




LEGEND

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ELECTRICAL SERVICES SWITCHBOARD.
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SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
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SINGLE POWER OUTLET.
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DOUBLE POWER OUTLET.
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SPECIAL PURPOSE POWER OUTLET.
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SINGLE PHASE ISOLATOR.
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
THREE PHASE ISOLATOR.
- 


CONDUIT ROUTE.
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HAND DRYER CONNECTION.
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PIT A: EXISTING ELECTRICAL PIT.
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PIT B: NEW POWER AND COMMUNICATIONS PIT TO MATCH EXISTING.
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
ONE-WAY LIGHT SWITCH.
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TWO-WAY LIGHT SWITCH.
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CIRCUIT LINE.
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SWITCH LINE.
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POWER CIRCUIT DESIGNATION.
DENOTES DB AND CIRCUIT.
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ELECTRICAL EQUIPMENT AS NOTED.
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
CAT-6 UTP RJ45 COMMUNICATIONS OUTLET.
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CAT-6A STP RJ45 COMMUNICATIONS OUTLET.
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REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED.
ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.
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E1: RECESSED GENERAL LED EMERGENCY LIGHT.
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EX: EMERGENCY LED EXIT LIGHT.
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Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK.
TYPE AS NOTED.
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L1: 1200 LONG SURFACE MOUNTED IP56 BATTEN.
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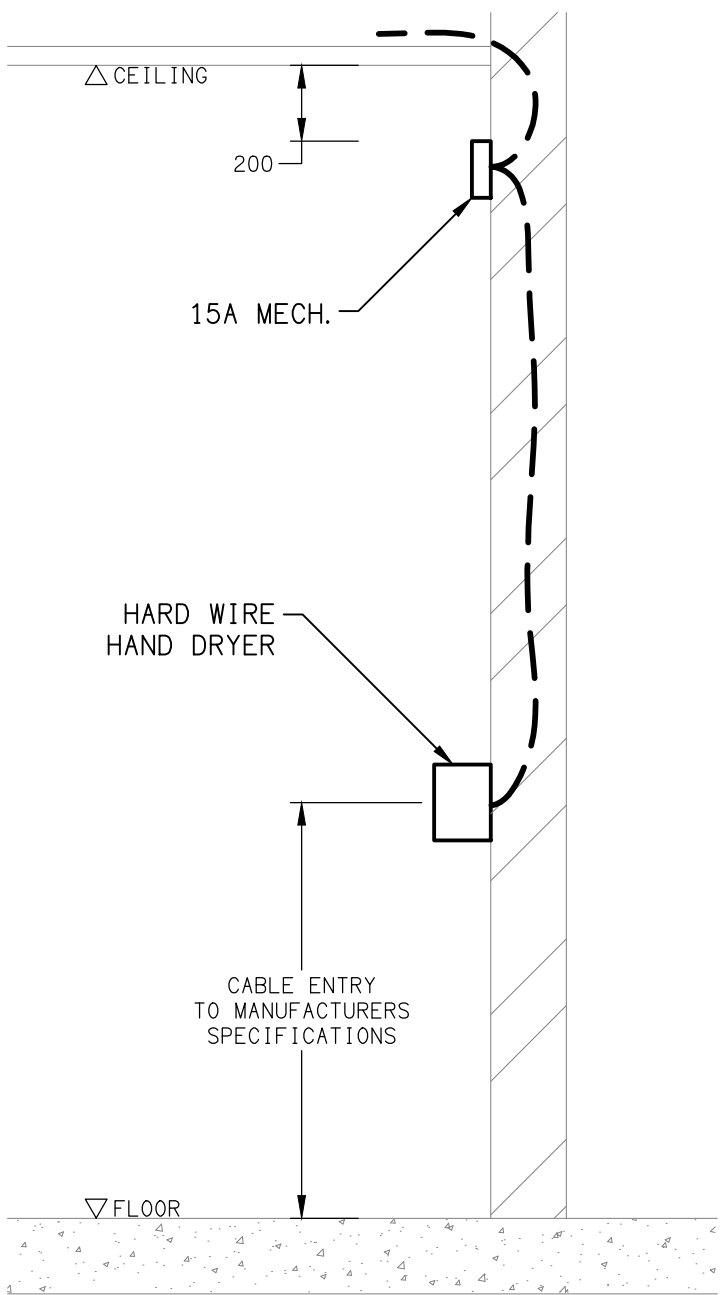
L2: 300 x 1200 LED T-BAR PANEL LIGHT.
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L3: 1200 LONG SURFACE MOUNTED IP65 BATTEN C/W PRESENCE DETECTOR.
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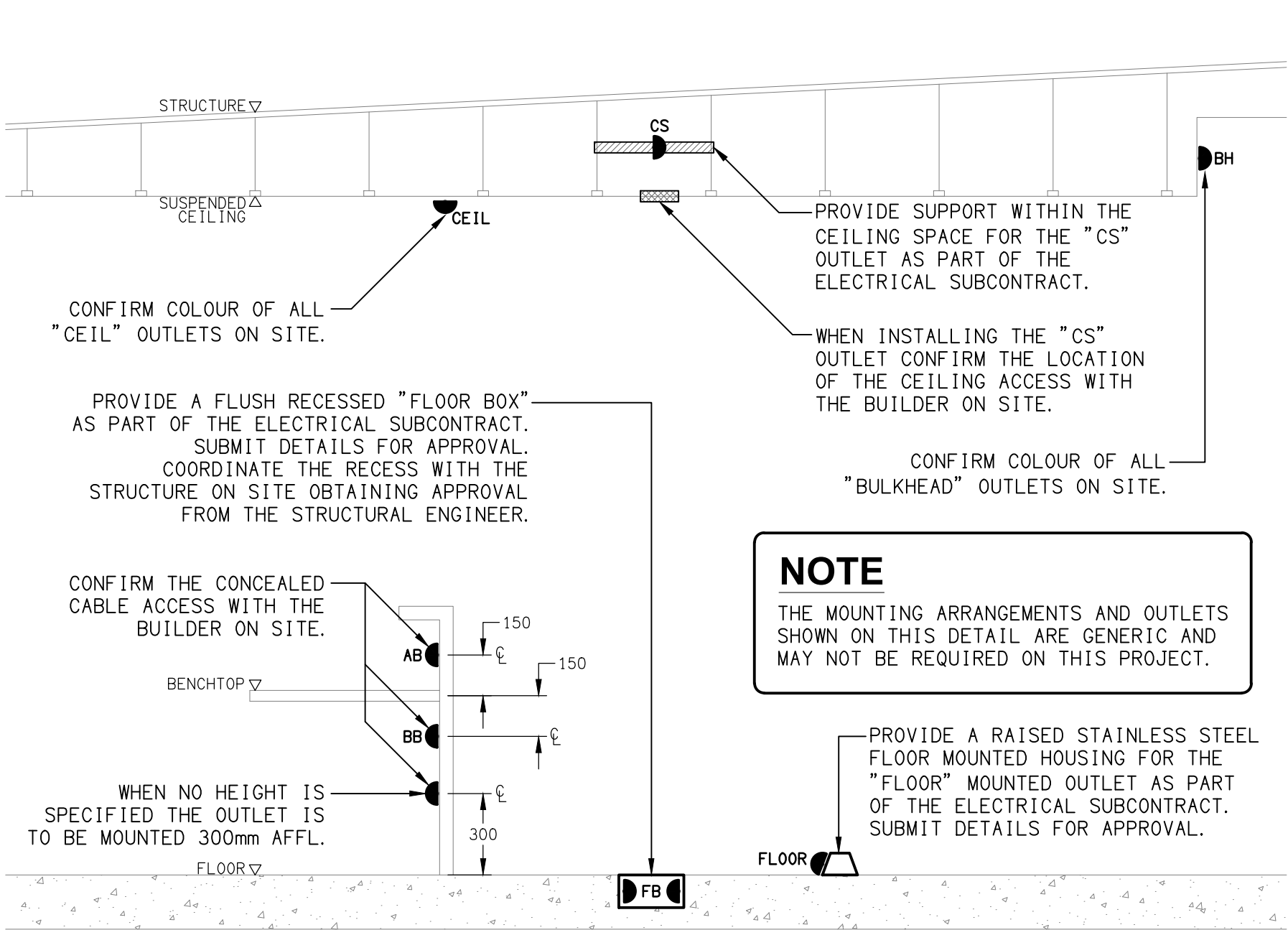
L4: AREA FLOOD LIGHT.
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PUBLIC ADDRESS RECESSED SPEAKER.
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PUBLIC ADDRESS HORN SPEAKER.



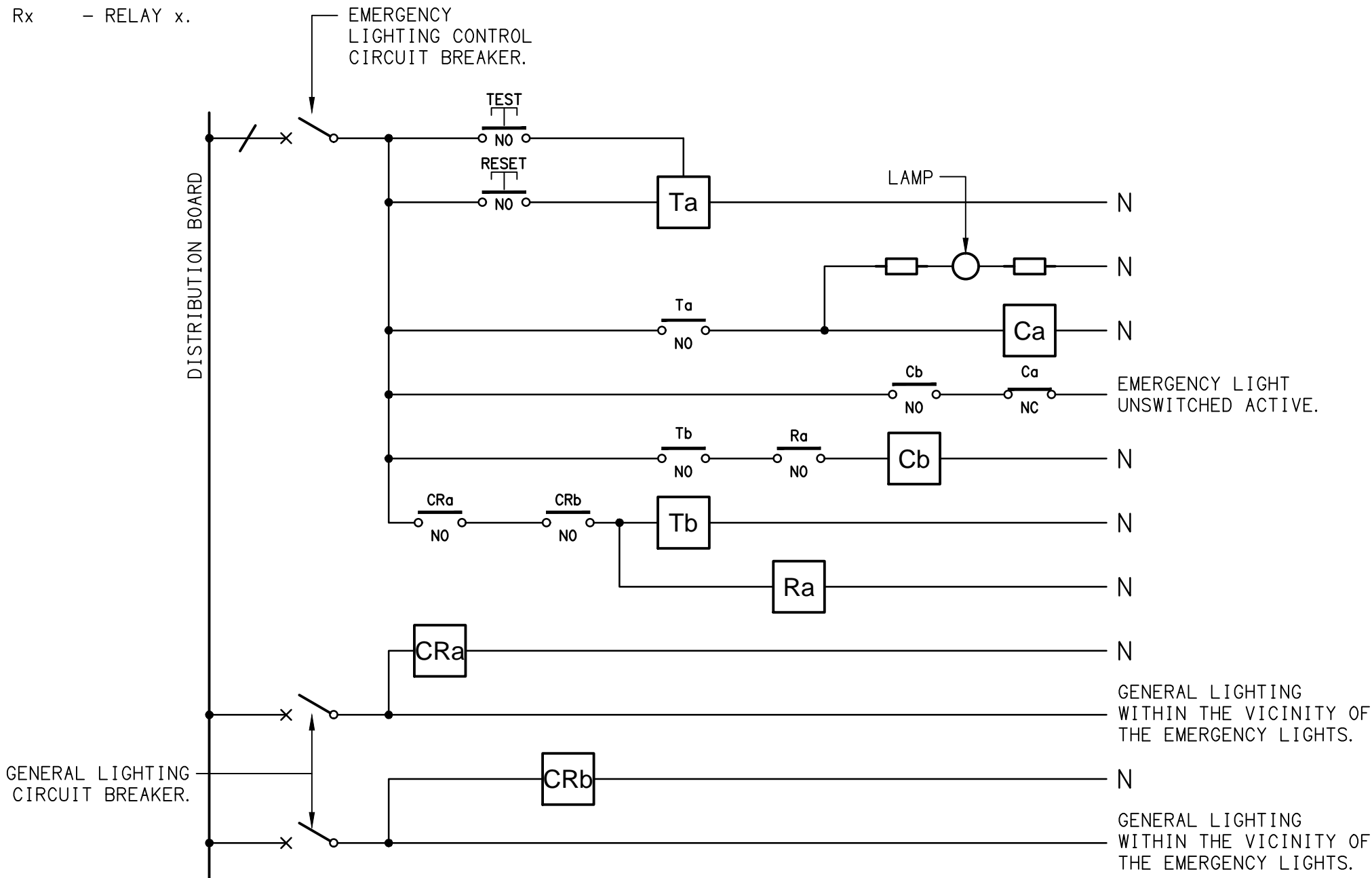
DETAIL
HAND DRYER CONNECTION
NOT TO SCALE



DETAIL
TYPICAL OUTLET MOUNTINGS
NOT TO SCALE

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.



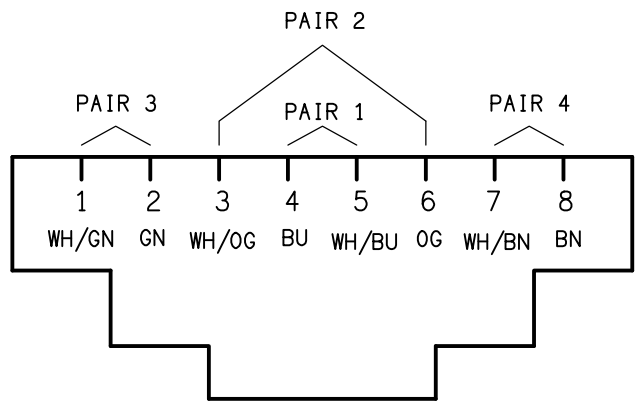
NOTES

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.

SCHEMATIC
EMERGENCY LIGHTING
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.



SCHEMATIC
RJ45 PINOUT CONFIGURATION
NOT TO SCALE