



- NOTES**
- This site is SCATS linked.
 - Special STOP sign (R1-4) placed on posts 5 & 11.
 - Audio-tactile push buttons provided on Posts 3, 4, 5, 6, 9, 10, 11 & 12.
 - This site is Extra Low Voltage (ELV) Dim-by-Wire (DBW) site. Lower terminal boxes to be used.
 - Red runner software added for detectors 1-3, 5-8, 10, 12, 13, 17 & 18.
 - CCTV camera mounted on post 9 (type 9) outreach. CCTV equipment mounted in hob attachment on TCS controller.
 - The supply is connected to the controller via an Uninterruptible Power Supply (UPS) unit. Detectors 21-28 are used for UPS detector alarms.
 - Bicycle detectors are installed in accordance with TRNSW Drawings VC005-36, VC005-37 & VC005-38.
 - Bicycle facilities are delineated and signposted in accordance with QA Specification R110 and R145, Austroads Guides and AS1742.9.
 - Kerb ramps to be constructed in accordance with standard road drawing R0300-11.
 - Roadworks are in accordance with Detail Design Drawing Set 240268 prepared by ADW Johnson.
 - Supply point in accordance with Ausgrid Electrical Drawing AN-25028 (Certification No. 8171427/20240125)

SIGNAL GROUP PHASE CHART

SIGNAL GROUP	PHASE DURING WHICH GREEN DISPLAYED										STANDARD TABLE	REMARKS		
	A	B	C	D	D1	D2	E	F1	F2	G			G1	G2
V1	X	X										X	TS-TN-027	
V2	X	X										X	TS-TN-027	
V3	X											X X	165	RA protection for P2 Ped. PB on post 11 extends protection.
V4		X										X X	165	RA protection for P1 Ped. PB on post 5 extends protection.
V5				X	X	X							TS-TN-027	
V6				X	X	X							TS-TN-027	
V7		X	X			X							165	RA protection for P4 Ped. PB on post 3 extends protection.
V8		X	X			X							165	RA protection for P3 Ped. PB on post 9 extends protection.
V9	C	C	X	X	X							C	158	RA protection for P1 Ped. PB on post 5 extends protection.
V10	C	C	X	X			X					C	158	RA protection for P2 Ped. PB on post 11 extends protection.
V11		X								X	X		156	RA protection for P3 Ped. PB on post 9 extends protection.
V12	X									X	X		156	RA protection for P4 Ped. PB on post 3 extends protection.
P1	X	X										X	121	Auto intro subject to XSF17
P2	X	X										X	121	Auto intro subject to XSF18
P3				X	X	X							122	Auto intro subject to XSF19
P4				X	X	X							122	Auto intro subject to XSF20

POSTS

POST	TYPE	LENGTH	OFFSET	REMARKS	EASTING	NORTHING
1	8	4.0	2.8	New	376361.991	6353555.354
2	13	-	0.6	New	376359.955	6353556.187
3	9	-	1.0	New # - 7.0m Outreach	376352.467	6353541.154
4	8	4.0	1.0	New	376340.349	6353538.578
5	9	-	1.0	New # - 5.0m Outreach	376323.996	6353545.270
6	8	4.0	1.0	New	376322.184	6353555.809
7	8	4.0	2.8	New	376325.048	6353567.230
8	13	-	0.6	New	376327.084	6353566.397
9	9	-	1.0	New # - 7.0m Outreach	376334.360	6353580.977
10	8	4.0	1.0	New	376346.526	6353582.915
11	9	-	1.0	New # - 5.0m Outreach	376361.815	6353576.659
12	8	4.0	1.0	New	376364.652	6353566.303
Controller					376376.366	6353564.057

Special Type 9 Post - low mounted ELV terminal box

A ORIGINAL ISSUE	PUBLIC UTILITY LEGEND	REFERENCE PLANS	U.B.D. Ref. Newcastle Map 24 M6	DESIGN APPROVAL	TFNSW RECOMMENDATION	TFNSW ACCEPTANCE	TRANSPORT FOR NEW SOUTH WALES LAKE MACQUARIE COUNCIL AREA TRAFFIC SIGNALS AT MYALL ROAD, GYMEA DRIVE AND TROPHY AVENUE GARDEN SUBURB	EXISTING <input type="checkbox"/> PROPOSED <input checked="" type="checkbox"/>
	HYDRANT	SYMBOLS/ABBVS	V0003-6	APPROVED	ROAD DESIGN ENGINEERING	ACCEPTED		CADD FILE: VV5241_1A_DES.dgn
	STOP VALVE	STD POSN CMPT	V0001-5	NAME: Michael Manning	NAME: Michael Manning	NAME: Joe Krsul		SCALE: 5 0 (1:200) 5 10
	GAS VALVE	INSTL STOP DET	VC005-17	POSITION: Senior Road Design Mgr.	DATE: 28/03/2025	POSITION: SM Transport Technical Solutions		DATE: 01/04/2025
SEWER MANHOLE	VEH GROUP OP	TS-TN-019	DESIGNED BY: RYAN BATES	DATE: 18/03/25	DATE: 01/04/2025	DATE: 01/04/2025	FILE SF2024/064226	
COMMS PIT	DET LOGIC OP	TS-TN-020	CHECKED BY: JOHN BATES	DESIGN PREPARED BY: B-Line Drafting	DESIGN PREPARED BY: B-Line Drafting	DESIGN PREPARED BY: B-Line Drafting	REG No. DS2024/000175	
ELECT LIGHT POLE	PED MVT OP	TS-TN-021	SITE CHECKED BY: JOHN BATES	on behalf of ADW Johnson	on behalf of ADW Johnson	on behalf of ADW Johnson	SUPERSEDES SHEET/ISSUE -/-	
POWER POLE	DDO	TS-TN-027	RECOMMENDED				TCS No. 5241	
STAY POLE	BASE SOURCE: ADW JOHNSON	DATE: JUN 2024					SHEET 1	
TELEPHONE BOX	DATE: JUN 2024							
COMMS PILLAR								