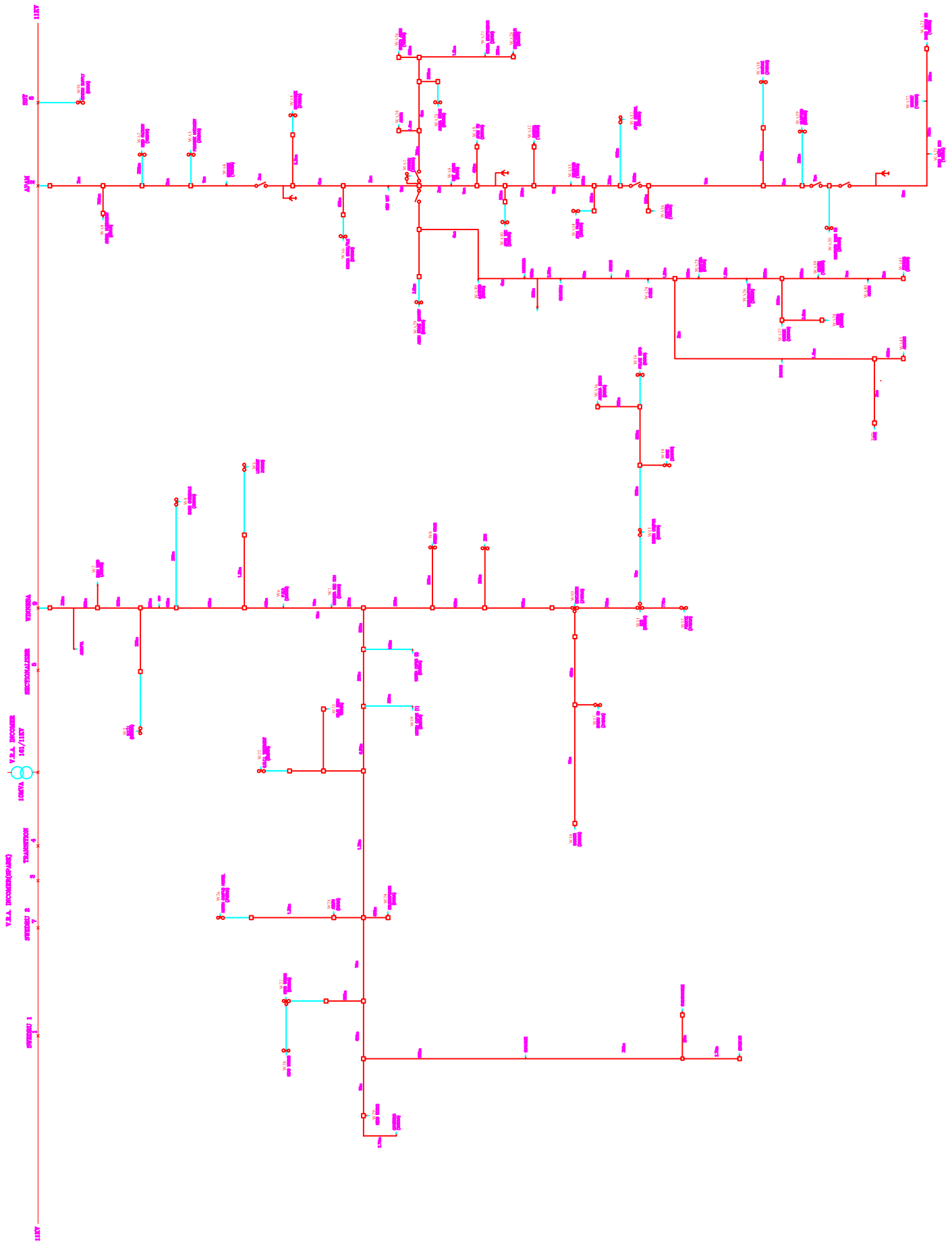


Single Line Diagram

Central

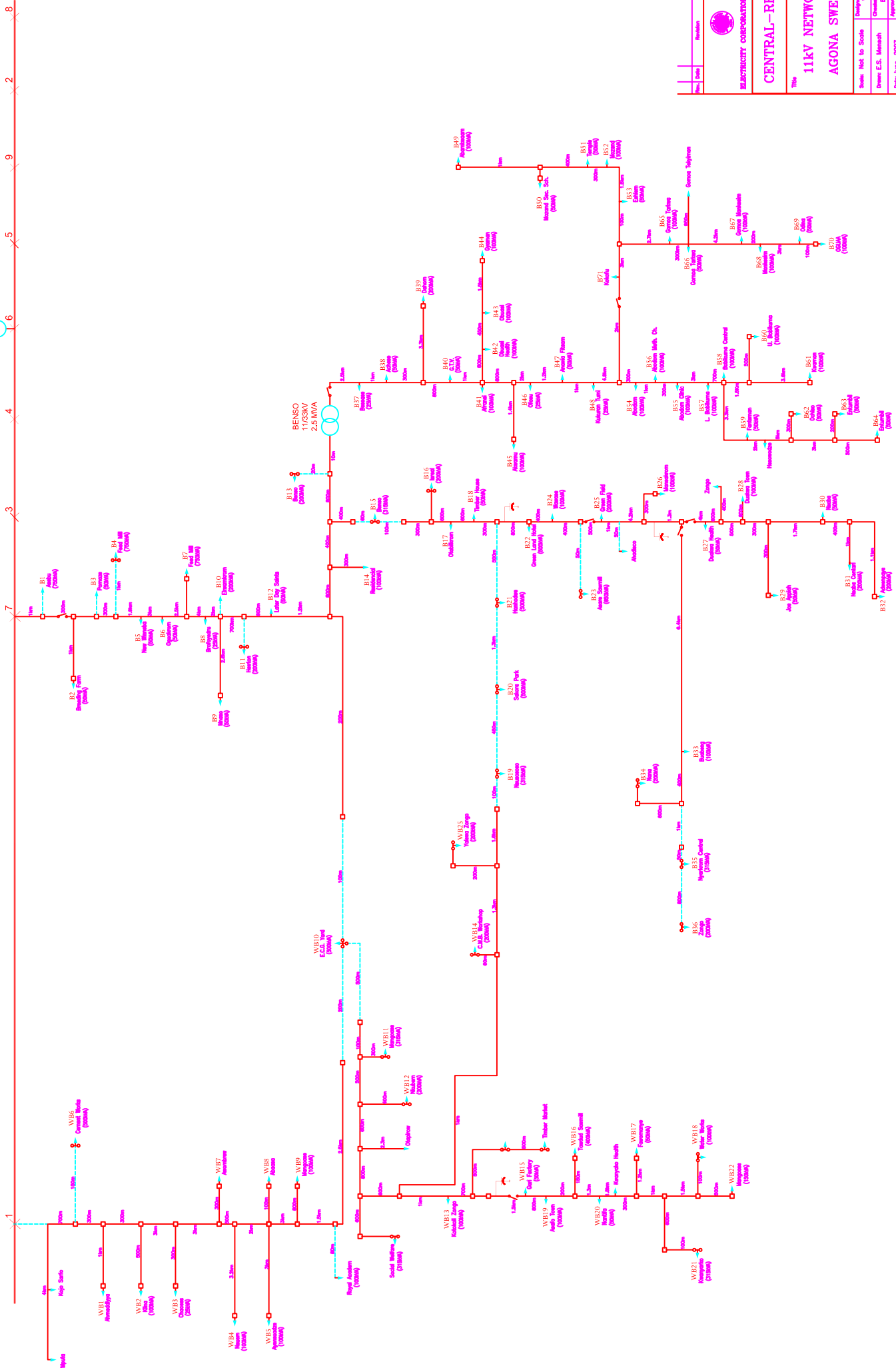


V.R.A. INCOMER

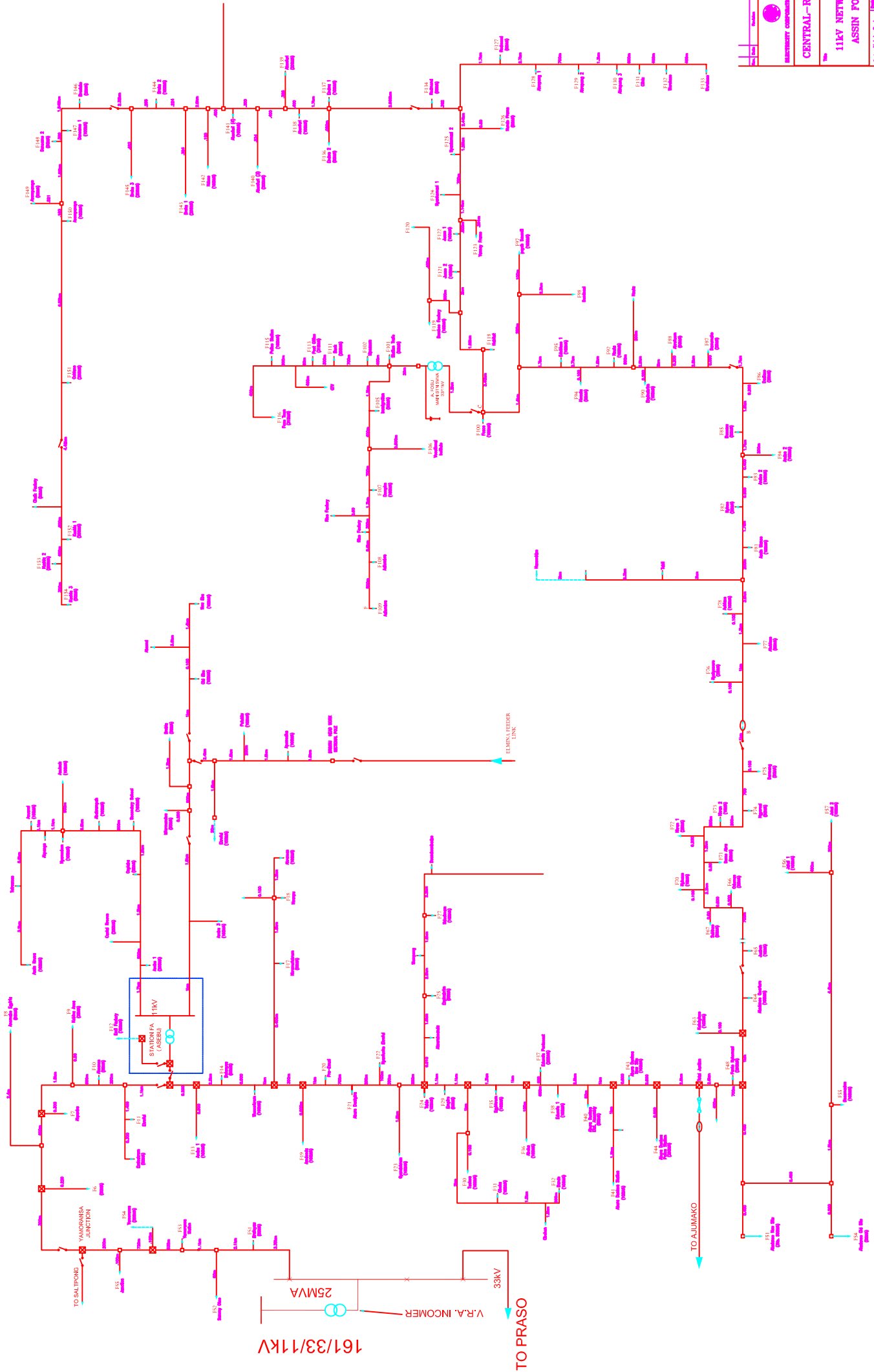
INCOMER (Spare)

SWEDRU 2

SWEDRU 1

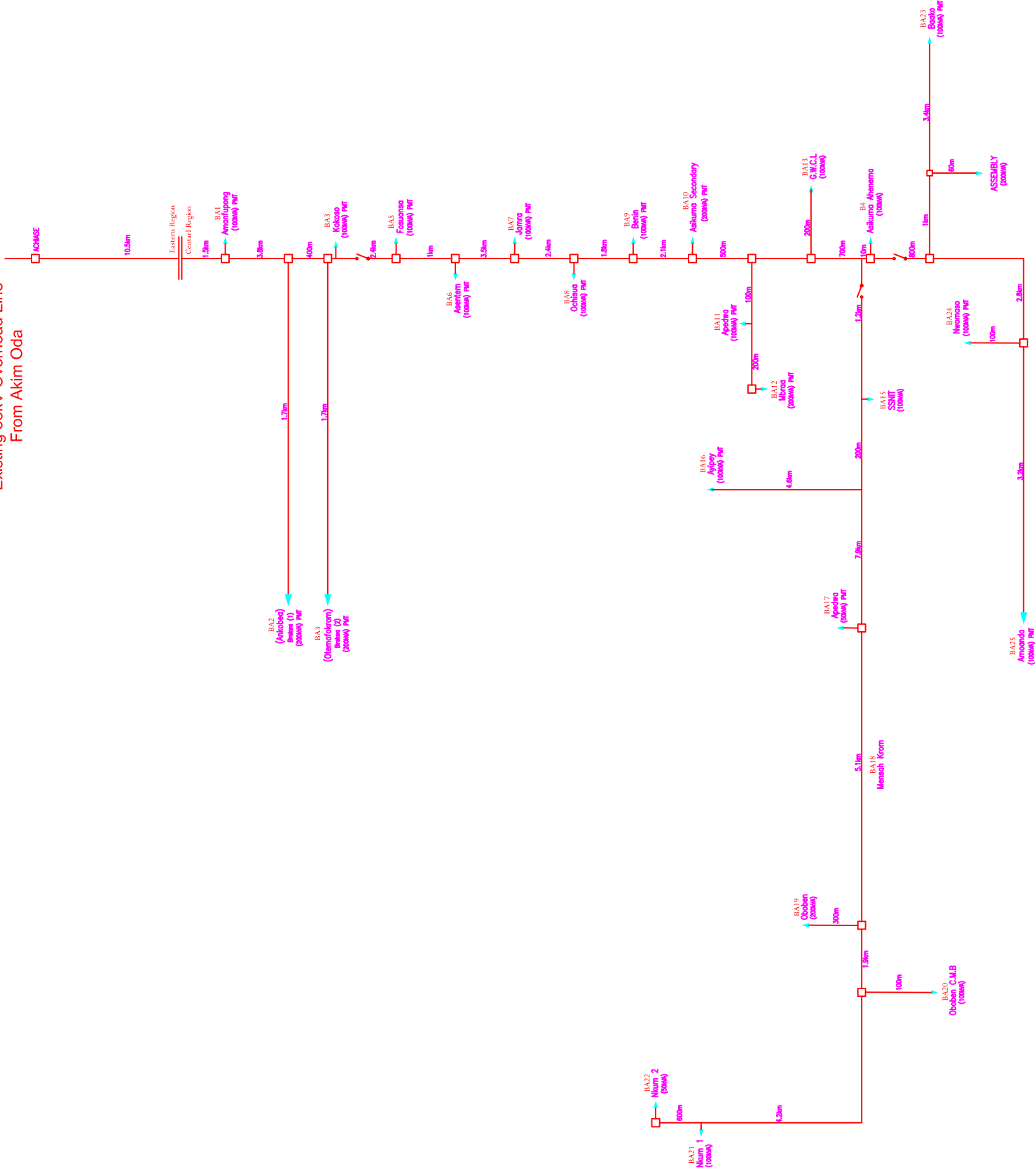


Rev	Date	Revision	Drawn	Checked
 ELECTRICITY CORPORATION OF GHANA				
CENTRAL-REGION				
11kV NETWORK				
AGONA SWEDRU				
Scale: Not to Scale				
Drawn: E.S. Mensah				
Checked: R. Agyemang				
Date: June, 2007				
Drawing No.: D.A. Jorjuga				
Rev:				

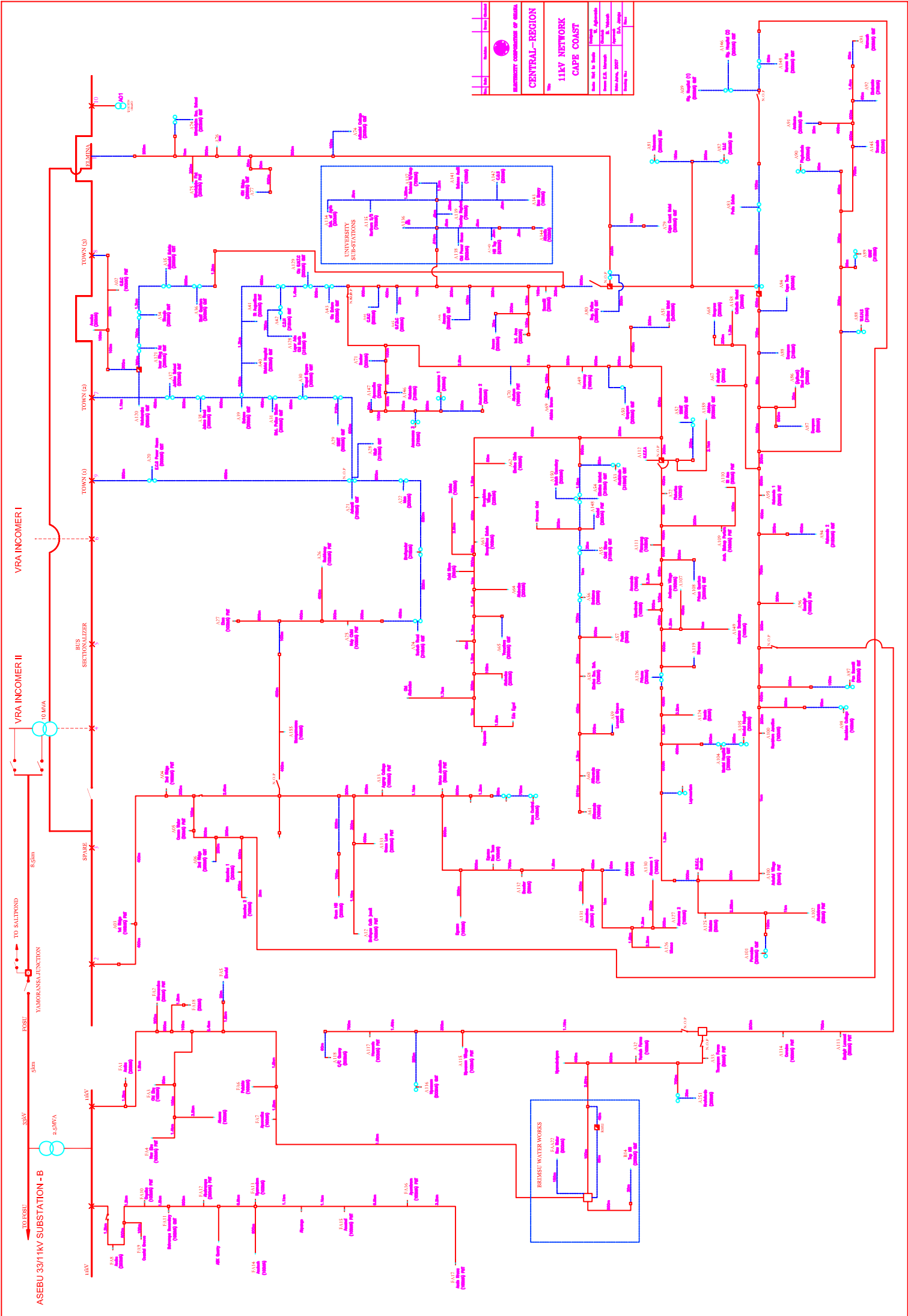


	ELECTRICITY CORPORATION OF GHANA CENTRAL-REGION 11KV NETWORK ASSIN POSU
Date: _____ Drawn By: _____ Checked By: _____ Approved By: _____ Date: _____	Project No.: _____ Revision No.: _____ Drawing No.: _____

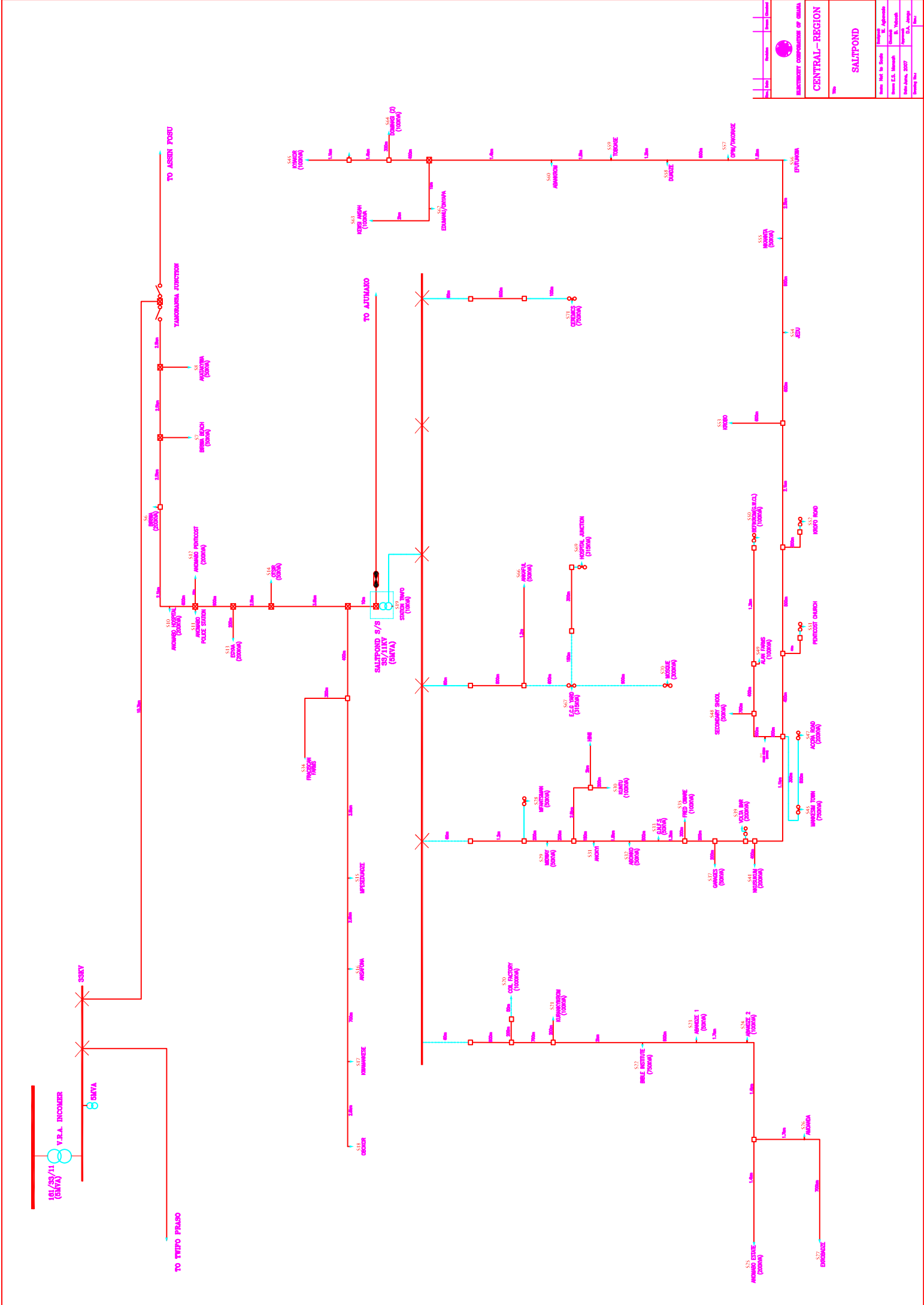
Existing 33kV Overhead Line From Akim Oda



Year	2017	2018	2019	2020	2021	2022
Project Name	33kV NETWORK BREMAN ASIKUMA					
Client	MINISTRY CORPORATION OF GHANA					
Region	CENTRAL-REGION					
Sub-Region	33kV NETWORK BREMAN ASIKUMA					
Design Lead	M/s. W. Aghorhede					
Design Engineer	Oswald E.S. Mawardi					
Design Checker	M/s. D.A. Jorgie					
Design Date	2022					
Design No.	33kV					



UNIVERSITY COMPANIES OF GHANA	
CENTRAL - REGION	
11kV NETWORK CAPE COAST	
Drawn By: M. A. Osei	Checked By: M. A. Osei
Drawn Date: 2022	Checked Date: 2022
Drawn No: 1000	Checked No: 1000
Drawn Date: 2022	Checked Date: 2022
Drawn No: 1000	Checked No: 1000



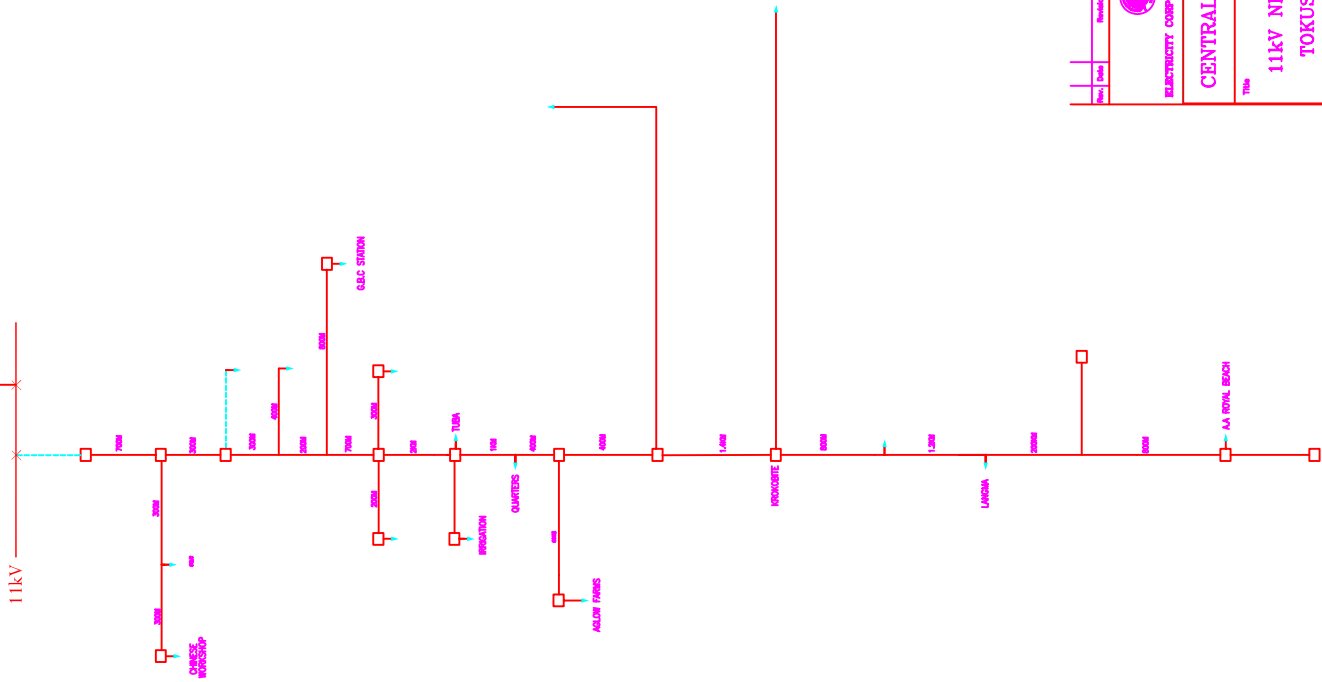
DATE	REVISION	BY	CHKD



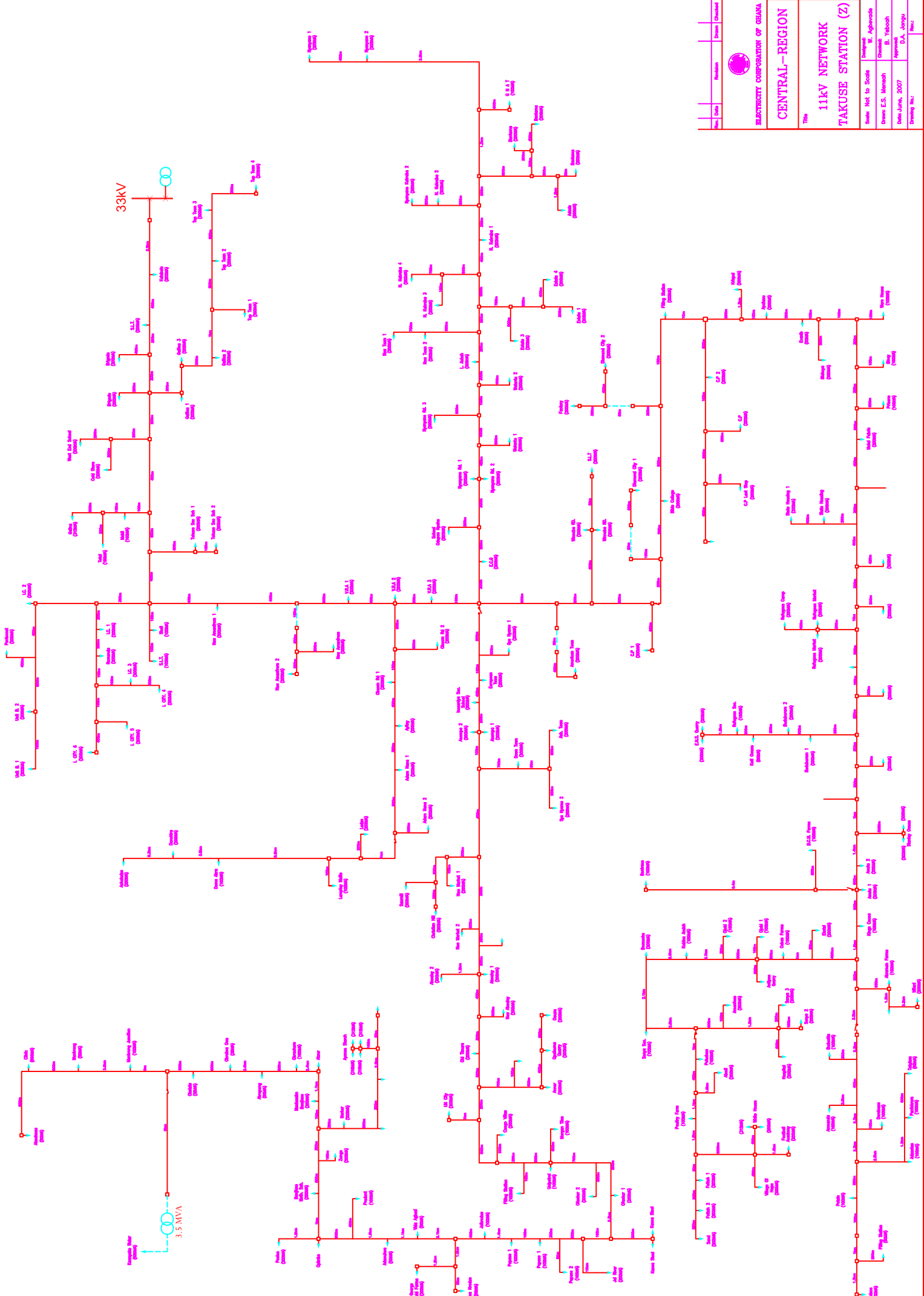
MINISTRY OF ENERGY OF GHANA
CENTRAL-REGION
SALTPOND

DATE	REVISION	BY	CHKD

TOKUSE (Z)



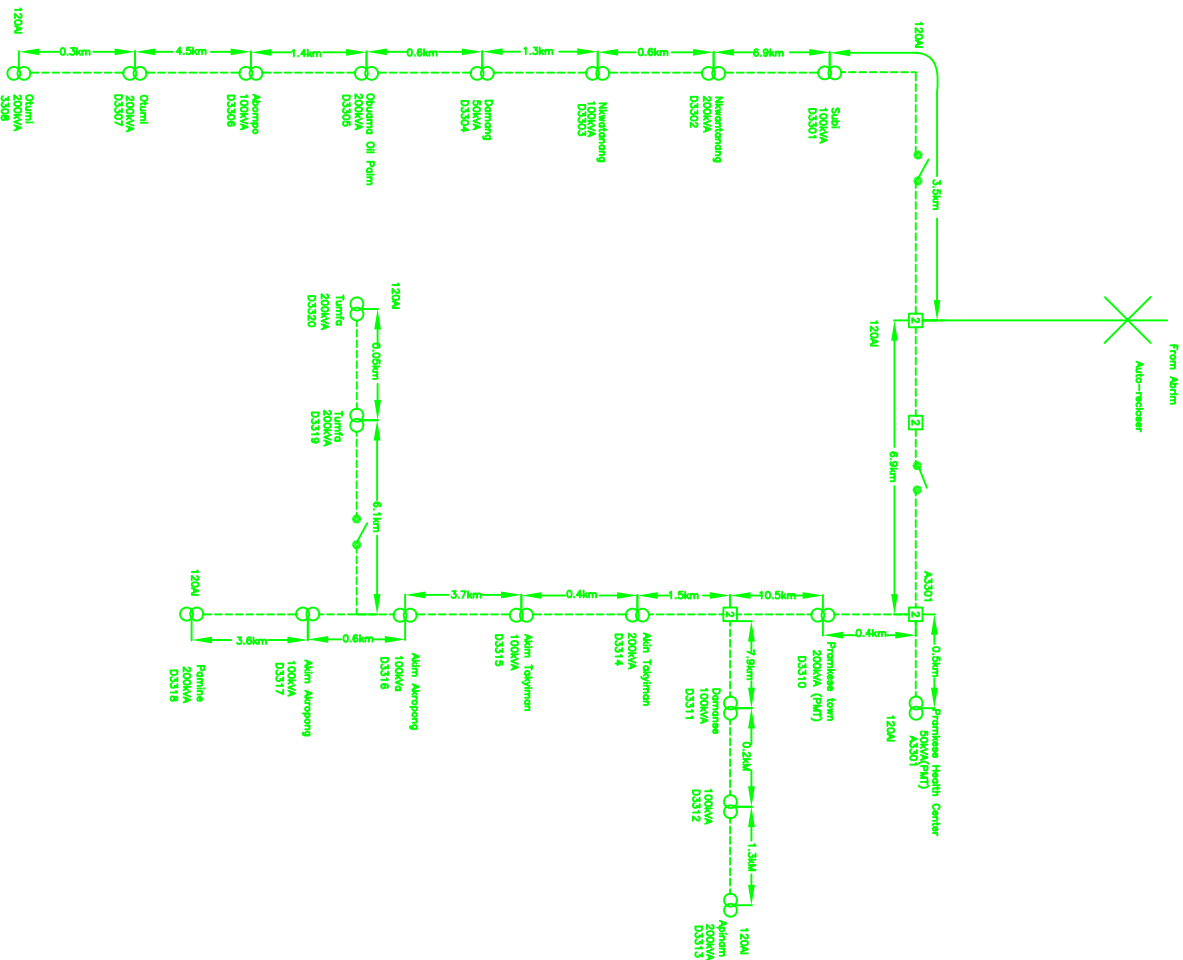
Rev:	Date:	Revised:	Drawn:	Checked:
 ELECTRICITY CORPORATION OF GHANA				
CENTRAL-REGION				
11kV NETWORK TOKUSE (Z)				
Scale: Not to Scale		Designed by: Agbenode		
Drawn: E.S. Memmah		Checked: B. Yabooh		
Date: June, 2007		Approved:		
Drawing No.:		Rev.:		




Prepared By:	Checked By:	Approved By:	Scale:
 ELECTRICITY CORPORATION OF GHANA CENTRAL—REGION			
11kV NETWORK TAKUSE STATION (Z)			
Drawn: E.S. Meneah	Checked: B. Yaboboh	Approved: D.A. Jompa	Scale: Not to Scale
Rev: 1/1/2007			
Drawing No.:			

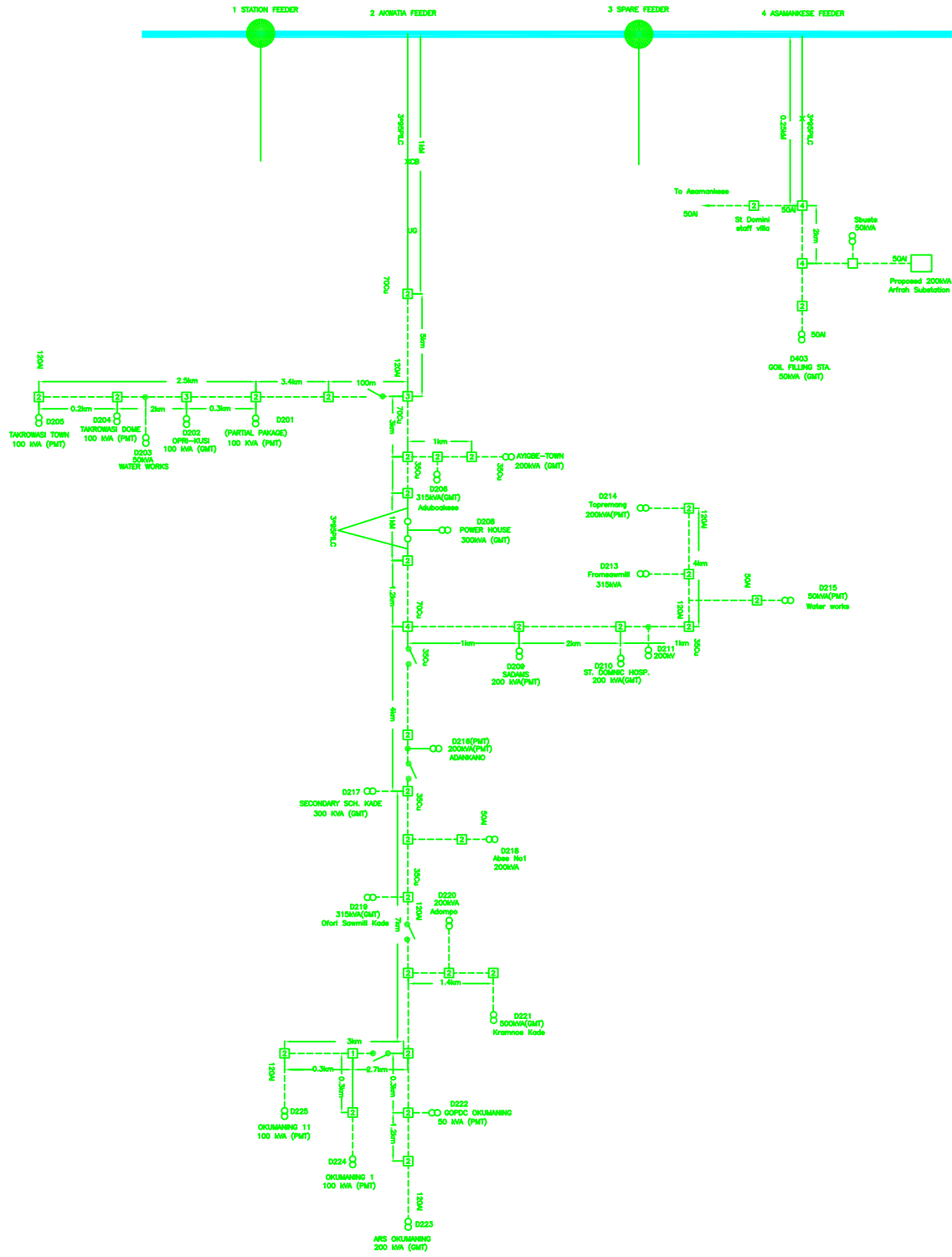
Single Line Diagram Eastern

SINGLE LINE DIAGRAM (SCHEMATIC) FOR THE 33KV OHL AT AKWATIA DISTRICT



Rev.	Date	Revision	Drawn	Checked
 ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION				
Title AKWATIA DISTRICT 33KV HIGH VOLTAGE ROUTE DESIGN				
Scale 1:1000		Designed & Drawn M. A. ADU		
Date APRIL, 2017		Approved K. ADU		
Drawing No. 0				

SINGLE LINE DIAGRAM (SCHEMATIC) FOR THE 11kV OHL AT AKWATIA DISTRICT

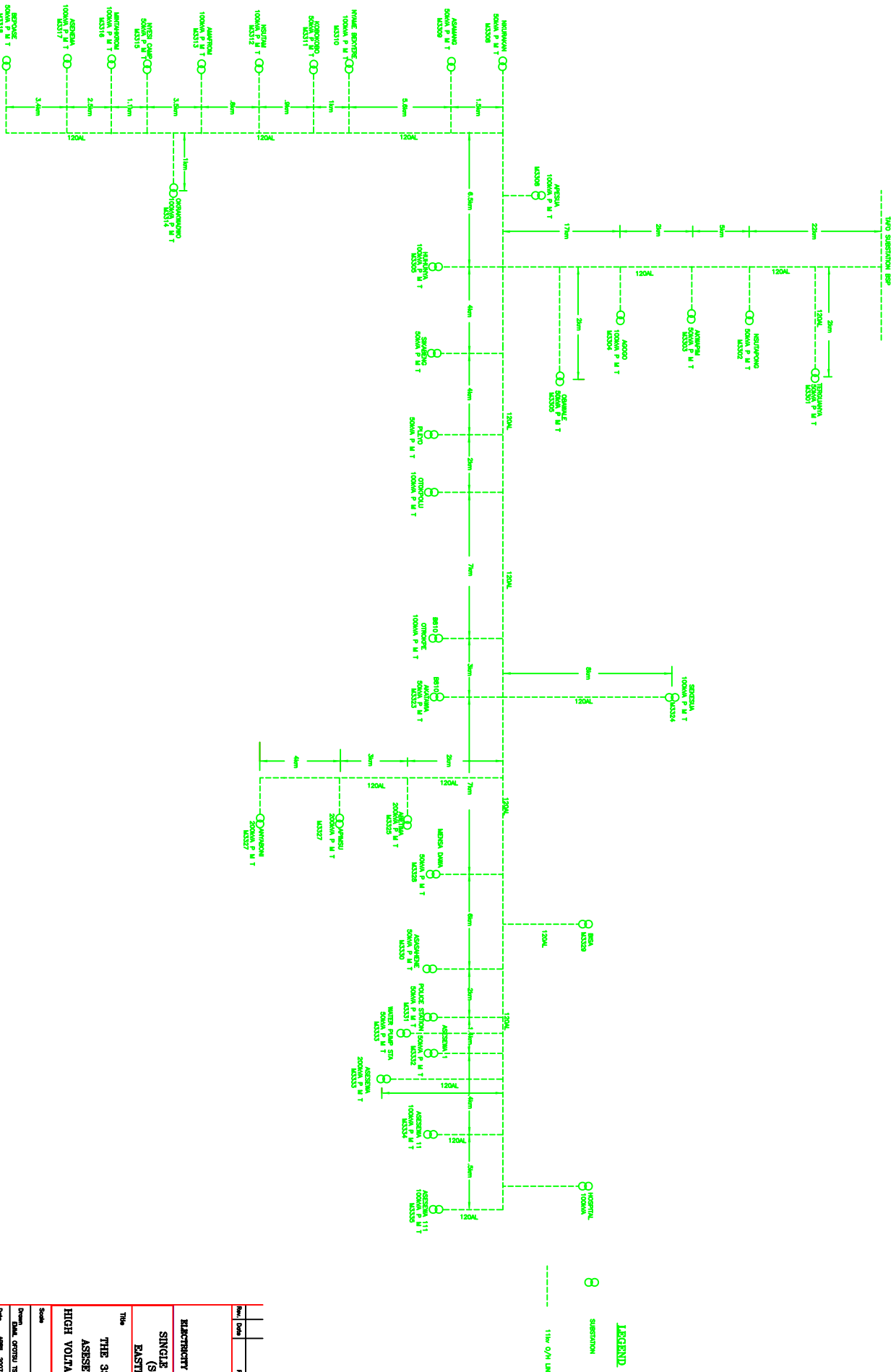


LEGEND


- 8 SUBSTATION
- 2 11KV POLE
- 3 11KV POLE
- 4 11KV POLE
- U/O CABLE
- O/H LINE
- * CIRCUIT BREAKER

Rev.		Revision		Drawn	
Date					
RAKREACTIVITY COMPANY OF GHANA					
SINGLE LINE DIAGRAM (SCHEMATIC)					
EASTERN REGION					
Title					
AKWATIA DISTRICT 11KV					
HIGH VOLTAGE ROUTE DESIGN					
Scale		Designed & Drawn		Checked	
Drawn	M. T. AITER	Checked	M. K. DOMAH		
Date	APRIL, 2007	Approved	K. ADOMAH (ENR)		
Drawing No.		Rev.			0

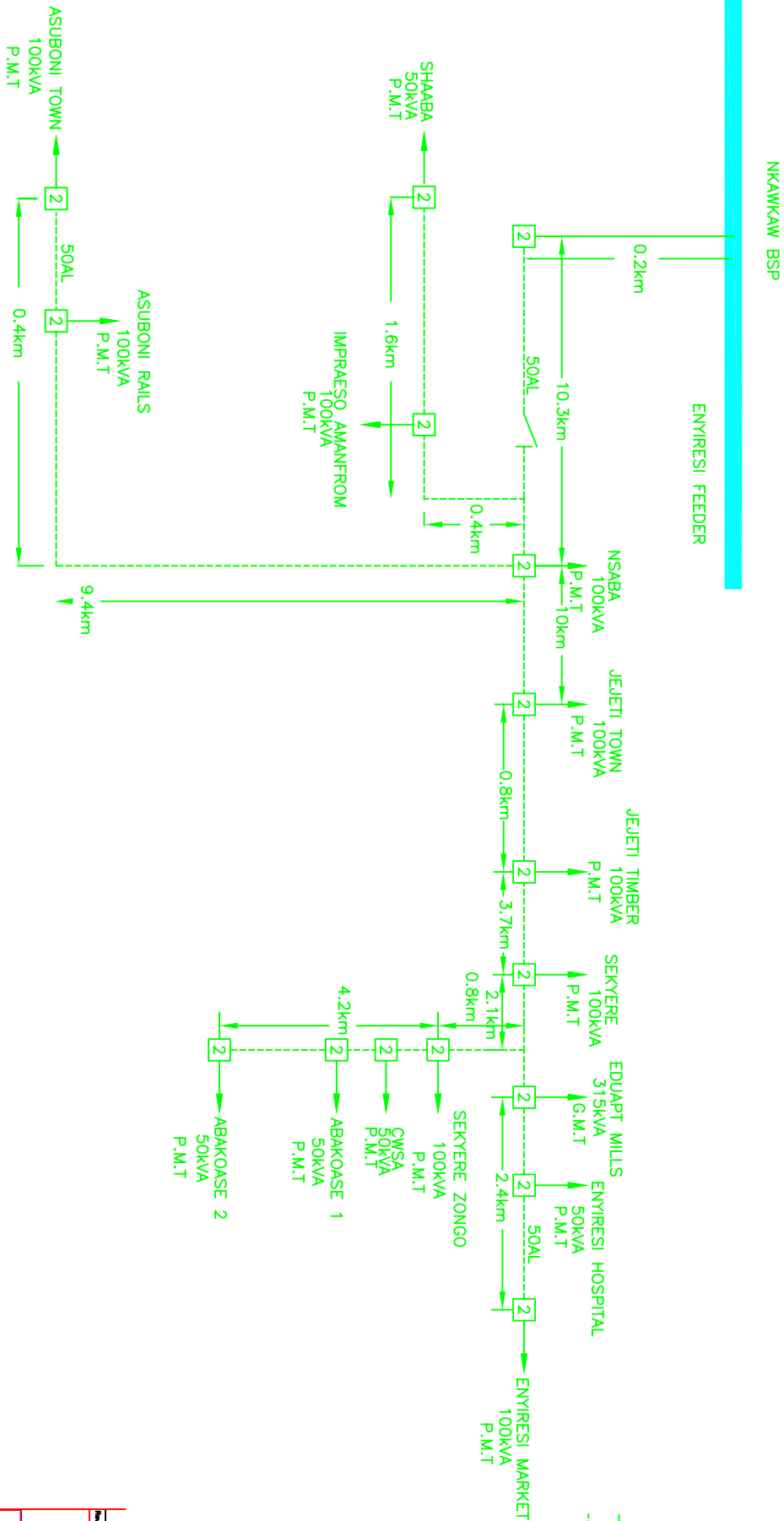
SINGLE LINE DIAGRAM (SCHEMATIC) FOR THE 33KV OHL AT ASESEWA DISTRICT



Rev.	Date	Revision	Drawn	Checked

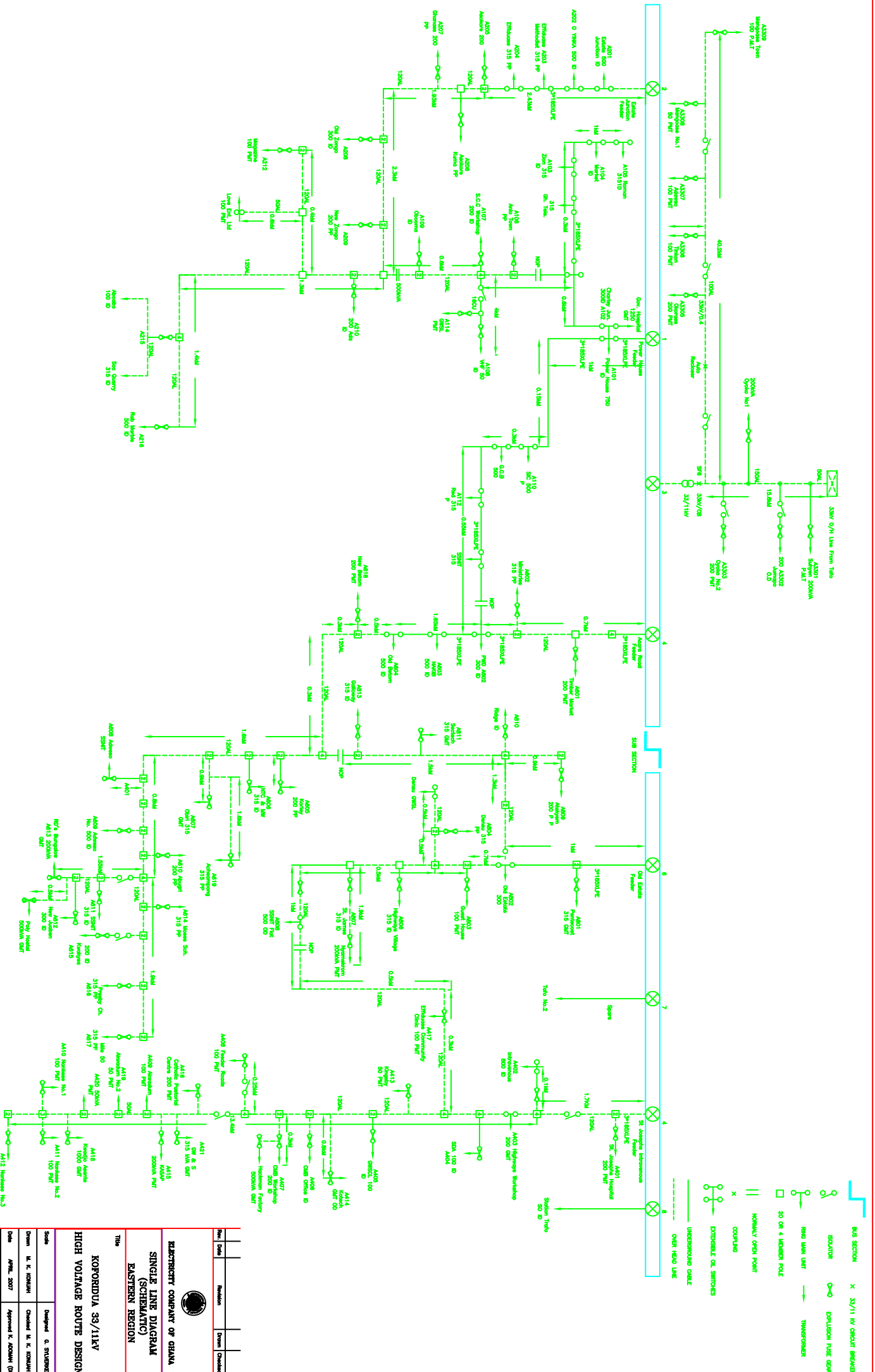
 ELECTRICITY COMPANY OF GHANA	
SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION	
Title THE 33KV OHL AT ASESEWA DISTRICT HIGH VOLTAGE ROUTE DESIGN	
Scale	Designed & Drawn
Drawn: EMIL OGTU TSEMUN	Checked: M. K. KODJAH
Date: APRIL, 2017	Approved: K. JOHANN (EN)
Drawing No.	Rev. 0

SINGLE LINE DIAGRAM (SCHEMATIC) FOR THE 33KV OHL AT NKAWKAW DISTRICT



- LEGEND**
- 2 OR 3 MEMBER POLE
 - OO EMULSION INSULATOR
 - ↑ INSULATOR
 - SUBSTATION
 - UNDERGROUND CABLE
 - OVERHEAD LINE

Rev.	Date	Revision	Drawn	Checked
ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION				
Title NKAWKAW 33KV HIGH VOLTAGE ROUTE DESIGN				
Scale	Designed: G. SYLVESTER			
Drawn	Checked: M. K. KOSUHI			
Date	Approved: K. JOSEPH (DN)			
Drawing No.	Rev. 0			



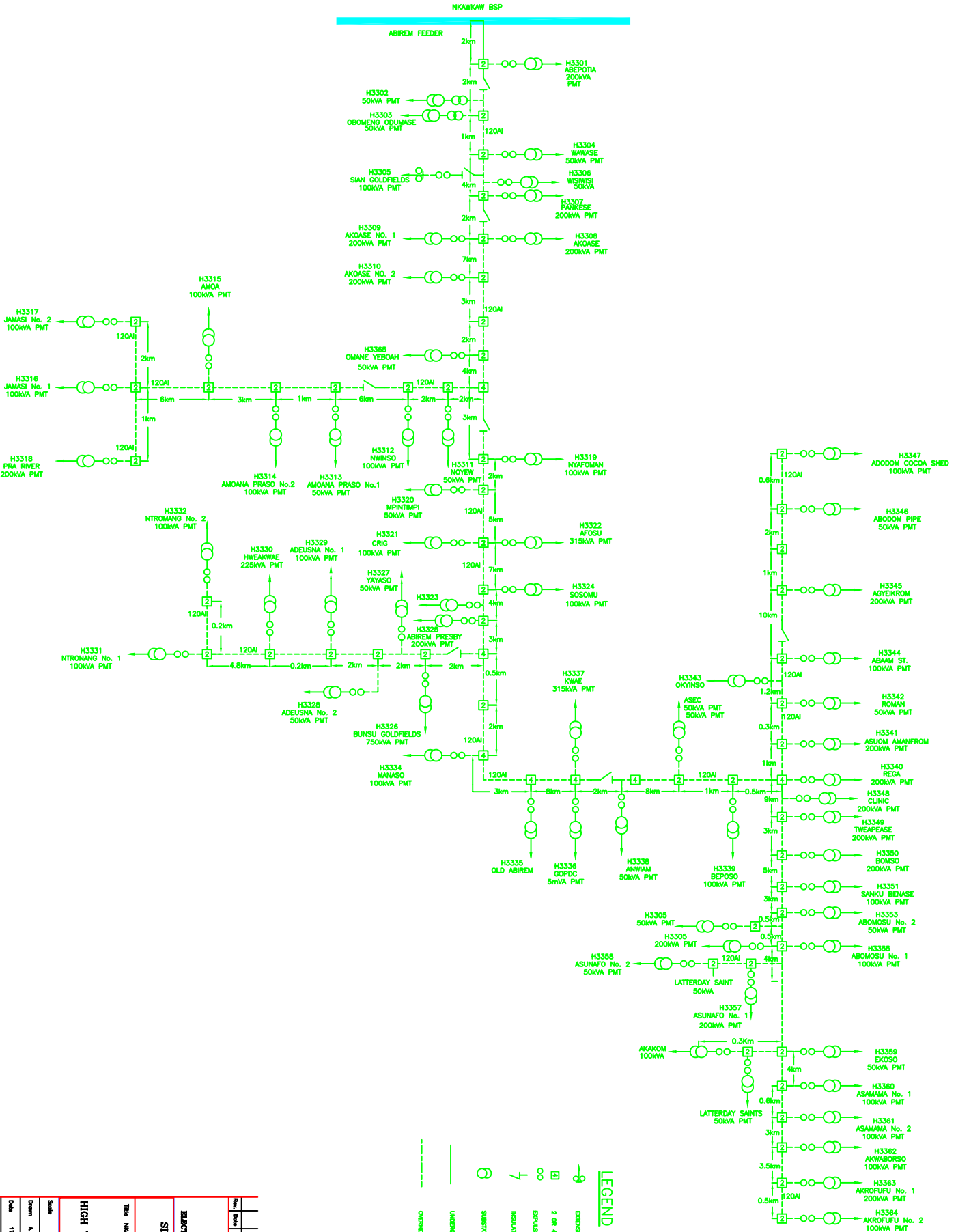
- BUS SECTION X 33/11 KV CIRCUIT BREAKER
- ISOLATOR
- DISJUNCTION FUSE GEAR
- RING MAIN UNIT
- TRANSFORMER
- 20 OR 4 LEADER POLE
- NORMALLY OPEN POINT
- CORNER
- EXPENSIBLE OIL SWITCHES
- UNDERGROUND CABLE
- OVER HEAD LINE

RAJASTHANI COMPANY OF GHANA
SINGLE LINE DIAGRAM
(SCHEMATIC)
EASTERN REGION

KORONDUA 33/11KV
HIGH VOLTAGE ROUTE DESIGN

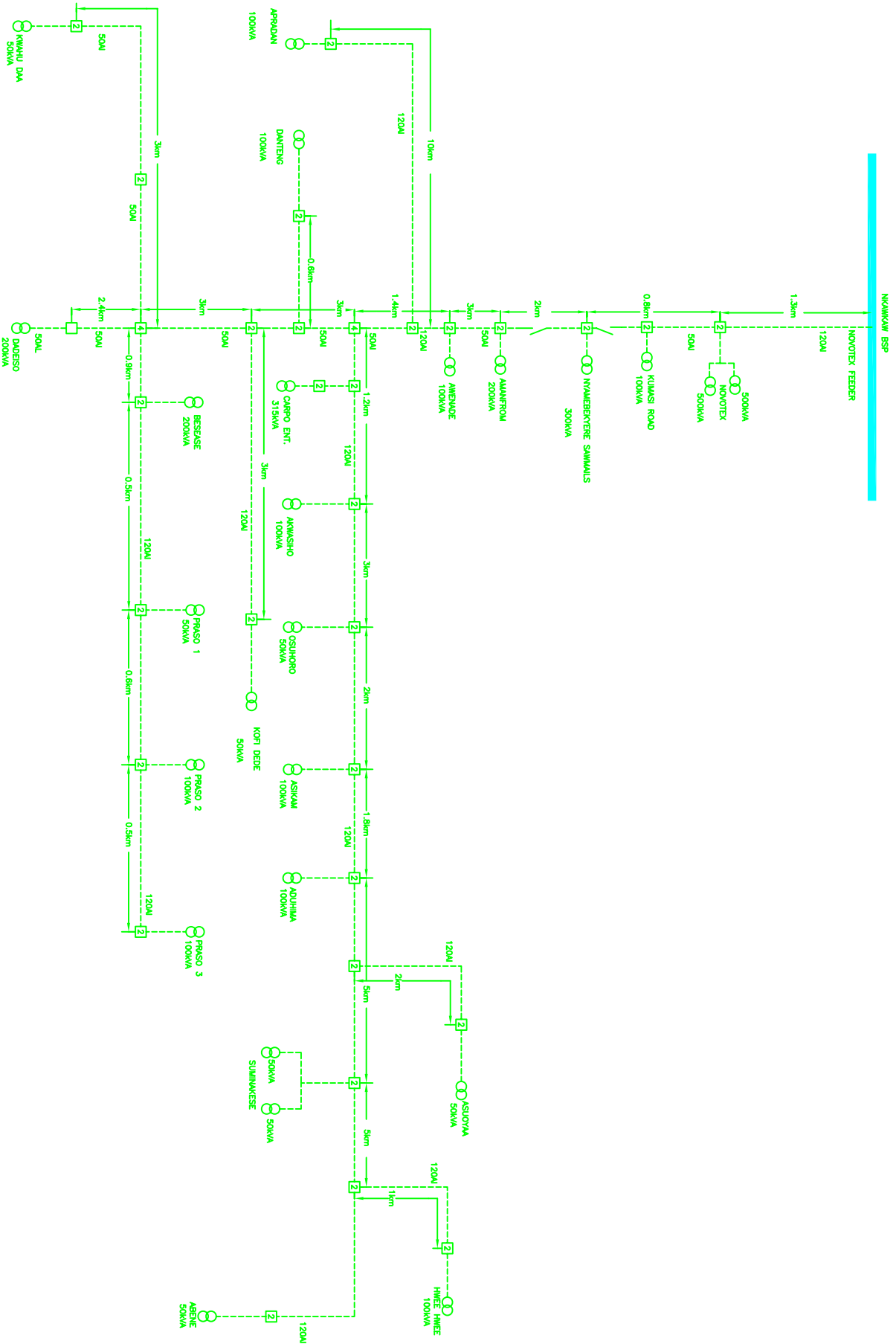
Drawn	M. K. KODIAH	Checked	M. K. KODIAH
Date	APRIL, 2007	Approved	K. ADOMAH (DG)
Drawing No.		Rev.	0

SINGLE LINE DIAGRAM SCHEMATIC FOR 33KV O/H LINE AT NEW ABIREM DISTRICT (NKAWKAW TO ABIREM)



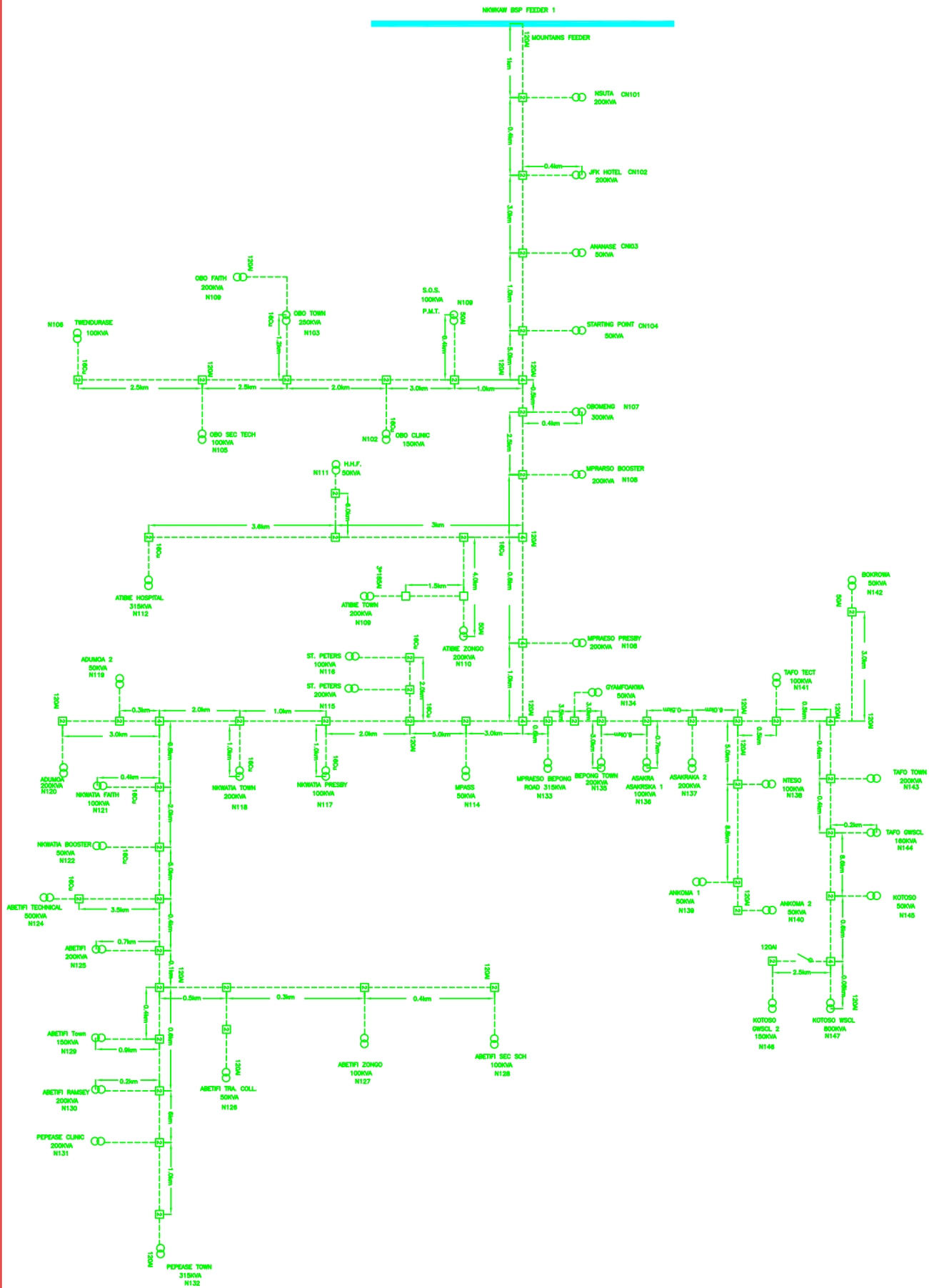
Proj. No.	Revision	Drawn	Checked		
ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION					
This document is for NKAWKAW 33KV HIGH VOLTAGE ROUTE DESIGN					
The information is derived from					
DESIGNED & DRAWN					
Scale		Drawn by	Checked by		
		A. O. YEDDAH	CHANDLER K. K. KODJAH		
Date		17 April 2007	Approved by	K. ADOMAH (M)	
Drawing No.					

NKAWKAW TO DADEISO SINGLE LINE DIAGRAM



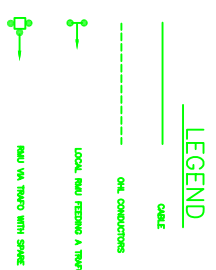
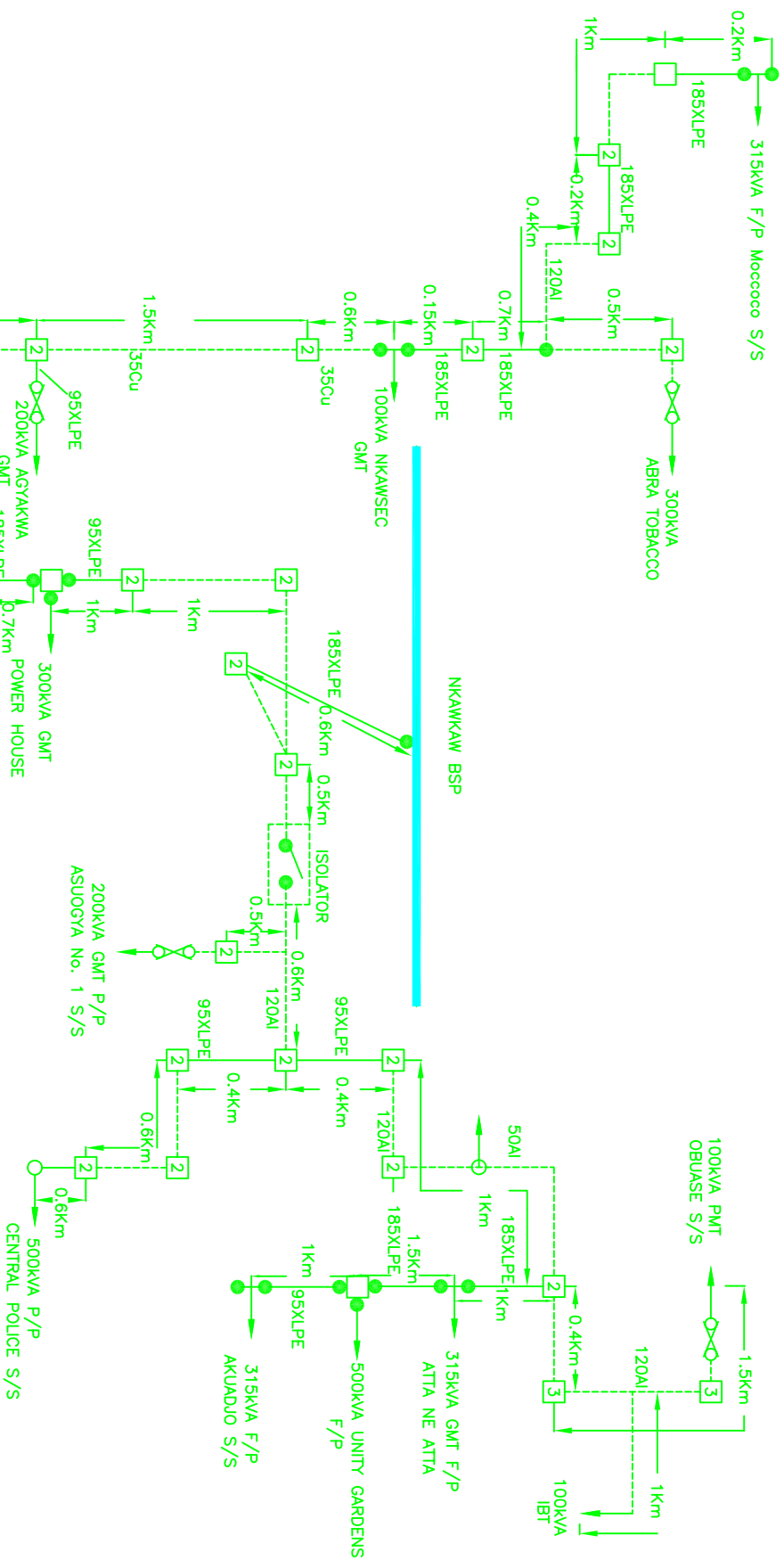
Rev.		Revision		Drawn/Checked	
Date					
ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION					
Title: NKAWKAW TO DADEISO NKAWKAW 11kV HIGH VOLTAGE ROUTE DESIGN					
Scale		Designed & Drawn			
Date	APRIL 2007	Checked: M. K. DONKOR			
Drawing No.		Approved: K. JOHNSON (EN)			
		Rev.	0		

SINGLE LINE DIAGRAM SCHEMATIC FOR 11KV O/H LINE AT NEW ABIREM DISTRICT (NKAWKAW TO MOUNTAINS)



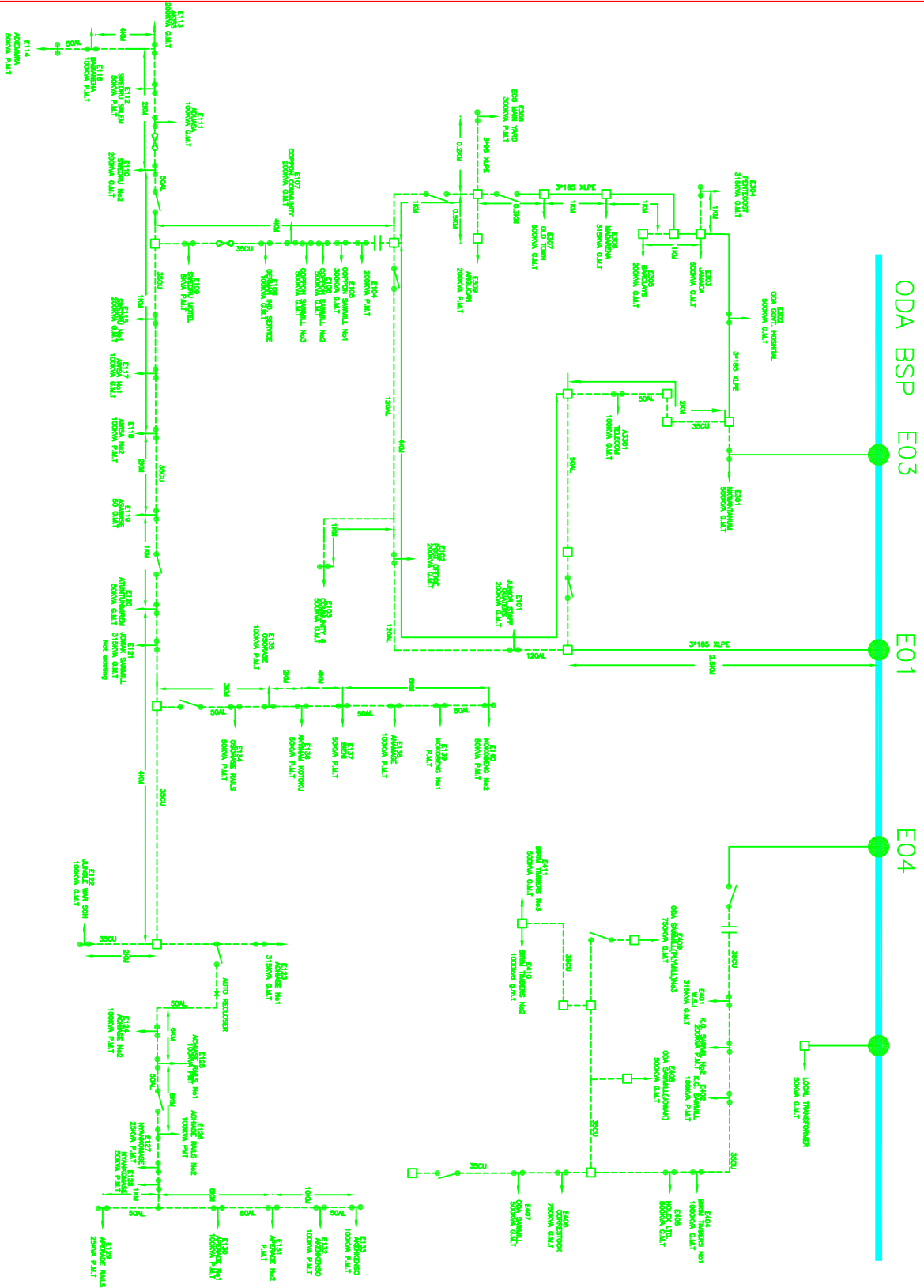
Rev.		Revision		Drawn	
Date	APRIL, 2007	Approved	K. ADUMBA (DN)	Scale	AS SHOWN
Designing No.	0				
ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) NEW ABIREM DISTRICT (NKAWKAW TO MOUNTAINS) HIGH VOLTAGE ROUTE DESIGN					
DESIGNED BY: A. O. YERMAH CHECKED BY: M. K. ADUMBA DATE: APRIL, 2007 APPROVED BY: K. ADUMBA (DN)					

SINGLE LINE DIAGRAM (SCHEMATIC) FOR 11KV O/H LINE AT (NKAWKAW TOWN FEEDER) DISTRICT



Rev.	Date	Revision	Drawn	Checked
ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION				
Title NKAWKAW FEEDER 11KV HIGH VOLTAGE ROUTE DESIGN				
Scale Drawn: AUGUSTINE YEDDAH Date: 10 FEB. 2007 Drawing No.:		Designed & Drawn: Checked: M. K. KUMAR Approved: K. ADOMAH (DG) Rev.: 0		

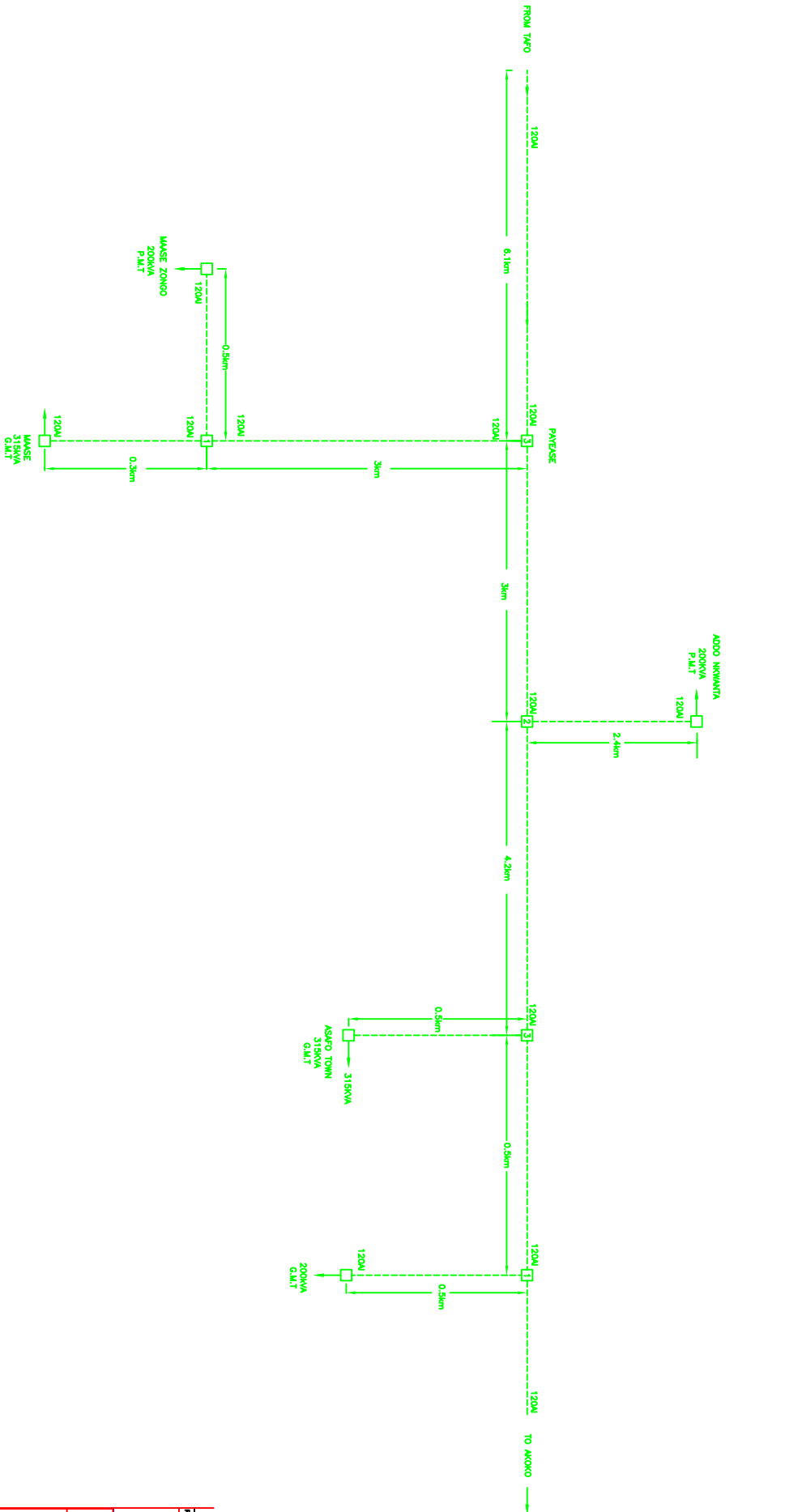
SINGLE LINE DIAGRAM SCHEMATIC FOR 11KV O/H LINE AT ODA DISTRICT



- LEGEND**
- Transformer
 - 2 OR 4 BARS POLE
 - SOLAR
 - POLE BOUNDED THRO
 - P.M.T
 - GROUND BOUNDED THRO
 - EXPUSION FUSE GEAR
 - UNDERGROUND CABLE
 - OVER HEAD LINE
 - NORMALLY OPEN POINT
 - AUTO RECLOSER

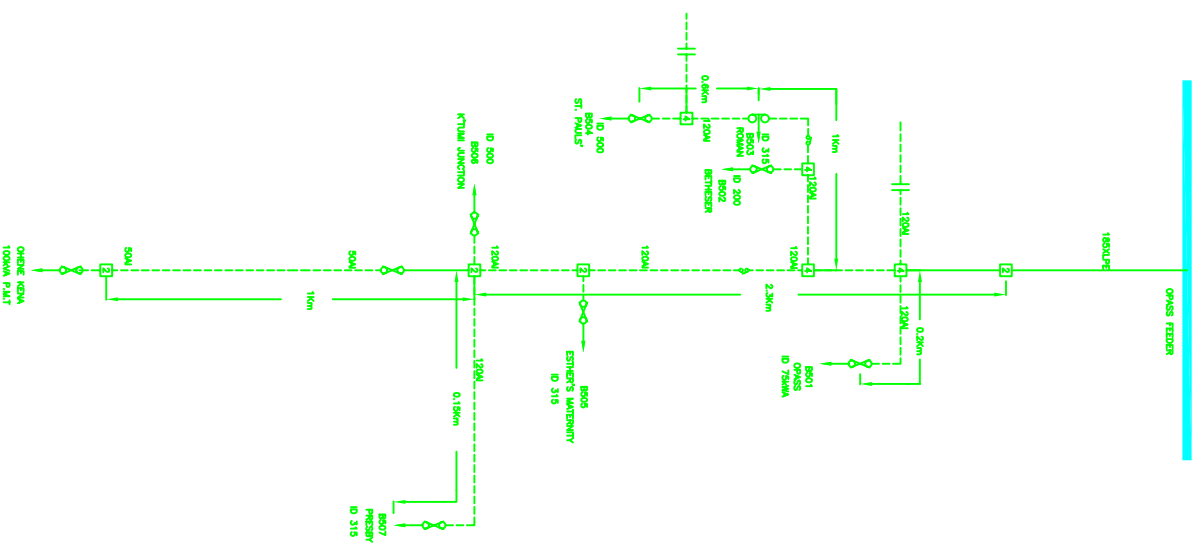
Rev.		Revision		Drawn	
Rev.	Date	Revision	Drawn	Checked	Drawn
ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION					
Title ODA 11KV HIGH VOLTAGE ROUTE DESIGN					
Scale		Designed & Drawn			
Drawn		Checked			
Date		Approved			
Drawing No.		Rev.			
		0			

SINGLE LINE DIAGRAM SCHEMATIC FOR 11KV O/H LINE AT TAFO DISTRICT



Rev.		Revision		Drawn	
Date					
ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION					
Title TAFO 11KV HIGH VOLTAGE ROUTE DESIGN					
Scale		Designed	G. STANBORG		
Drawn	A. B. MUMU	Checked	M. K. KUMU		
Date	APRIL 2007	Approved	K. ADOMU (EN)		
Drawing No.		Rev.		0	

SINGLE LINE DIAGRAM SCHEMATIC FOR 11KV O/H LINE AT TAFO DISTRICT OPASS FEEDER



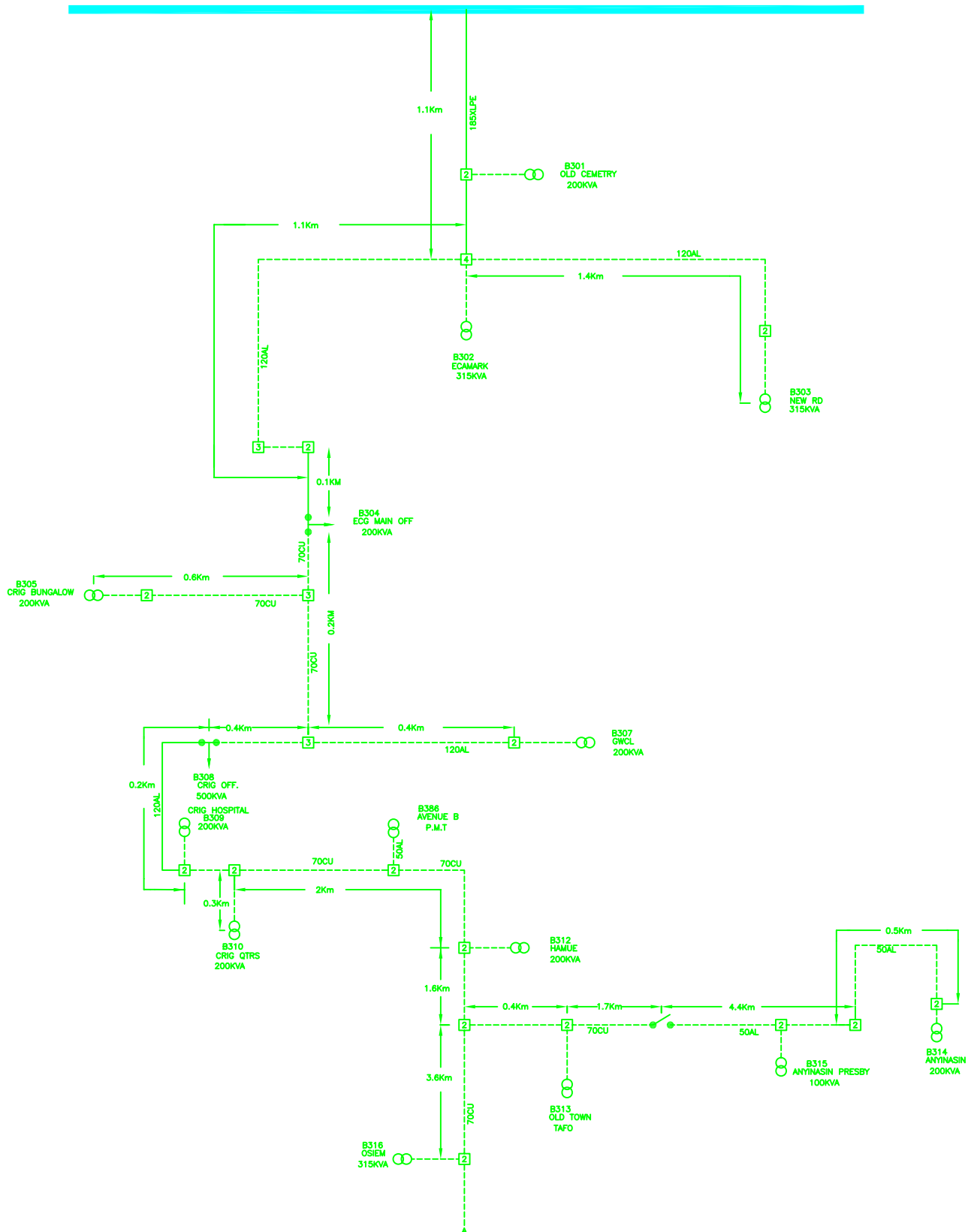
LEGEND

- RING MAIN UNIT
- INDOOR TAP
- POLE MOUNTED TAP
- 2 OR 4 MEMBER POLE
- ISOLATOR
- EPULSION FUSE CORE
- NORMALLY OPEN POINT
- TRANSFORMER
- UNDERGROUND CABLE
- OVERHEAD LINE

Rev.		Revision		Drawn	
Title	ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION				
OPASS FEEDER 11KV HIGH VOLTAGE ROUTE DESIGN					
Scale	Designed: D. GEMANTY				
Drawn	M. K. KODJAH				
Date	10 FEB. 2007				
Drawing No.	Rev. 0				

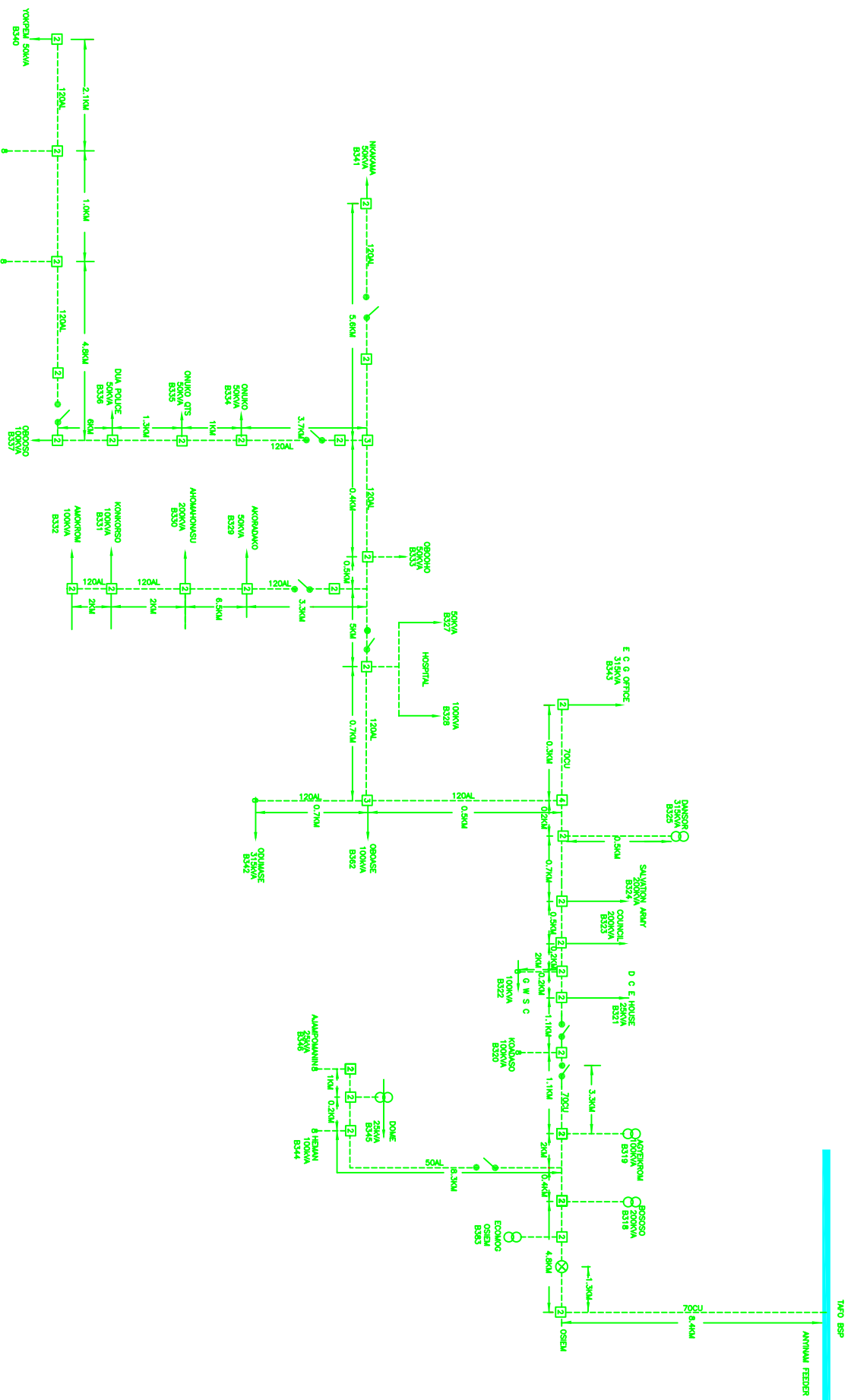
SINGLE LINE DIAGRAM (SCHEMATIC) FOR 11KV O/H LINE AT (TAFO-ANYANAM FEEDER) DISTRICT

TAFO BSP



Rev.		Revision		Drawn	
Date					
RAJASTHANI COMPANY OF CHINA					
SINGLE LINE DIAGRAM (SCHEMATIC)					
EASTERN REGION					
TAFO-ANTNAM 11KV HIGH VOLTAGE ROUTE DESIGN					
Scale		Designed & Drawn		Checked	
Drawn	CHARLES K. OBI	Checked	L. K. OBI		
Date	13 APRIL 2007	Approved	K. JOSEPH (DN)		
Drawing No.		Rev.			0

SINGLE LINE DIAGRAM (SCHEMATIC) FOR THE 11KV OHL TAFO DISTRICT (TAFO TO BEGORO)

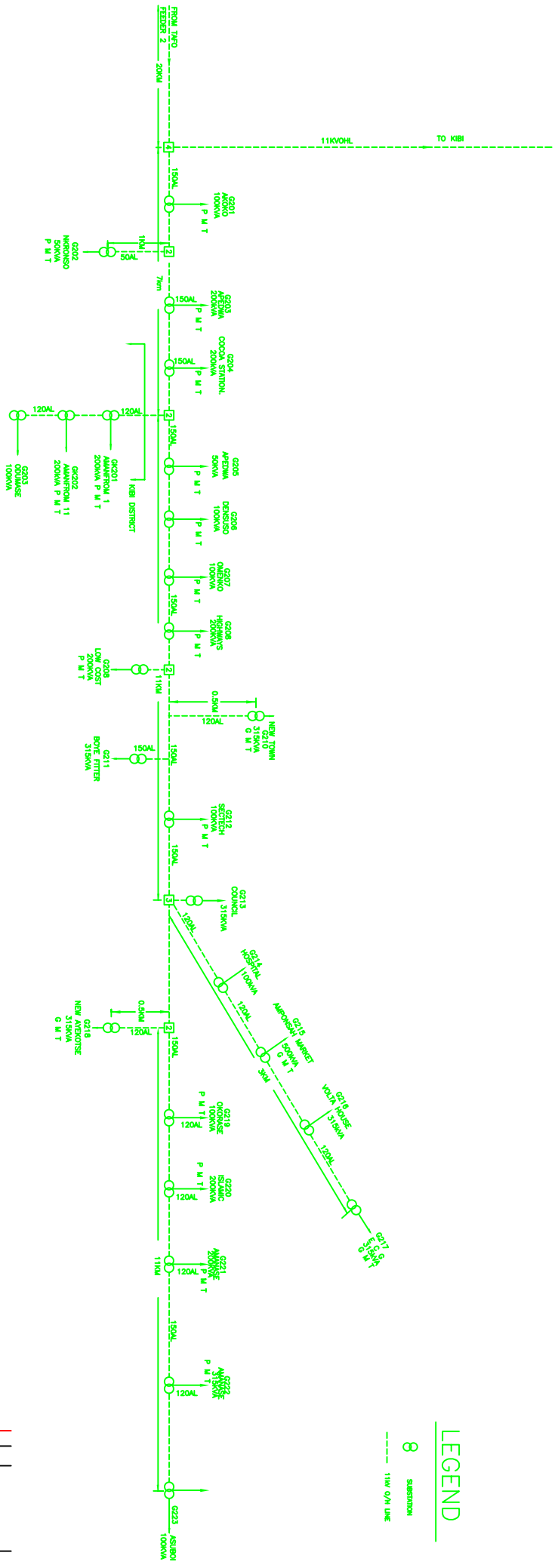


LEGEND

- 3 or 4 MEMBER POLES
- 11KV O H LINE
- SUBSTATION
- SUBSTATION
- AUTO RECLOSER

Rev.		Revision		Drawn/Checked	
Title	ELECTRICITY COMPANY OF GHANA SINGLE LINE DIAGRAM (SCHEMATIC) EASTERN REGION THE 11KV OHL AT TAFO DISTRICT (TAFO TO BEGORO) HIGH VOLTAGE ROUTE DESIGN				
Scale	Designed: D. GEMANTY				
Drawn	E. O. TSWIKA				
Date	April, 2007				
Drawing No.	Approved: K. JOHANNI (DN)				
	Rev. 0				

SINGLE LINE DIAGRAM (SCHEMATIC) FOR THE 11KV OHL AT SUHUM DISTRICT TAFU TO SUHUM



LEGEND

- 8 SUBSTATION
- 11KV O/H LINE

No.	Date	Revision	Drawn	Checked

ELECTRICITY COMPANY OF GHANA

SINGLE LINE DIAGRAM (SCHEMATIC)

EASTERN REGION

Title

THE 11KV OHL AT SUHUM (TAFU TO SUHUM)

TAFU 11KV

HIGH VOLTAGE ROUTE DESIGN

Drawn	Scale	Designed
E. O. TRIMATA		G. STUBBINS

Date	Approved
APRIL, 2007	K. ADOMAH (DN)

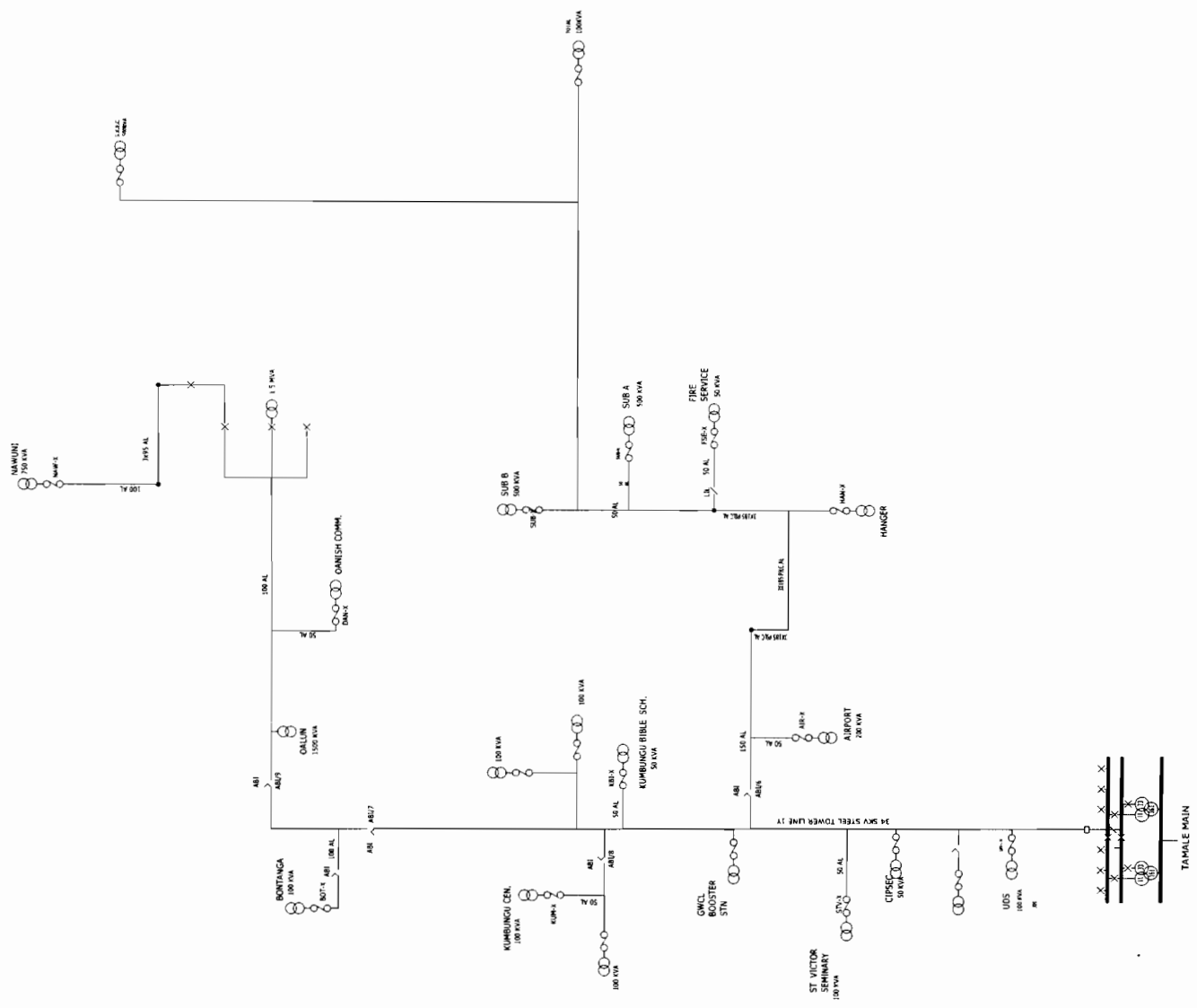
Drawing No. Rev. 0

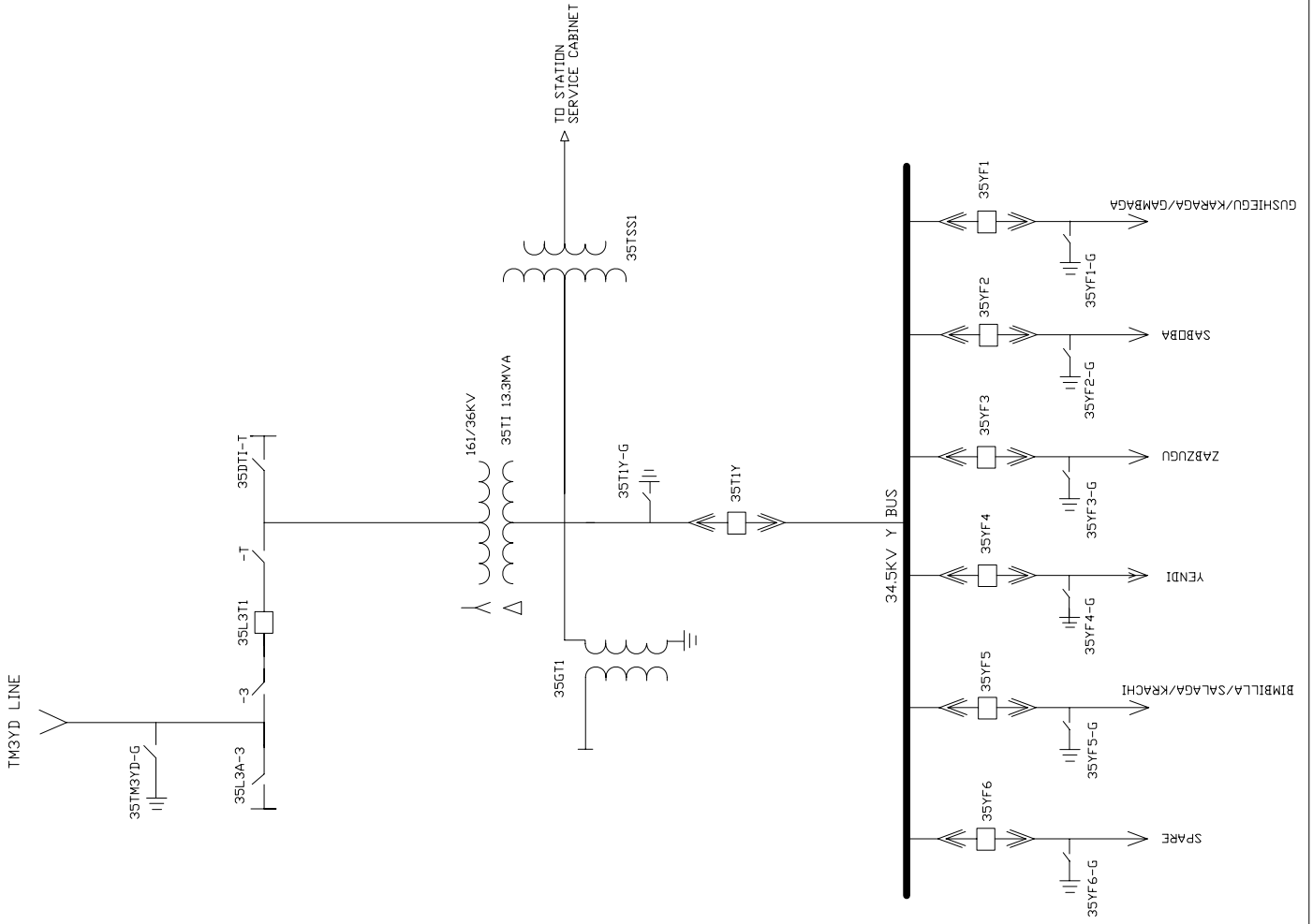
Single Line Diagram

Northern

LEGEND

- CIRCUIT BREAKER
- AIR BREAKER ISOLATOR (AB)
- DROP OUT WITH LINKS
- DROP OUT FUSES
- TRANSFORMER AND CAPACITY (VA)
- OVERHEAD LINE
- UNDERGROUND LINE
- LINE ISOLATING LINK (LL)





Substation Name YENDI SUBSTATION YD35	
OPERATING DIAGRAM	ISSUED
DRAWN	CHECKED
DETAILS	APPROVED
DATE	