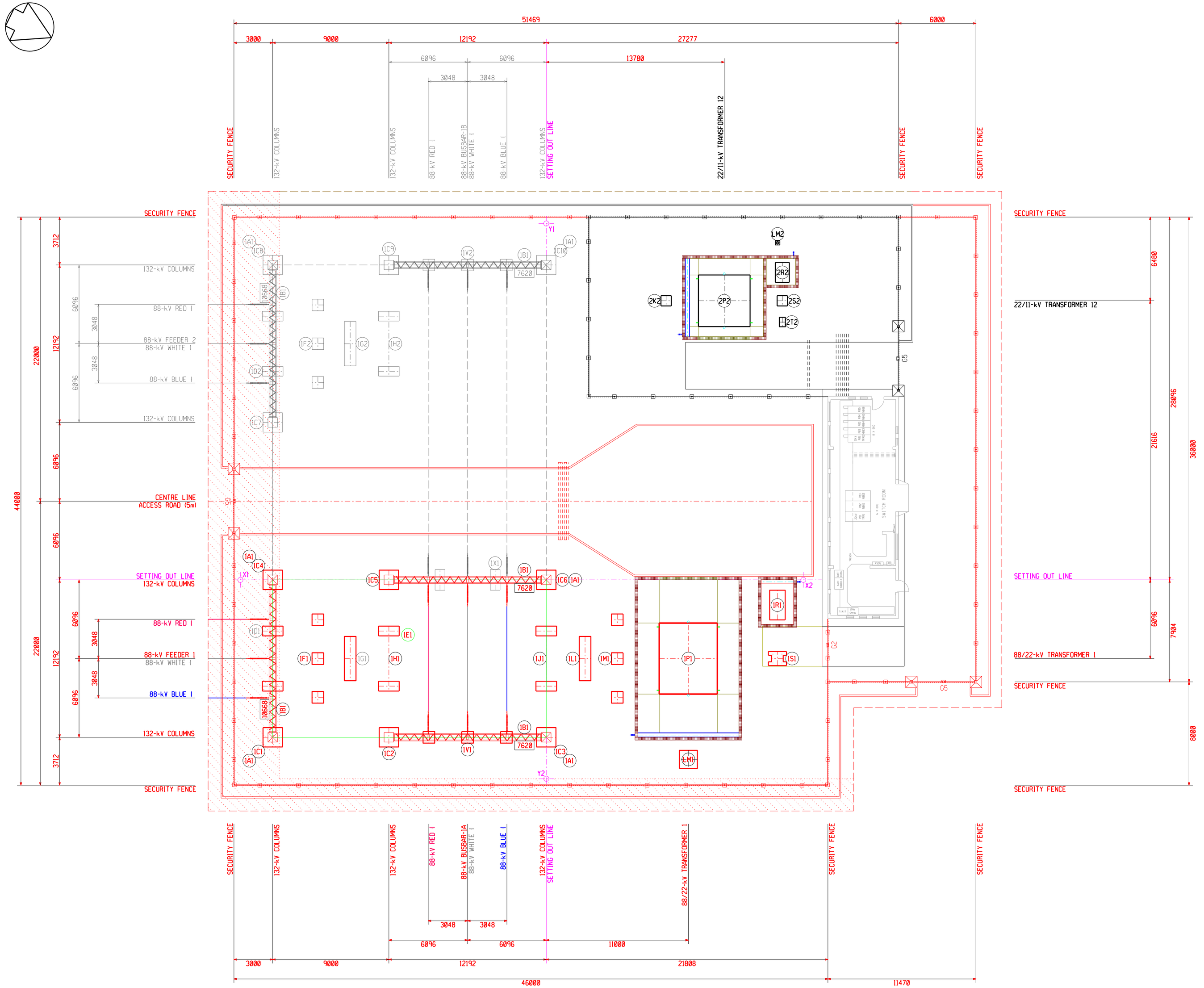

STEELWORK SCHEDULE

ITEM	USED FOR	DRG No	QTY	EQUIPMENT
1A1	132-kV EARTH WIRE SUPPORT	D-DT-5252-2A-1	- - 4	132/EW
1B1	132-kV BEAM (12192)	D-DT-5252-2D-0	- - 3	132/40/1
1C1-1C10	132-kV COLUMN	D-DT-5252-2A-1	- - 6	132/C
1D1	132-kV ISOLATOR	D-DT-5202/2A-17	1	-
1E1	88-kV SA'S	D-DT-5219/4-4	3	-
1F1	132-kV POST INSULATOR	D-DT-5202/2K/2	1	--
1G1	132-kV BREAKER	D-DT-5200/1C-2	1	-
1H1	132-kV ISOLATOR	D-DT-5202/2A-17	1	-
1D2	132-kV ISOLATOR	D-DT-5202/2A-17	1	-
1E2	88-kV SA'S	D-DT-5219/4-4	3	-
1F2	132-kV CT'S	D-DT-5206/2C-9	3	D-DT-5206/21-7 CAP
1G2	132-kV BREAKER	D-DT-5200/1C-2	1	-
1H2	132-kV ISOLATOR	D-DT-5202/2A-17	1	-
1V1	88-kV B/B-1A VT'S	D-DT-5206/2C-9	3	D-DT-5206/21-7 CAP
1X1	132-kV ISOLATOR	D-DT-5202/2-10	1	-
1V2	88-kV B/B-1B VT'S	D-DT-5206/2C-9	3	D-DT-5206/21-7 CAP
1J1	132-kV ISOLATOR	D-DT-5202/2A-17	1	-
1L1	132-kV BREAKER	D-DT-5200/1C-2	1	-
1M1	132-kV CT'S	D-DT-5206/2C-9	3	D-DT-5206/21-7 CAP
1N1	88-kV SA'S	MTD ON '1P1'	3	-
1P1	88/22-kV TRANSFORMER 1	20-MVA	1	-
1Q1	22-kV SA'S	MTD ON '1P1'	3	-
1R1	22-kV NEC/R T1	D-DT-5207/2A-10	1	-
1S1	22-kV CABLE SUPPORT	D-DT-5272/3/2-2	1	-
2K2	22-kV CABLE SUPPORT	D-EN-551/8/2	1	-
2N2	22-kV SA'S	MTD ON '2P2'	3	-
2P2	22/11-kV TRANSFORMER 12	10-MVA	1	
2Q2	11-kV SA'S	MTD ON '2P2'	3	-
2R2	11-kV NEC/R T12	D-DT-6141/1-7	1	-
2S2	11-kV CABLE SUPPORT	D-EN-551/9/2	1	-
2T2	YARD DISTRIBUTION BOARD	SET.21 SHT.01	1	(NAC-03)
LM1	14m LIGHTNING/LIGHTING MAST	D-DT-5217/3-3	1	-
LM2	LIGHTNING MAST	D-WN-269	1	-

NOTES

1. PRIOR TO THE ERECTION OF STEELWORK, THE CONTRACTOR SHALL ENSURE THAT ALL FINISHED CONCRETE SURFACES ARE WITHIN TOLERANCES AS SPECIFIED IN SANS 0400
2. STRUCTURE SHALL BE ERECTED, ALIGNED, SQUARED, PLUMBED AND LEVELLED TO AN ACCURACY OF SANS 1200 OR 5mm
3. ERECTION OF STEELWORK SHALL COMPLY WITH SANS 1200H AND SANS 1200HA

REV	DRAWN	CHKD	APPROVED	DATE	REVISION DESCRIPTION
00	TDOB	NN	JKR 01/02/21	01/02/21	REDRAWN, RENUMBERED WAS D-EN-551/2-2, 88/22-kV YARD ADDED

CHECKED: N Naidoo 01/02/2021
DRAWN: T D O'Brien 12/12/2018
SCALE: 1:150
AUTHORIZED: JK Raghubir 01/02/2021

Eskom Distribution

UMKOMASS SUBSTATION
88/22/11-kV
STEELWORK MARKING AND ARRANGEMENT PLAN

ER00779

SET	SHEET	REVISION
17	02	00

A1