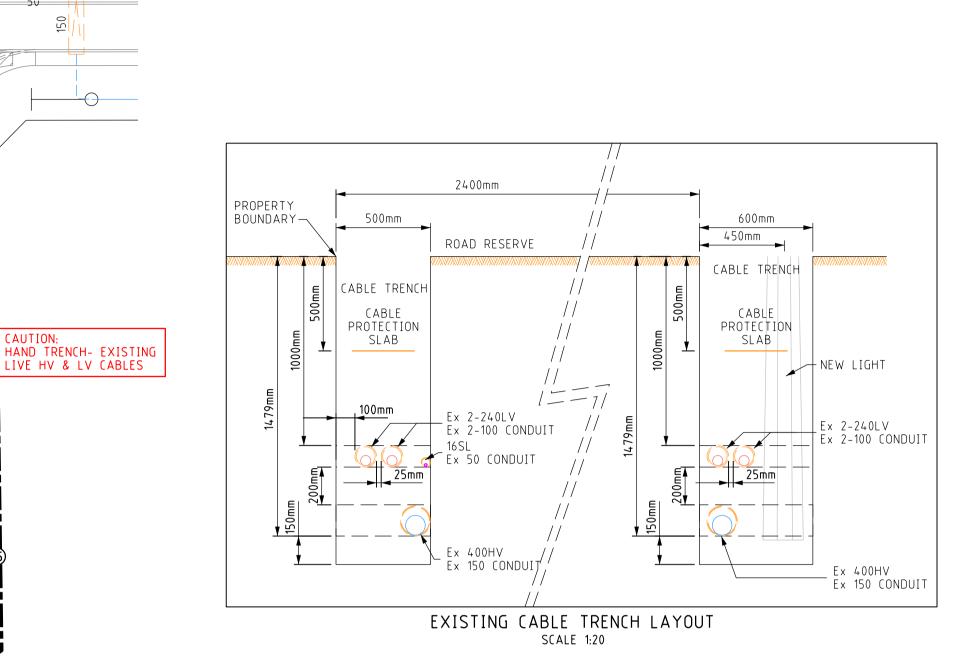
## CONTRACTOR NOTES:

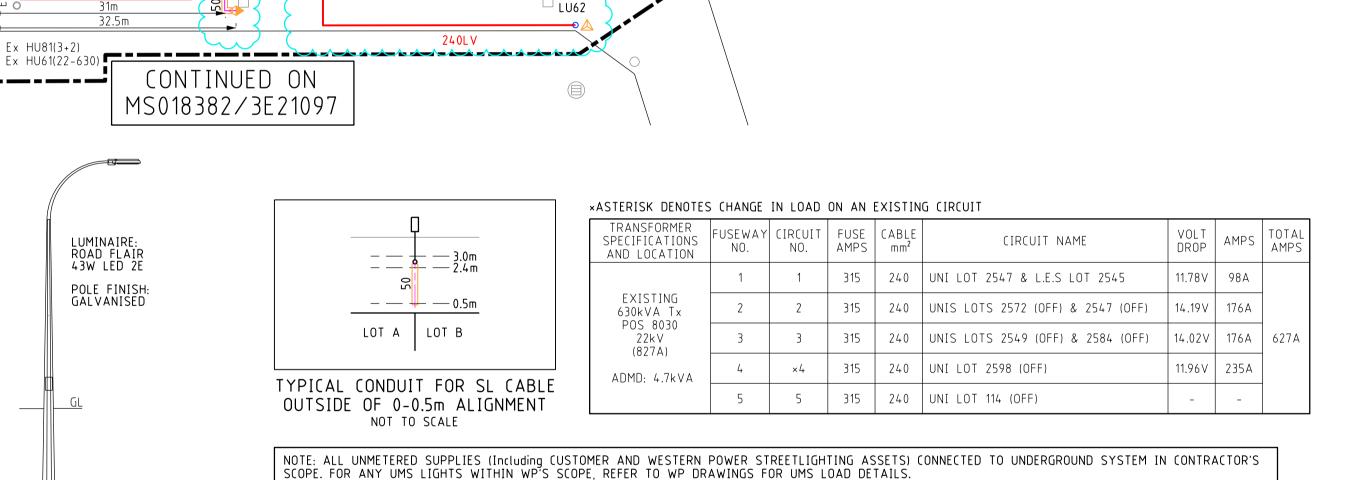
- DRAWING TO BE READ IN CONJUNCTION WITH CONTRACT DRAWINGS AND SPECIFICATIONS.
- THE REQUIREMENTS HEREIN SHALL BE COMPLIED WITH, WHETHER BY THE HEAD CONTRACTOR OR ELECTRICAL SUB-CONTRACTOR. CONTRACTORS SHOULD BE EXPERIENCED IN THIS WORK AND SHALL MEET LISTED WP QUALIFICATIONS.
- SUPPLY & INSTALL ALL WORKS AS SHOWN ON THESE DRAWINGS, TO PROVIDE A COMPLETE AND WORKING SYSTEM. COMPLETE ALL ASSOCIATED WORKS.
- ALL WORKS SHALL COMPLY WITH WESTERN POWER (WP) POLICIES, INCLUDING THE UDS, WASIR, DDC, DSPM, DCSH, UCIM AND EARTHING FAQ. ALL MATERIALS USED MUST BE APPROVED WESTERN POWER MATERIALS.
- COMPLY WITH ALL REQUIREMENTS OF THE LOCAL GOVERNMENT AUTHORITY (LGA) AND MAIN ROADS WA (MRWA) (IF APPLICABLE). VERIFY ALL MATERIAL QUANTITIES AGAINST SITE CONDITIONS
- PRIOR TO TENDER AND ADVISE THE PRINCIPAL OF ANY VARIATIONS IN TENDER OFFER.
- PREPARE AND COMPLY WITH A SITE SAFETY MANAGEMENT PLAN, INCORPORATING REQUIREMENTS OF WP'S ESSR AND ALL APPLICABLE LAWS & REGULATIONS.
- FOR ALL WORKS IN PROXIMITY OF EX SERVICES AND ASSETS: ACQUIRE CURRENT DBYD DRAWINGS. LOCATE UG SERVICES AS NECESSARY USING APPROPRIATE TECHNIQUES (GROUND PENETRATING RADAR, HAND & VACUUM POT-HOLING ETC). COMPLY WITH THE REQUIREMENTS OF ALL SERVICE PROVIDERS FOR WORKS IN PROXIMITY TO THEIR SERVICES AND AQUIRE REQUIRED PERMITS FOR WORK, PLAN FOR AND PROTECT EXISTING SERVICES IN THE VICINITY OF ALL WORKS. DO NOT ENCROACH MINIMUM APPROACH DISTANCES FOR UG OR OH SERVICES.
- LIAISE WITH WP AS REQUIRED. ATTEND PRE-HANDOVER INSPECTION WITH WP AND RECTIFY ALL DEFECTS. COMPLETE HANDOVER PROCESS FOR ALL NETWORK TO WP.
- . LIAISE WITH SUPERINTENDENT AND NOMINATED ELECTRICAL INSPECTOR AS REQUIRED. HOST A PRE-START MEETING AND FACILITATE PERIODIC ON SITE WORK PROGRESS QA INSPECTIONS WITH SUPERINTENDENT AND/OR INSPECTOR. TRENCH, BACKFILL AND RE-INSTATE (MAKE GOOD) ALL SURFACES.
- LEAVE SUFFICIENT CABLE COILED AT ALL INTERFACE POINTS (INCLUDING JOINTS, PILLAR TERMINATIONS & POLE TERMINATIONS) TO ALLOW WP TO COMPLETE INTERFACE WORKS. INSTALL END CAPS TO PROTECT CABLE. BRING NEW CABLE ADJACENT TO EXISTING CABLE AND POT-HOLE TO EXPOSE EXISTING CABLES FOR WP AT HANDOVER.
- WHERE RETAINING WALLS, OR ANY WALL THAT COULD BE A COLLAPSE RISK DURING EXCAVATION, ARE PROPOSED, INSTALL ALL ADJACENT CABLES IN CONDUITS. WHERE SUCH WALLS ARE EXISTING, DRILL CONDUITS PAST WALLS AND HAUL CABLE THROUGH CONDUITS.
- . AT ALL POINTS WHERE CABLES ARE NOT IN CONDUIT ADJACENT TO A WALL (BENDS, JOINTS ETC) INSTALL DEEPENED WALL FOOTINGS TO AT LEAST THE DEPTH OF THE ADJACENT CABLES 5. ALL CABLES INSTALLED OUTSIDE OF 0-0.5m ALIGNMENT TO BE
- IN CONDUIT, OR WITH CABLE SLABS ABOVE WHERE REQUIRED. 6. INSTALL SUITABLE RUST-FREE DRAW WIRES IN ALL SPARE CONDUITS, INCLUDING CONSUMER-MAINS CONDUITS FROM PILLARS UNDER RETAINING WALLS
- . BORE UNDER EXISTING ROADS AND DRIVEWAYS. HAND PLUNK UNDER FOOTPATHS ETC WHERE SUITABLE.
- . STREETLIGHT POLES MUST NOT BE INSTALLED IN FOOTPATHS. PEG POLE LOCATIONS PRIOR TO INSTALL AND NOTIFY THE SUPERINTENDENT OF CLASHES IN ADVANCE.
- . STREETLIGHT POLES SHALL BE PLUMB VERTICAL AND GROUND AROUND POLES COMPACTED TO CIVIL SPECIFICATION AFTER
- O. WHERE REQUIRED, ERECT STREETLIGHT POLES ONLY AFTER NEARBY EXISTING OVERHEAD POWERLINES ARE REMOVED.
- 1. COMPLETE CLEARING/TRIMMING OF EXISTING VEGETATION AT WP INTERFACE WORKS LOCATIONS. 2. COMPLETE ALL TESTING AS PER WP REQUIREMENTS AND
- PROVIDE TEST DOCUMENTATION AND HANDOVER CHECKLIST TO THE SUPERINTENDENT OR NOMINATED ELECTRICAL INSPECTOR. 3. COMPLETE AS CONSTRUCTED PACKAGE AS PER UDS &
- PROVIDE TO THE SUPERINTENDENT. ENGAGE 3E TO PREPARE WP COMPLIANT CAD AS CON DRAWINGS. INCLUDE 3E's COSTS FOR DRAFTING AS CON DRAWINGS IN TENDER PRICE. MAINTAIN AND PROVIDE COMPLETE, CLEAR & LEGIBLE RED-LINE AS CON DRAWING MARK-UPS TO 3E.
- . NO CHANGES TO DESIGN PERMITTED WITHOUT 3E APPROVAL. SUBMIT DESIGN CHANGE REQUESTS, RFI'S OR TQ'S TO THE SUPERINTENDENT PRIOR TO MAKING ANY DESIGN CHANGES.
- 25. CONTRACTOR TO UTILISE SPARE 50mm CONDUIT IN 0-500mm ALIGNMENT FOR NEW 16SL CABLE. REFER CROSS SECTION 26. CONTRACTOR TO INSTALL STREETLIGHTS ON 2.85m ALIGNMENT
- TO AVOID EXISTING CABLES/CONDUITS. REFER CROSS SECTION
- WESTERN POWER SCOPE OF WORKS
- WP TO COST TO CARRY OUT WORKS DESCRIBED HERE, INCLUDING ALL ASSOCIATED WORKS AND SUPPLY OF ALL MATERIALS.
- (CCT 4). WP TO EXCAVATE AND BACKFILL JOINT BAY &
- B) CUT EXISTING 240LV CABLE AND JOINT NEW 240LV CABLES. EXCAVATE & BACKFILL JOINT BAYS & SUPPLY JOINTS.

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

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

DENOTES PREVIOUSLY REQUESTED DUCTS





CONTINUED ON

MS018382/3E21097

3-100 2-150

2623

CCT 4

2624

CCT 4

CCT 4

2626

CCT 4

 $\triangle$ 

HAND TRENCH- EXISTING

LIVE HV & LV CABLES

–(A)–

2619

CCT 4

HAND TRENCH- EXISTING

LIVE HV & LV CABLES

WP STANDARD 6.5m

SINGLE OUTREACH POLE

2618

CCT 4

CONTINUED ON

MS018353

CRANLEIGH STREET

2621

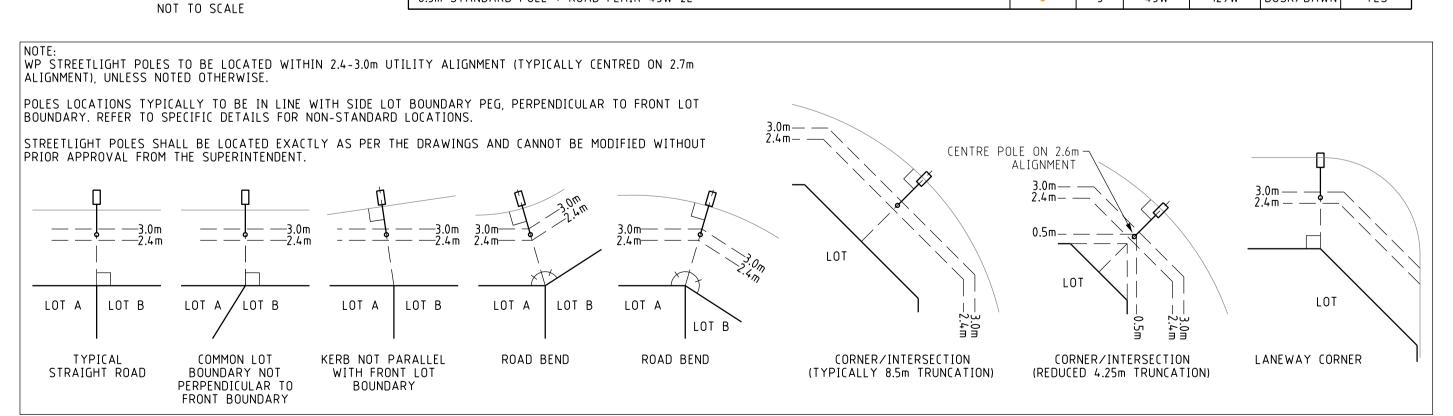
CCT 4

-(A)

2620

2622

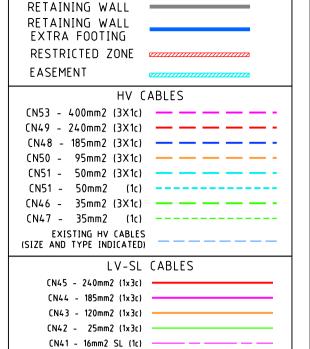
CCT 4



TYPE OF EQUIPMENT

6.5m STANDARD POLE + ROAD FLAIR 43W 2E

TYPICAL STREETLIGHT POLE LOCATIONS NOT TO SCALE



LEGEND

\_\_\_\_

SCHEME BDY.

EXISTING LV CABLES (SIZE AND TYPE INDICATED) STREET LIGHTS LEGEND DEFINES TYPE & WATTAGE - NOT COLOUR ROAD FLAIR ROAD GRACE DECORATIVE LED 4000K LED 4000K ◆ 16W 1E <> 17W 1A <>> 20W 1L ◆ 43W 2E ◆ 53W 2L <>> 42W 3A ◆ 28W 3E <>> 36W 3L ≪ 80W 4C → 70W 4E ≪ 80W 4L ♦ 100W 5C ◆ 155W 6C ◆ 140W 5E ◆ 160W 5L ◆ 165W 6E ◆ 170W 6L SUPERSEDED DISCHARGE LUMINAIRES 70W HPS 

40 C PILOT ------

\_\_\_\_>150₩ HPS /**≜** 150W MH 250W HPS △ 250W MH ( ) EXISTING 250W HPS AERODROME PILLARS / PITS / ETC MINI (WORKING END) UMS PIT UNIVERSAL CONCRETE HV CABLE PIT MINI P# P# - TYPE B/D - TRAFFICABLE LINK LID RATING STANDARD WP ☐ 100/200AMP CUTOUT

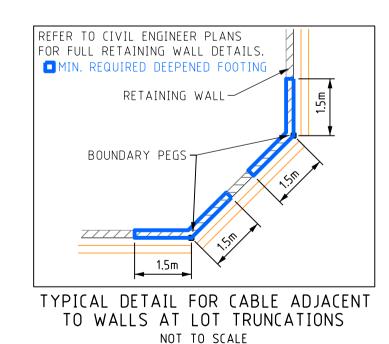
CUSTOM FOOTPATH

SERVICED UNCLEARLE
DE-ENERGISED LOT CABLE MARKER PLATE **EXISTING SUDL LOT,**TO BE ENERGISED NOW CONDUIT / POLY PIPE TRANSFORMER EXISTING SWITCHGEAR AERIAL CONDUCTORS AND POLES

SERVICED UNCLEARED

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

TYPICAL PILLAR EXCLUSION ZONE NOT TO SCALE OTHER SERVICES -(600mm FOR STORMWATER) EARTH STAKE UNI PILLAR-MINI PILLAR-STREET BOUNDARY BOUNDARY PEG-



ENERGISATION OF SUBDIVISION IS SUBJECT TO THE SUCCESSFUL COMPLETION OF MS018382

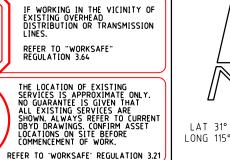
	ISSUED TO CLIENT FOR CONSTRUCTION	09.02.23	DA	JH
0	LIGHT RELOCATED PER COMMENTS, WP SCOPE UPDATED. ISSUED TO WP FOR DCR	09.09.22	DA	JH
А	ISSUED TO CLIENT FOR COMMENT	08.04.22	DA	JH
REV	DESCRIPTION	DATE	DRWN	CHKD



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NO of UNIT TOTAL DAILY HRS WP Asset

UNITS WATTAGE WATTAGE OPERATION Yes / No

43W

129W | DUSK/DAWN | YES

SYMBOL

т	LAT 31° 51′ 08″ S LONG 115° 58′ 47″ E	

	0	5	10	2	0	3(	)		40
	Scale			1:500		₪ A1 Orig	inal	Paper	Size
	Base	File D	)ate	01-04-2022	2	H. Datum	P	CG94	
	Design	ed: D	Α	Drawn: <b>DA</b>		Checked: J	Н	Аррг:	JH
	Weste Refere			MS018815		WAPC No.	1	62288	
	Local	Autho	ority	CITY OF S	W	AN			
	Civil C	onsul	tant	TABEC					

ST LEONARDS ESTATE, WEST SWAN - STAGE 1U 14 RESIDENTIAL LOTS ELECTRICAL NETWORK

Sheet Of 3E Drawing Number 3E 22029 - 01