

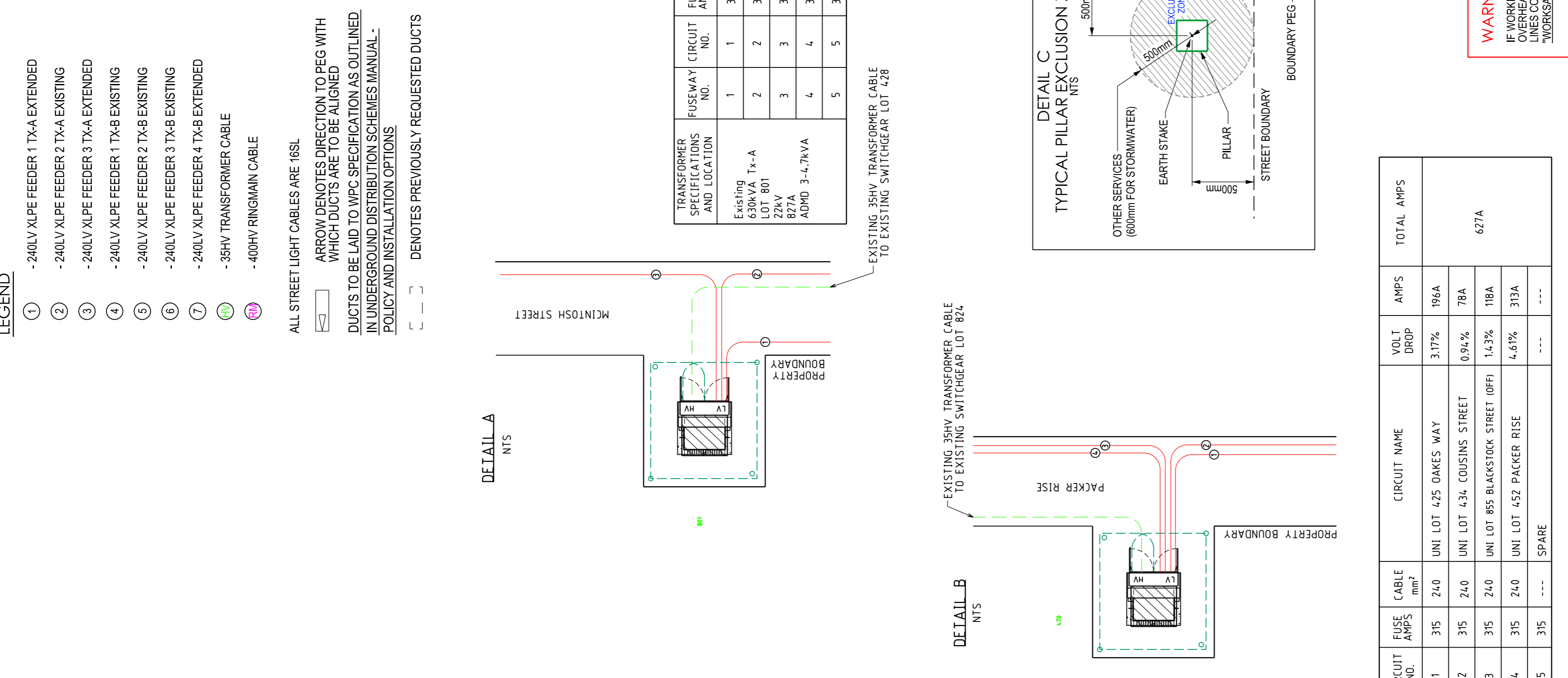
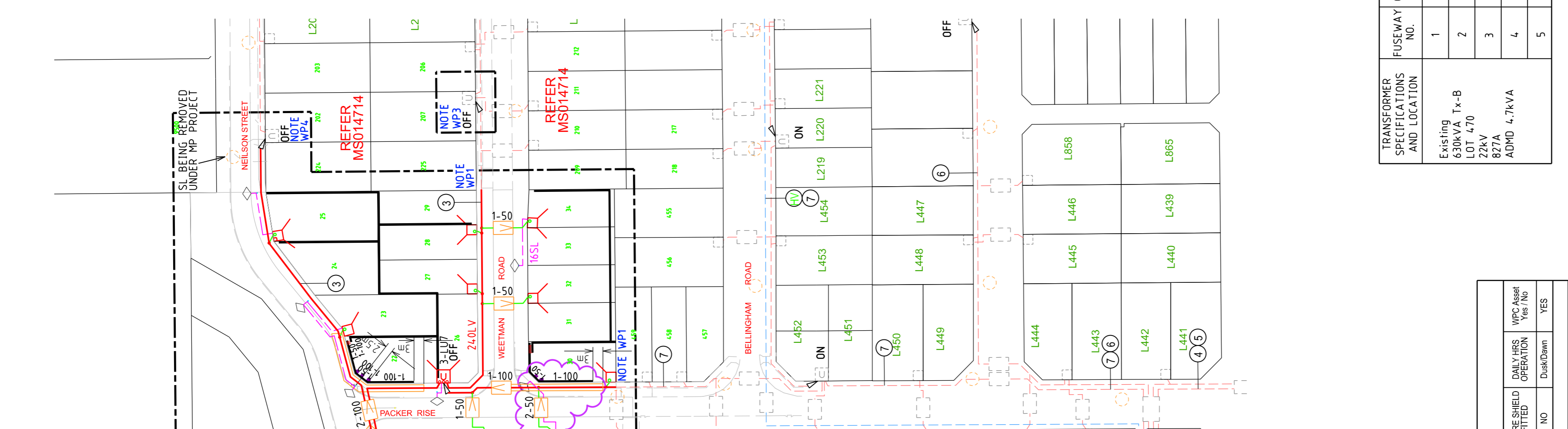
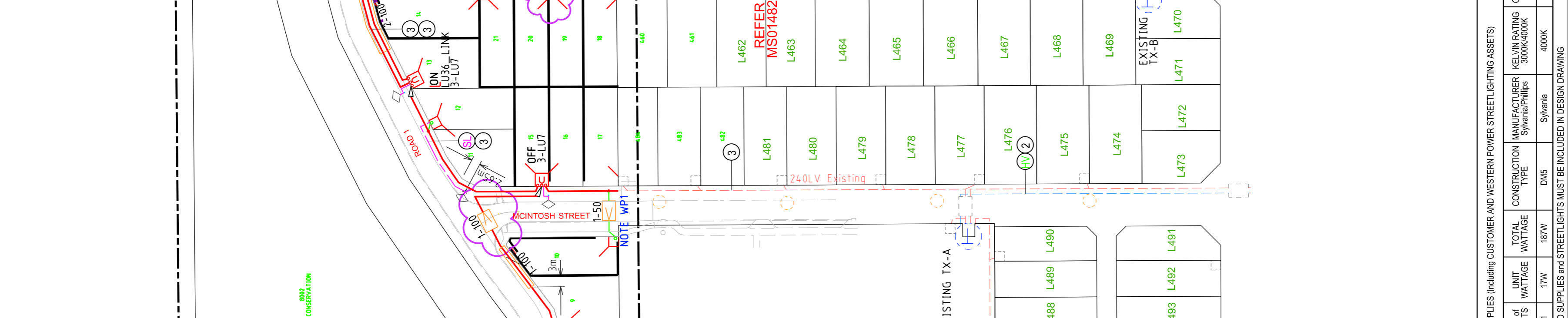
TYPE OF EQUIPMENT	NO. OF UNITS	UNIT WATTAGE	TOTAL WATTAGE	CONSTRUCTION TYPE	MANUFACTURER	WEL UN RATINGS	GLARE SHIELD FITTED	DAILY USE OPERATION	WPC Model
E.5m Midspan Spring Pole, Bourke Hill Luminaire - Slim Body	11	17W	187W	DTM	Sylvania	3000/4000K	NO	Dark/Dawn	YES

NOTE: ALL UNMETERED SUPPLIES INCLUDING CUSTOMER AND WESTERN POWER STREETLIGHTING ASSETS.

ASSEMBLY	QUANTITY
CN41_16mm SL CABLE	266
CN42_25mm LV CABLE	192
CN45_240mm LV CABLE	801
CN54_CABLE PROTECTOR SLAB	78
CN61_125 CABLE PROTECTOR TAPE	1
CN73_LV10/16 CAP ENDS	22
CN73_LV25 CAP ENDS	32
CN73_LV25 CAP ENDS	14
DM102_1A_SLATE GREY BOURKE HILL LED 1A (17W)	11
DM5_1_SLATE GREY MEADOW SPRINGS POLE 6.5m	11
LU10_MINI PILLAR	16
LU11_MINI PILLAR	3
LU36_LINK TERMINAL LINK 400A	1
LU5_TEE JOINT 25/240	14
LU7_240 UNI PILLAR TERMINATION	9
SL18_BOURKE LUMINAIRE ADAPTOR	11

TRANSFORMER SPECIFICATIONS AND LOCATION	FUSEWAY NO.	CIRCUIT NO.	FUSE AMPS	CABLE mm ²	AMPS	VOLT DROP	CIRCUIT NAME	TOTAL AMPS
Existing 630kVA Tx-A LOT 801	1	1	315	240	196A	3.17%	UNI LOT 425 OAKES WAY	196A
22kV 877A ADM 3-4, 7kVA	2	2	315	240	78A	0.94%	UNI LOT 434 COUSINS STREET	78A
	3	3	315	240	118A	1.47%	UNI LOT 895 BLACKSTOCK STREET (OFF)	118A
	4	4	315	240	313A	4.61%	UNI LOT 452 PACKER RISE	313A
	5	5	315	---	---	---	SPARE	---

TRANSFORMER SPECIFICATIONS AND LOCATION	FUSEWAY NO.	CIRCUIT NO.	FUSE AMPS	CABLE mm ²	AMPS	VOLT DROP	CIRCUIT NAME	TOTAL AMPS
Existing 630kVA Tx-B LOT 870	1	1	315	240	196A	3.17%	UNI LOT 425 OAKES WAY	196A
22kV 877A ADM 4, 7kVA	2	2	315	240	78A	0.94%	UNI LOT 434 COUSINS STREET	78A
	3	3	315	240	118A	1.47%	UNI LOT 895 BLACKSTOCK STREET (OFF)	118A
	4	4	315	240	313A	4.61%	UNI LOT 452 PACKER RISE	313A
	5	5	315	---	---	---	SPARE	---



CONTRACTOR NOTES:

C1. ALL STREETLIGHTS SHALL BE LOCATED ON THE STANDARD 2.7m ALIGNMENT DIRECTLY OPPOSITE THE NEAREST BOUNDARY PEG UNLESS DIMENSIONED OTHERWISE.

C2. THE CONTRACTOR SHALL COIL SUFFICIENT LENGTH OF CABLE AT THE END OF THE SCHEME BOUNDARY TO JOINT FUTURE STAGES.

C3. THE CONTRACTOR TO SUPPLY AND INSTALL ALL CONDUITS REQUIRED FOR ROAD CROSSINGS, EASEMENTS AND WHERE RETAINING WALLS ARE PRESENT. THE CONTRACTOR SHALL REFER TO THE CIVIL DRAWINGS FOR DETAILS AS REQUIRED.

C4. ALL STREET LIGHT CABLES UNDER ROAD PAVEMENT TO BE IN 50mm CONDUIT, WHERE STREETLIGHT CABLES ARE INSTALLED IN OR CROSS ALIGNMENTS OTHER THAN THE 0-500 ALIGNMENT THEY ARE TO BE INSTALLED IN 50mm CONDUIT.

C5. REFER TO CLAUSE 5.3.3.2 OF THE UDS MANUAL AND DETAIL C FOR WESTERN POWERS SERVICE PILLAR EXCLUSION ZONE.

C6. CONTRACTOR TO EXERT CAUTION WHEN IN THE VICINITY OF EXISTING CABLES AND TO HAND TRENCH WHEN NECESSARY. ALLOW FOR RECIPIENT IN CHARGE AS REQUIRED.

C7. CONTRACTOR IS TO LOCATE EXISTING WORKING END LIVE END SEAL PRIOR TO COMPLETING CIVIL WORK. WHERE NECESSARY, NEW PIPES SHALL BE INSTALLED TO ENABLE WESTERN POWER TO UNDERTAKE THE INTERFACE STRAIGHT JOINTS.

C8. REFER TO CIVIL RETAINING WALL DRAWINGS FOR DEEPEEN FOOTING DETAILS AND INFORMATION.

C9. CONTRACTOR TO BORE UNDER EXISTING ROAD PAVEMENT.

C10. STREETLIGHT TO BE INSTALLED 1.1m BEHIND FACE OF KERB (1.1m FROM FACE OF KERB TO CENTRE OF POLE).

WESTERN POWER SCOPE OF WORKS:

WP1. WESTERN POWER TO COMPLETE STRAIGHT JOINTS AND ALLOW FOR ALL MATERIALS FOR COMPLETE INSTALLATION.

WP2. WESTERN POWER TO TEE-JOINT NEW 25LV CABLES TO EXISTING 240LV CABLE AS SHOWN AND ALLOW FOR ALL MATERIALS FOR COMPLETE INSTALLATION.

WP3. WESTERN POWER TO REMOVE LU36 LINK FROM EXISTING UNI PILLAR AND SWITCH TO OFF AS SHOWN. WESTERN POWER TO ALLOW FOR ALL MATERIALS FOR COMPLETE INSTALLATION.

WP4. WESTERN POWER TO TERMINATE NEW 240LV CABLE INTO EXISTING UNI PILLAR AND SWITCH OFF AS SHOWN. WESTERN POWER TO ALLOW FOR ALL MATERIALS FOR COMPLETE INSTALLATION.

LEGEND:

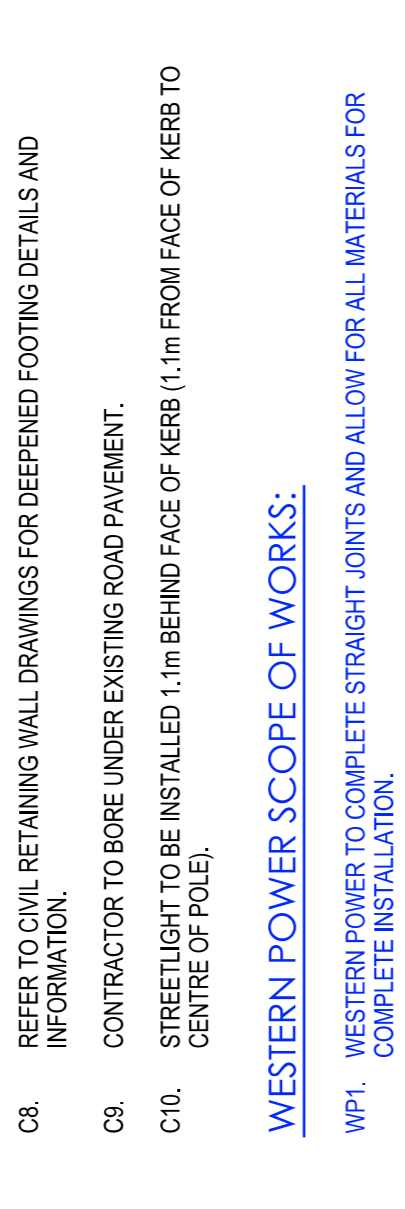
- ① - 240LV XLPE FEEDER 1 TX-A EXTENDED
- ② - 240LV XLPE FEEDER 2 TX-A EXISTING
- ③ - 240LV XLPE FEEDER 3 TX-A EXTENDED
- ④ - 240LV XLPE FEEDER 1 TX-B EXISTING
- ⑤ - 240LV XLPE FEEDER 2 TX-B EXISTING
- ⑥ - 240LV XLPE FEEDER 3 TX-B EXISTING
- ⑦ - 240LV XLPE FEEDER 4 TX-B EXTENDED
- ⑧ - 38HV TRANSFORMER CABLE
- ⑨ - 40HV RINGMAIN CABLE

ALL STREET LIGHT CABLES ARE 16SL.

ARROW DENOTES DIRECTION TO PEG WITH WHICH DUCTS ARE TO BE ALIGNED.

DUCTS TO BE LAID TO WPC SPECIFICATION AS OUTLINED IN UNDERGROUND DISTRIBUTION SCHEMES MANUAL - POLICY AND INSTALLATION OPTIONS.

--- DENOTES PREVIOUSLY REQUESTED DUCTS.



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THE MATERIALS LIST SUPPLIED WITH THIS DRAWING IS A SUMMARY LIST ONLY AND IS PROVIDED FOR YOUR ASSISTANCE. THE CONTRACTOR SHALL VERIFY THE UNDER OPTION B FINAL QUANTITIES ARE THE CONTRACTORS RESPONSIBILITY. SEE SECTION 5.2 OF THE HANDBOOK FOR DEVELOPERS (DSB 95.1).

WARNING

BEWARE OF UNDERGROUND SERVICES

The location of underground cables are approximate only and their exact position is given that all existing cables and services are shown. Locate all underground cables before you dig. Refer to Worksafe Regulation 3.21.

WARNING

IF WORKING IN THE VICINITY OF EXISTING OVERHEAD DISTRIBUTION OR TRANSMISSION LINES CONTRACTOR TO COMPLY WITH "WORKSAFE" CLEARANCES DURING CONSTRUCTION.

STANTEC

Perth
Ground Floor, 226 Adelaide Terrace, Perth, WA, 6000
Tel: +61 8 6222 7000
www.stantec.com

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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec within safety workdays or use for any purpose other than that authorized by Stantec's forbidding.

Lot Details

RESIDENTIAL LOTS: 34

GROUP HOUSING: 0

COMMERCIAL: 0

SUBS: 0

OTHER: 0

Western Power Ref: M0318556 32°10'15" S 115°50'25" E

Client/Project

FOBBING HALL PTY LTD & BEAUCHAMP NOMINEES PTY LTD

FRANKLAND AVENUE (LOT 9008) HAMMOND PARK

Title

UNDERGROUND POWER DISTRIBUTION PLAN

Project No. 301236575 WAPC No. 160918 Scale 1:1000

Revision C Drawing No. UP-700-UP-P1

Legend

SCHEME BODY

RETAINING WALL

DEEPEEN WALL FOOTING

HV CABLES

CN83 - 400mm² (3X1c)

CN89 - 240mm² (3X1c)

CN89 - 185mm² (3X1c)

CN89 - 95mm² (3X1c)

CN81 - 50mm² (3X1c)

CN87 - 30mm² (3X1c)

CN87 - 30mm² (1c)

EXISTING HV CABLES (SIZE AND TYPE INDICATED)

Legend

LV-SL CABLES

CN45 - 240mm² (1c)

CN44 - 185mm² (1c)

CN43 - 120mm² (1c)

CN4 - 25mm² (1c)

CN4 - 16mm SL (1c)

40c C/PLOT

EXISTING LV CABLES (SIZE AND TYPE INDICATED)

Legend

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)

Legend

AMENDMENTS AS CLOUSED

CADASTRAL CHANGE

ISSUE TO WESTERN POWER FOR CONFORMANCE

Revision

C	TJU	SM	2023.10.26
B	TJU	SM	2023.05.26
A	TJU	SM	2022.08.03

Rev By Appd

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