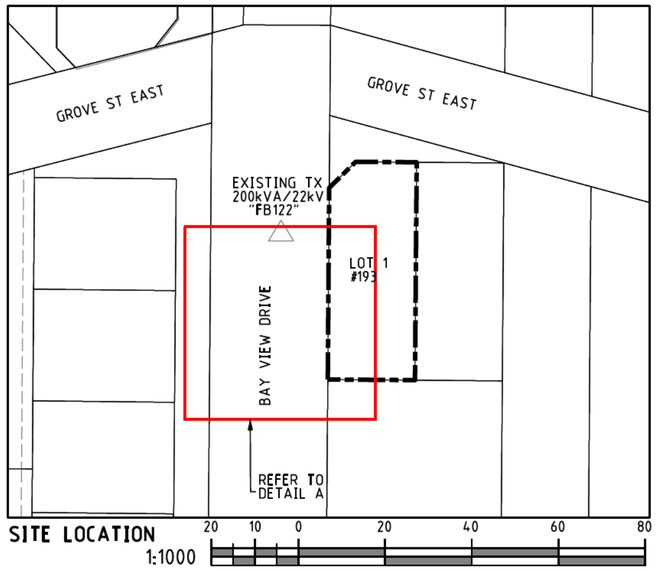
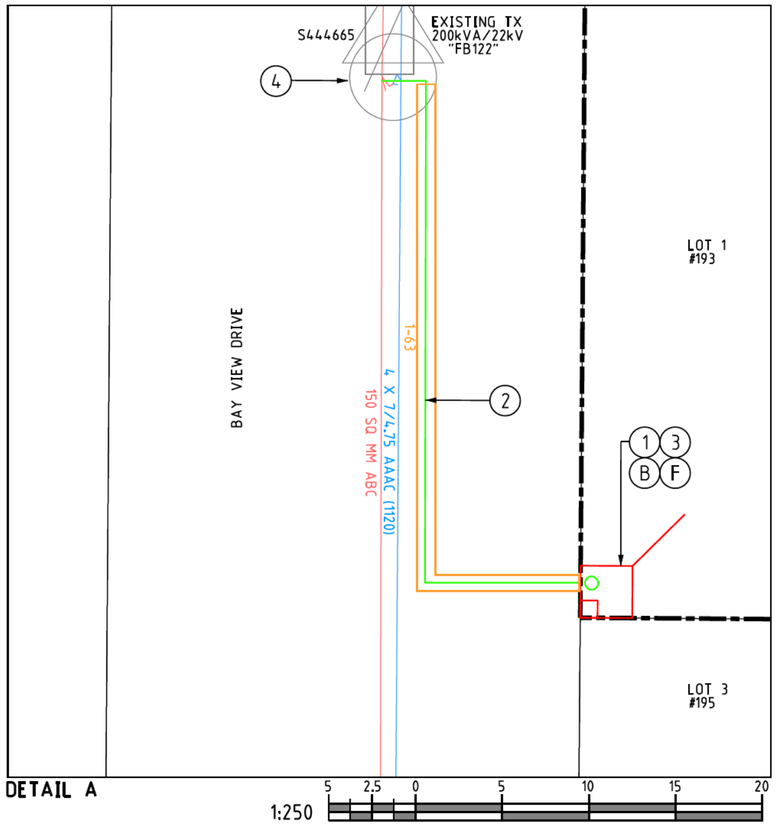
SAFETY - MAKE IT YOUR PRIMARY VALUE

ISSUED FOR CONSTRUCTION

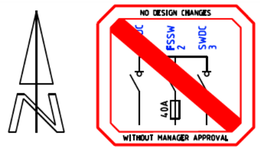


SITE LOCATION
1:1000
20 10 0 20 40 60 80



DETAIL A
1:250
5 2.5 0 5 10 15 20

TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED



CRITICAL RISK MANAGEMENT

■	■	■	■	■	□	□	□	□

WESTERN POWER SCOPE OF WORK

1. INSTALL NEW MINI PILLAR ON LOT 1 (#193) AS PER PILLAR EXCLUSION ZONE DETAIL AND AS PER CUSTOMER PEGGED LOCATION IN DETAIL A.
   CU = LU10 x 1
   DCSH = U08-04
2. INSTALL NEW 25mm LV CABLE FROM NEW MINI PILLAR ON LOT 1 (#193) TO EXISTING POLE S444665.
   CU = CN42 x 60m, CN54 x 3, CN73_LV25 x3
3. TERMINATE NEW 25mm LV CABLE INTO NEW MINI PILLAR ON LOT 1 (#193).
   DSCH = U08-04
4. TERMINATE NEW 25mm LV CABLE INTO EXISTING POLE S444665.
   CU = LU50_25/150O x 1, LU50_25/150U x 1
   DSCH = U19-01
5. ENVIRONMENTAL FILTER CHECKED

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

   1. VEGETATION:
   REFER TO SHEET 2 FOR VEGETATION CLEARING REQUIREMENTS.

   2. SURFACE WATER:
   THE PROJECT DOES NOT REQUIRE INSTALLATION OF OIL FILLED EQUIPMENT. SO, NO FURTHER ACTION IS REQUIRED FOR THIS CONSTRAINT.

   PLEASE REFER TO THE ENVIRONMENTAL DRAWING FOR MORE INFORMATION.

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

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 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.

C. CUSTOMER'S SWITCHBOARD TO BE INSTALLED WITHIN 30m OF THE NEW MINI PILLAR PRIOR TO THE ENERGISATION OF SUPPLY.

D. 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.

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

F. 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.

G. CUSTOMER IS RESPONSIBLE FOR ALL VGETATION CLEARING PRIOR COMMENCEMENT WORK AS PER THE VEGETATION CLEARING DRAWING. NO NATIVE VEGETATION MAY BE CLEARED WITHOUT NECESSARY APPROVAL/PERMIT

H. CUSTOMER TO SUPPLY AND INSTALL DUCTING AS NOTED ON THE DESIGN DRAWING.

LEGEND

HV CABLES

- CN53 - 400mm2 (3X1c)
- CN49 - 240mm2 (3X1c)
- CN48 - 185mm2 (3X1c)
- CN50 - 95mm2 (3X1c)
- CN51 - 50mm2 (3X1c)
- CN51 - 50mm2 (1c)
- CN46 - 35mm2 (3X1c)
- 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)
- 40 C PILOT
- EXISTING LV CABLES (SIZE AND TYPE INDICATED)

STREET LIGHTS — EXISTING

- # POLE BRACKET
- # SINGLE OUTREACH
- # DOUBLE OUTREACH
- # 4-WAY

- ALPHA CHARACTER DENOTES STREET LIGHT TYPE.
REFER STREET LIGHT SCHEDULE FOR POLE & LUMINAIRE DETAILS.

PILLARS / PITS / ETC

- MINI (WORKING END)
- U UNIVERSAL
- MINI
- L LINK
- CABLE MARKER U/G
- SUM Serviced Uncleared De-energised Lot
- UM UMS PIT
- UTILITIES PIT
- SP BGSP PIT
- 100/200AMP CUTOUT
- CONDUIT / POLY PIPE

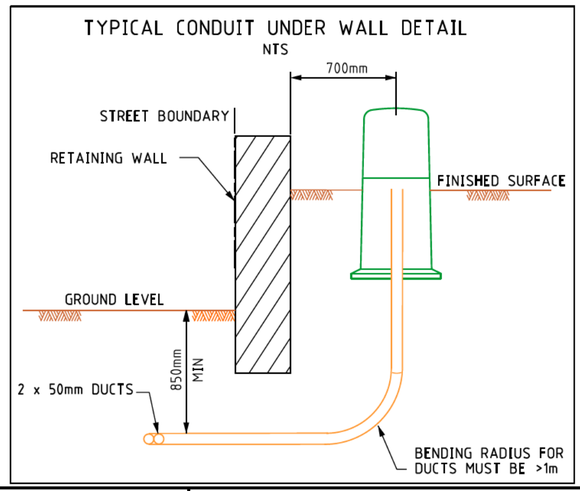
TRANSFORMER (T) EXISTING SWITCHGEAR (S)

AERIAL CONDUCTORS AND POLES

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

TYPICAL CONDUIT UNDER WALL DETAIL

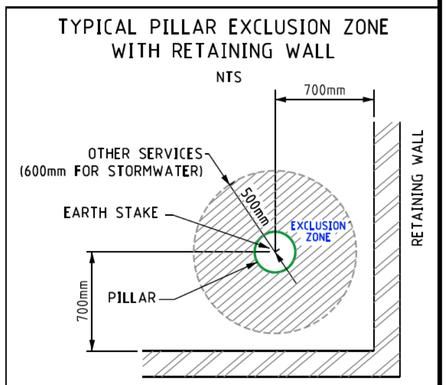
NTS



NBN & TELSTRA
IN VICINITY OF WORKS
WATER CORPORATION PIPELINE
IN VICINITY OF WORKS

TYPICAL PILLAR EXCLUSION ZONE WITH RETAINING WALL

NTS



CUSTOMER CONTACT DETAILS

COMPANY NAME: XYZ PTY LTD
CONTACT: [redacted] TEL: [redacted]

Rev.	REVISIONS	DRN	DATE	FILE REFERENCE DETAILS
				SHE ASSESSMENT FILTER
A	ISSUED FOR CONSTRUCTION	Z.A	09/26	HAZARD MANAGEMENT REGISTER

NEW RESIDENTIAL SUPPLY

5kVA/415V DADMD SUPPLY

LOT 1 #193 BAY VIEW DRIVE LITTLE GROVE

NETWORK VOLTAGE: 22kV / 415V

DESIGNER: [redacted]
DESIGN TEAM: RESIDENTIAL DESIGN TEAM
EMAIL: [redacted]
TEL: [redacted]
DATE: 09/26 SCALE: AS NOTED @ A2
GEO REF: Lat. -35° 3' 57.49578" S Long. -117° 52' 13.75502" E

westernpower

DRAWING NUMBER

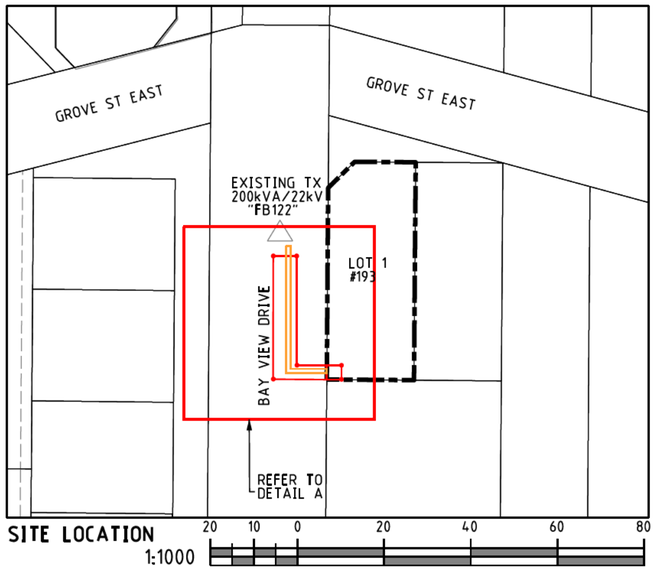
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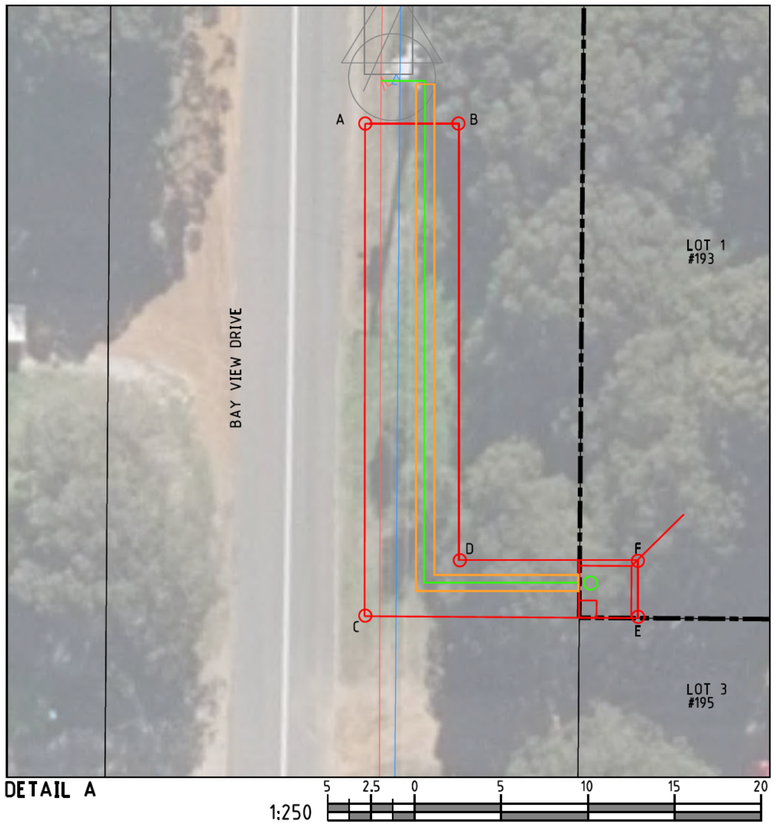
SHEET 01 OF 02

REV: A ORIGINAL SIZE - A2

SAFETY - MAKE IT YOUR PRIMARY VALUE

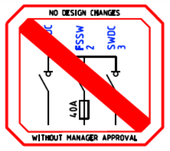
ISSUED FOR CONSTRUCTION





TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED





CRITICAL RISK MANAGEMENT



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:

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 MARKED AREA 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.

VEGETATION CLEARING LOCATIONS

VERTEX	EASTING	NORTHING
A	579347.556m	6119296.290m
B	579352.926m	6119296.290m
C	579347.556m	6119267.926m
D	579353.010m	6119271.117m
E	579359.835m	6119267.857m
F	579359.862m	6119271.081m

LEGEND

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- POLE BRACKET / POLE BRACKET
- SINGLE OUTREACH / SINGLE OUTREACH
- DOUBLE OUTREACH / DOUBLE OUTREACH
- 4-WAY / 4-WAY

- ALPHA CHARACTER DENOTES STREET LIGHT TYPE. REFER STREET LIGHT SCHEDULE FOR POLE & LUMINAIRE DETAILS.

PILLARS / PITS / ETC

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

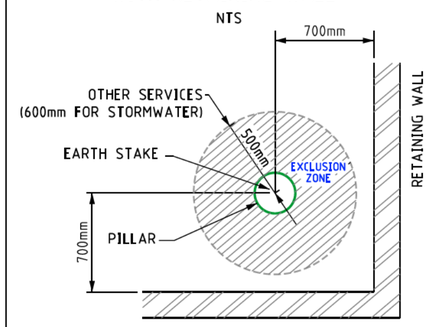
TRANSFORMER **EXISTING** **SWITCHGEAR**

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TYPICAL PILLAR EXCLUSION ZONE WITH RETAINING WALL

NTS



CUSTOMER CONTACT DETAILS

COMPANY NAME: XYZ PTY LTD
CONTACT: [redacted] TEL: [redacted]

ENTIAL SUPPLY

DADMD SUPPLY

VIEW DRIVE LITTLE GROVE

LTAGE: 22kV / 415V

DESIGNER: [redacted]
DESIGN TEAM: RESIDENTIAL DESIGN TEAM
EMAIL: [redacted]
TEL: [redacted]
DATE: 09/26 SCALE: AS NOTED @ A2
GEO REF: Lat. -35° 3' 57.49578" S Long. 117° 52' 13.75502" E

western power

DRAWING NUMBER

SP053788

SHEET 02 OF 02

REV: A ORIGINAL SIZE - A2