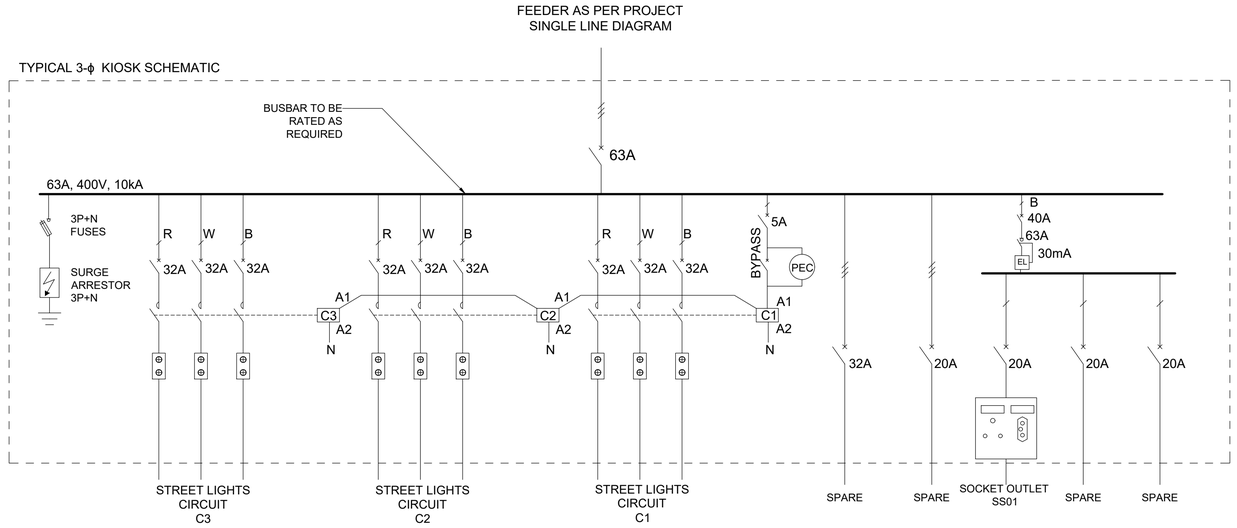
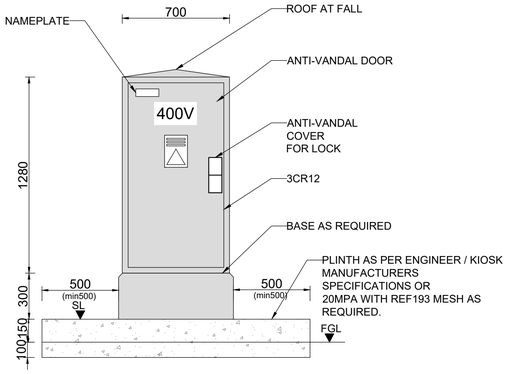


TYPICAL ANTI-VANDAL KIOSK SCHEMATIC

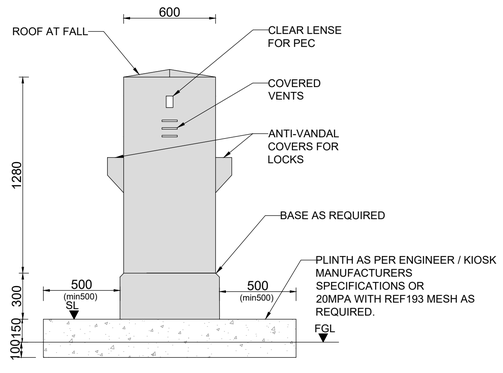
LEGEND	
SYMBOL	**DESCRIPTION**
	TRANSFORMER
	3- PHASE CIRCUIT BREAKER
	SURGE ARRESTOR
	SINGLE PHASE CIRCUIT BREAKER
	FUSE
30mA EL	30mA EARTH LEAKAGE UNIT
A1 C1 A2 N	3P 32A AC1 CONTACTOR WITH 230V COIL
PEC	10 Amp PHOTO CELL WITH 7-PIN BASE
	60A CONNECTOR BLOCK

DRAWING NOTES:

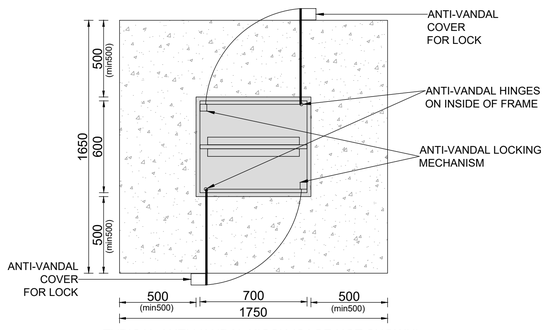
1. ALL EQUIPMENT TO BE APPROVED BY ENGINEER PRIOR TO PURCHASE.
2. FULL INSTALLATION TO COMPLY WITH RELEVANT SANS CODES.
3. SOCKET OUTLET TO COMPLY WITH SANS 164-1 & -2.
4. ENCLOSURE DOORS ARE NOT TO FACE ROADSIDE.
5. DOORS TO BE MOUNTED AND RECESSED INWARD BY NO LESS THAN 3mm.



TYPICAL ANTI-VANDAL KIOSK (CAGE NOT SHOWN)
FRONT VIEW
(1:20)

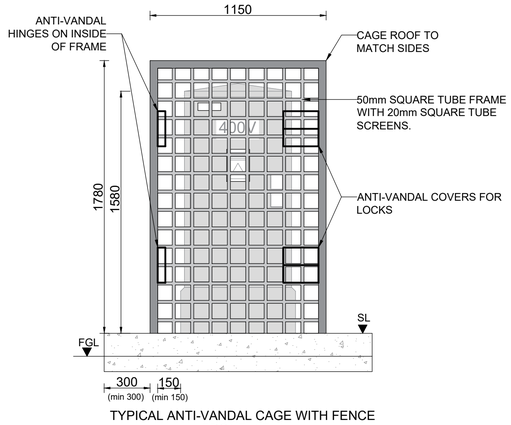


TYPICAL ANTI-VANDAL KIOSK (CAGE NOT SHOWN)
SIDE VIEW
(1:20)

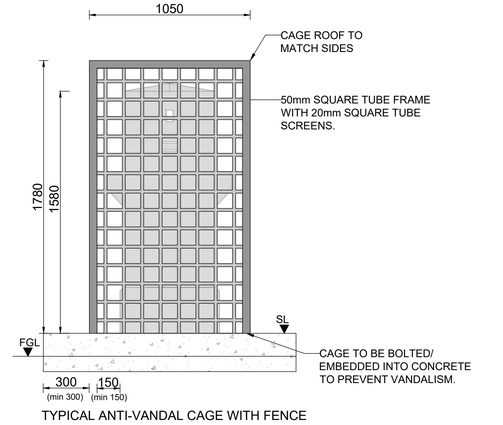


TYPICAL ANTI-VANDAL KIOSK (CAGE NOT SHOWN)
(EQUIPMENT LAYOUT)
TOP VIEW
(1:20)

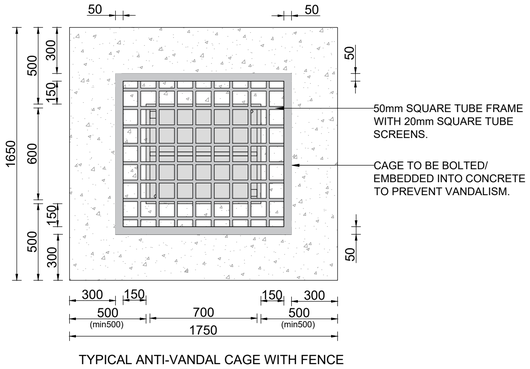
DISTRIBUTION BOARD INFORMATION			
BOARD NO. : TYPICAL ANTI-VANDAL KIOSK			
(TYPE) CONSTRUCTION		MAX. DIMENSIONS	
RECESSED		HEIGHT (mm)	1280
SEMI-RECESSED		WIDTH(mm)	700
SURFACE		DEPTH (mm)	600
WALL MOUNTED		PLINTH	410
FLOOR STANDING	X	IP RATING	IP65
DOORS	X		
LOCKABLE DOORS	X	MATERIAL	
CUPBOARD		ZINTEC STEEL	
SPARE SPACE	30%	FIBRE GLASS	
PLINTH	X	3mm 3CR12 POWDER COATED	X
SERVICE ACCESS		COLOUR	
FRONT		OUTER COVER	RAL 6005
REAR	X	INNER FRAME	WHITE
SIDES	X	INNER COVER	WHITE
INCOMER		OUTGOING	
TOP ENTRY		TOP ENTRY	
BOTTOM ENTRY		BOTTOM ENTRY	
SIDE ENTRY	X	SIDE ENTRY	X
SECURITY CAGE			
SERVICE ACCESS		FRAME MATERIAL	
FRONT	X	GALVANIZED STEEL EPOXY COATED	X
REAR	X	FENCE	
LOCKS		DIAMOND RAZOR MESH	
ELECTRONIC LOCKS		ANTI-CUT & ANTI-CLIMB	
PAD LOCKABLE (KEYED ALIKE)	X	COLOUR	RAL 6005



TYPICAL ANTI-VANDAL CAGE WITH FENCE
FRONT VIEW
(1:20)



TYPICAL ANTI-VANDAL CAGE WITH FENCE
SIDE VIEW
(1:20)



TYPICAL ANTI-VANDAL CAGE WITH FENCE
TOP VIEW
(1:20)

No.	DATE	REVISION	APPROVED
V1	10-07-2020	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

COPYRIGHT: THIS DRAWING IS PROTECTED IN TERMS OF THE COPYRIGHT ACT No. 98 OF 1978 AND MAY NOT BE REPRODUCED WITHOUT THE PERMISSION IN WRITING FROM SANRAL.
CONDITIONS FOR USE: CONSULTANTS APPOINTED BY SANRAL SHALL INCORPORATE THE TYPICAL DETAILS HEREON INTO THEIR SPECIFIC DESIGN FOR WHICH THEY WILL ASSUME FULL PROFESSIONAL RESPONSIBILITY. THIS TYPICAL DRWING MAY NOT BE USED FOR TENDER PURPOSES.

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa
Tel: (012) 844 8000

EASTERN REGION
58 van Eck Place
Pietermaritzburg
3201

PO Box 100410
Scottsville
3209
Tel: (033) 392 8100

APPROVED

Date:

TYPICAL DRAWINGS - ELECTRICAL

ANTI-VANDAL KIOSK

SANRAL DOC No. (PDF)
-

SANRAL DOC No. (DWG)
-

SANRAL DRAWING No.
TD-E-P-1002-1-V1

TD-E-P-1002-1-V1