



ELECTRICAL NOTES

- ALL CONDUIT TO BE SURFACE MOUNTED
- NO CONDUIT TO BE RUN ON EXTERNAL WALLS
- NO BENDS ALLOWED ON VERTICAL CONDUIT RUNS
- ALL WIRING MUST CONFORM WITH THE CODE OF PRACTICE FOR THE WIRING OF PREMISES, SANS 10142-1, THE OCCUPATIONAL HEALTH AND SAFETY (OHS) ACT, AND ANY AMENDMENTS THERETO
- SUGGESTED SUPPLIER OF LIGHTING FITTINGS
FREDCO AGENCIES DURBAN, TEL: 031-3096411
- BOND ALL SLAB REINFORCEMENTS TO EARTH BAR
- BOND ALL TRENCH KERBING TO EARTH BAR
- BOND DOOR FRAMES TO EARTH BAR AND PROVIDE 35mm FLEXIBLE TAILS TO ALL DOOR LEAFS
- BULK HEADS Ⓟ SHALL BE SWITCHED BY DAYLIGHT SWITCH VIA CONTACTOR IN DB
- YARD LIGHTS SHALL BE SWITCHED BY SWITCH AT DOOR VIA CONTACTOR IN DB


ELECTRICAL LEGEND




16A SINGLE POLE WALL SWITCH
MOUNTED 1350mm ABOVE FFL




AC/DC DYNAMICS TYPE G-100 30M ELECTRO-
MECHANICAL TIME SWITCH, MOUNTED INSIDE A
100x50 FLUSH MOUNTER BOX 1350mm ABOVE FFL




10A DAYLIGHT SWITCH




16A SWITCHED SOCKET OUTLET
MOUNTED 1350mm ABOVE FFL




1.5m - 2 TUBE COMMERCIAL OPEN TYPE
SWITCH START FLUORESCENT FITTING
AS F-GM 258 OPEN CHANNEL




70W HPS BULKHEAD FITTING WITH CAST
ALUMINIUM BASE AND POLYCARBONATE
DIFFUSER AS MOUNTED ON WALL UNDER
AWNING AS BEKA NOVA GM 70 HPS




BULKHEAD FITTING-ALUMINIUM BASE AND
POLYCARBONATE DIFFUSER EQUIPED WITH
TL20 CONVERTER (BY COSINE DEVELOPMENTS)
AND 20W 4 PIN FLUORESCENT PL LAMP
CAT No UNILUX 76160-110V
FREDCO AGENCIES 031-309 6411




SURFACE MOUNTED AC DISTRIBUTION BOARD
(SUPPLIED BY ESKOM)



SURFACE MOUNTED DC DISTRIBUTION BOARD
(SUPPLIED BY ESKOM)

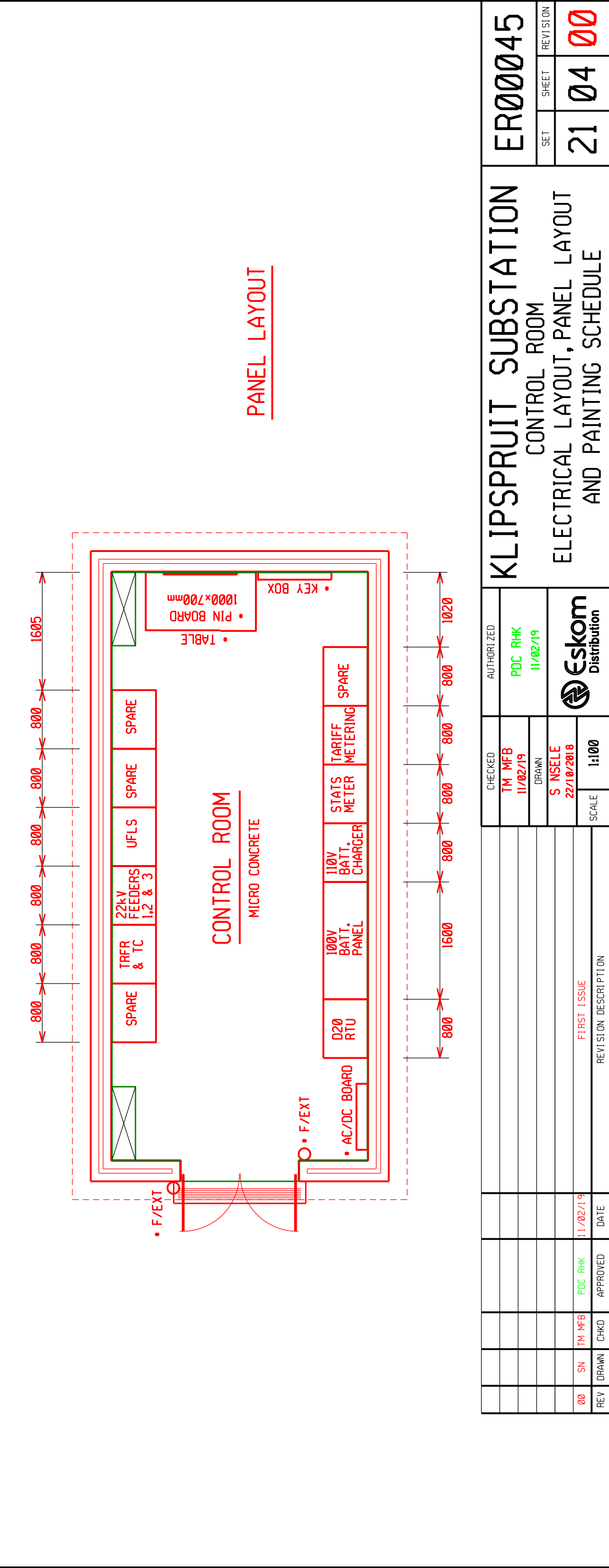
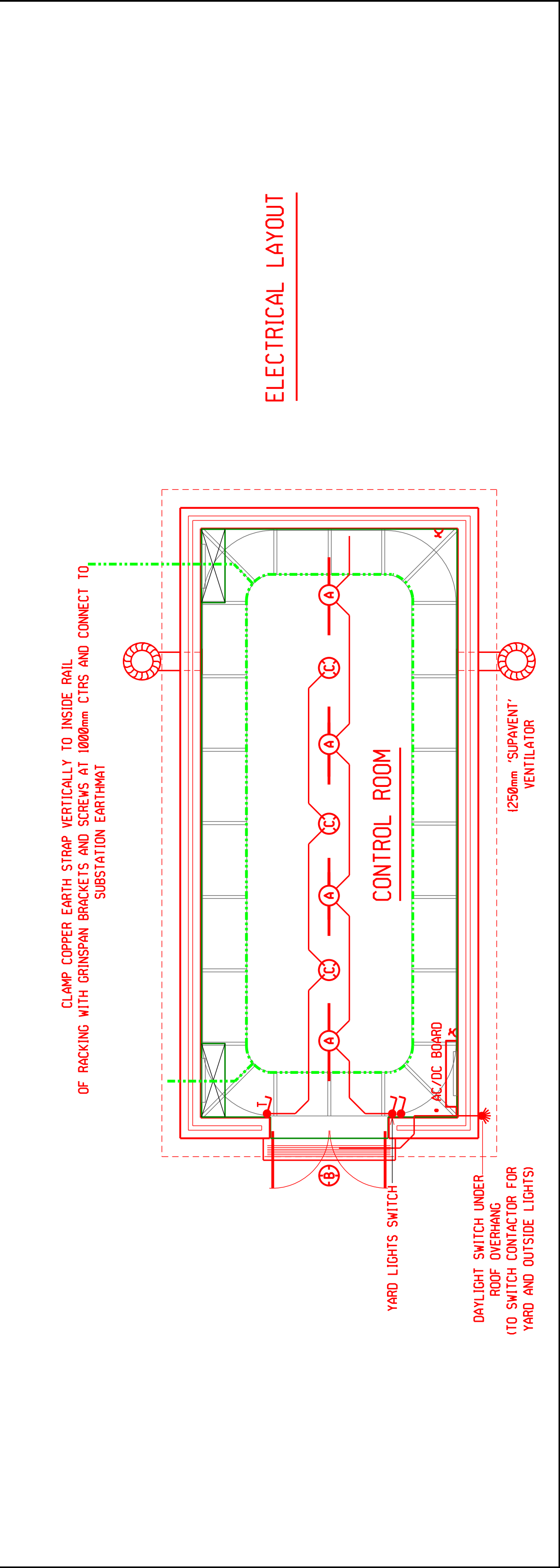


50x3mm FLAT COPPER BAR CONNECTED
TO EARTH MAT AND FIXED TO RACKING
IN CABLE TRENCHES AS SHOWN
(INSTALLED WITH YARD EARTHING)



1250mm 'SUPAVENT' VENTILATOR

DESCRIPTION	PREPARATION	FINISHING COAT
FIBRE CEMENT FASCIA AND BARGEBOARDS	NIL	NIL
DOORS - GALVANISED IRON	NIL	NIL
WALLS - INTERNAL PLASTERED	CLEAN OFF - APPLY X-345 'TIMESAVER' UNDERCOAT AND FILL	2 COATS 'WALL AND ALL'- WHITE WAA 1
CEILING-CONCRETE	CLEAN OFF - APPLY X-345 'TIMESAVER' UNDERCOAT AND FILL	2 COATS 'PLASCON POLVIN' - WHITE PVA
CONTROL ROOM FLOOR - MICRO CONCRETE TOPPING	WASH CLEAN AND DRY	3 COATS HIGH DURABLE EPOXY FLOOR PAINT - GREY
FLOOR FINISH: WOOD FLOATED INITIALLY, THEN SMOOTHED OFF WITH A STEEL TROWEL TO FINAL FINISH FLOORS ARE TO BE GIVEN 7 DAYS TO CURE PRIOR TO PAINTING		



KLIPSPRUIT SUBSTATION		ER00045	
CONTROL ROOM		SET	SHEET
ELECTRICAL LAYOUT, PANEL LAYOUT		21	04
AND PAINTING SCHEDULE			00
CHECKED TM MFB 11/02/19		AUTHORIZED PDC RHK 11/02/19	
DRAWN S NSELE 22/10/2018		ESKOM Distribution	
FIRST ISSUE 22/10/2018		SCALE 1:100	
REV	SN	TM MFB	PDC RHK
DRAWN	CHKD	APPROVED	DATE
REVISION DESCRIPTION			