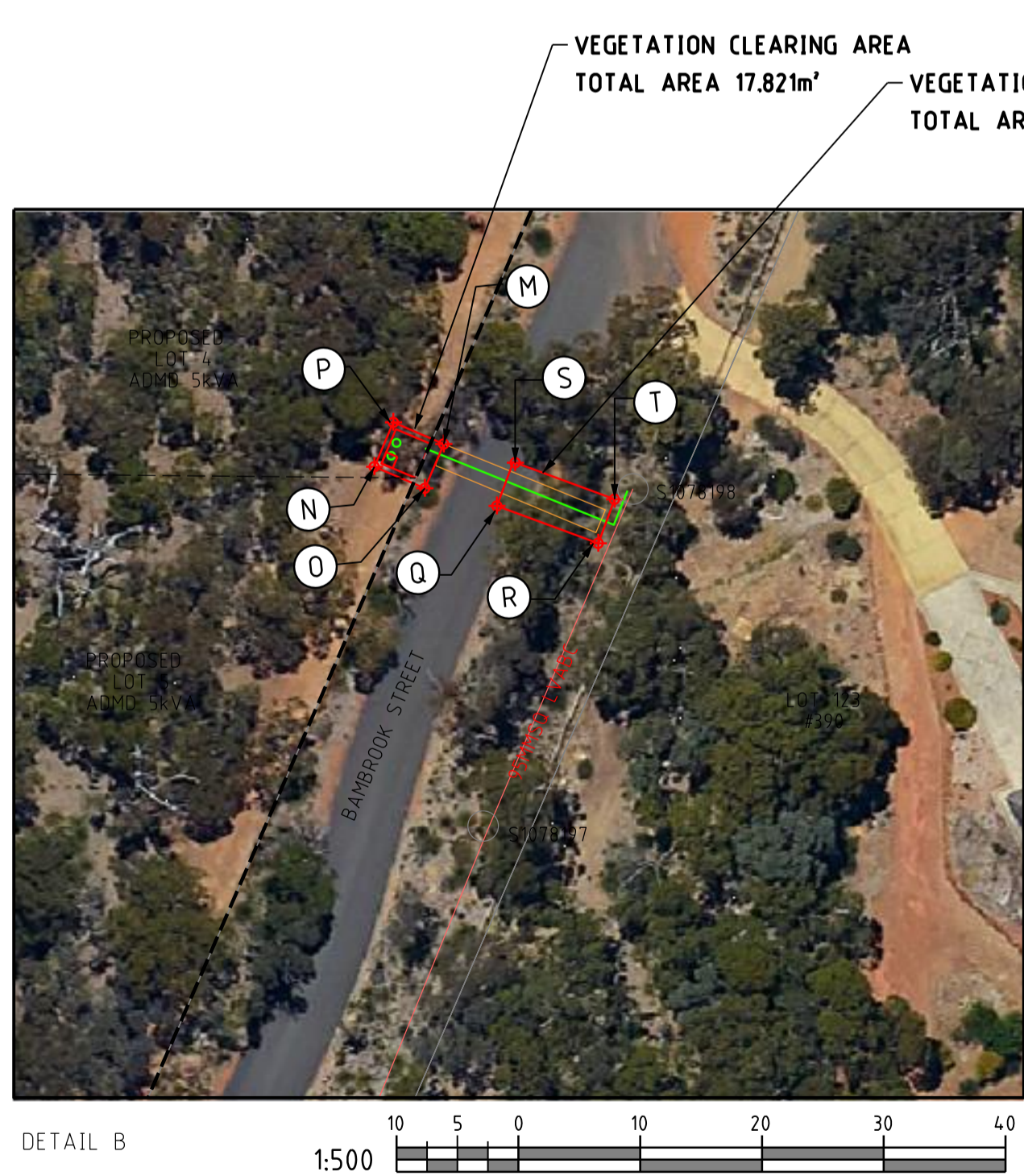
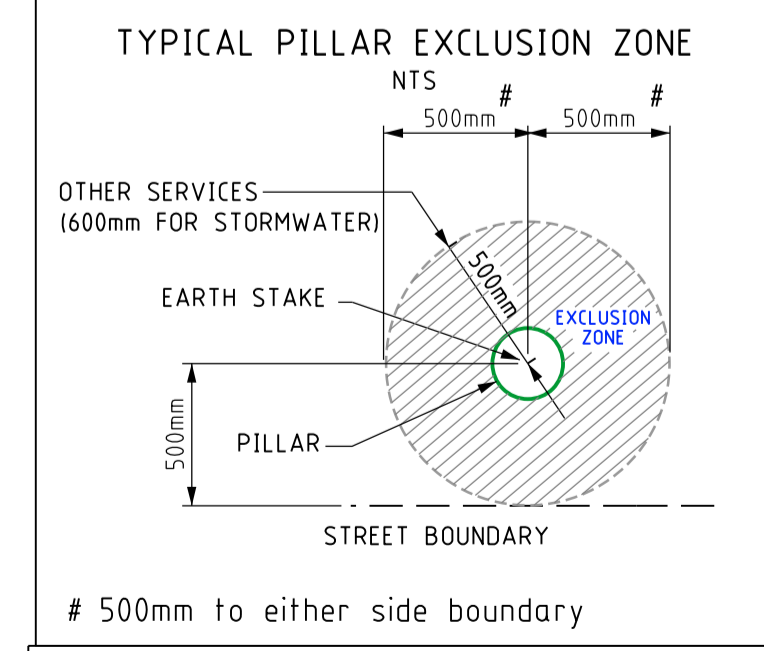
TELSTRA AND NBN PITS IN VICINITY OF WORKS

CRITICAL WATER PIPELINE IN VICINITY OF WORKS

W.A.P.C. REFERENCE No. 161262

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.



EXCAVATION WARNING:
EXCAVATION CONTRACTOR TO FOLLOW THE CODE OF PRACTICE AND PROVIDE COMPETENT PERSON APPROVAL FOR WORK METHODOLOGY AND SOIL RETENTION STRATEGY.

Rev.	ISSUED FOR CONSTRUCTION	DRN	DATE	REVISIONS	REFERENCE FILE DETAILS
A	ISSUED FOR CONSTRUCTION	L.S.	03/26		
					LV DESIGN
					SHE ASSESSMENT FILTER CHECK REPORT
					HAZARD MANAGEMENT REGISTER

ONE TO SIX GREEN TITLE SUBDIVISION
 6 x 5kVA 415V ADMD
 LOT 10, 325, BAMBROOK STREET, SAWYERS VALLEY, WA
 VEGETATION DRAWING

DESIGNER: L.SALAMI
 DESIGN TEAM: CCS RESIDENTIAL DESIGN
 EMAIL: ccs.design.resi.design@westernpower.com.au
 TEL: 13 10 87
 DATE: 03/26
 SCALE: AS NOTED @ A1
 GEO REF: Lat. - 31°53'15" S
 Long. - 116°13'35" E

westernpower

DRAWING NUMBER: NP033117
 SHEET 01 OF 02

REVISIONS: A ORIGINAL SIZE - A1