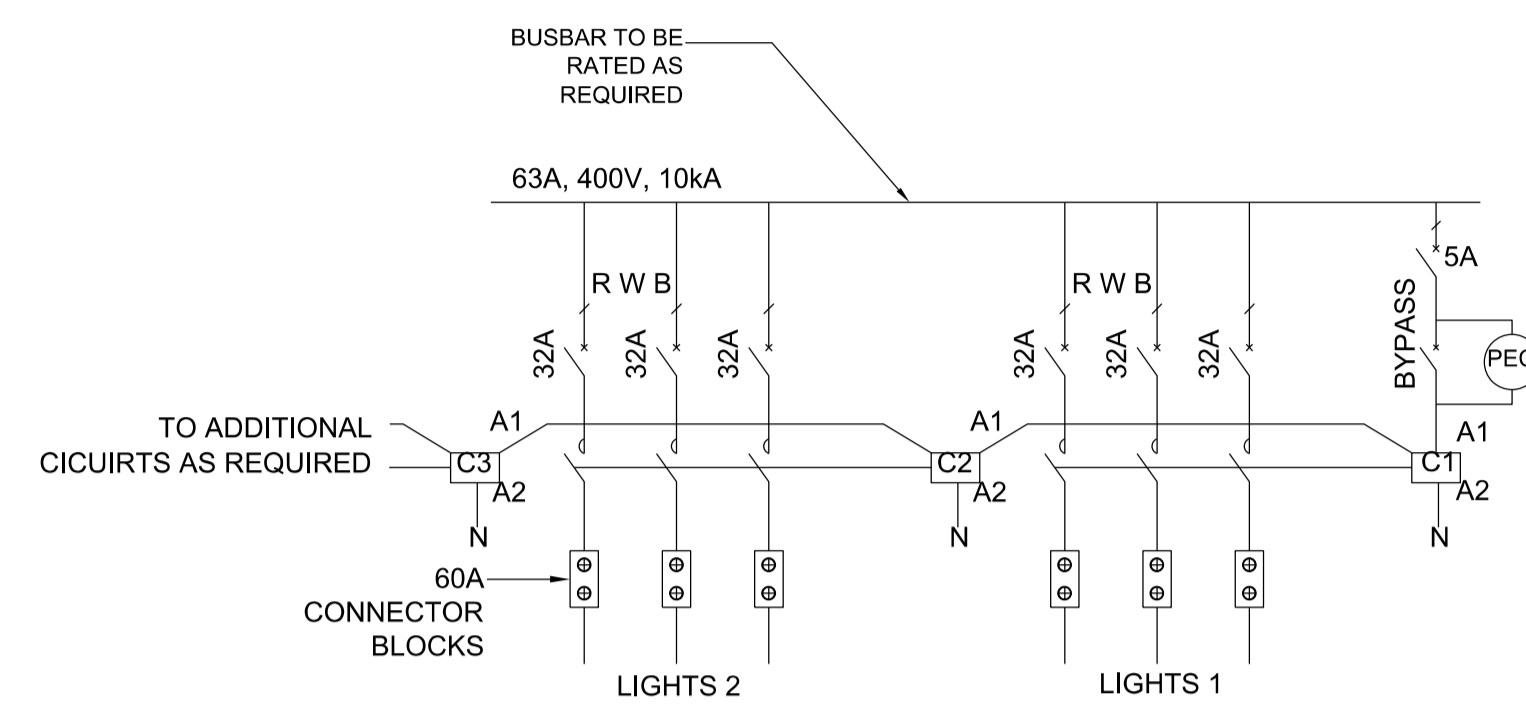


TYPICAL SINGLE LINE DIAGRAM SCHEMATIC

LABEL	DB-A	L1	L2	EL1
CONDUCTOR SIZE (mm <sup>2</sup> )	10mm <sup>2</sup>			6mm <sup>2</sup>
EARTH WIRE SIZE (mm <sup>2</sup> )	6mm <sup>2</sup>			4mm <sup>2</sup>
CONDUIT/SLEEVE SIZE (mm)				
EQUIPMENT	BREAKER			BREAKER

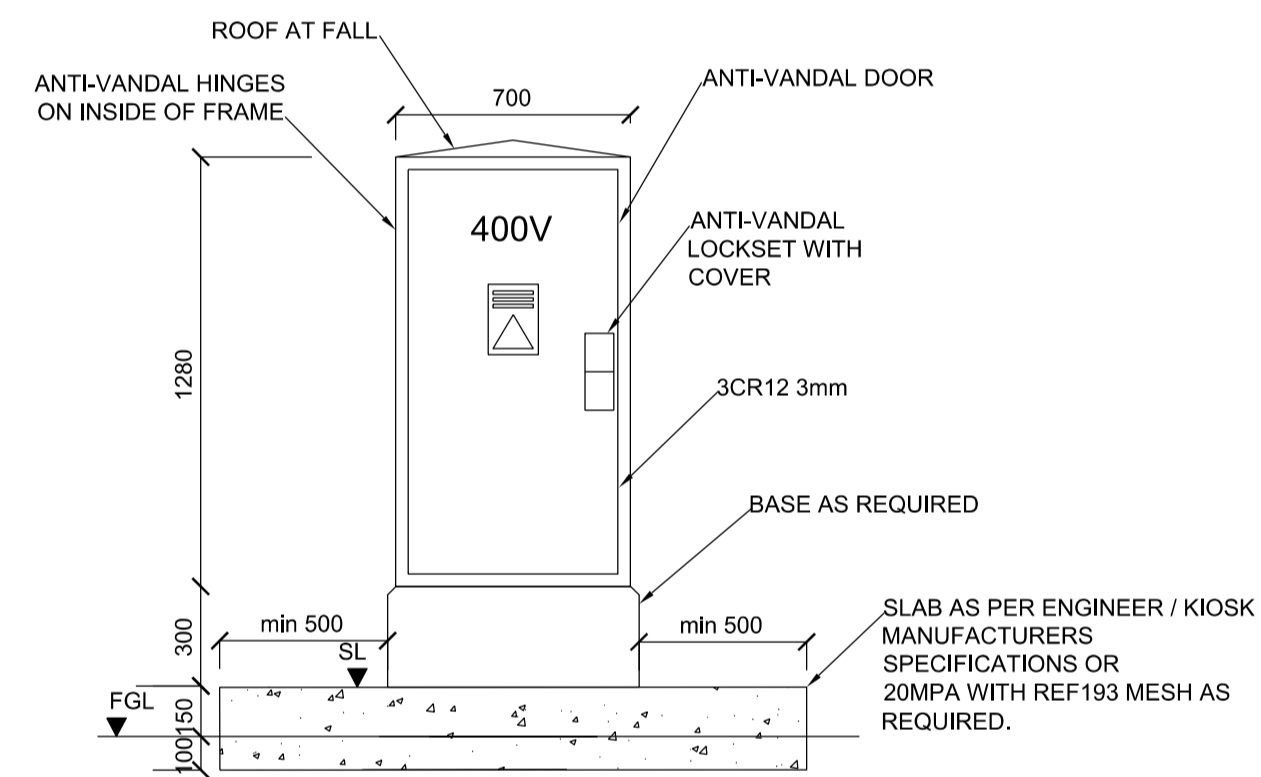


DETAIL A SCHEMATIC - PEC IN KIOSK (FOR CENTRALIZED CONTROL)

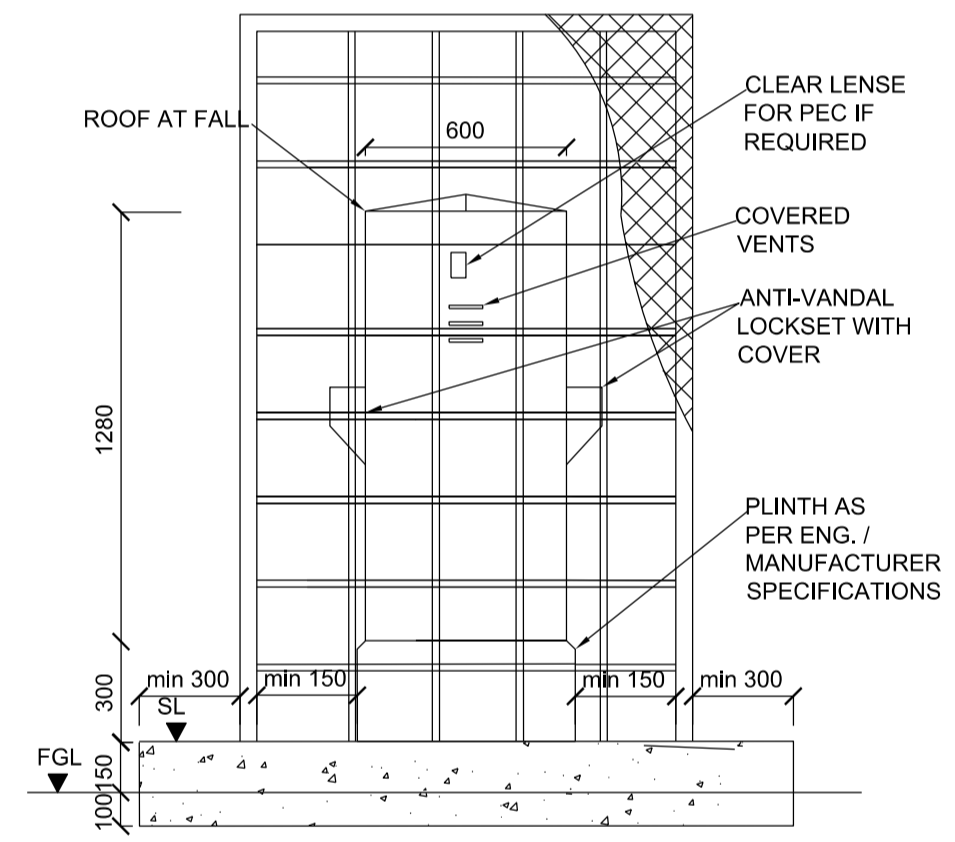
LEGEND	
SYMBOL	DESCRIPTION
	TRANSFORMER
	3-PHASE CIRCUIT BREAKER
	SURGE ARRESTOR
	SINGLE PHASE CIRCUIT BREAKER
	FUSE
	30mA EARTH LEAKAGE UNIT
	3P 32A AC1 CONTACTOR WITH 230V COIL
	10 Amp PHOTO CELL WITH 7-PIN BASE

- NOTES:
- 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

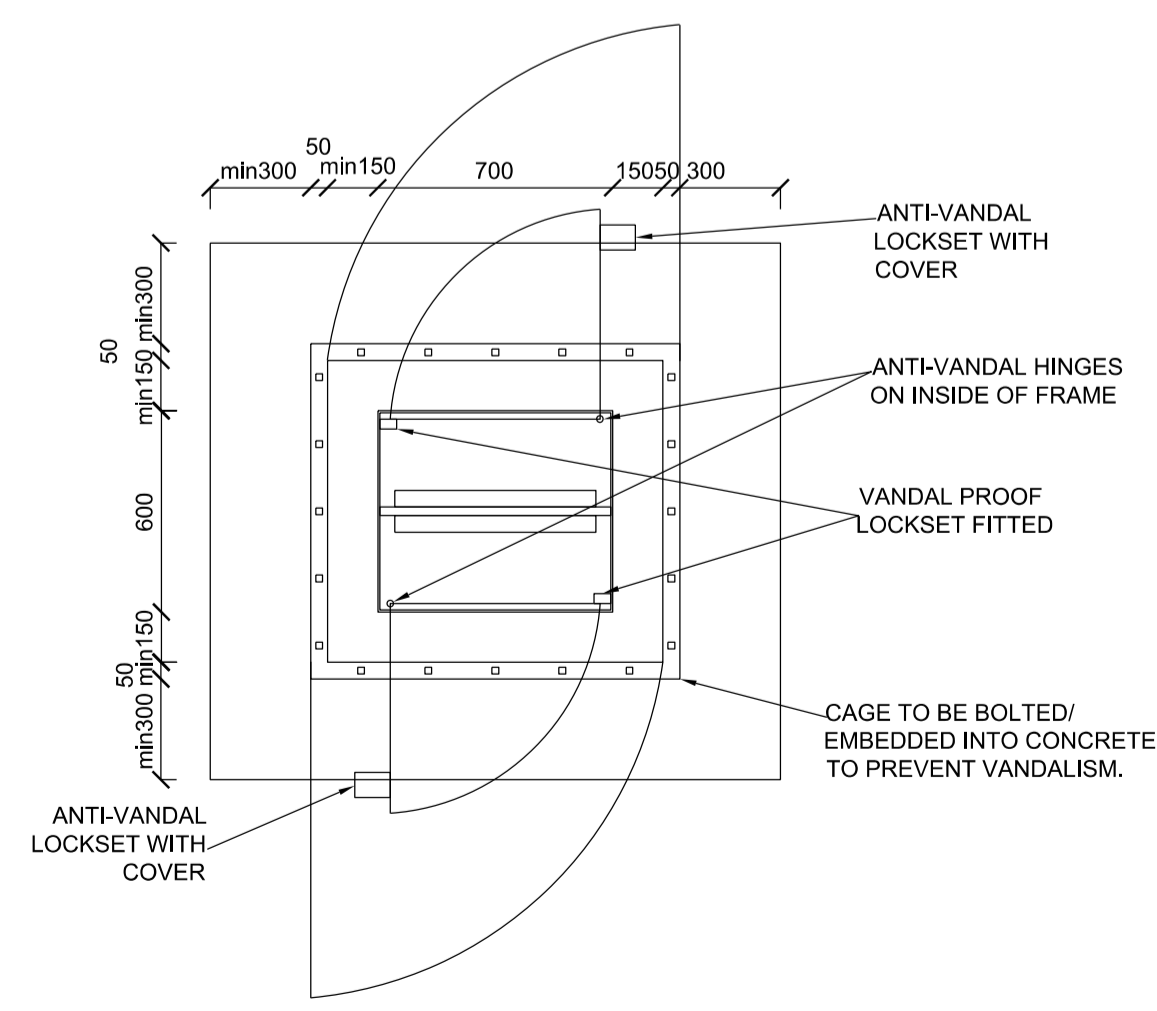
- KEY NOTES:
- Site light feeder circuit breakers to be 3 x single phase circuit breakers
  - 32 Amp Contactor circuit with PEC to be installed if required for centralized control (See Detail A).



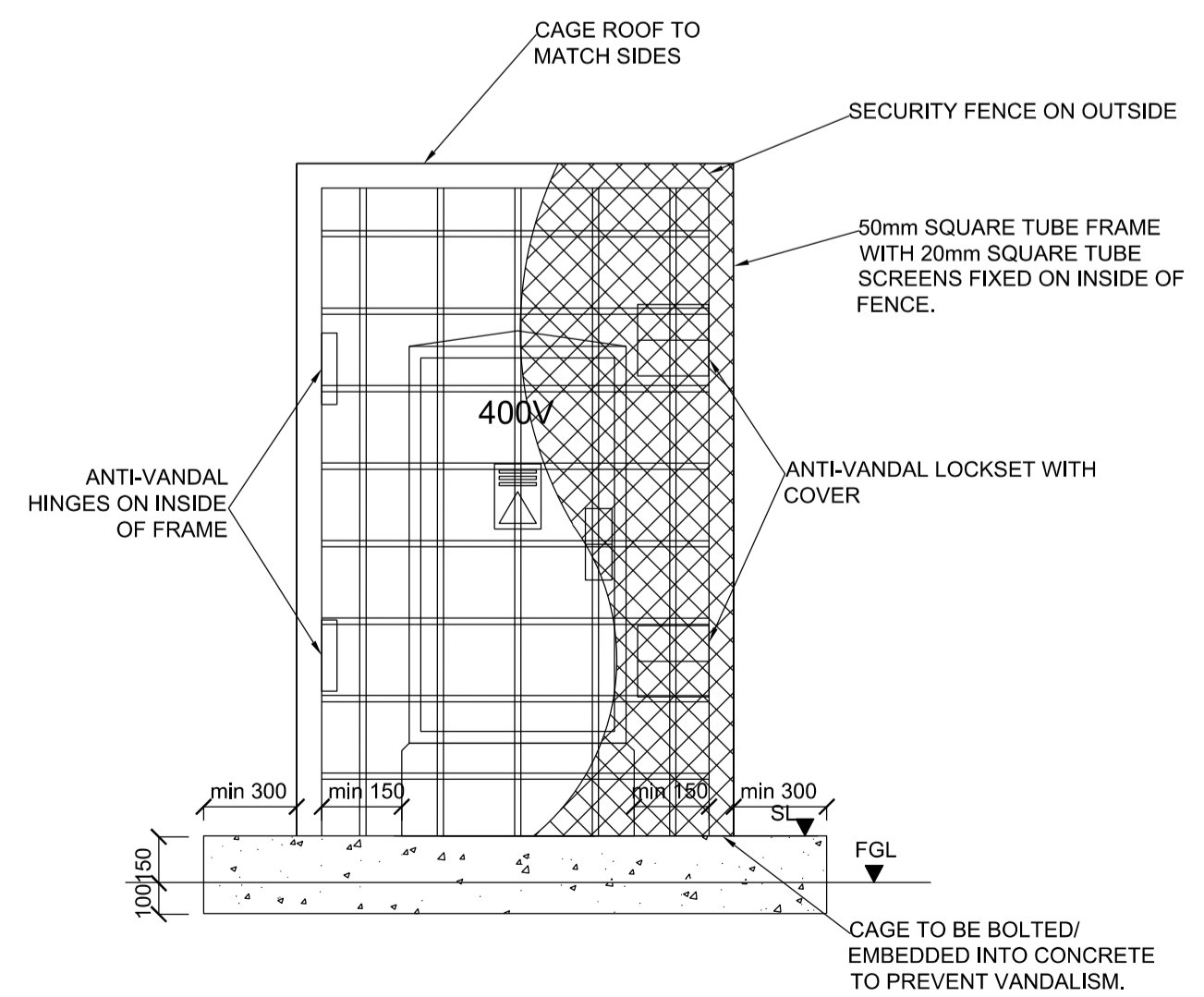
TYPICAL ANTI-VANDAL KIOSK (CAGE NOT SHOWN) FRONT VIEW (NTS)



TYPICAL ANTI-VANDAL KIOSK IN CAGE SIDE VIEW (NTS)



TYPICAL ANTI-VANDAL KIOSK EQUIPMENT LAYOUT (NTS)



TYPICAL ANTI-VANDAL CAGE FRONT VIEW (NTS)

IF IN DOUBT ASK REVISION INFORMATION

No.	DATE	DESCRIPTION	BY
E1	2023-03-20	ISSUED FOR DETAIL DESIGN	MB
F1	2023-09-19	ISSUED FOR TENDER DESIGN	MB

CLIENT

Housing Development Agency  
BLOCK 6, MILLENIUM BUILDING  
89 BICCARD STREET  
POLKOVINE  
LIMPOPO

CONSULTANT

AMCE  
20 SAVANNA AVE.  
MIDRAND  
1685  
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TELE : 011 312 1599

PROJECT DESCRIPTION  
**BURGERSFORT EXT 54, EXT 58, EXT 71 & 72**

DISCIPLINE  
**ELECTRICAL DEPARTMENT**

DRAWING DESCRIPTION  
**KIOSK SINGLE LINE DIAGRAM SIMULATION LAYOUT**

DRAWN BY:	SIGNATURE AND DATE:
M BOOI	
Pr Tech Eng: 2020600443	
REVIEWED BY: <th>SIGNATURE AND DATE:</th>	SIGNATURE AND DATE:
A SKOSANA	
Pr Tech: 2020600443	
APPROVED BY: <th>SIGNATURE AND DATE:</th>	SIGNATURE AND DATE:
L CELE	
Pr Eng: 20080347	
PROJECT NO	DATE
1121	

DRAWING NO  
**NT05-22-1121-402-004**

SCALE	SHEET SIZE	REVISION
AS SHOWN	A1	F1