LEGEND		LEGEND	
	ELECTRICAL SERVICES SWITCHBOARD.	E1 🔂	E1: GENERAL LED EMERGENCY LIGHT.
	SWITCHBOARD BY OTHERS.	EX	EX: EMERGENCY LED EXIT LIGHT.
4	SINGLE POWER OUTLET.	<b>⊢⊕</b> <sup>Lx</sup> I	Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
•	DOUBLE POWER OUTLET.		L1: SUSPENDED 100 WIDE X 150 HIGH OPAL DIFFUSED
۲	SIGNAGE OUTLET.		LED EXTRUSION.
Ø	SINGLE PHASE ISOLATOR.	 [3]	L2: LED PELMET ABOVE THE CEILING FEATURE.
ø	THREE PHASE ISOLATOR.	<u> </u>	L3: SUSPENDED LED BACKLIT OPAL CEILING FEATURE
	ELECTRICAL CABLE TRAY AS NOTED.	L4	L4: 600 X 600 TBAR LED FLAT PANEL TROFFER.
	CONDUIT ROUTE.	L5 🗖	L5: ADJUSTABLE MULTI HEAD RECESSED LED
P	LIGHTING PRESENCE DETECTOR SWITCH.	L6 🗖	L6: ADJUSTABLE MULTI HEAD RECESSED LED
5	ONE-WAY LIGHT SWITCH.	L7 🗖	L7: ADJUSTABLE MULTI HEAD RECESSED LED
<b>S</b> AS	TWO-WAY LIGHT SWITCH.		DOWNLIGHT.
SP1	MULTIGANG SWITCHPANEL.	L8 <b>O</b>	L8: DECORATIVE PENDANT.
	CIRCUIT LINE.	L9 ●	L9: LED STRIP C/W OPAL DIFFUSER RUN VERTICALLY WITHIN THE JOINERY.
	SWITCH LINE.		L10: LED STRIP C/W OPAL DIFFUSER RUN HORIZONTALLY WITHIN THE JOINERY.
DB-x - Py	POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.	L11O	L11: ADJUSTABLE RECESSED LED DOWNLIGHT.
MDF	MAIN DISTRIBUTION FRAME.	L12 <b>O</b>	L12: RECESSED LED DOWNLIGHT.
$\boxtimes$	ELECTRICAL EQUIPMENT AS NOTED.	L13 <b>O</b>	L13: RECESSED LED DOWNLIGHT.
¥	RJ45 COMMUNICATIONS OUTLET.	L14	L14: 600 X 600 RECESSED PLASTER BOARD LED FLAT PANEL TROFFER.
FBx	FLUSH RECESSED TRAFFICABLE FLOOR BOX.	L15 <b>O</b>	L15: RECESSED LED DOWNLIGHT.
Δ	EXISTING POWER OUTLET TO BE PROVIDED WITH A NEW FACEPLATE.	L16	L16: REPLACE THE EXISTING TROFFER WITH 600 X 600 TBAR LED FLAT PANEL TROFFER.
<b>V</b>	EXISTING COMMUNICATIONS OUTLET TO BE PROVIDED WITH A NEW FACEPLATE.	L17 <b>O</b>	L17: REPLACE THE EXISTING RECESSED DOWNLIGHT WITH A RECESSED LED DOWNLIGHT.
FIP	FIRE INDICATOR PANEL.	L18 <b>O</b>	L18: RECESSED LED DOWNLIGHT.
S	SMOKE DETECTOR.		
ī	THERMAL DETECTOR.		
	ALERT AND EVACUATION SPEAKER.		

 $\bigcirc$ BACKGROUND MUSIC SPEAKER.

✓→ INTRUDER DETECTION SENSOR.

PAIR 2 PAIR 3 PAIR 4 PAIR 1  $\sim$ 1 2 3 4 5 6 7 WH/GN GN WH/OG BU WH/BU OG WH/BN BN

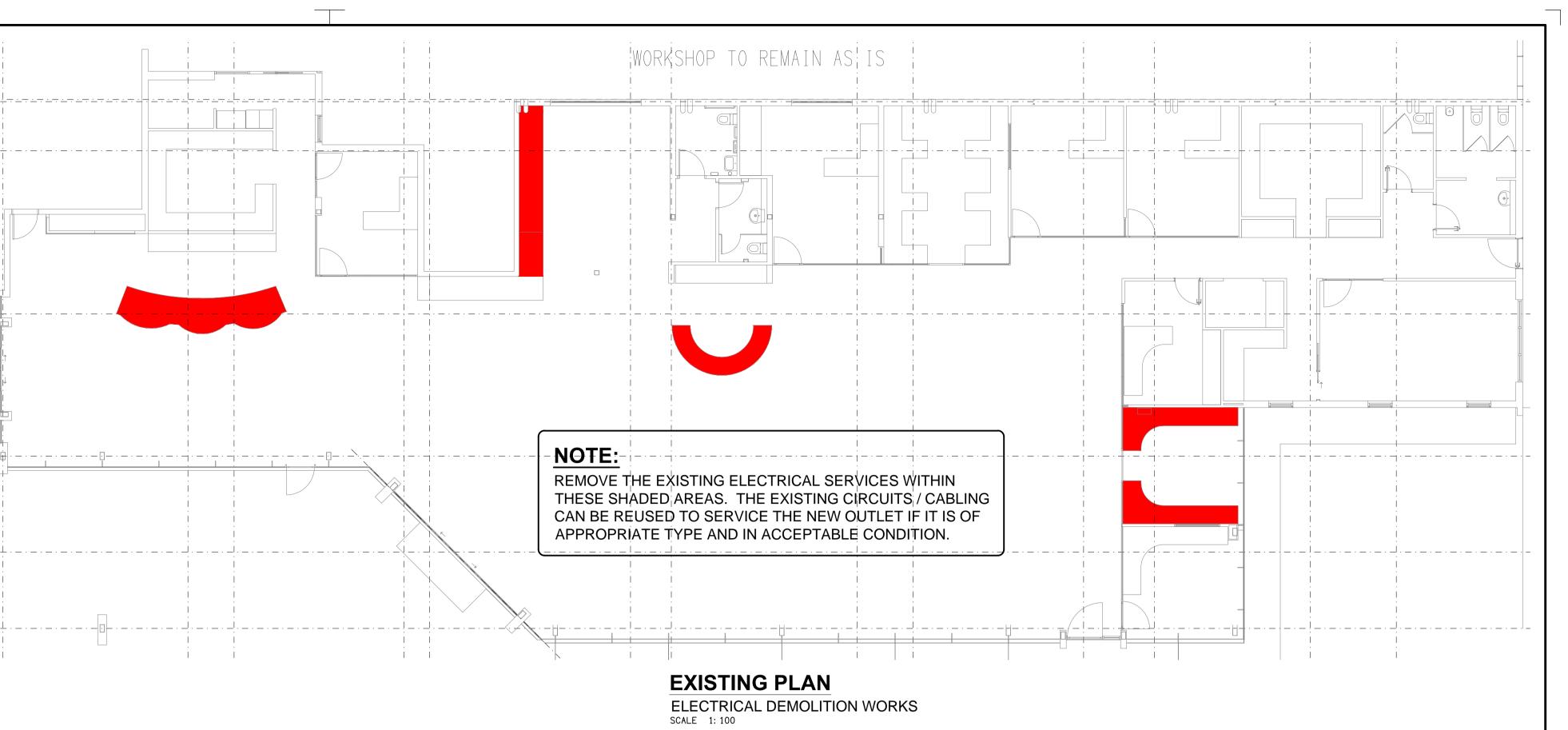
> SCHEMATIC **RJ45 PINOUT CONFIGURATION** NOT TO SCALE

## NOTE

ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793 TRADING AS: ELECTRICAL DESIGN GROUP

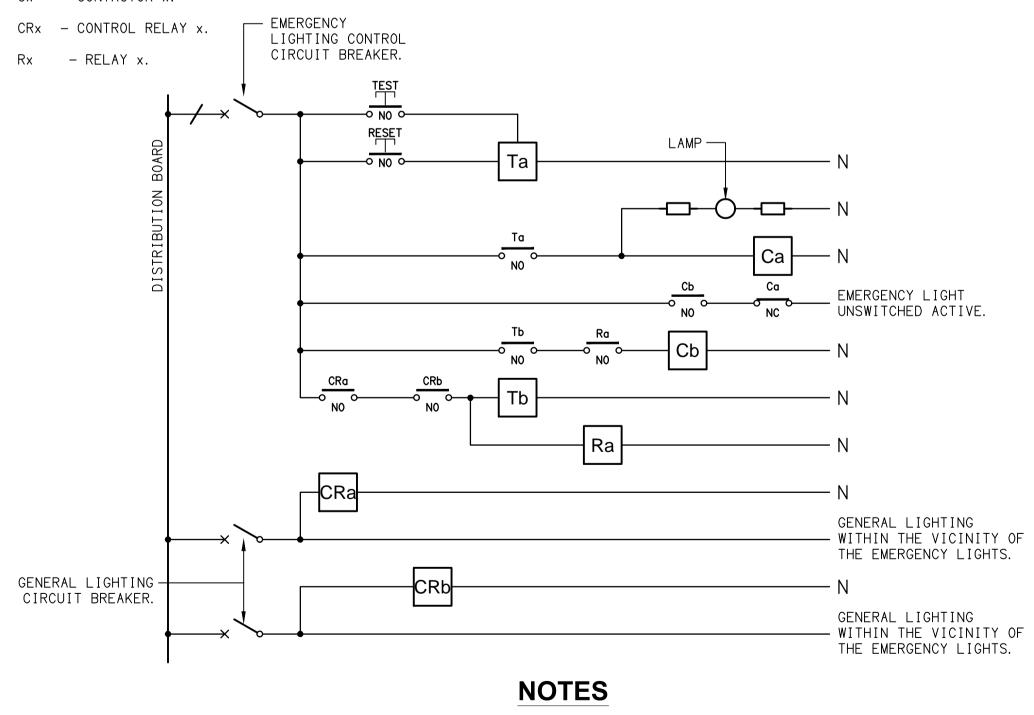
THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP. USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE. ALL DIMENSIONS TO BE VERIFIED ONSITE.



## EQUIPMENT:

TEST - TEST PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON. RESET - RESET PUSH BUTTON MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON. LAMP - AMBER TEST INDICATING LAMP MOUNTED ON THE DISTRIBUTION BOARD ESCUTCHEON.

- Ta ADJUSTABLE 0-3 HOUR TIMED RELAY.
- 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER. Тb
- Cx CONTACTOR x.



1. THE EMERGENCY LIGHT UNSWITCHED ACTIVE / GENERAL LIGHTING SWITCHED ACTIVE CIRCUIT ARRANGEMENT AND CONTROL IS TYPICAL FOR ALL CIRCUITS SUPPLYING EMERGENCY LIGHTS.

2. PROVIDE ADDITIONAL CONTROL RELAYS (CRx) CONFIGURED AS PER CRa AND CRb FOR ALL ADDITIONAL LIGHTING CIRCUITS THAT SUPPLY LIGHTS IN THE VICINITY OF THE EMERGENCY LIGHTS.

	PROJECT: TOYOTA			
ELECTRICAL	BUILDING	SERVICES	CONSULTANTS	
BRISBANE			GOLD COAST	

SCHEMATIC

NOT TO SCALE

EMERGENCY LIGHTING

NORTH LAKES

BRISE

P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au

1658 ANZAC AVENUE, NORTH LAKES

A	PRELIMINA	30/04/2024						
REV:	DESCRIPTION:				DATE:			
ELECTRICAL SERVICES LEGEND, SCHEMATICS & DETAILS								
SCALE: AS N	OTED	ат А1	<b>C3142a</b>	DRAWING NO:	REVISION:			