

Distribution Legend



MAIN SWITCHBOARD/METER PANEL

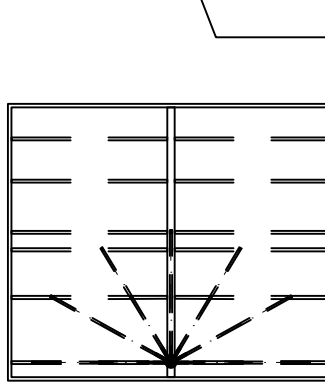


ELECTRICAL PIT FOR ALL AREA LIGHTING

H.D. UPVC CONDUITS FOR POWER, AREA LIGHTING, FUTURE WATER AND IRRIGATIONS SYSTEMS. REFER TO CONDUIT SCHEDULE FOR DETAILS

Area Lighting

SINGLE BLACK LED FLOODLIGHT MOUNTED ON BLACK POLE REFER TO LIGHTING SCHEDULE FOR DETAILS



CL

LS3 & LS3

LS1

RECESSED LED STRIP 10 W/M 25 x 25 ALUMINIUM ENCLOSURE IP65 OPAL DIFFUSER SUPPLIED AND INSTALLED AS PART OF CANOPY PACKAGE.

RECESSED LED STRIP 30 W/M 45 x 45 ALUMINIUM ENCLOSURE IP65 OPAL DIFFUSER SUPPLIED AND INSTALLED AS PART OF CANOPY PACKAGE.

Notes:

- ALL EXISTING SERVICES AND FEATURES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONFIRM EXTENT OF ALL EXISTING AND PROPOSED SERVICES & CONDITIONS ON SITE PRIOR TO COMMENCEMENT OF THE WORKS AND REPORT TO SUPERINTENDENT FOR FURTHER INSTRUCTIONS WHERE MAJOR DISCREPANCIES OCCUR.
- AREA LIGHTING & SIGNAGE:
ALLOW FOR THE FOLLOWINGS AND CONFIRM ALL DETAILS & LOCATIONS ON SITE PRIOR TO COMMENCEMENT OF THE WORKS & SUBMIT "AS INSTALLED" DETAILS ON COMPLETION OF THE WORKS.

3.1 POLES & FLOODLIGHTS: ALLOW FOR ALL NEW POLES & FLOODLIGHTS AS SHOWN INCLUDING TRENCHING & APPROVED COMPACTED BACKFILLING & MAKING GOOD AS REQUIRED TO THE SATISFACTION OF THE SUPERINTENDENT AND CIVIL ENGINEERS RECOMMENDATIONS. ALLOW TO PROVIDE STEEL REINFORCED CONCRETE FOOTINGS & RAG BOLT ASSEMBLIES AND INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REFER TO STRUCTURAL DRAWINGS FOR ANY SITE SPECIFIC DETAILS OR REQUIREMENTS. CONFIRM ALL DETAILS & EXACT LOCATIONS ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. ALLOW FOR NIGHT INSPECTIONS & ADJUSTMENTS TO LUMINAIRE ANGLES WITH SUPERINTENDENT AS REQUIRED.

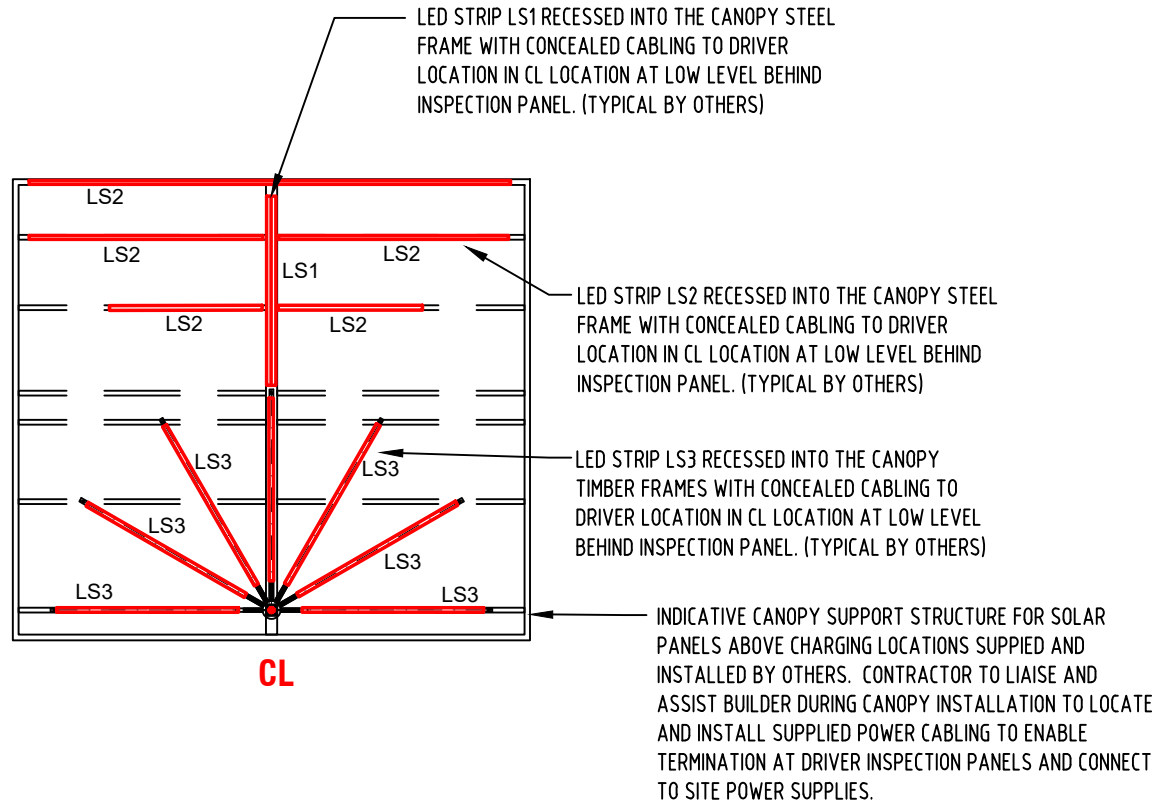
3.2 LIGHTING AND SIGNAGE WIRING: SHALL BE ENCLOSED IN H.D. CONDUIT (SIZES AS NOTED) UNDERGROUND AND BE INSTALLED VIA ELECTRICAL PITS FOR EASY INSTALLATION OR REPLACEMENT. ALLOW FOR SEPARATE CONNECTIONS FOR ALL SIGNAGE WIRING & MAKING OF FINAL CONNECTIONS TO SIGNAGE AS REQUIRED. PROVIDE LOCAL ISOLATORS WITHIN POLES AND SIGNAGE TERMINATION PROVISIONS / INSPECTION COVERS THEREIN FOR MAINTENANCE. LIAISE WITH SIGNAGE CONTRACTOR TO DETERMINE CONDUIT LOCATIONS PRIOR TO COMMENCEMENT OF THE WORKS.

3.3 CABLE PITS & CONDUITS: SUPPLY & INSTALL "ACO" OR APPROVED EQUAL PRE-CAST ELECTRICAL DRAW-IN PIT WITH STAMPED LID FOR AREA LIGHTING & SIGNAGE. LOCATE ALL PITS ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. SUPPLY & INSTALL APPROVED CABLE MARKERS FOR ALL UNDERGROUND SERVICES. RECORD LOCATIONS OF CABLE PITS & CONDUITS IN "AS INSTALLED" DRAWINGS.
- "AS INSTALLED" (WORK AS EXECUTED) DRAWINGS AND SERVICE MANUAL: SUBMIT ON COMPLETION OF THE WORKS, DATED & SIGNED WITH ELECTRICAL CONTRACTOR DETAILS INCLUDING OPERATIONAL INSTRUCTIONS WITH MAINTENANCE PROCEDURES ETC. SEE SPECIFICATION FOR DETAILS.
- CONFIRM ALL DETAILS OF LIGHT FITTINGS SPECIFIED INCLUDING CATALOGUE NUMBERS, LUMINAIRE DETAILS, LUMINAIRE POLE TOP BRACKETS AND ALL ACCESSORIES AS REQUIRED PRIOR TO ORDERING EQUIPMENT AND COMMENCEMENT OF THE WORKS. CONFIRM ALL QUANTITIES SHOWN AND ALLOW FOR ACTUAL AMOUNTS WHERE DISCREPANCIES OCCUR.
- ALL SUB STATION AND OTHER ELECTRICAL SERVICES EQUIPMENT ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONFIRM EXTENT OF ALL EXISTING SERVICES & CONDITIONS ON SITE PRIOR TO COMMENCEMENT OF THE WORKS AND REPORT TO SUPERINTENDENT FOR FURTHER INSTRUCTIONS WHERE MAJOR CO-ORDINATION OR OTHER DISCREPANCIES OCCUR.
- THE TESLA CANOPY AND AREA LIGHTING SHALL HAVE NEW SEPARATE PE CELL/TIME CLOCK CONTROLLED CIRCUITS PROVIDED WITHIN THE NEW MSB IN A LIGHTING SUB BOARD FOR THE CONTROL OF THE INDICATED POLE LIGHTING. PROVIDE SEPARATE SUPPLIES FROM SUB BOARD TO POWER THE LED DRIVERS LOCATED WITHIN EACH POLE ASSEMBLY. ALL CANOPY TIMBER AND STEEL FRAME INTERNAL CABLING SHALL BE BY OTHERS WITH TAILS PROVIDED TO CONNECT INTO THE PROVIDED DRIVERS. PROVIDE POWER SUPPLIES FROM THIS CONTROLLED SUPPLY FOR ANY ASSOCIATED ILLUMINATED SIGNAGE CONNECTED TO THE CANOPIES.
- THE CONDUIT AND WIRING LAYOUT IS INDICATIVE AND MAY BE SUBJECT TO REVIEW BY THE MAIN ELECTRICAL CONSULTANT FOR THE TESLA WORKS. CONFIRM AND CO-ORDINATE WITH THEM BEFORE ANY INSTALLATION WORKS. ALL WORKS SHALL COMPLY THE TESLA MAIN ELECTRICAL SPECIFICATION REQUIREMENTS.
- WHERE THERE ARE ANY DISCREPANCIES BETWEEN PLAN LAYOUTS, SCHEDULES, DETAILS AND ELEVATION THE CONTRACTOR SHALL IMMEDIATELY SEEK CONFIRMATION OF THE CORRECT REQUIRED INSTALLATION DETAILS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECTIFYING TO THE CORRECT DETAIL ANY INSTALLED SERVICES OR ITEMS THAT HAVE BEEN NOT BEEN CONFIRMED AS REQUIRED.

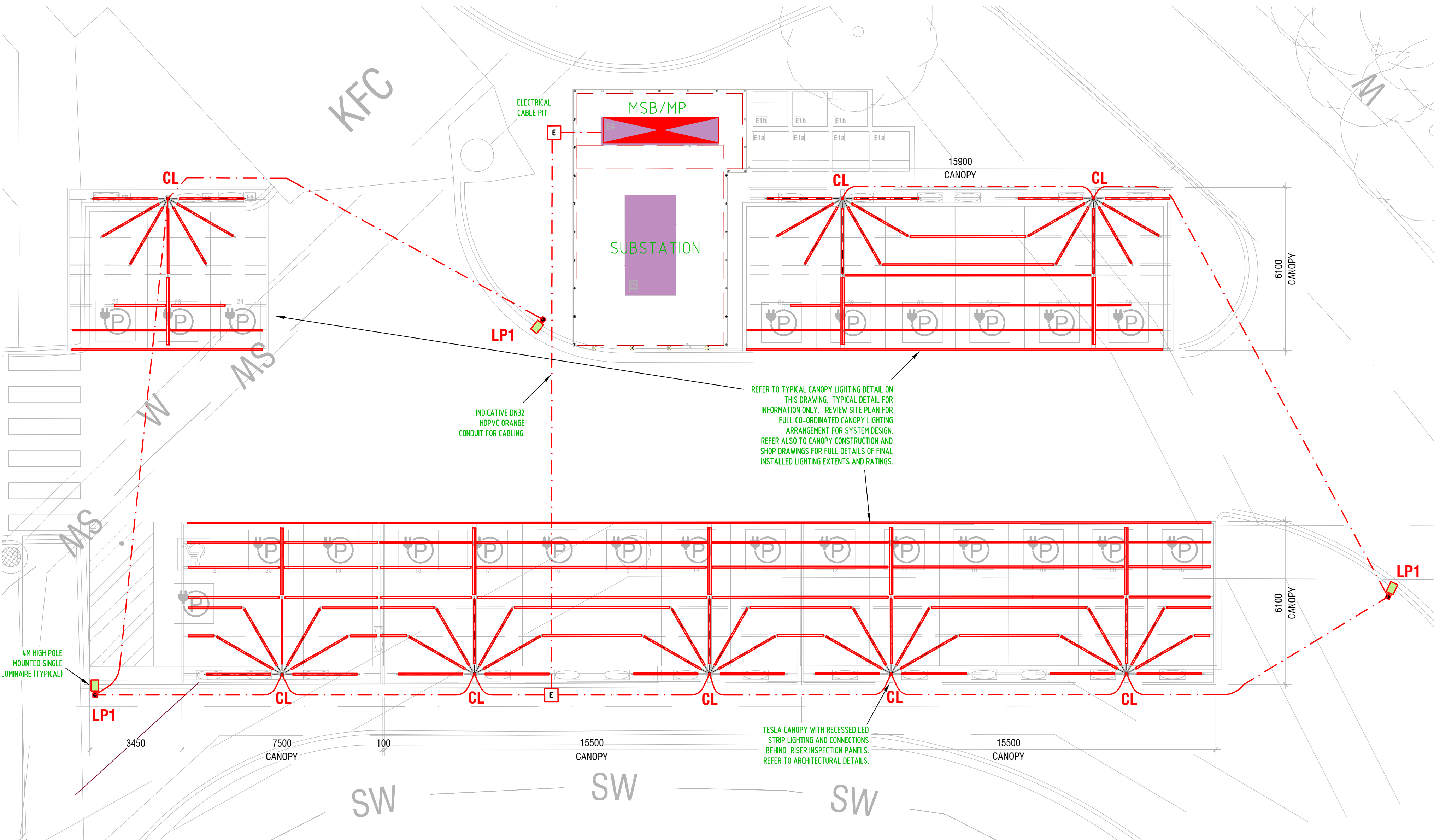
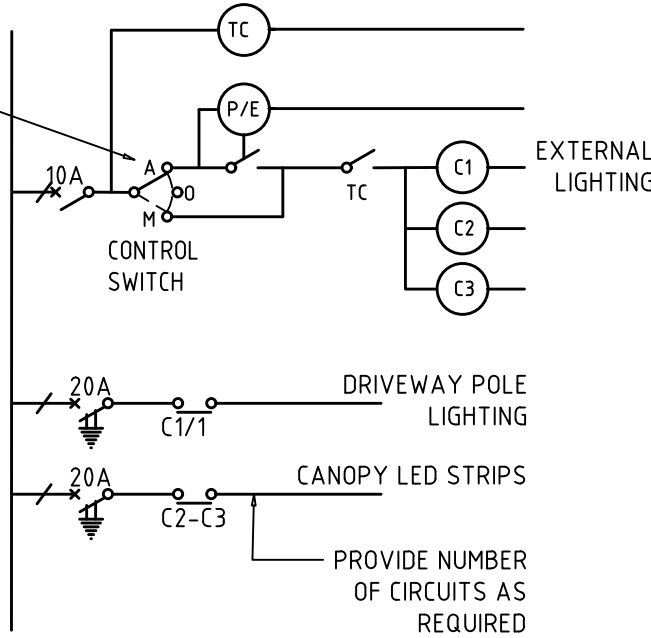
LP1		54W 4000K LED	3 off - BLACK LED AREA LIGHT C/W INTEGRAL DRIVER MOUNTED AT 6.0M AFFL ON A GALVANIZED P1 POLE POWDERCOATED BLACK. PROVIDE SINGLE MOUNTING BRACKET.	BLACK	ADVANCED LIGHTING CREE ENERGY UNO SCP TRISA-02-SCP-BL-40T-54-BK
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AREA LIGHTING SCHEDULE

TYPICAL CANOPY LIGHTING DETAIL



EXTERNAL LIGHTING SCHEMATIC CONTROL ARRANGEMENT



Client

TESLA

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- ☐ SKETCH
- ☐ FACILITY APPROVAL
- ☒ TOWN PLANNING
- ☐ TOWN PLANNING AMENDED
- ☐ BA / CC
- ☐ CONSTRUCTION
- ☐ TENDER
- ☐ AS BUILT



REV	AMENDMENT	BY	DATE	CHK
P01	PRELIMINARY ISSUE	GT	26.07.26	
P02	TOWN PLANNING ISSUE	GT	07.08.26	
P03	REVISED TOWN PLANNING ISSUE	GT	10.08.26	

Project Title

**TESLA YASS
EV CHARGERS**

1711 YASS VALLEY WAY,
YASS, NSW. 2582

Stage	TOWN PLANNING	Drawing Scale	1:100 @ A1	Project Date	JUNE 2026	Option	-
Drawing Title	ELECTRICAL SERVICES SITE LIGHTING PLAN	Drawn By	GT	Store Number:	TESLA GB2		
Project No.	V-25010	Drawing No.	E01	Revision	P03		