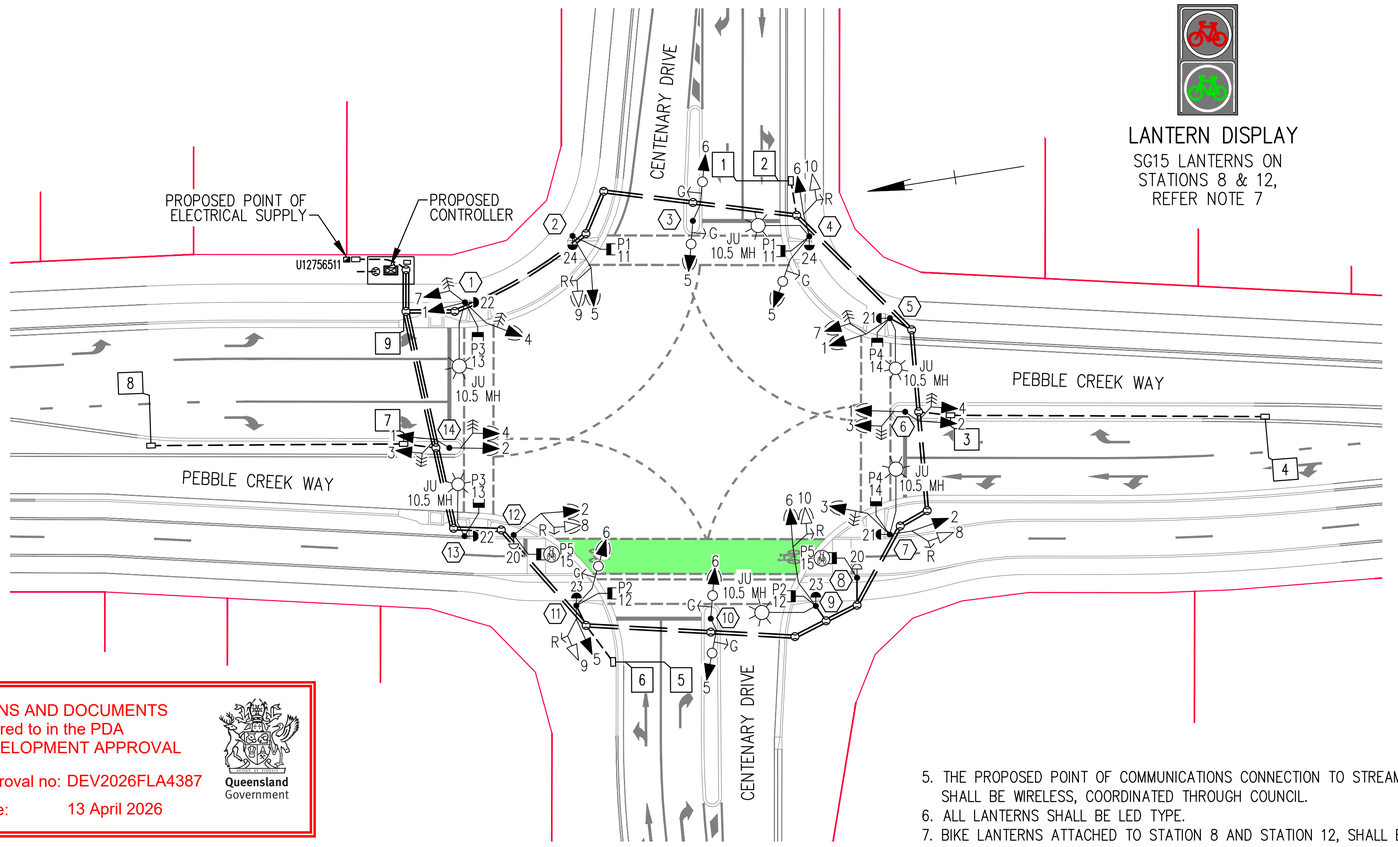
PHASE DIAGRAMS	A PHASE	B PHASE	C PHASE	D PHASE	E PHASE	F PHASE	F1 PHASE	F2 PHASE
SIGNAL GROUPS	1 2 11 12 15	1 3 11	2 4 12 15	5 13	6 7 14	3 4	1 3 11	2 4 12 15
VEHICLE/PED	VG1 VG2 PG1 PG2 PG5	VG1 VG3 PG1	VG2 VG4 PG2 PG5	VG5 PG3	VG6 VG7 PG4	VG3 VG4	VG1 VG3 PG1	VG2 VG4 PG2 PG5
LOGICAL INPUT	8 9 4 24 23 20	8 7 24	4 3 23 20	5 6 22	1 2 9 21	7 3	8 7 24	4 3 23 20
CALL	X X X PED1 PED2 PED5	X	X	X X PED3	X X PED4	X X	X	X
EXTEND	X X	X	X	X X	X X	X X	X	X
INCREMENT	X X							
SPECIAL CONDITIONS	SG7 RED FOR PG1 WALK + TSM21, ELSE OFF. SG8 RED FOR PG2 WALK & PG5 GREEN + TSM22, ELSE OFF.	INTRODUCE Bϕ ON ZNEG SIGNAL. SG7 RED FOR PG1 WALK + TSM21, ELSE OFF.	INTRODUCE Cϕ ON ZPOS SIGNAL. SG8 RED FOR PG2 WALK & PG5 GREEN + TSM22, ELSE OFF.	SG9 RED FOR PG3 WALK + TSM23, ELSE OFF.	SG10 RED FOR PG4 WALK + TSM24, ELSE OFF.	Fϕ TO F1ϕ AND Fϕ TO F2ϕ, BOTH PERMITTED.	F1ϕ TO F2ϕ NOT PERMITTED. SG7 RED FOR PG1 WALK + TSM21, ELSE OFF.	F2ϕ TO F1ϕ NOT PERMITTED. SG8 RED FOR PG2 WALK & PG5 GREEN + TSM22, ELSE OFF.



LANTERN DISPLAY

SG15 LANTERNS ON STATIONS 8 & 12, REFER NOTE 7

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2026FLA4387

Date: 13 April 2026

Queensland Government

WARNING

SERVICES ARE NOT SHOWN

ALL CONTRACTORS ARE RESPONSIBLE FOR AVOIDING CONFLICTS WITH SERVICES AND MUST CARRY OUT CHECKS WITH ALL SERVICE AUTHORITIES BEFORE COMMENCING WORKS.

NOTES:

1. THIS DRAWING SHOWS ALL NEW HARDWARE ARRANGEMENTS TO SUPPORT INTERSECTION SIGNALISATION. READ IN CONJUNCTION WITH DRAWING 25-0304-TS-02.
2. ALL HARDWARE SUPPLY AND INSTALLATION SHALL COMPLY WITH THE RELEVANT PROVISIONS AND REQUIREMENTS OF COUNCIL, TOGETHER WITH TMR STANDARD SPECIFICATIONS AND STANDARD DRAWINGS.
3. THE NEW CONTROLLER IS TO BE TYCO ECLIPSE EC1-62-24 + TOP HAT, PROGRAMMED WITH THE LATEST REVISION OF STANDARD TRAFF FIRMWARE. CONFIGURE WITH EVP CODE.
4. THE PROPOSED POINT OF ELECTRICAL SUPPLY IS FROM AN NEW ENERGEX PILLAR NUMBER U12756511, TO BE INSTALLED AT THE LOCATION INDICATED.
5. THE PROPOSED POINT OF COMMUNICATIONS CONNECTION TO STREAMS SHALL BE WIRELESS, COORDINATED THROUGH COUNCIL.
6. ALL LANTERNS SHALL BE LED TYPE.
7. BIKE LANTERNS ATTACHED TO STATION 8 AND STATION 12, SHALL BE AS PER THE LANTERN DISPLAY SHOWN ABOVE.
8. ALL PEDESTRIAN PUSH BUTTONS SHALL BE AUDIO TACTILE TYPE.
9. BIKE PUSH BUTTONS ATTACHED TO STATION 8 AND STATION 12 SHALL BE STANDARD (NON AUDIO) TYPE.
10. ALL DETECTOR LOOPS SHALL BE RECTANGULAR TYPE.
11. FOR FURTHER INFORMATION ON ROAD LIGHTING AROUND THIS INTERSECTION INCLUDING THE JOINT USE INSTALLATIONS INDICATED, REFER TO THE ROAD LIGHTING DESIGN DRAWINGS ISSUED IN ASSOCIATION WITH THIS PROJECT.
12. CIVIL DESIGN DETAILS SHOWN SUCH AS NEW KERB ALIGNMENTS, RAMPS, ISLANDS AND PAVEMENT MARKING, ARE INDICATIVE ONLY. FOR FURTHER INFORMATION, REFER TO THE CIVIL DESIGN DRAWINGS ISSUED IN ASSOCIATION WITH THIS PROJECT.

CONFLICT TABLE

		VEHICLE GROUPS 1	2	3	4	5	6	7	8	9	10	PED GROUPS 1	2	3	4	5
VEHICLE GROUPS	1				X	X	X							X	X	
	2			X			X	X						X	X	
	3		X				X	X					X	X		X
	4	X				X	X	X				X			X	
	5	X	X	X	X		X	X				X	X		X	X
	6	X	X	X	X	X						X	X	X		X
	7				X	X						X		X		
	8															
	9															
	10															
PED GROUPS	1				X	X	X	X								
	2			X			X	X								
	3	X	X	X				X	X							
	4	X	X		X	X										
	5			X			X	X								

DETECTOR TABLE

PHYSICAL LABEL	CONTROLLER TERMINAL	LOGICAL INPUT	LOOP/P-BUTTON CONFIGURATION	DISTANCE TO STOP LINE
LOOP 1	P1	1	STOP LINE	4.0m
LOOP 2	P2	2	STOP LINE	4.0m
LOOP 3	P3	3	STOP LINE	4.0m
LOOP 4	P4	4	ADVANCE	30.0m
LOOP 5	P5	5	STOP LINE	4.0m
LOOP 6	P6	6	STOP LINE	4.0m
LOOP 7	Q7	7	STOP LINE	4.0m
LOOP 8	Q8	8	ADVANCE	25.0m
LOOP 9	Q9	9	STOP LINE	4.0m
EXT5	E9	20	PB5 – BIKE	
EXT4	E8	21	PB4 – AUDIO	
EXT3	E7	22	PB3 – AUDIO	
EXT2	E6	23	PB2 – AUDIO	
EXT1	E5	24	PB1 – AUDIO	

SIGNAL GROUPS	FUNCTION	CONTROLLER TERMINALS	RUN 1 CONNECTS FINIAL TERMINALS	RUN 1 CONNECTS CORES USED	RUN 2 CONNECTS FINIAL TERMINALS	RUN 2 CONNECTS CORES USED	RUN 3 CONNECTS FINIAL TERMINALS	RUN 3 CONNECTS CORES USED	RUN 4 CONNECTS FINIAL TERMINALS	RUN 4 CONNECTS CORES USED
1	RED	A5			1	1	1	1		
	YELLOW	A4			2	2	2	2		
	GREEN	A3			3	3	3	3		
2	RED	A8			4	4	4	4	4	4
	YELLOW	A7			5	5	5	5	5	5
	GREEN	A6			6	6	6	6	6	6
3	RED	A11			7	7	7	7		
	YELLOW	A10			8	8	8	8		
	GREEN	A9			9	9	9	9		
4	RED	A14					10	10		
	YELLOW	A13					11	11		
	GREEN	A12					12	12		
5	RED	B5	13	13					13	13
	YELLOW	B4	14	14					14	14
	GREEN	B3	15	15					15	15
6	RED	B8	16	16					16	16
	YELLOW	B7	17	17					17	17
	GREEN	B6	18	18					18	18
7	RED	B11			19	19	19	19		
	YELLOW	B10			20	20	20	20		
	GREEN	B9			21	21	21	21		
8	RED	B14			10	10			10	10
9	RED	C5	22	22					22	22
10	RED	C8	23	23					23	23
11	RED DW	C11	24	24						
	PED1									
	GREEN W	C9	25	25						
12	RED DW	C14							24	24
	PED2									
	GREEN W	C12							25	25
13	RED DW	D5					26	26		
	PED3									
	GREEN W	D3					27	27		
14	RED DW	D8			26	26				
	PED4									
	GREEN W	D6			27	27				
15	RED BIKE	D11							26	26
	PED5									
	GREEN BIKE	D9							27	27
	EXT5 DET 20	E9							P4	P4
	EXT4 DET 21	E8			P4	P4				
	EXT3 DET 22	E7					P3	P3		
	EXT2 DET 23	E6							P2	P2
	EXT1 DET 24	E5	P1	P1						
	240V SUPPLY	A2	A	RD	A	RD	A	RD	A	RD
	DET COMMON	E3	PR	GY	PR	GY	PR	GY	PR	GY
	NEUTRAL A1,B1,C1,D1		NL	BK	NL	BK	NL	BK	NL	BK
	SPARE CORES TO EARTH			1–12, 19–21, 26,27, P2–P4, 0G		11–18, 22–25, P1–P3, 0G		13–18, 22–25, P1,P2, P4, 0G		1–3, 7–9, 11,12, 19–21, P1,P3, 0G
	CABLE SIZE			36		36		36		36

CONTROLLER: TYCO ECLIPSE EC1-62-24 + TOP HAT

	REVISION/DESCRIPTION	DRAWN	CHECKED	CERTIFICATION	DATE
F					
E					
D					
C					
B					
A	ORIGINAL ISSUE				

CAD FILES | F:\2025URD\25-0304\04 DESIGN\25-304-TS-00A

CLIENT/AUTHORITY

CEDAR WOODS DEVELOPING TOMORROW TODAY

CITY OF LOGAN

CONSULTING ENGINEERS

STREET ADDRESS U14, 39 Lawrence Dr, Nerang QLD 4211
POSTAL ADDRESS PO Box 2835, Nerang DC QLD 4211
TELEPHONE (07) 5596 1425
EMAIL mail@pece.com.au
WEB pece.com.au

SCALE(S) 1:250 (M) 0 5 10 15 20 25

ORIGINAL DRAWING SIZE A1

DESIGNED/DRAWN	CHECKED	APPROVED	CERTIFICATION
T.MARTYR 5/3/2026	A.IKORO 5/3/2026	T.MARTYR 5/3/2026	KRIS BOVEINIS 5/3/2026 RPEQ 22272

TRAFFIC SIGNAL DESIGN OPERATIONS AND ELECTRICAL

PEBBLE CREEK WAY INTERSECTION WITH CENTENARY DRIVE, SOUTH MACLEAN

SITE NUMBER M5078

PROJECT / SUBPROJECT NUMBER 25-0304

DRAWING NUMBER 25-0304-TS-01 REV A

SHEET 1 OF 2

PECE SIGNALS V1.0 (1/26)