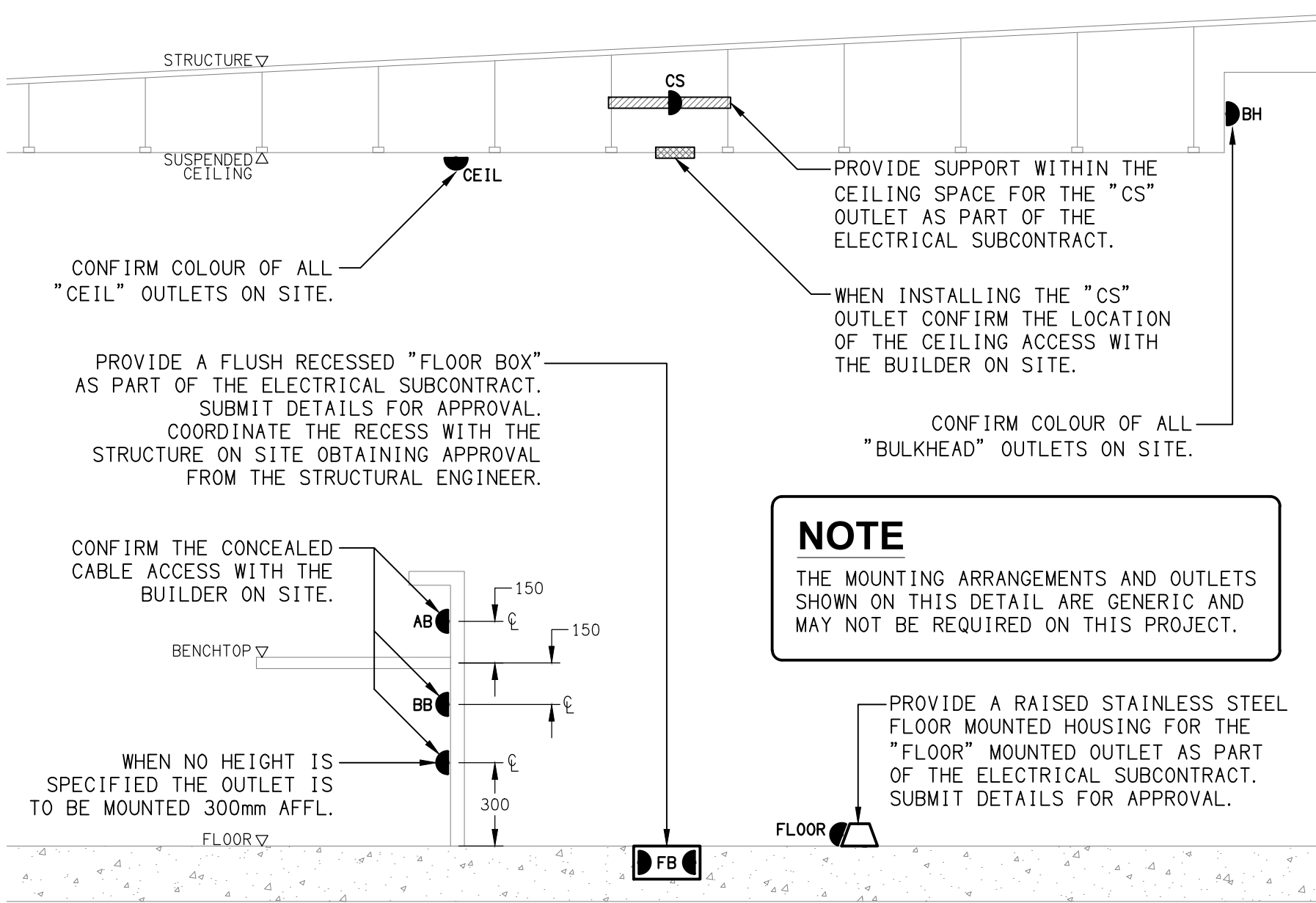


LEGEND

-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  SINGLE POWER OUTLET.
-  DOUBLE POWER OUTLET.
-  USB DOUBLE POWER OUTLET C/W TWO INTEGRAL USB PORTS.
-  SPECIAL PURPOSE POWER OUTLET.
-  THEATRE OUTLET.
-  ELECTRICAL FLOOR BOX, TYPE AS NOTED.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  LIGHTING SWITCH PANEL, TYPE AS NOTED.
-  ONE-WAY LIGHT SWITCH.
-  TWO-WAY LIGHT SWITCH.
-  CIRCUIT LINE.
-  SWITCH LINE.
- DB-x - Py

POWER CIRCUIT DESIGNATION.  
DENOTES DB AND CIRCUIT.
-  ELECTRICAL EQUIPMENT AS NOTED.
-  RJ45 UTP COMMUNICATIONS OUTLET CABLED TO AV-2.
-  RJ45 UTP COMMUNICATIONS OUTLET CABLED TO CR-A.
-  RJ45 STP COMMUNICATIONS OUTLET CABLED TO CR-A.
-  PA SPEAKER ZONE 1.
-  PA SPEAKER ZONE 2.
-  REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED.  
ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.
-  LIGHTING CHANNEL REFERENCE.
-  RELAY.
-  CONTACTOR.
-  NORMALLY OPEN.
-  NORMALLY CLOSED.
-  E1: RECESSED GENERAL LED EMERGENCY LIGHT, WHITE.
-  E2 EX: EMERGENCY LED EXIT LIGHT C/W BLACK THEATRE MASK.
-  E3: SURFACE MOUNTED GENERAL LED EMERGENCY LIGHT, BLACK.
-  EX: EMERGENCY LED EXIT LIGHT, WHITE.
-  L1: AUDITORIUM RECESSED DOWNLIGHT.
-  L2: BACK OF HOUSE RECESSED DOWNLIGHT.
-  L3: BACK OF HOUSE BLUE RECESSED DOWNLIGHT.
-  L4: OFFICE RECESSED DOWNLIGHT.
-  L5: MEETING ROOM RECESSED DOWNLIGHT.
-  L6: CHAPLAIN 600 x 600 LAY IN FLAT PLATE FITTING.
-  L7: SURFACE MOUNTED STAGE DOWNLIGHT.

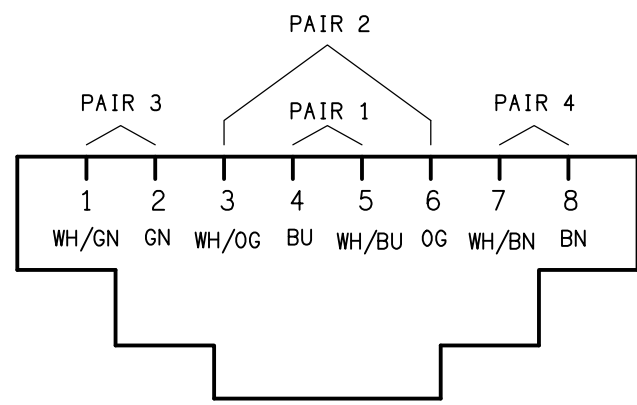
**NOTE**  
ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.



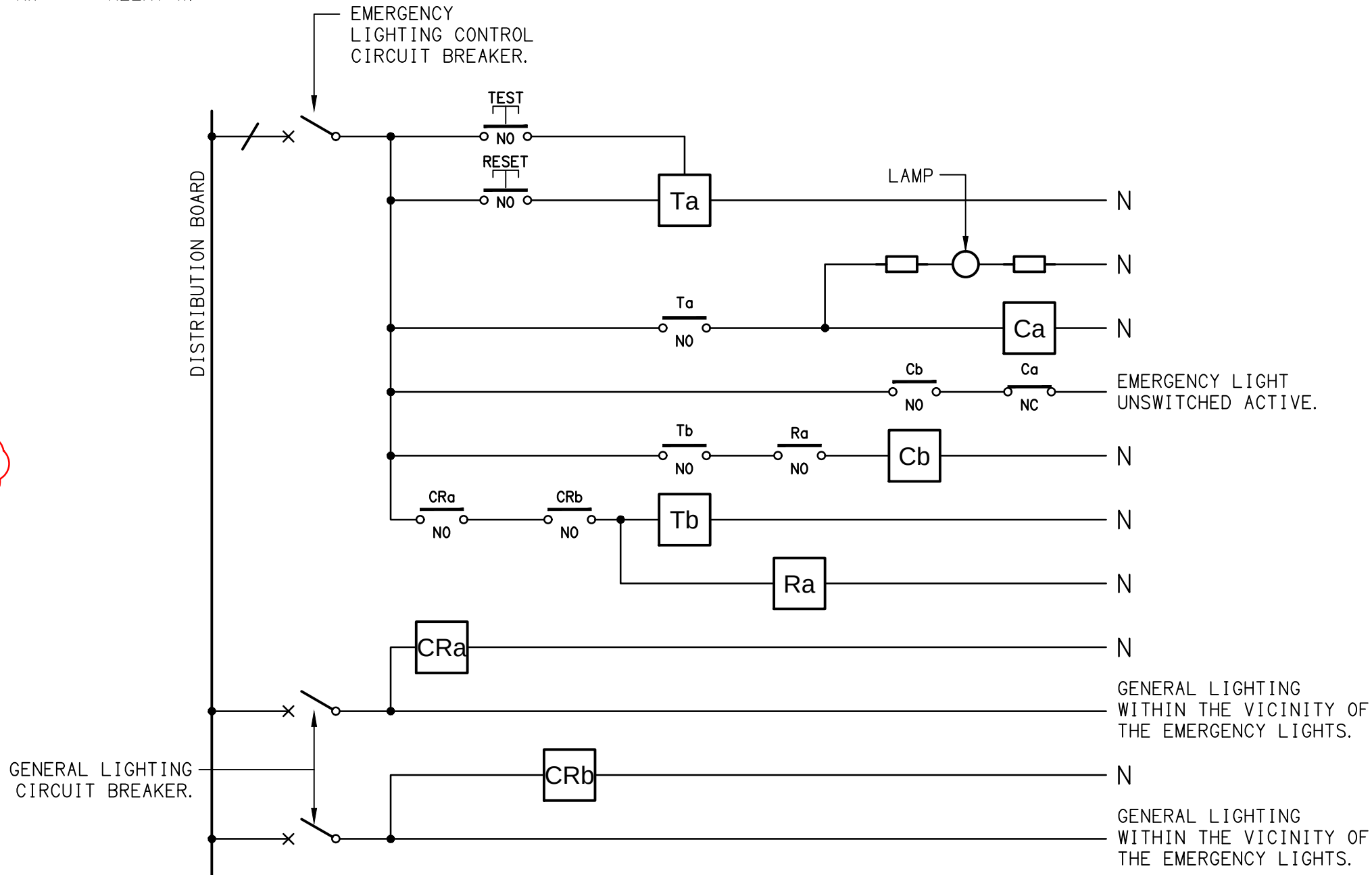
**DETAIL**  
TYPICAL OUTLET MOUNTINGS  
NOT TO SCALE

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.



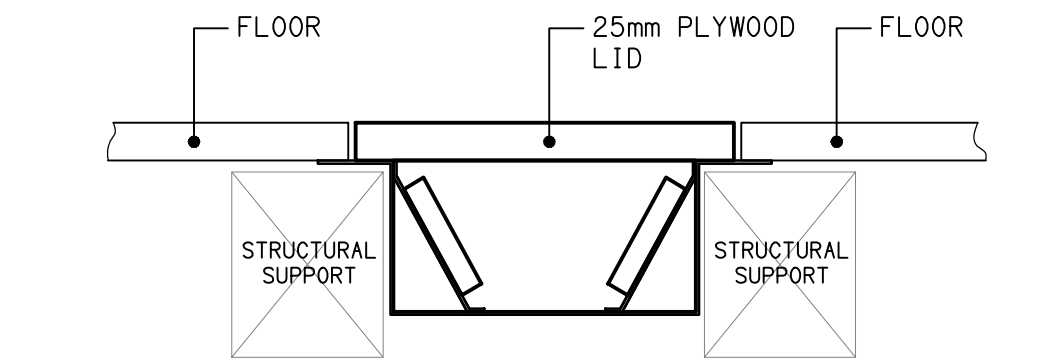
**SCHEMATIC**  
RJ45 PINOUT CONFIGURATION  
NOT TO SCALE



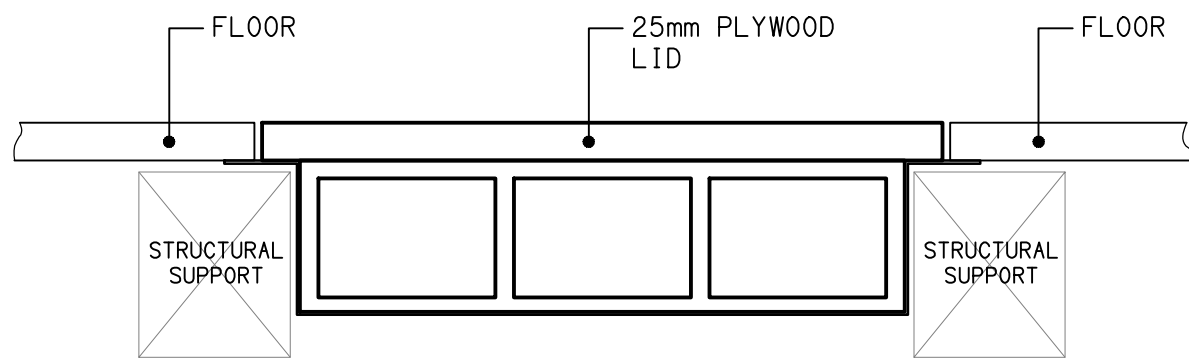
NOTES

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.

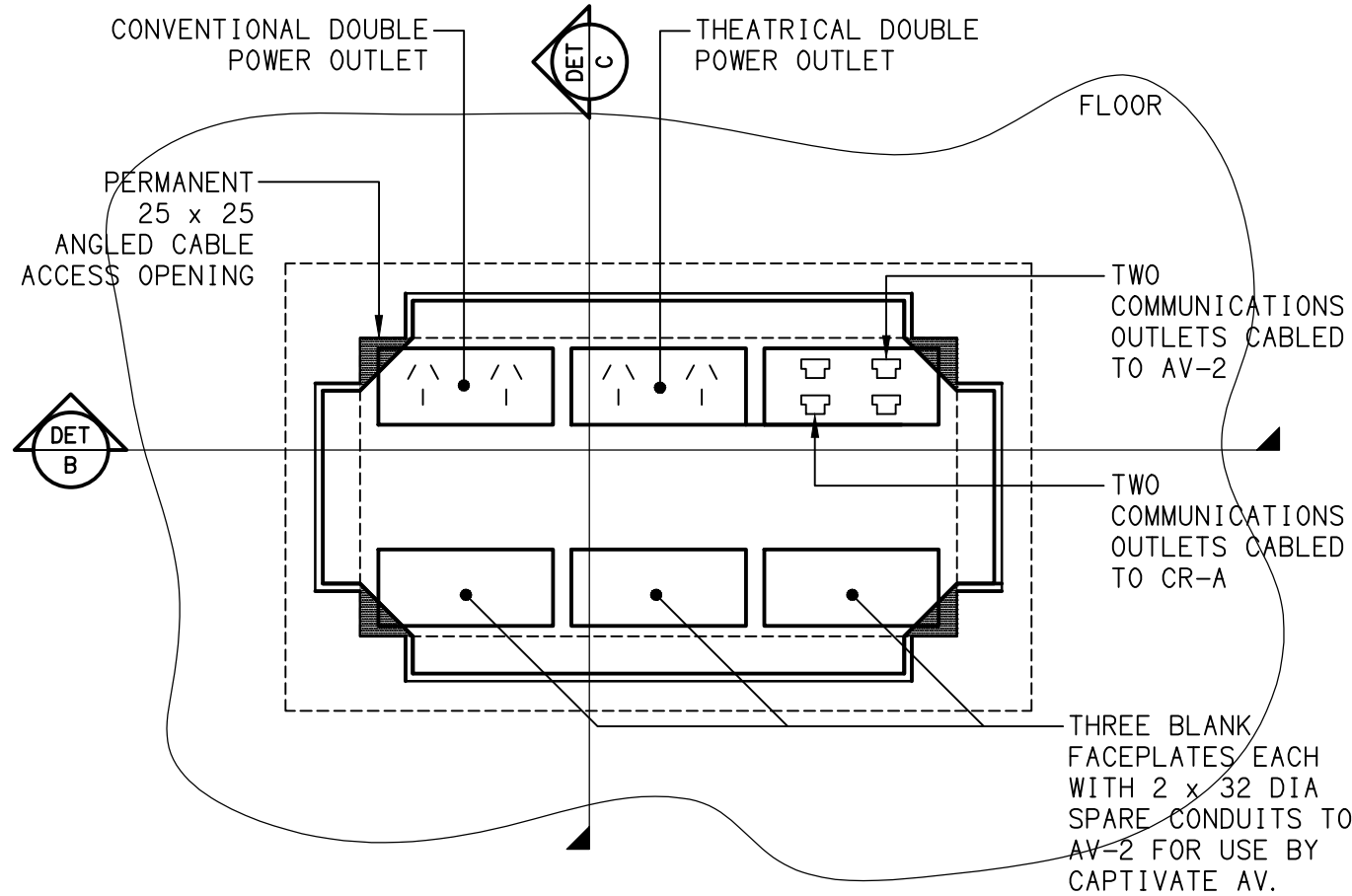
**SCHEMATIC**  
EMERGENCY LIGHTING  
NOT TO SCALE



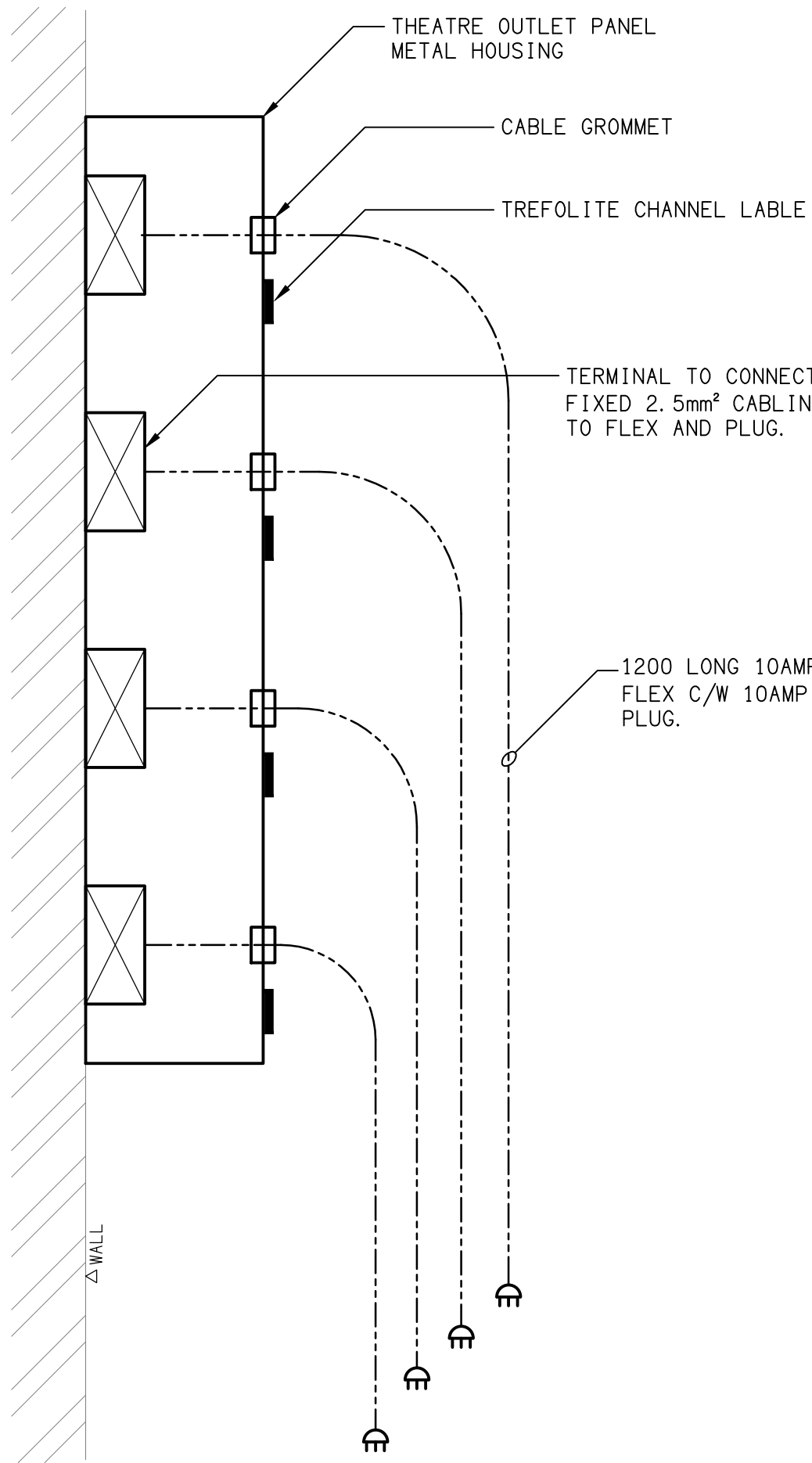
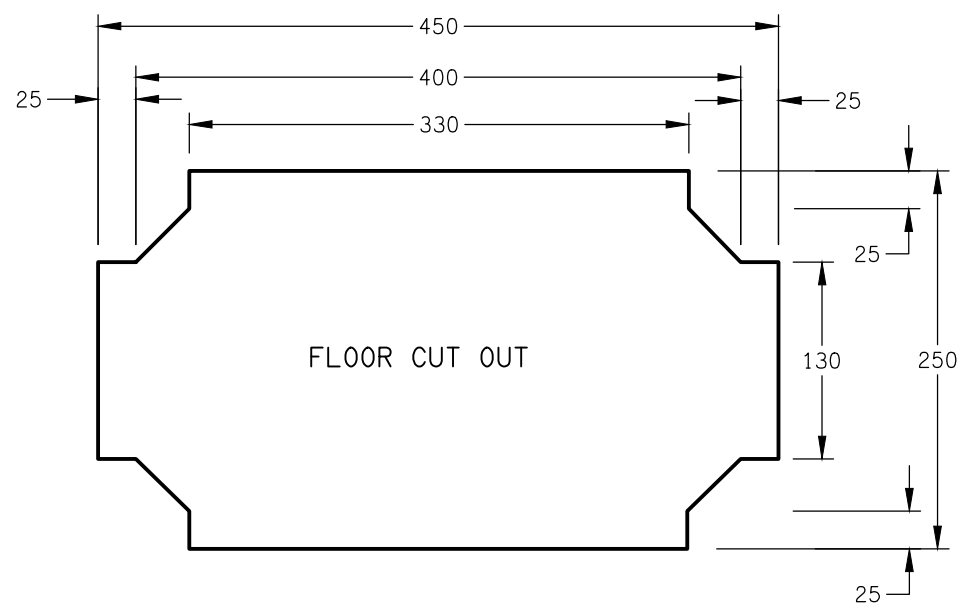
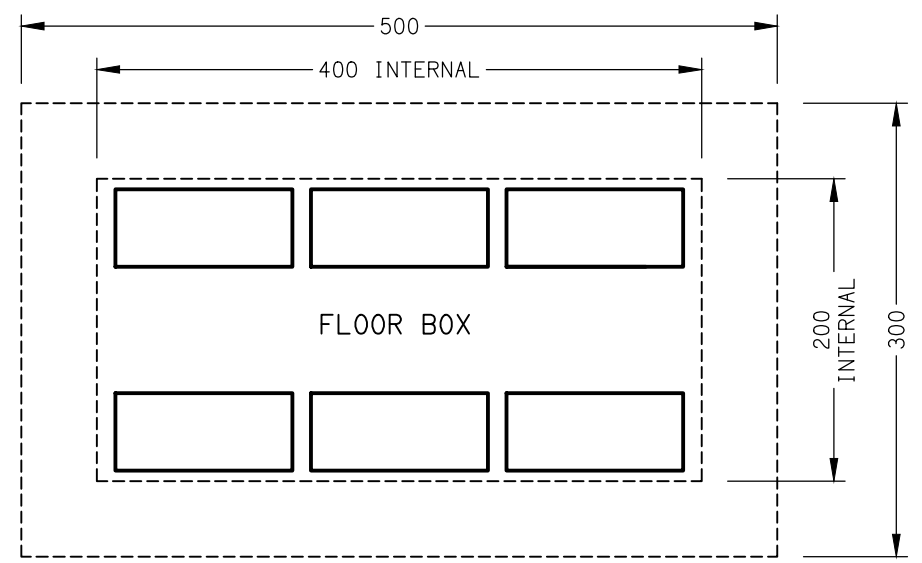
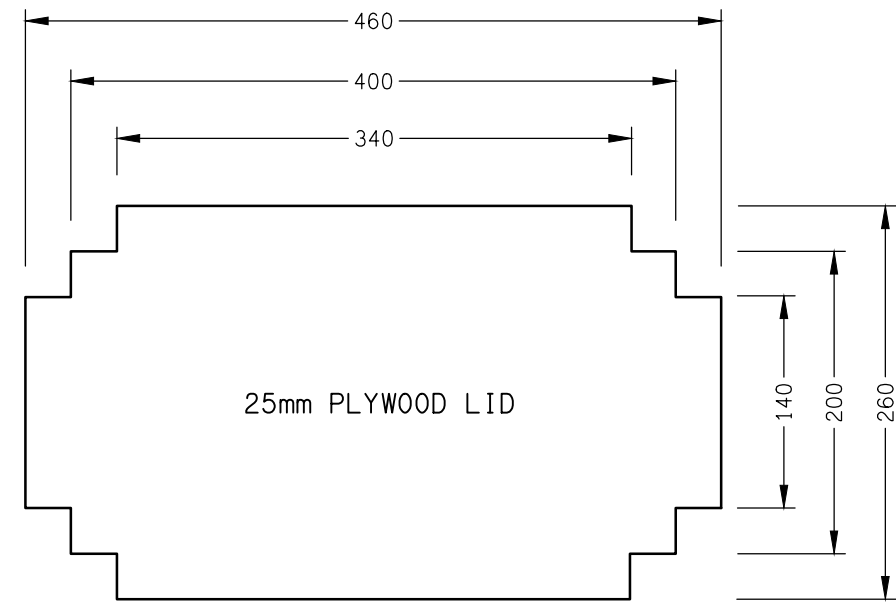
**DETAIL C**  
CUSTOM FLOOR BOX FB2 SECTION 2  
NOT TO SCALE



**DETAIL B**  
CUSTOM FLOOR BOX FB2 SECTION 1  
NOT TO SCALE



**DETAIL A**  
CUSTOM FLOOR BOX FB2 PLAN  
NOT TO SCALE



**DETAIL**  
THEATRE OUTLET PANEL SECTION  
NOT TO SCALE

|                    |                                                |             |
|--------------------|------------------------------------------------|-------------|
| B                  | CONSTRUCTION                                   | 21/08/2026  |
| REV:               | DESCRIPTION:                                   | DATE:       |
| DRAWING:           | <b>ELECTRICAL SERVICES</b><br>LEGEND & DETAILS |             |
| SCALE:             | PROJECT NO:                                    | DRAWING NO: |
| NOT TO SCALE AT A1 | <b>C3777a</b>                                  | <b>E01</b>  |
|                    |                                                | REVISION:   |
|                    |                                                | <b>B</b>    |

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IN PREFERENCE TO SCALE.

ALL DIMENSIONS TO BE  
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PROJECT:  
**KINGS CHRISTIAN COLLEGE**  
**CHAMBERS FLAT, MIDDLE SCHOOL CHA16**  
**AUDITORIUM**  
38-112 ANZAC AVENUE, CHAMBERS FLAT