Phase Diagrams	X Phase	X Phase	X Phase	X Phase	X Phase	X Phase	X Phase	X Phase
Signal Groups								
Vehicle \ Ped. Groups								
Detector Input								
Call								
Extend								
Increment								
Special Conditions								

THIS DRAWING IS INTENDED TO CONTAIN WORKS CARRIED OUT BY ELECTRICAL CONTRACTORS AND WOULD BE RETAINED FOR MAINTENANCE PURPOSES. TYPICALLY IT WOULD CONTAIN :

1. BASE PLAN INCLUDING PAVEMENT MARKINGS.
2. CONTROLLER.
3. POSTS AND MAST ARMS.
4. LANTERNS.
5. PEDESTRIAN PUSH BUTTONS.
6. DETECTOR LOOPS.
7. SIGNAL GROUP AND DETECTOR NUMBERING.
8. CABLE RUNS.
9. CABLE TYPES.
10. AUXILIARY DRAWINGS EG.: RAIL CIRCUIT, RED LIGHT CAMERA.

DETECTOR TYPE =
SOFTWARE VERSION =
CONTROLLER TYPE =
SLOT No. =
TELSTRA LINE No. =

Conflict Table (X - Indicates Conflict)

		Vehicle Groups												Ped. Groups			
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4
Vehicle Groups	1																
	2																
	3																
	4																
	5																
	6																
	7																
	8																
	9																
	10																
	11																
	12																
Ped. Groups	1																
	2																
	3																
	4																

NOTES:

1. For further information on circuit refer to Philips "PSC Housing wiring "C" cabinet".
2. 240V supply is for audiotactile units.
3. Cable runs only are shown on this drawing. For ducting and pit details refer to Civil Works drawing.
4. Loops shown with a hash (£) are for traffic counting purposes only.

STANDARD DRAWINGS: (Refer current amendments)

C(S)1500 - Signal details- ducting
C(S)1501 - Signal details- pole foundation
C(S)1502 - Signal details- mast arm foundation
C(S)1503 - Signal details- controller foundation
C(S)1504 - Signal details- comm. isolation pillar
C(S)1505 - Signal details- lantern mounting details
C(S)1506 - Signal details- pedestrian push button
C(S)1507 - Signal details- detector installation

MAST ARMS ✳	POLES ✕	SIGNAL GROUPS 1	2	3	4	5	6	7	8	9	10	11	12
1	1												
2	2												
3	3												
4	4												
	5												
	6												
	7												
	8												
	9												
	10												
	11												
	12												
	13												
TOTAL													

Controller Terminals	Colour	Signal Groups	Controller Terminations	Run 1 Connections: Final Terminations	Run 1 Connections: POLES Cores Used	Run 1 Connections: MAST	Run 2 Connections: Final Terminations	Run 2 Connections: POLES Cores Used	Run 2 Connections: MAST	Run 3 Connections: Final Terminations	Run 3 Connections: POLES Cores Used	Run 3 Connections: MAST
A3	Green	1		1			1			1		
A4	Yellow	1		2			2			2		
A5	Red	1		3			3			3		
A6	Green	2		4			4			4		
A7	Yellow	2		5			5			5		
A8	Red	2		6			6			6		
A9	Green	3		7			7			7		
A10	Yellow	3		8			8			8		
A11	Red	3		9			9			9		
A12	Green	4		10			10			10		
A13	Yellow	4		11			11			11		
A14	Red	4		12			12			12		
B3	Green	5		13			13			13		
B4	Yellow	5		14			14			14		
B5	Red	5		15			15			15		
B6	Green	6		16			16			16		
B7	Yellow	6		17			17			17		
B8	Red	6		18			18			18		
B9	Green	7		19			19			19		
B10	Yellow	7		20			20			20		
B11	Red	7		21			21			21		
B12	Green	8		22			22			22		
B13	Yellow	8		23			23			23		
B14	Red	8		24			24			24		
C3	Green	9										
C4	Yellow	9										
C5	Red	9										
C6	Green	10										
C7	Yellow	10										
C8	Red	10										
C9	Green	11										
C10	Yellow	11										
C11	Red	11										
C12	Green	12										
C13	Yellow	12										
C14	Red	12										
D13	n/o contacts											
	Train Detector											
D12	n/o contacts											
	Train Detector											
A2	240V. (Refer Note 2)			25			25			25		
E5	Ext. Det. 1											
E6	Ext. Det. 2											
E7	Ext. Det. 3											
E8	Ext. Det. 4											
B16	QR Common											
E3	Det. Common											
A1, B1 C1, D1	Neutral			NL	Bk	Bk	NL	Bk	Bk			
	Cable											
	Spare Cores											
	Cable Size				51			51				

DETECTOR TABLE - PSC PD216 Series Intergrated Detector System

Logical Input	Physical Input	Loop/Det. Function	Loop/Pb. Type	Contr. Term	Logical Input	Physical Input	Loop/Det. Function	Loop/Pb. Type	Contr. Term
1			Quadripole	P1	17			Quadripole	R17
2			Quadripole	P2	18			Quadripole	R18
3			Quadripole	P3	19				
4			Quadripole	P4	20				
5			Quadripole	P5	21				
6			Quadripole	P6	22				
7			Quadripole	Q7	23				
8			Quadripole	Q8	24				
9			Quadripole	Q9	25				
10			Quadripole	Q10	26				
11			Quadripole	Q11	27				
12			Quadripole	Q12	28				
13			Quadripole	R13	29				
14			Quadripole	R14	30				
15			Quadripole	R15	31				
16			Quadripole	R16	32				

No.	DESCRIPTION	DATE	INIT.
3.	GOVERNMENT LOGO UPDATED	3/2012	C.W.
2.	STANDARD DRAWING AMENDMENT NOTE ADDED.	7/2002	K.S.
1.	GOVERNMENT DEPARTMENT LOGOS CHANGED.	5/2002	K.S.

AMENDMENTS

SITE No.

INFRASTRUCTURE DESIGN
Construction Agency

CADD FILE :

ELECTRICAL LAYOUT

2 0 2 4 6 8 10m
SCALE 1:400 (A3)

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown.

DRAWN	CHECKED
K. SCHULZE	
DATE 1-9-1993	DATE
DESIGNED	CHECKED
DATE	DATE
DESIGN PROJECT LEADER	PROJECT OFFICER
DATE	DATE

Northern Territory Government

Department of Construction and Infrastructure

TRAFFIC SIGNAL INSTALLATION

INTERSECTION NAME

PHILIPS PSC MK3 QC12 - ID CONTROLLER
ELECTRICAL WORKS

FILE No.	ASSET No.	SHEET No.	DRAWING No. AMEND.	SHEET SIZE
		1 OF 1	CS1510-3	A3

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