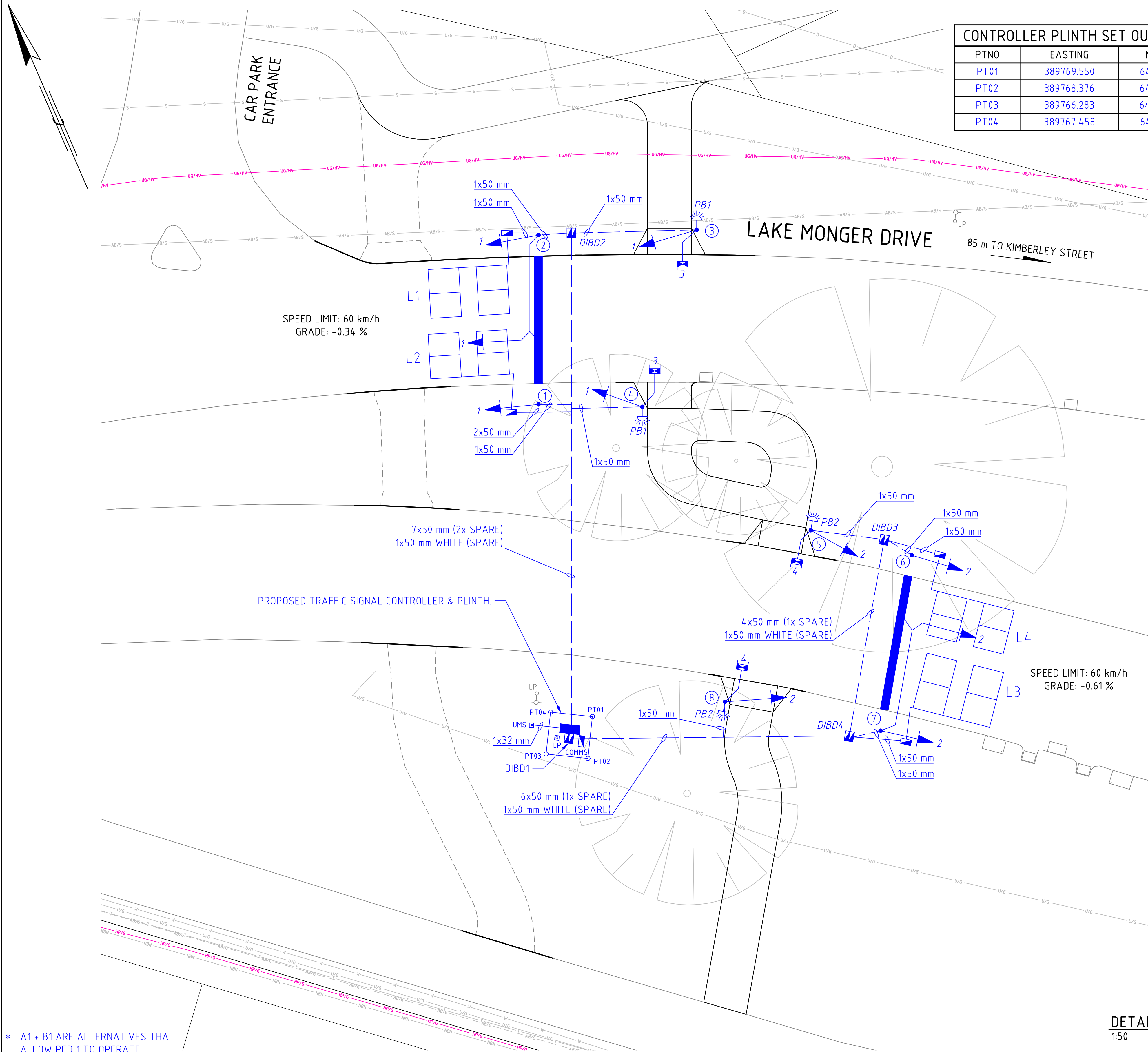
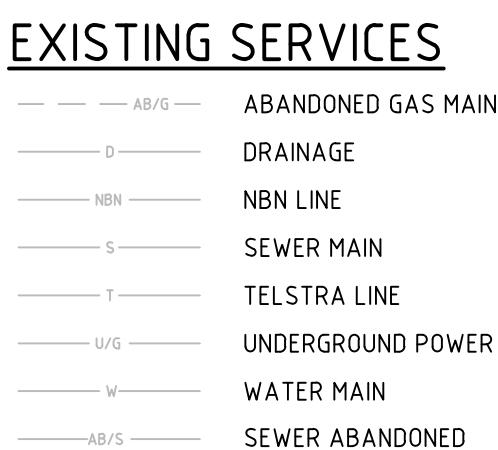
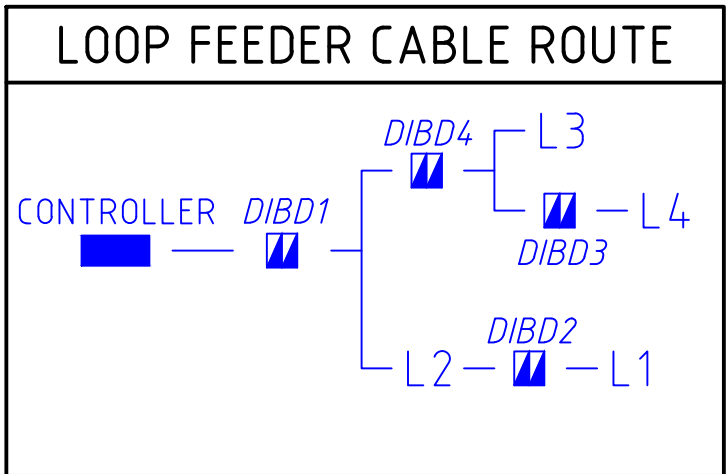
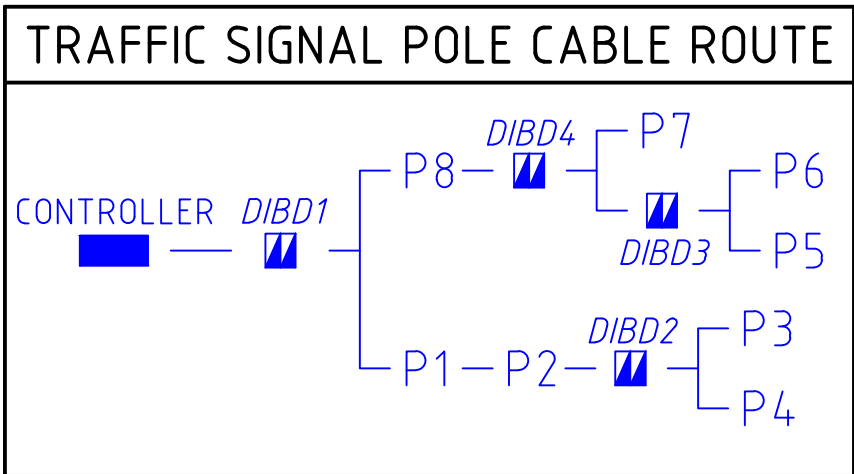
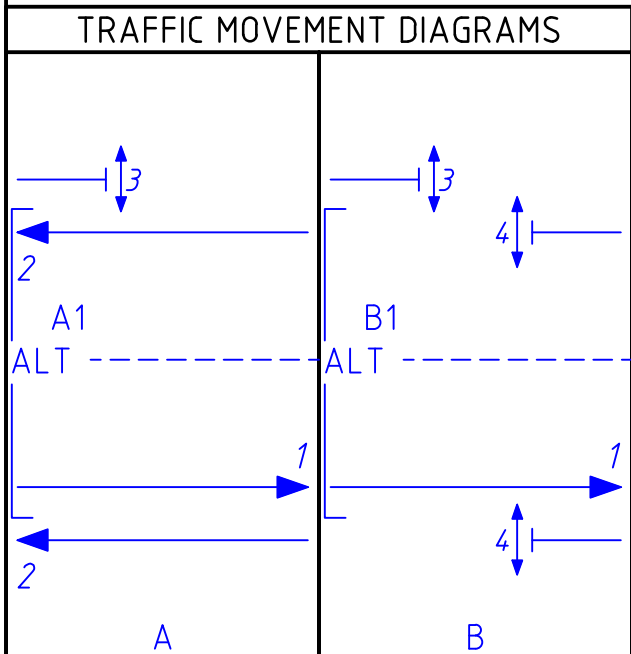




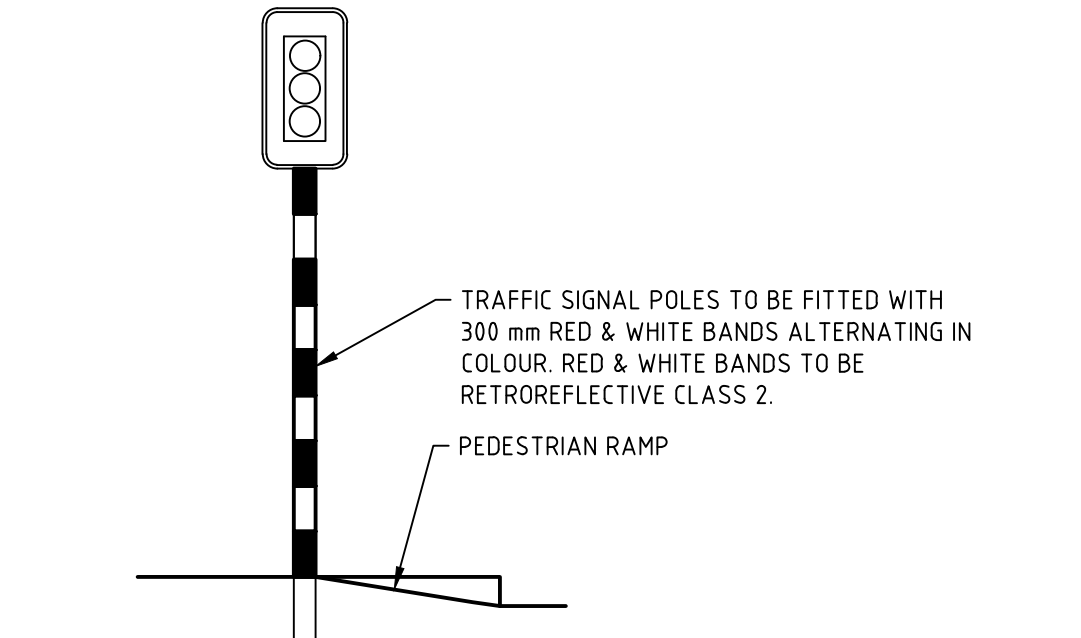
* A1 + B1 ARE ALTERNATIVES THAT ALLOW PED 1 TO OPERATE INDEPENDENTLY FROM THE PHASES.



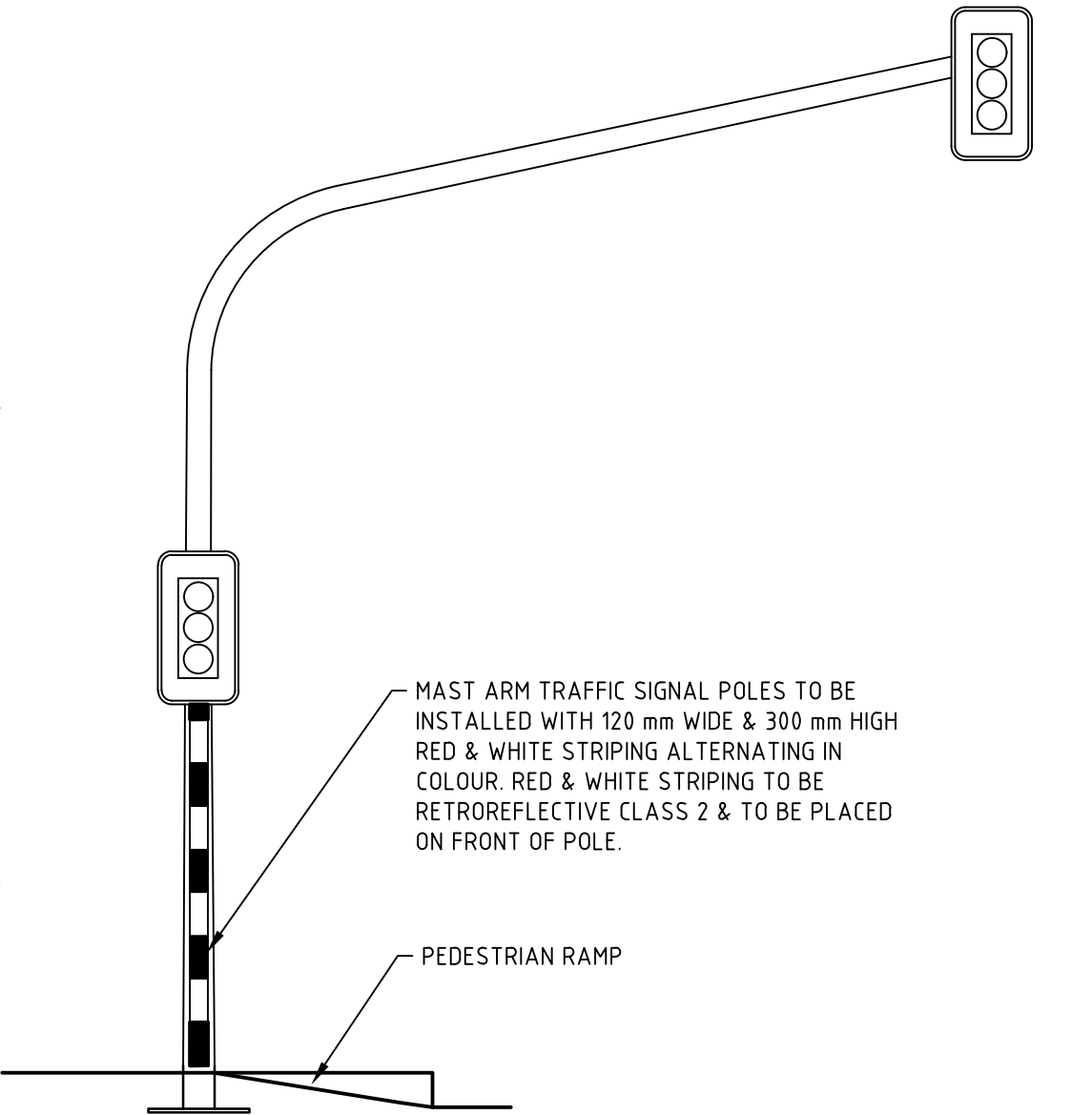
CONTROLLER PLINTH SET OUT POINTS		
PTNO	EASTING	NORTHING
PT01	389769.550	6466305.723
PT02	389768.376	6466303.629
PT03	389766.283	6466304.804
PT04	389767.458	6466306.897

TRAFFIC SIGNAL POLE LOCATIONS		
POLE No.	EASTING	NORTHING
1	389773.742	6466323.309
2	389777.549	6466332.190
3	389785.967	6466328.910
4	389779.129	6466320.850
5	389785.194	6466310.591
6	389789.928	6466307.012
7	389784.346	6466298.506
8	389776.833	6466303.517

CONTROLLER AND PIT LOCATIONS		
PIT No.	EASTING	NORTHING
DIBD1	389768.087	6466305.569
DIBD2	389767.832	6466305.112
DIBD3	389779.322	6466331.564
DIBD4	389788.830	6466308.438
DIBD4	389782.581	6466298.915



DETAIL A TRAFFIC SIGNAL POLE - TYPICAL
1:50



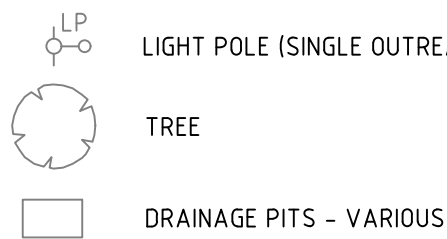
DETAIL B MAST ARM TRAFFIC SIGNAL POLE - TYPICAL
1:50

EXISTING CRITICAL SERVICES

CRITICAL SERVICES WITHIN VICINITY OF WORKS. CONTRACTOR TO COMPLY WITH RELEVANT SERVICE AUTHORITY REQUIREMENTS

- HP/G - GAS MAIN - HIGH PRESSURE/CRITICAL
- UG/HV - UNDERGROUND POWER - HIGH VOLTAGE 1kV - 33kV

SURVEY LEGEND (EXISTING TO REMAIN)



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WARNING
BEWARE OF UNDERGROUND SERVICES
The location of underground cables are approximate only and their exact position should be checked on site. No guarantee is given that all existing cables and services are shown. Locate all underground cables and services before commencement of work. Refer to Worksafe Regulation 3.21.

AMENDMENTS				
No.	DATE	DESCRIPTION	DRN	ENG APP
A	26.06.2025	ISSUED FOR 85% DESIGN REVIEW	HD	HD RH

GENERAL NOTES

A. THIS DRAWING MUST BE READ IN CONJUNCTION WITH MRWA SPECIFICATION 712 - TRAFFIC SIGNALS.

B. ALL NEW ASSETS ARE SHOWN IN BLUE (FOR CONSTRUCTION). EXISTING TO BE RETAINED SHOWN IN BLACK. EXISTING TRAFFIC SIGNAL ASSETS TO BE REMOVED SHOWN IN GREY AND EXISTING CONDUIT SHOWN IN GREY TO BE ABANDONED.

- SITE SPECIFIC NOTES**
- INSTALL NEW ATSC4 42V OUTPUT SINGLE DOOR CONTROLLER WITH NEW BASE IN ACCORDANCE WITH MRWA DWG NO 2004-31-0123.
 - NEW STAR WIRING SYSTEM WITH 19 CORE POLE CABLES WIRED INDIVIDUALLY BACK TO THE CONTROLLER.
 - PROPOSED ELV SITE
 - THIS SITE IS TO BE CONSTRUCTED WITH A 42 V AC CONTROLLER 7 42 V DIM BY WIRE LANTERNS. MRWA TO PROVIDE CONTRACTOR WITH DOCUMENTATION AND SPECS FOR EQUIPMENT AND INSTALLATION.
 - BLUE FINAL CAPS TO BE INSTALLED ON EACH POLE.
 - BLUE MOUNTING BOSSES TO BE INSTALLED ON EACH LANTERN.
 - 22 CORE TERMINATION BLOCK TO BE ALLOWED FOR ALL FULL HEIGHT POLES.
 - TRAFFIC SIGNAL CONTRACTOR TO ARRANGE THE POWER SUPPLY CONNECTION AND COMMS TO THE SIGNAL CONTROLLER.
 - SPARE CONDUITS TO BE TAKEN INTO NEAREST PIT AS SHOWN UNLESS OTHERWISE DENOTED.
 - INSTALL NEW MAST ARM TRAFFIC SIGNAL POLES 3 & 7 WITH 5.5 m OUTREACH AS PER MRWA STANDARD DRAWING 0330-1944.
 - FOR MAST ARM OUTREACH LANTERNS, LANTERNS TO BE SUPPLIED WITH 9 m CABLE TAIL.
 - ALL TRAFFIC SIGNAL POLES TO BE FITTED WITH 300 mm RED & WHITE (RETROREFLECTIVE CLASS 2) BANDS. ALTERNATING IN COLOUR. REFER TO DETAIL 'A' FOR THIS DETAIL.
 - ALL MAST ARM POLES TO BE FITTED WITH 300 mm x 120 mm RED & WHITE (RETROREFLECTIVE CLASS 2) BANDS. ALTERNATING IN COLOUR. REFER TO DETAIL 'B' FOR THIS DETAIL.
 - ASSET NO. TO BE REQUESTED AT 100% DESIGN AS PER EAM REQUIREMENTS.

NOT FOR CONSTRUCTION

THIS DESIGN WAS PRODUCED USING COLOUR SEPARATION FOR GREATER CLARITY FOR REVIEW & CONSTRUCTION PURPOSES. THIS DRAWING SHOULD BE PRINTED & COPIED IN COLOUR TO ENSURE THAT THE FULL INTENT OF THE DRAWING IS CONVEYED.

NEW SITE - LMXXXXX

CONTROLLER ATSC4 SD - 42V OUTPUT		SIGNAL GROUP OUTPUT MODULES	SIGNAL GROUP RAILS	DETECTORS OUTPUT MODULES
	CAPACITY	-	-	-
	EXISTING	-	-	-
	INSTALL	2x (8SG)	(2)	1x (16DET)
COMMUNICATIONS	4G			
BLUETOOTH	NO			
SURVEY GRID	MGA94			
REFERENCES				
DRAWING No.	DESCRIPTION			
8320-0400	ELECTRICAL PRESENTATION LEGEND			
202548-002864	MINOR CIVIL MODIFICATIONS & DEMOLITION PLAN			
202548-002866	TRAFFIC SIGNAL DESIGN			
202548-002867	PAVEMENT MARKING & MINOR SIGNING			
202548-002868	CONNECTIVITY & SINGLE LINE DIAGRAM			
202548-002869	WP EXISTING LIGHTING - ISOLUX LAYOUT			
202548-002870	WP PROPOSED LIGHTING - ISOLUX LAYOUT			



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Jandakot, WA 6164



METRO AND SOUTHERN REGIONS DIRECTORATE
METROPOLITAN REGION
WATERLOO CRESCENT EAST PERTH 6892
Telephone: (08) 9323 4111 Fax: (08) 9323 4430

DRAWN:	H. DOSHI	DATE:	01.05.2025
ENGINEER:	H. DOSHI	DATE:	01.05.2025
VERIFIED:	E. POLLARD	DATE:	12.06.2025
APPROVED:	R. HARRIS	DATE:	24.06.2025
LAKE MONGER DRIVE (0309) WEST OF KIMBERLEY STREET (0293)			
TRAFFIC SIGNAL DESIGN			
LOCAL AUTHORITY:	(128) TOWN OF CAMBRIDGE	REV:	A
MRWA DRG No:	202548-002866	TYPE:	A
MRWA ASSET No:	LMXXXXX	SHEET:	4 of 8