

Diagram illustrating the wiring configuration for a 4" square backbox, showing connections for Phase A (Black), Phase B (Red), and Neutral (White with Black Tracer) conductors, along with equipment ground and automatic ground connections.

Labels and Components:

- PHASE A - BLACK
- PHASE B - RED
- E.M.T.
- 4" SQUARE BOX DEPTH SHALL BE REQUIRED FOR CONDUCTOR FILL
- SCOTCHLOCK ELECTRICAL SPRING CONNECTORS
- STEEL E.M.T. CONNECTOR WITH NYLON INSULATED THROAT OR LOOKOUT AS REQUIRED
- P.V.C. E.M.T. OR RIGID AS REQUIRED
- PHASE A NEUTRAL - WHITE WITH BLACK TRACER
- AUTOMATIC GROUND
- PHASE B NEUTRAL - WHITE WITH RED TRACER
- PLASTER RING
- EQUIPMENT GROUND - GREEN BOND TO BACKBOX. (PROVIDE PIGTAIL ATTACHED TO GROUND SCREW ON RECEPTACE).

NOTES:

1. EACH CONDUCTOR IN BOX SHALL BE OF SUFFICIENT LENGTH (MIN. 6") FOR MAKING UP SPLICES.
2. DO NOT BACK WIRE DEVICES. LOOP AROUND TERMINAL SCREWS.
3. FACE OF PLASTER RING SHALL BE FLUSH WITH WALL.

NO SCALE

LIGHT FIXTURE DESIGNATION DESCRIPTION

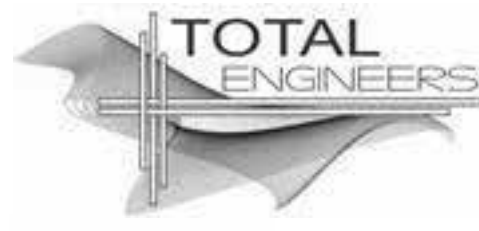
EXAMPLE: B/HAL-1-1.b

The diagram illustrates the components of the designation B/HAL-1-1.b. It features four text boxes with lines pointing to the corresponding parts of the designation:

- PANEL DESIGNATION:** Points to the 'B' in B/HAL-1-1.b.
- FIXTURE TYPE:** Points to 'HAL' in B/HAL-1-1.b. The text below this box reads: "TYPE 'A' IF NO CAPITAL LETTER SHOWN".
- CIRCUIT NUMBER:** Points to the first '1' in B/HAL-1-1.b.
- SWITCH LEG DESIGNATION:** Points to the second '1' in B/HAL-1-1.b. The text below this box reads: "WHEN MULTIPLE SWITCHES ARE IN SAME SPARE/AREA".

The full designation B/HAL-1-1.b is shown at the bottom of the diagram.

PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING).



City of Covington

HIGHWAY 36
COVINGTON, GA 30014

[illegible]

Sheet Title

Sheet No.

E-001

RELEASED FOR CONSTRUCTION