

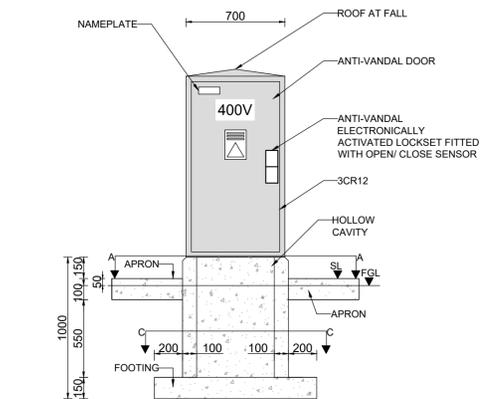
TYPICAL ANTI-VANDAL KIOSK SCHEMATIC

ELECTRONIC SECURITY SCHEDULE		
ITEM	DESCRIPTION	QUANTITY
1.	KIOSK	
1.1	ELECTRONICALLY ACTIVATED LOCKSET	2
1.2	VIBRATION SENSOR	1
1.3	OPEN/CLOSE SENSOR	2
1.4	OVERRIDE	1
1.5	STROBE	1
1.6	SIREN	1
2.	CAGE	
2.1	ELECTRONICALLY ACTIVATED LOCKSET	4
2.2	VIBRATION SENSOR	1
2.3	OPEN/CLOSE SENSOR	2
2.4	OVERRIDE	1

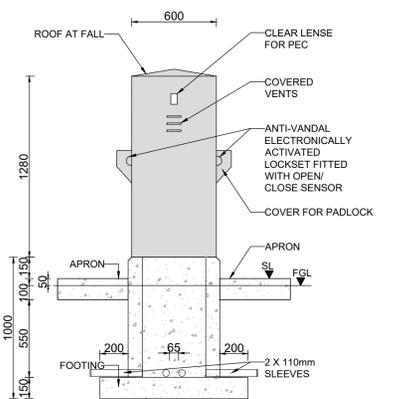
LEGEND	
SYMBOL	DESCRIPTION
	TRANSFORMER
	3- PHASE CIRCUIT BREAKER
	SURGE ARRESTOR
	SINGLE PHASE CIRCUIT BREAKER
	FUSE
	30mA EARTH LEAKAGE UNIT
	3P 32A AC1 CONTACTOR WITH 230V COIL
	10 Amp PHOTO CELL WITH 7-PIN BASE
	60A CONNECTOR BLOCK
	A1700 BILLING METER OR EQUIVALENT

EQUIPMENT INFORMATION		
TYPICAL ANTI-VANDAL KIOSK		
(TYPE) CONSTRUCTION	DIMENSIONS	
RECESSED	HEIGHT (mm)	1280
SEMI-RECESSED	WIDTH (mm)	600
SURFACE	LENGTH (mm)	700
WALL MOUNTED	PLINTH	300
FLOOR STANDING	IP RATING	IP65
DOORS		
LOCKABLE DOORS	MATERIAL	
CUPBOARD	ZINTEC STEEL	
SPARE SPACE	30%	FIBRE GLASS
PLINTH	3mm 3CR12	POWDER COATED
SERVICE ACCESS	COLOUR	
FRONT	OUTER COVER	RAL 6005
REAR	INNER FRAME	WHITE
SIDES	INNER COVER	WHITE
INCOMER	OUTGOING	
TOP ENTRY	TOP ENTRY	
BOTTOM ENTRY	BOTTOM ENTRY	
SIDE ENTRY	SIDE ENTRY	
SECURITY CAGE		
SERVICE ACCESS	FRAME MATERIAL	
FRONT	GALVANIZED STEEL EPOXY COATED	
REAR	FENCE	
LOCKS	DIAMOND RAZOR MESH	
ELECTRONIC LOCKS	ANTI-CUT & ANTI-CLIMB	
PAD LOCKABLE (KEYED ALIKE)	COLOUR	RAL 6005

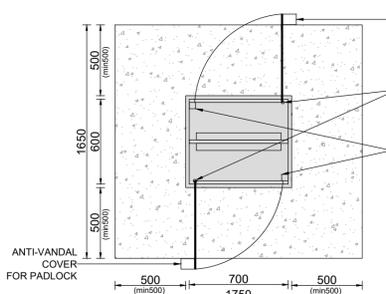
- DRAWING NOTES:
- THE KIOSK AND SECURITY CAGE IS TO HAVE THE FOLLOWING MINIMAL ELECTRONIC SECURITY HARDWARE AS PER SPECIFICATION:
    - OPTICAL OPEN/ CLOSE SENSORS FOR KIOSK DOORS AND CAGE GATES.
    - VIBRATION SENSOR FOR THE SENSING OF ANY TAMPERING ON THE CAGE & KIOSK.
    - STROBE LIGHT & SIREN.
  - ALL EQUIPMENT TO BE APPROVED BY ENGINEER PRIOR TO PURCHASE.
  - FULL INSTALLATION TO COMPLY WITH RELEVANT SANS CODES.
  - SOCKET OUTLET TO COMPLY WITH SANS 164-1 & -2
  - ALL AC ELECTRONIC EQUIPMENT TO ACCEPT OPERATING VOLTAGE RANGE OF 180-270V
  - ONLINE UPS TO BE SIZED ACCORDINGLY FOR MINIMUM 2-HOUR BACK-UP.
  - ENCLOSURE DOORS ARE NOT TO FACE ROADSIDE
  - DOORS TO BE MOUNTED AND RECESSED INWARD BY NO LESS THAN 3mm.
  - KIOSK AND CAGE TO HAVE ELECTRONIC LOCKSET AND PADLOCK FOR ELECTRONIC FAILURE.



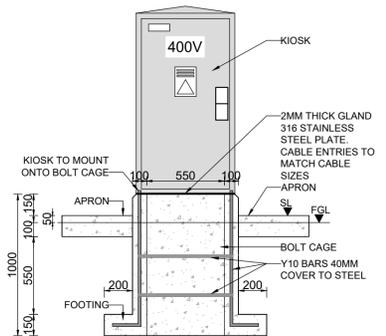
TYPICAL ANTI-VANDAL KIOSK (CAGE NOT SHOWN) FRONT VIEW (1:75)



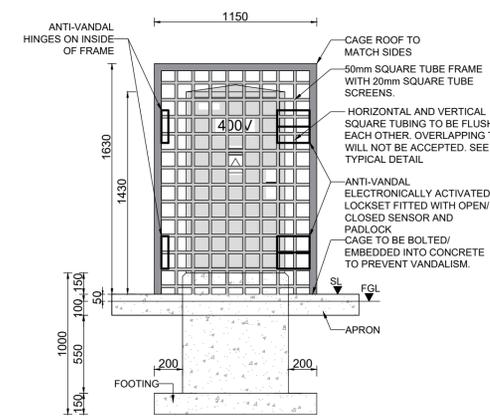
TYPICAL ANTI-VANDAL KIOSK (CAGE NOT SHOWN) SIDE VIEW (1:75)



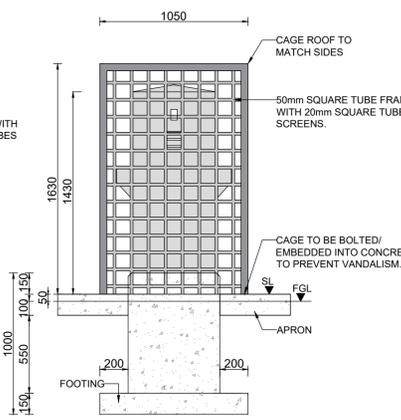
TYPICAL ANTI-VANDAL KIOSK (CAGE NOT SHOWN) (EQUIPMENT LAYOUT) TOP VIEW (1:75)



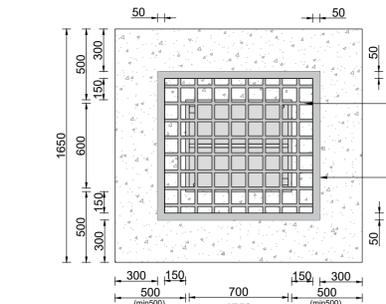
SECTION B-B FRONT VIEW (1:75)



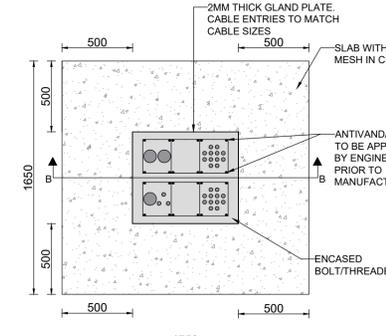
TYPICAL ANTI-VANDAL CAGE WITH FENCE FRONT VIEW (1:75)



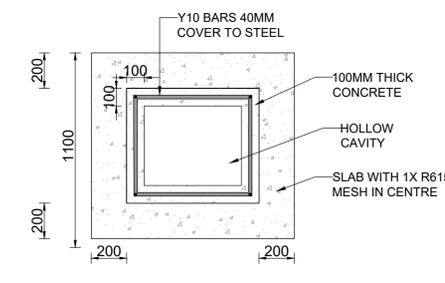
TYPICAL ANTI-VANDAL CAGE WITH FENCE SIDE VIEW (1:75)



TYPICAL ANTI-VANDAL CAGE WITH FENCE TOP VIEW (1:75)



SECTION A-A TOP VIEW (1:75)



SECTION C-C TOP VIEW (1:75)



TYPICAL CAGE DETAIL

No.	DATE	REVISION	APPROVED
V1	28-04-2023	UPDATE	Z.M
V1	20-07-2018	ORIGINAL VERSION	Z.M

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APPROVED  
 Date:

**TYPICAL DRAWINGS - ELECTRICAL**  
**ANTI-VANDAL KIOSK WITH ELECTRONIC SECURITY**

SANRAL DOC No. (PDF)	-
SANRAL DOC No. (DWG)	-
SANRAL DRAWING No.	TD-E-P-1003-1-V1

TD-E-P-1003-1-V1