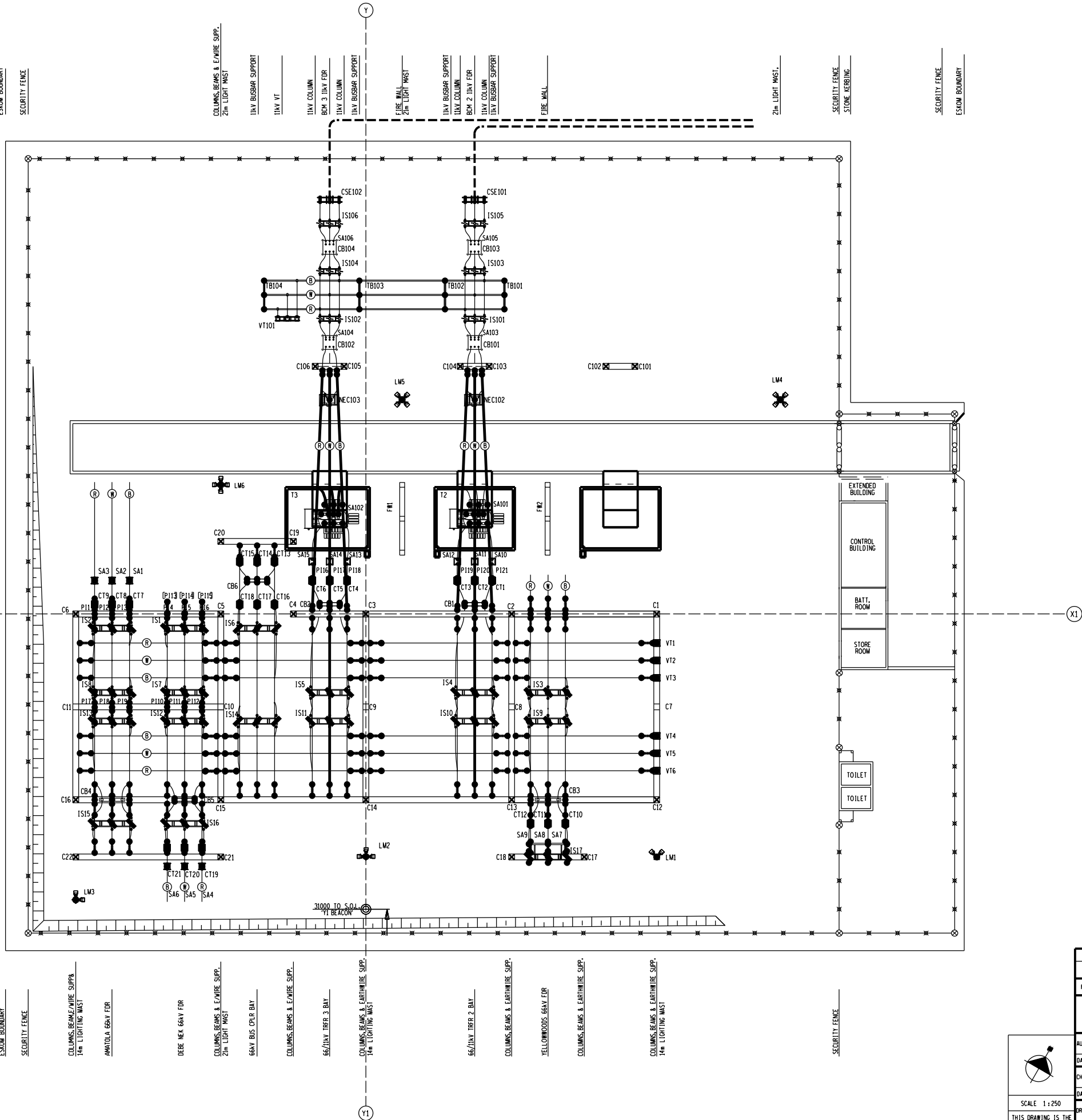


ESKOM BOUNDARY
SECURITY FENCE
11kV CABLE SEALING END,
11kV ISOLATOR
11kV BKR & 11kV SA
11kV ISOLATOR
11kV TUBULAR BUSBAR
11kV ISOLATOR & VT
11kV BKR
COLUMNS & BEAMS
11kV NEC/AUX TRFR 3 & 2
21m LIGHT MAST,
ROAD
ROAD
21m LIGHT MAST
66/11kV TRFR 3 & 2
COLUMNS, BEAMS & EARTHWIRE SUPP.
66kV CT
66kV SA & 66kV PI
66kV CT & 66kV BREAKERS
66kV COLUMNS & BEAMS
66kV BYPASS ISOLATOR
66kV VT BUSBAR 1
66kV BUSBAR 1 ISOLATOR
COLUMNS & BEAMS
66kV BUSBAR 2 ISOLATOR
66kV VT BUSBAR 2
66kV COLUMNS, BEAMS & 66kV BKR.
66kV ISOLATOR, & 66kV CT
66kV CT
66kV ISOLATORS, 14m LIGHTING MAST,
66kV COLUMNS, BEAMS & 66kV SA.
14m LIGHTING MAST
SECURITY FENCE
ESKOM BOUNDARY



EQUIPMENT			
LEGEND	USED FOR	OUTLINE DRAWING No.	WIRING DRAWING No.
CB1-CB6	66kV CIRCUIT BREAKER	-	
CB101-CB104	11kV CIRCUIT BREAKER	-	
CSE101-CSE102	66kV POST INSULATORS	-	
CT1-CT21	66kV CURRENT TRANSFORMER	-	
IS1-IS17	66kV ISOLATOR	-	
IS101-IS106	11kV ISOLATOR	-	
LM1-LM6	LIGHTING MAST	PROJECT SPEC	
NEC101-NEC102	11kV NEC/NER/AUX	-	
SA1-SA15	66kV SURGE ARRESTOR	-	
TB101-TB104	66kV POST INSULATORS	-	
VT1-VT6	66kV VOLTAGE TRANSFORMER	-	
VT101	11kV VOLTAGE TRANSFORMER	-	

REV		REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
5		SUBSTATION REFURBISHMENT, DRAWING UPDATED	A.G.			23/08/2021	
4		SUBSTATION REFURBISHMENT, TRFR 1 DECOMMISSIONED & 11kV BUSBARS ADDED.	V.L.	M.G.	B.M.	29/06/2017	
AUTH: N.M. Webber							
DATE: 02/04/19							
CHKD: C. Lottering							
DATE: 04/03/19							
DRAWN: M. Gallant							
DATE: 03/08/18							
THIS DRAWING IS THE PROPERTY OF ESKOM							
SCALE 1:250							
Eskom Distribution							
D-EC-862		SET	SHEET	REVISION			
		11	07	5			

SET 11 SHT 11	TRENCH & FENCE LAYOUT
SET 11 SHT 10	TRFR 3 PLINTH DETAILS
SET 11 SHT 9	TRFR 2 PLINTH DETAILS
SET 11 SHT 8	SECTION AND CLAMPS LAYOUT
SET 11 SHT 6	STEELWORK LAYOUT
SET 11 SHT 5	FOUNDATION LAYOUT
SET 11 SHT 4	EARTHWAY LAYOUT
SET 11 SHT 2	SITE PLAN
SET 11 SHT 1B	STATION ELECTRIC DIAGRAM
SET 11 SHT 1A	STATION ELECTRIC DIAGRAM

DIMBAZA
66/11kV SUBSTATION
ELECTRICAL EQUIPMENT LAYOUT

D-EC-862

SET 11
SHEET 07
REVISION 5