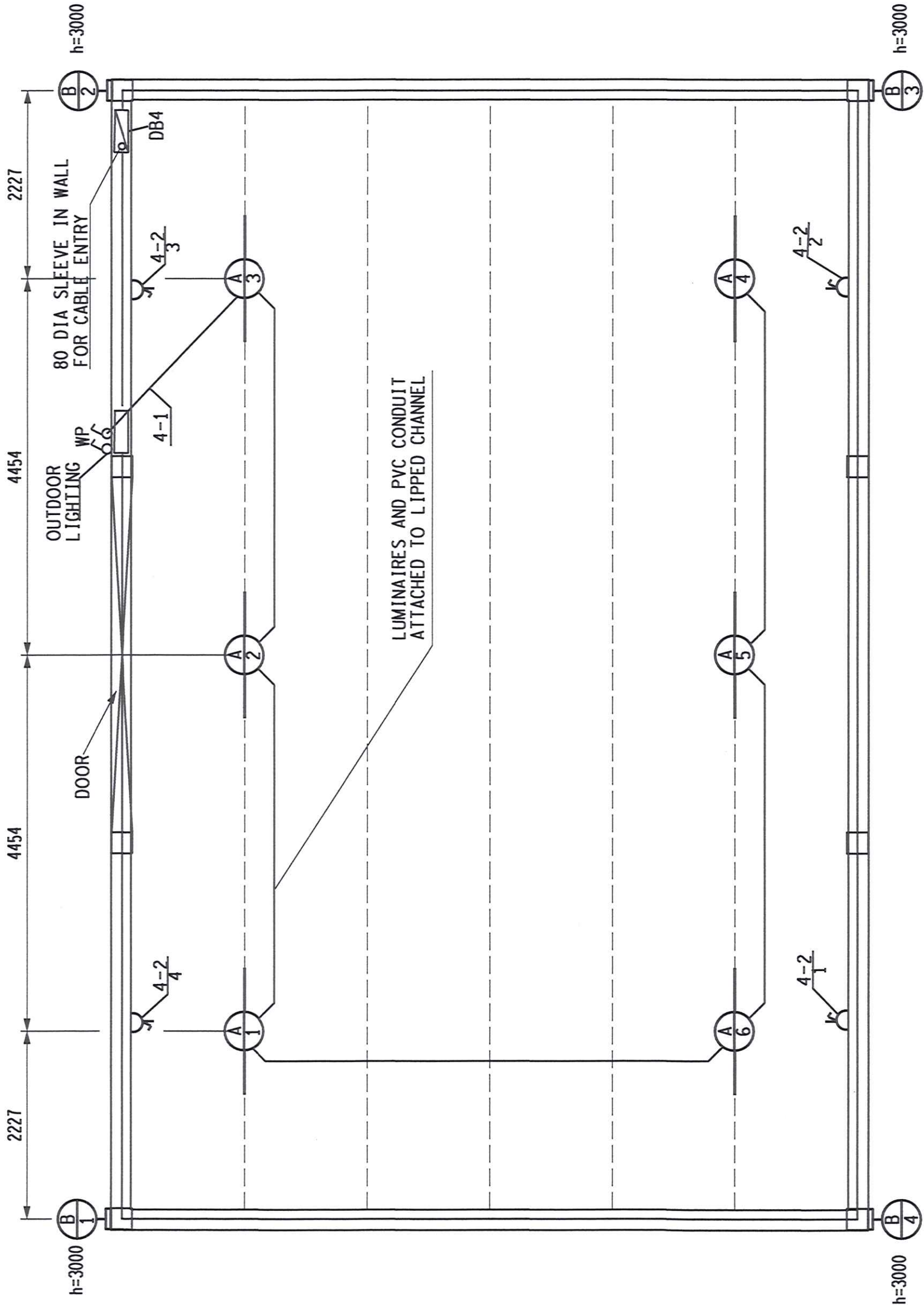


NOTES:

- ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH:
  - SANS 10142
  - MODEL PREMBLES FOR TRADES SECTION 'S' ELECTRICAL WORK.
- ALL WIRING SHALL BE INSTALLED WITHIN 20 DIAMETER PVC CONDUIT AND ATTACHED TO LIPPED CHANNELS AND FRAME WORK.
- MOUNTING HEIGHTS A.F.F.L:
  - SOCKET OUTLETS - 1350 A.F.F.L
  - LUMINAIRES PLAN REF. 'A' SHALL BE ATTACHED TO LIPPED CHANNEL.
- SOCKET OUTLETS SHALL BE MOUNTED ON WALL AS SHOWN ON PLAN WITH PVC CONDUIT FIXED ON WALL.
- MANUFACTURER'S DRAWINGS & FACTORY INSPECTIONS:-
- DRAWINGS OF BOARDS SHOWING THE VIEW WITH SECTION & EQUIPMENT ARRANGEMENT WITH TYPE, RATING, LABELS & GLAND PLATES SHALL BE SENT FOR APPROVAL BEFORE COMMENCEMENT OF MANUFACTURE. ON THREE PHASE BOARDS THE CIRCUIT BREAKERS SHALL BE ARRANGED IN 3 ROWS (ONE ROW PER PHASE) WITH A SEGREGATION OF CIRCUITS SUPPLIED FROM SECTION CB'S/ELU
- LABELLING:
  - 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
  - FOR INFORMATION ON THE LEGEND CARD SEE DETAIL 'A'
  - THE LEGEND CARD SHALL ALSO BE SHOWN ON THE MAKER'S DRAWING
- THE TITLE BLOCK ON THE MAKER'S DRAWING SHALL BE AS PER DETAIL 'B'
- THE DISTRIBUTION BOARDS SHALL BE INSPECTED BEFORE SHIPMENT
  - AN APPLICATION FOR THE INSPECTION SHALL BE SENT TO THE PROJECT MANAGER
- ALL ELECTRICAL EQUIPMENT TO BE SURFACE MOUNTED.
  - DB TO BE MOUNTED AT POSITION SHOWN 2000 TO TOP OF DB
  - SUPPLY CABLE TO BOTTOM ENTRY OF DB FIXED TO CABLE TRAY.
  - CABLES AND CONDUIT EXITING TOP OF DB TO BE INSTALLED WITHIN TRUNKING



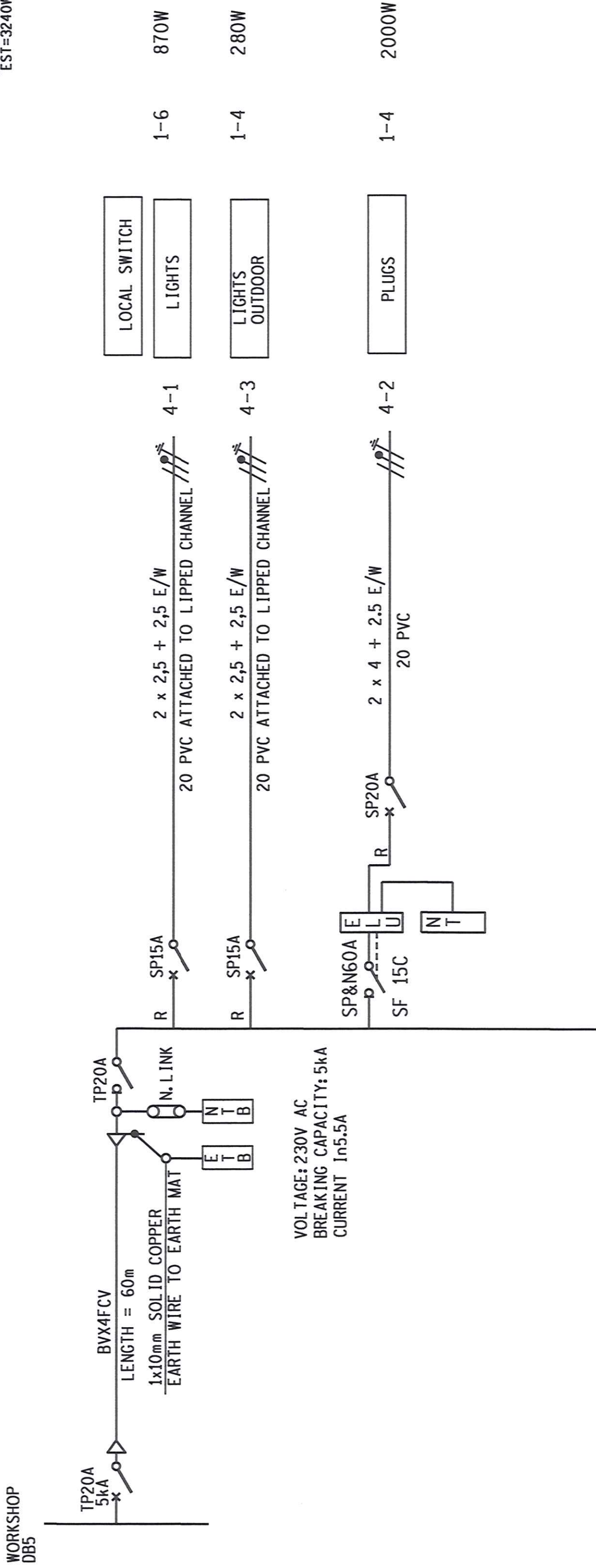
LIGHTING & POWER POINT LAYOUT  
N.T.S.

LABEL : DB4 230V AC

SCHEMATIC DIAGRAM FOR DB STORE TO SANS SPECIFICATION 11180, FREESTANDING TYPE BOARD MOUNTED ON BRICKWORK COLOUR-GREY C29 TO SANS 11091 WITH DOOR.

ELU & MCB'S	CONDUCTOR SIZE mm <sup>2</sup>		CIRC No	LABEL	POINT No	LOAD
	CONDUIT SIZE mm					

COIN=4650W  
EST=3240W



ELECTRICAL LEGEND:

(IN ACCORDANCE WITH NRS002)

- SOCKET OUTLET WITH SINGLE POLE SWITCH
- 3 PIN 16A 230V (WP FOR WEATHERPROOF)
- LIGHT SWITCH SINGLE POLE 16A 230V (WP FOR WEATHERPROOF)
- CIRCUIT BREAKER
- SWITCH-DISCONNECTOR

SCHEDULE OF LUMINAIRES WITH LAMPS, & OTHER ELECTRICAL EQUIPMENT

PLAN REF	DESCRIPTION	SUPPLIERS	CAT No
A	FLUORESCENT LUMINAIRES WITH 2x58W LAMPS 230V 50Hz WITH WINGS	VOLTEX LIGHTING	R4258SS
B	BULKHEAD LED LUMINAIRE, COLOUR INDEX 4000K, BODY, HIGH PRESSURE DIE CAST ALUMINIUM, CONTROL GEAR, CONSTANT CURRENT LED DRIVER	NORDLAND LIGHTING	NML 16LED-AREA
C	16A 3 PIN 250V INDUSTRIAL SURFACE TYPE SOCKET OUTLET IN BOX 83x119x50	CRABTREE	
D	16A 250V ONE LEVER ONE WAY SURFACE LIGHT SWITCH IN BOX 75x75x48	CRABTREE	

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS
APPROVED BY		Eskom Holdings SOC Ltd Reg No 2002/015527/30				
DATE 18/7/2017		WESKUSFLEUR IBR CLAUDED STORE ELECTRICAL INSTALLATION LAYOUT				
CHECKED BY						
DATE 19/7/2017		Wkoe11P01-SE-D62				
DRAWN BY						
DATE 18/7/2017		SHEET NUMBER				
SCALE		REVISION				