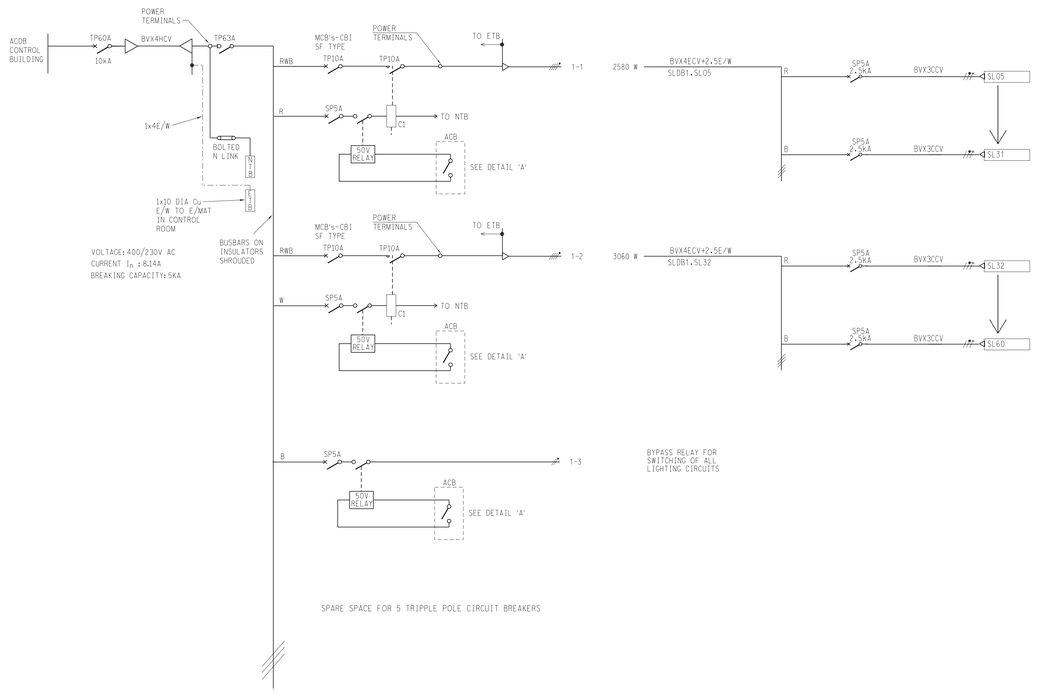
SECURITY LIGHTING DISTRIBUTION BOARD 1

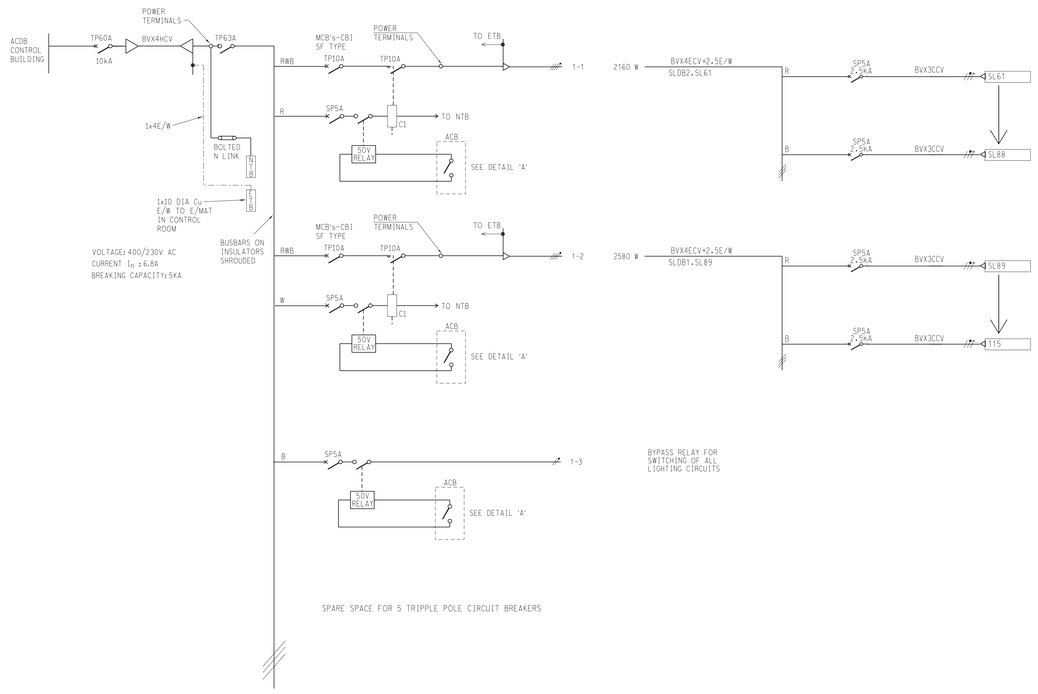
400/230V AC MAIN BOARD	CABLE TYPE / CABLE No	LOCAL SWITCH	SECURITY LIGHTING DISTRIBUTION BOARD PHASES	PROTECTION & CONTROL DEVICES	CABLE/CONDUCTOR & CONDUIT SIZE	CCT No	LOAD	CABLE TYPE / CABLE No	POLE TERMINATION BOARD	WIRING	LUMINAIRE LABEL



SPARE SPACE FOR 5 TRIPPLE POLE CIRCUIT BREAKERS

SECURITY LIGHTING DISTRIBUTION BOARD 2

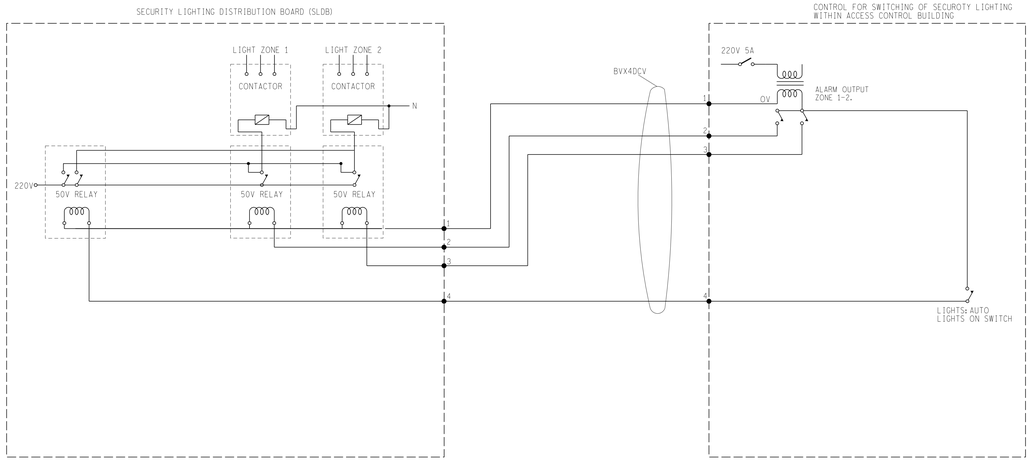
400/230V AC MAIN BOARD	CABLE TYPE / CABLE No	LOCAL SWITCH	SECURITY LIGHTING DISTRIBUTION BOARD PHASES	PROTECTION & CONTROL DEVICES	CABLE/CONDUCTOR & CONDUIT SIZE	CCT No	LOAD	CABLE TYPE / CABLE No	POLE TERMINATION BOARD	WIRING	LUMINAIRE LABEL



SPARE SPACE FOR 5 TRIPPLE POLE CIRCUIT BREAKERS

ELECTRICAL LEGEND:
(ADDITION TO DGN 0.00/3886)

- CIRCUIT BREAKER
- SWITCH-DISCONNECTOR
- CABLE GLAND WITH EARTH TAG
- EARTHSTUD
- TERMINALS



DETAIL 'A' FOR SLDB1 AND SLDB2

NOTES:

1. THE SECURITY LIGHTING ELECTRICAL INSTALLATION WORK SHALL BE IN ACCORDANCE WITH:
   1.1. TECHNICAL SPECIFICATION
   1.2. SANS 10142
   1.3. SANS 10198
2. FOR SECURITY LIGHTING DISTRIBUTION BOARD, SLDB:
   2.1 DAY/NIGHT SWITCH POSITION SHALL BE DETERMINED BY SITE PERSONEL
   2.2 ALL CABLE ENTRIES SHALL BE FROM BOTTOM OF SLDB USING CABLE GLANDS
3. FOR ENGRAVING & LABELLING REQUIREMENTS REFER TO DGN 0.00/5007.
4. CABLE GLANDS SHALL BE FIXED TO GLAND PLATE AT MAST TERMINATION BOARD IN MAST & BONDED VIA A 4mm² Cu EARTHWIRE TO EXISTING EARTH STUD ON MAST.
5. MANUFACTURER'S DRAWINGS & FACTORY INSPECTIONS:-
   5.1. LABELLING:
      a. THE CONSECUTIVE NUMBERING FOR THE LABELLING UNDER THE DEVICES SHALL BE PROVIDED, THE LEGEND CARD SHALL BE SUPPLIED WITH THE BOARD WITH SUITABLE POCKETS ON THE INSIDE OF THE DOOR

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS

APPROVED BY: DATE 13/02/2025
CHECKED BY: DATE
DRAWN BY: DATE 13/02/2025
SCALE _____

Eskom Transmission

ESKOM HOLDINGS LIMITED
REG NO. 2002/015527/06

PEMBROKE

SECURITY LIGHTING SLDB1 AND SLDB2
400/230V AC SCHEMATIC
AND CABLE BLOCK DIAGRAM

©

PEM25P19-SE-E43 | SHEET NUMBER 2 | REVISION 0

SIZE GROOTTE A0