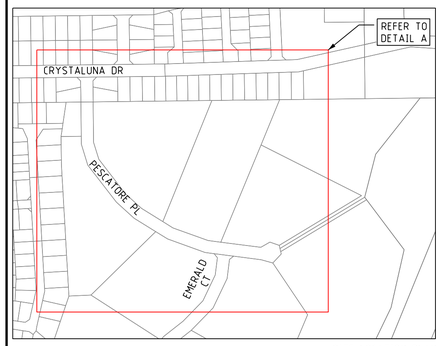
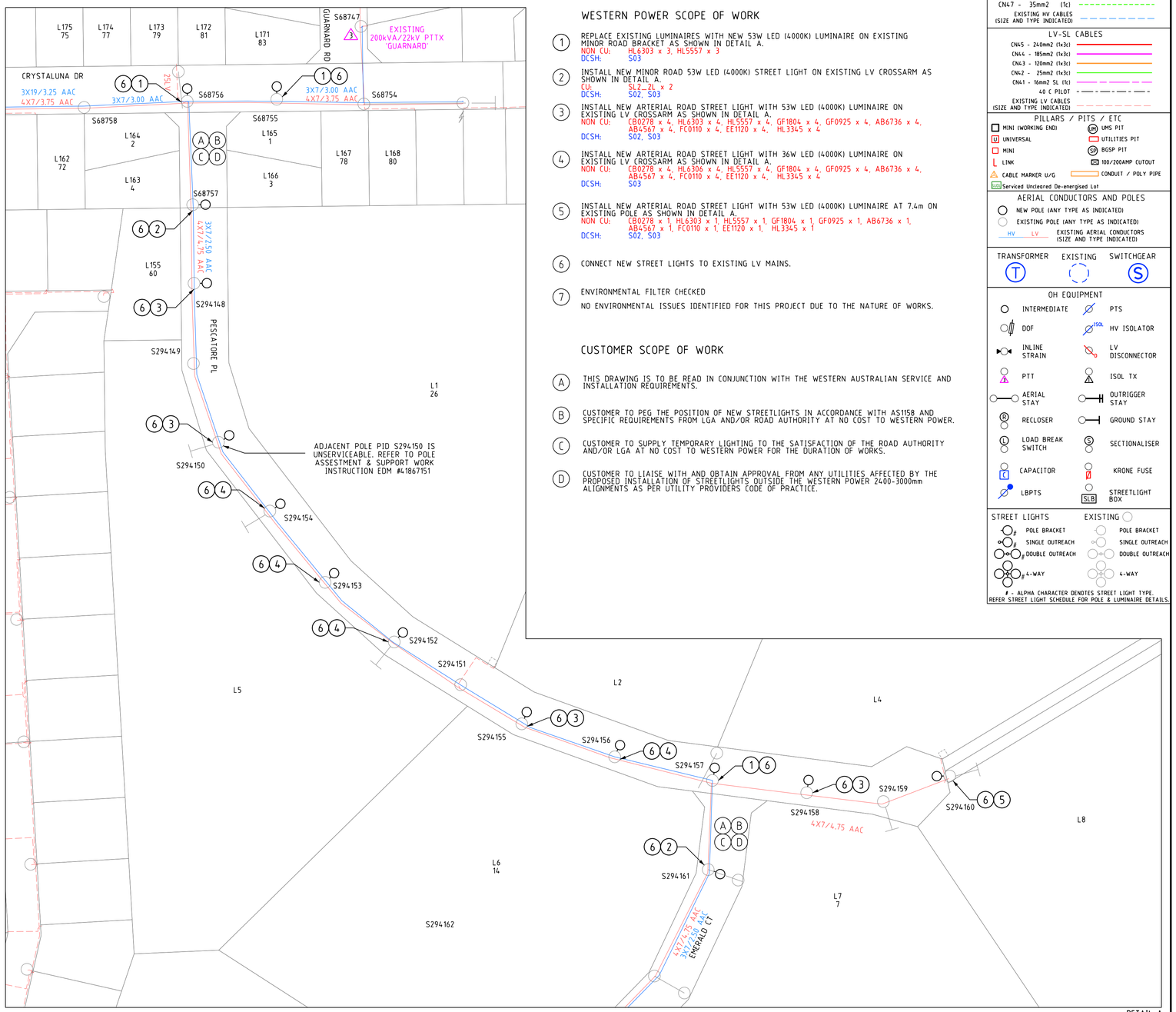
TO BE CONSTRUCTED DE-ENERGISED UNLESS RISK ASSESSED



SITE LOCATION PLAN
1:5000 100 50 0 100 200 300 400

POLE SCHEDULE

POLE ID	POLE DETAILS	INSTRUCTIONS	POLE LOCATION EASTING	POLE LOCATION NORTHING	STRUCTURE MATERIALS / CU'S	DCSH REFERENCE	ASCON CHECK
S68755	EXISTING	REPLACE	383683.423	6410854.462	HL6303 x 1, HL5557 x 1	S03	
S68756	EXISTING	REPLACE	383645.375	6410853.582	HL6303 x 1, HL5557 x 1	S03	
S68757	EXISTING	INSTALL	383647.712	6410809.708	SL2_2L x 1	S02, S03	
S294148	EXISTING	INSTALL	383648.275	6410776.368	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1, AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S02, S03	
S294150	EXISTING	INSTALL	383658.65	6410708.91	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1, AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S02, S03	
S294154	EXISTING	INSTALL	383680.49	6410679.71	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1,AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S03	
S294153	EXISTING	INSTALL	383703.96	6410649.45	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1,AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S03	
S294152	EXISTING	INSTALL	383733.33	6410624.15	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1,AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S03	
S294155	EXISTING	INSTALL	383787.49	6410589.39	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1, AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S02, S03	
S294156	EXISTING	INSTALL	383826.95	6410575.4	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1,AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S03	
S294157	EXISTING	REPLACE	383868.49	6410565.37	HL6303 x 1, HL5557 x 1	S03	
S294158	EXISTING	INSTALL	383908.52	6410560.15	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1, AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S02, S03	
S294159	EXISTING	INSTALL	383941.06	6410556.4	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1, AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S02, S03	
S294160	EXISTING	INSTALL	383969.22	6410567.25	CB0278 x 1, HL6306 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1, AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1	S02, S03	
S294161	EXISTING	INSTALL	383866.68	6410527.53	SL2_2L x 1	S02, S03	



DETAIL A
1:1000 20 10 0 20 40 60 80

CRITICAL RISK MANAGEMENT

WESTERN POWER SCOPE OF WORK

1. REPLACE EXISTING LUMINAIRES WITH NEW 53W LED (4000K) LUMINAIRE ON EXISTING MINOR ROAD BRACKET AS SHOWN IN DETAIL A.
   NON CU: HL6303 x 3, HL5557 x 3
   DCSH: S03
2. INSTALL NEW MINOR ROAD 53W LED (4000K) STREET LIGHT ON EXISTING LV CROSSARM AS SHOWN IN DETAIL A.
   CU: SL2_2L x 2
   DCSH: S02, S03
3. INSTALL NEW ARTERIAL ROAD STREET LIGHT WITH 53W LED (4000K) LUMINAIRE ON EXISTING LV CROSSARM AS SHOWN IN DETAIL A.
   NON CU: CB0278 x 4, HL6303 x 4, HL5557 x 4, GF1804 x 4, GF0925 x 4, AB6736 x 4, AB4567 x 4, FC0110 x 4, EE1120 x 4, HL3345 x 4
   DCSH: S02, S03
4. INSTALL NEW ARTERIAL ROAD STREET LIGHT WITH 36W LED (4000K) LUMINAIRE ON EXISTING LV CROSSARM AS SHOWN IN DETAIL A.
   NON CU: CB0278 x 4, HL6306 x 4, HL5557 x 4, GF1804 x 4, GF0925 x 4, AB6736 x 4, AB4567 x 4, FC0110 x 4, EE1120 x 4, HL3345 x 4
   DCSH: S03
5. INSTALL NEW ARTERIAL ROAD STREET LIGHT WITH 53W LED (4000K) LUMINAIRE AT 7.4m ON EXISTING POLE AS SHOWN IN DETAIL A.
   NON CU: CB0278 x 1, HL6303 x 1, HL5557 x 1, GF1804 x 1, GF0925 x 1, AB6736 x 1, AB4567 x 1, FC0110 x 1, EE1120 x 1, HL3345 x 1
   DCSH: S02, S03
6. CONNECT NEW STREET LIGHTS TO EXISTING LV MAINS.
7. ENVIRONMENTAL FILTER CHECKED
   NO ENVIRONMENTAL ISSUES IDENTIFIED FOR THIS PROJECT DUE TO THE NATURE OF WORKS.

CUSTOMER SCOPE OF WORK

- A. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE WESTERN AUSTRALIAN SERVICE AND INSTALLATION REQUIREMENTS.
- B. CUSTOMER TO PEG THE POSITION OF NEW STREETLIGHTS IN ACCORDANCE WITH AS1158 AND SPECIFIC REQUIREMENTS FROM LGA AND/OR ROAD AUTHORITY AT NO COST TO WESTERN POWER.
- C. CUSTOMER TO SUPPLY TEMPORARY LIGHTING TO THE SATISFACTION OF THE ROAD AUTHORITY AND/OR LGA AT NO COST TO WESTERN POWER FOR THE DURATION OF WORKS.
- D. CUSTOMER TO LIAISE WITH AND OBTAIN APPROVAL FROM ANY UTILITIES AFFECTED BY THE PROPOSED INSTALLATION OF STREETLIGHTS OUTSIDE THE WESTERN POWER 2400-3000mm ALIGNMENTS AS PER UTILITY PROVIDERS CODE OF PRACTICE.

LEGEND

SCHEME BDY.
RETAINING WALL
RESTRICTED ZONE
EASEMENT

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)

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

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)

TRANSFORMER EXISTING SWITCHGEAR

OH EQUIPMENT
INTERMEDIATE
DOF
INLINE STRAIN
PTT
AERIAL STAY
RECLOSER
LOAD BREAK SWITCH
CAPACITOR
LBPTS
PTS
HV ISOLATOR
LV DISCONNECTOR
ISOL TX
OUTRIGGER STAY
GROUND STAY
SECTIONALISER
KRONE FUSE
STREETLIGHT BOX

STREET LIGHTS
POLE BRACKET
SINGLE OUTREACH
DOUBLE OUTREACH
4-WAY
EXISTING
POLE BRACKET
SINGLE OUTREACH
DOUBLE OUTREACH
4-WAY
- ALPHA CHARACTER DENOTES STREET LIGHT TYPE. REFER STREET LIGHT SCHEDULE FOR POLE & LUMINAIRE DETAILS.

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

ISSUED FOR CONSTRUCTION

CUSTOMER CONTACT DETAILS
COMPANY NAME: CITY OF ROCKINGHAM
CONTACT: SAMANTHA O'DEA TEL: 8 9528 8666

Rev.	REVISIONS	DRN	DATE	REFERENCE FILE DETAILS
A	ISSUED FOR CONSTRUCTION	J.B.	10/25	HAZARD MANAGEMENT REGISTER

STREETLIGHT INSTALLATION

NETWORK VOLTAGE: 22kV/415V

PESCATORE PLACE SINGLETON

DESIGN DRAWING

DESIGNER: CUSTOMER CONNECTION DESIGN
DESIGN TEAM: CCS SBM QAT - GHD
EMAIL: ccs.sbm.qat@westernpower.com.au
TEL: 13 10 87
DATE: 10/25 | SCALE: AS NOTED @ A1
GEO REF: Lat. - 32°26'0.17392" S Long. 115°45'45.38994" E

DRAWING NUMBER
MP217219
SHEET 01 OF 01
REV: A | ORIGINAL SIZE - A1