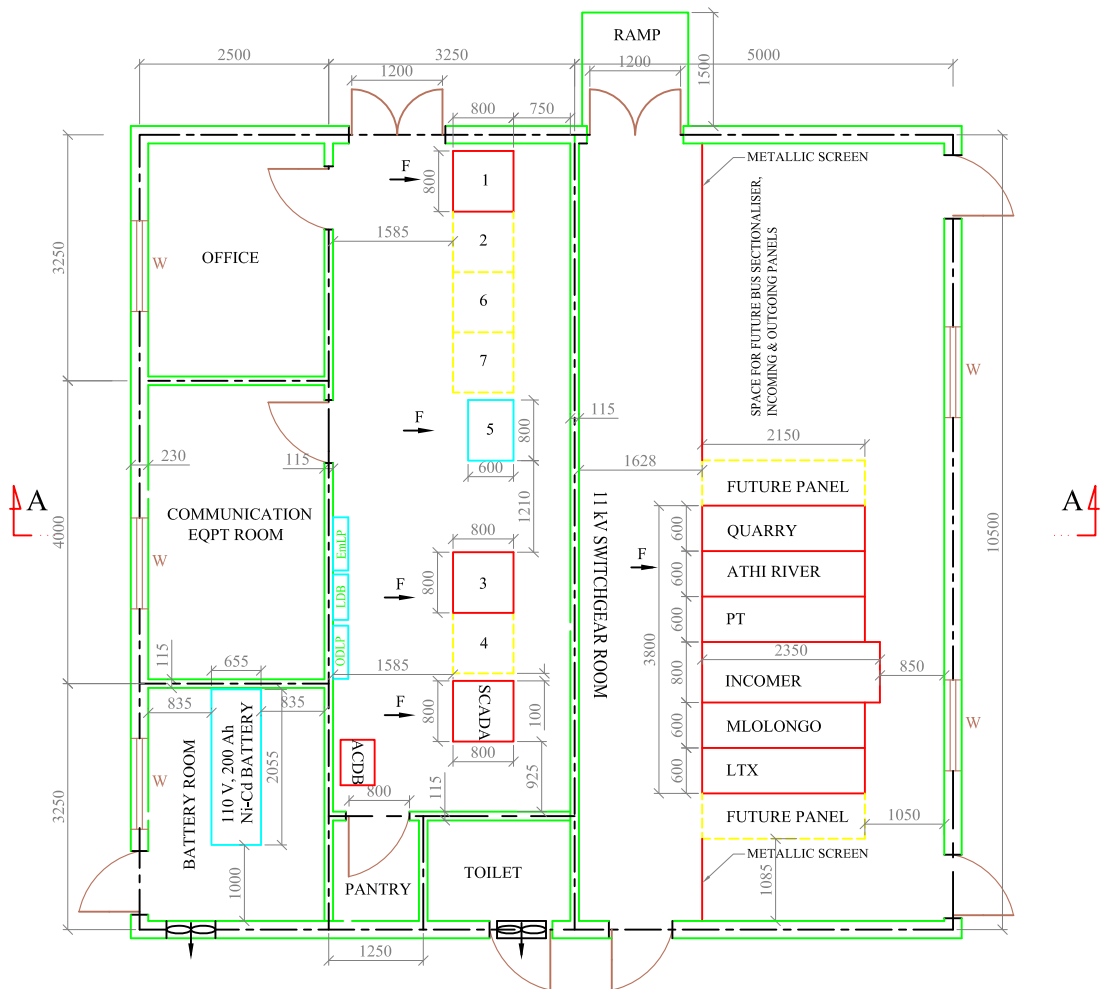


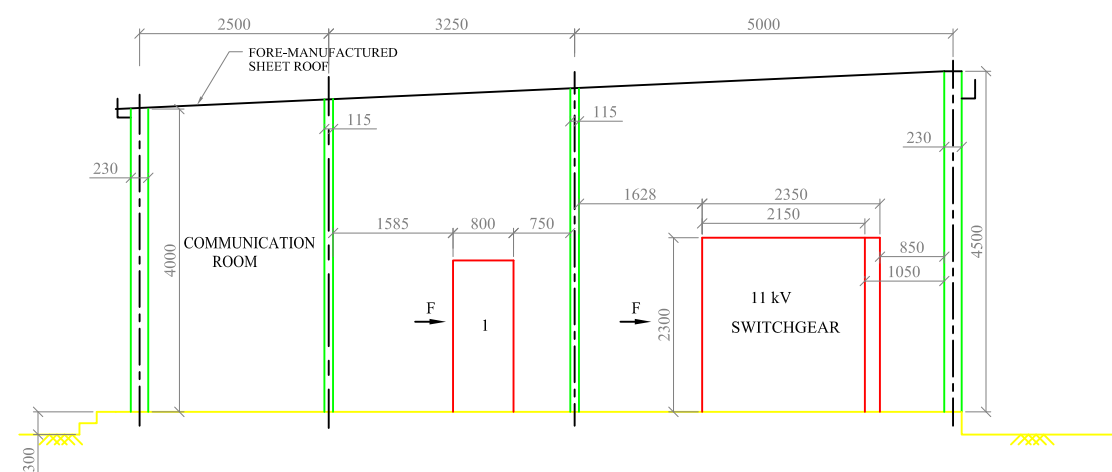
**LOCATION PLAN**  
(SCALE 1 : 100)



**PLAN**  
(SCALE 1 : 50)

- LEGEND FOR PANELS**
- 1 - 23 MVA, 66/11 kV TRANSFO. #1 CONTROL & RELAY PANEL
  - 2 - 23 MVA, 66/11 kV TRANSFO. #2 CONTROL & RELAY PANEL (FUTURE)
  - 3 - 23 MVA, 66/11 kV TRANSFO. #1 REMOTE TAP CHANGER CUBICLE
  - 4 - 23 MVA, 66/11 kV TRANSFO. #2 REMOTE TAP CHANGER CUBICLE (FUTURE)
  - 5 - 110 V BATTERY CHARGER + DCDB
  - 6 - 66 kV INCOMING LINE #1 CONTROL & RELAY PANEL (FUTURE)
  - 7 - 66 kV INCOMING LINE #2 CONTROL & RELAY PANEL (FUTURE)

- LDB - CONTROL ROOM LIGHTING DISTRIBUTION BOARD
- ODLP - OUTDOOR LIGHTING PANEL
- EmLP - EMERGRNCY LIGHTING PANEL



**SECTION A-A**  
(SCALE 1 : 50)

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- NOTES:**
1. DIMENSIONS OF ACDB ARE TENTATIVE. ACDB REQUIRES FRONT ACCESS ONLY.
  2. FOR INDOOR TRENCHES DETAILS, REFER INDOOR TRENCHES LAYOUT DRAWING.

**APPROVED**  
**Norconsult AS**

*Simon John Allen*

(3)-G71770-AF-N15 L 152 001	SWITCHYARD LAYOUT (PLAN)
DRG. NO.	REFERENCE DRAWING

CLIENT :		KENYA POWER AND LIGHTING CO. LTD.	
CONSULTANT :		NORCONSULT	
CONTRACTOR :		SIEMENS LTD., MUMBAI	
PROJECT :		SUPPLY AND INSTALLATION OF SUBSTATIONS, TRANSFORMERS LINES AND CABLES (IDA FINANCED COMPONENT) CONTRACT I	
SUBSTATION :		SYOKIMAU	
REVISER PER NORCONSULT'S COMMENTS	ET	PSL	24.09.09
REVISER PER NORCONSULT'S COMMENTS	ET	PSL	19.09.09
Original Issue	ET	PSL	24.08.09
DESCRIPTION	DRN	CHK	DATE
EQUIPMENT/MATERIAL : N. A.			
SUPPLIER : N. A.			
TITLE : INDOOR SUBSTATION EQUIPMENT LAYOUT			
DRAWING NO. :		SCALE	TOTAL SH
(3)-G71770-AF-N15 L166 001		1 : 100	1
			SH REV
			1 2