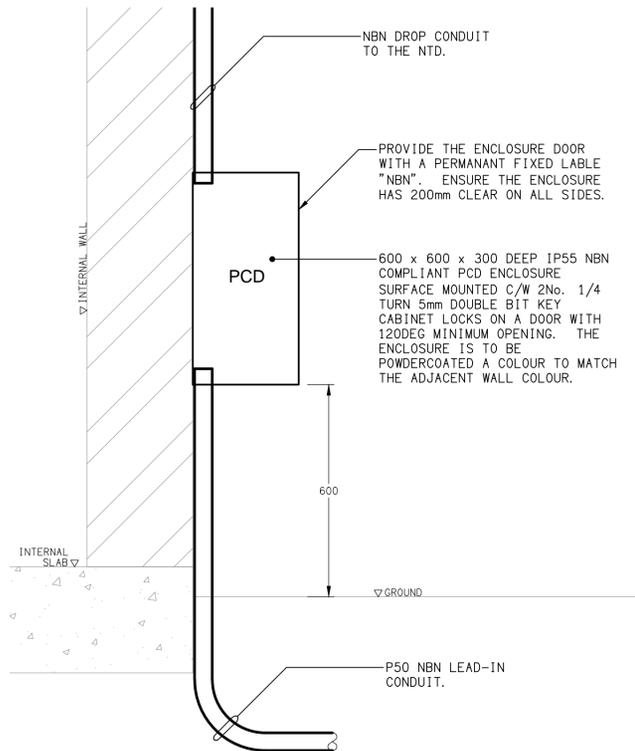
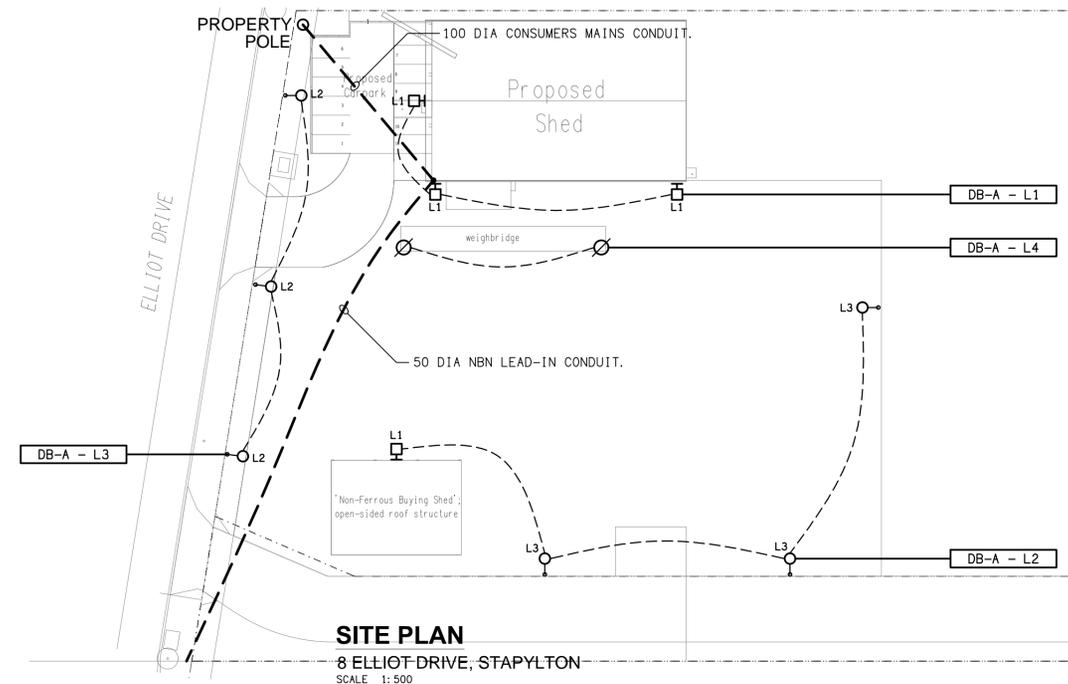


DETAIL
TYPICAL OUTLET MOUNTINGS
NOT TO SCALE

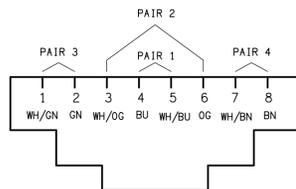


DETAIL
NBN PCD MOUNTING
NOT TO SCALE

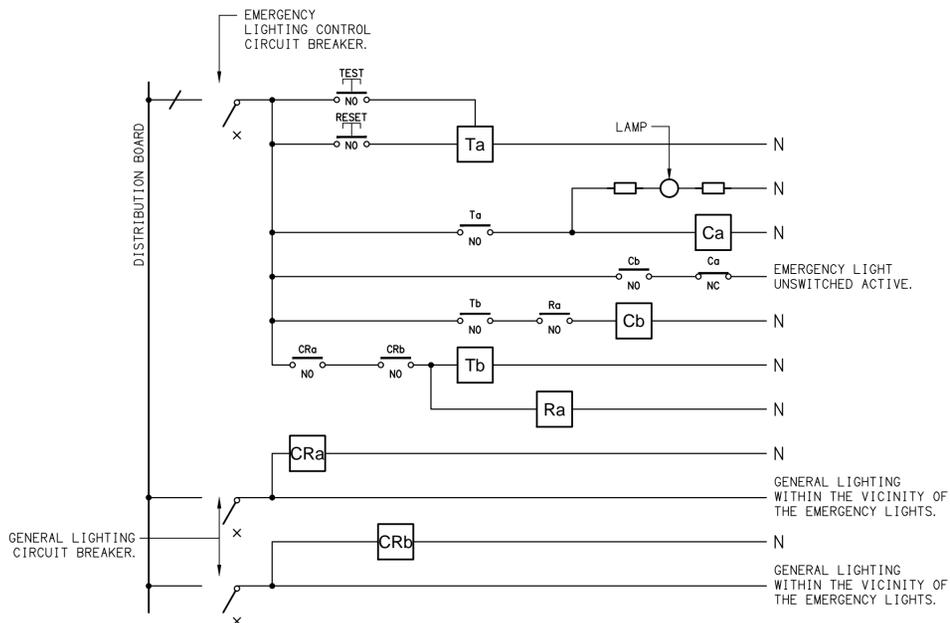


SITE PLAN
8 ELLIOT DRIVE, STAPYLTON
SCALE 1:500

- 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.
 - Tb - 15 MINUTE RUN-ON TIMER TO OPERATE UPON THE RETURN OF MAINS POWER.
 - Cx - CONTACTOR x.
 - CRx - CONTROL RELAY x.
 - Rx - RELAY x.

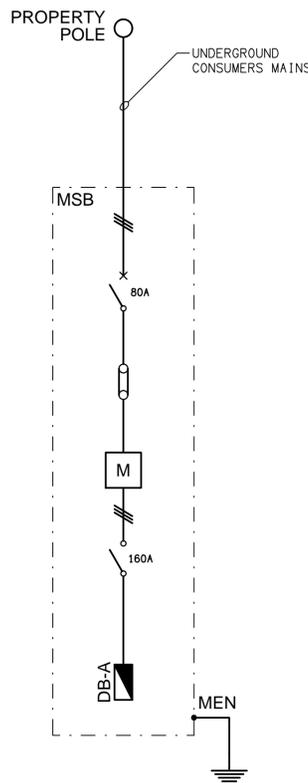


SCHEMATIC
RJ45 PINOUT CONFIGURATION
NOT TO SCALE



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

SCHEMATIC
EMERGENCY LIGHTING
NOT TO SCALE



SCHEMATIC
POWER CONFIGURATION
NOT TO SCALE

DB-A DISTRIBUTION BOARD SCHEDULE

FAULT CURRENT:	6KA	MAIN SWITCH:	160A NON AUTO LOAD BREAK
CHASSIS SIZE:	84 POLE		
CHASSIS RATING:	250A		
PHASES:	3		

PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN ASS2295 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE POWER SCHEMATIC

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE
P1	1	20	RCBO	2.5	AMENITY	HWS
P2	3	20	RCBO	2.5	EXTERNAL	SEWER PUMP
P3	1	20	RCBO	2.5	OFFICE	CR-A
P4	1	20	RCBO	2.5	AMENITY	GPOs
P5	1	20	RCBO	2.5	EXTERNAL	AC
P6	1	20	RCBO	2.5	OFFICE	CLEANING
P7	1	20	RCBO	2.5	OFFICE	GPOs
P8	1	20	RCBO	2.5	EXTERNAL	GPOs
P9	1	20	RCBO	2.5	WAREHOUSE	3PH
P10	3	20	RCBO	2.5	WAREHOUSE	3PH
P11	3	20	RCBO	2.5	WAREHOUSE	3PH
P12	3	20	RCBO	2.5	WAREHOUSE	3PH
P13	1	20	RCBO	2.5	WAREHOUSE	20A
P14	1	20	RCBO	2.5	WAREHOUSE	20A
P15	1	20	RCBO	2.5	WAREHOUSE	20A
P16	1	20	RCBO	2.5	WAREHOUSE	20A
P17	1	20	RCBO	2.5	WAREHOUSE	GPOs
P18	1	20	RCBO	2.5	WAREHOUSE	GPOs
P19	1	20	RCBO	2.5	WAREHOUSE	GPOs
P20	1	20	RCBO	2.5	WAREHOUSE	GPOs
P21	1	20	RCBO TC ON 6.00 AM OFF 10.00 PM	2.5	ROOF	EXHAUST
L1	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTS
L2	1	20	RCBO PE ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTS
L3	1	20	RCBO PE ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTS
L4	1	20	RCBO PE ON DUSK TC OFF 10.00PM	2.5	WEIGH BRIDGE	LIGHTS
L5	1	20	RCBO	2.5	WAREHOUSE	LIGHTS
L6	1	20	RCBO	2.5	WAREHOUSE	LIGHTS
L7	1	20	RCBO	2.5	WAREHOUSE	LIGHTS
L8	1	20	RCBO	2.5	OFFICE	LIGHTS
L9	1	20	RCBO	2.5	AMENITY	LIGHTS

B	PRELIMINARY	19/02/2025
REV:	DESCRIPTION:	DATE:

DRAWING:
ELECTRICAL SERVICES
SITE PLAN & DETAILS

SCALE: 1:500 UNO	AT A1	PROJECT NO: C3416a	DRAWING NO: E02	REVISION: B
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PROJECT:
ELLIOT DRIVE, STAPYLTON

8 ELLIOT DRIVE, STAPYLTON, QUEENSLAND