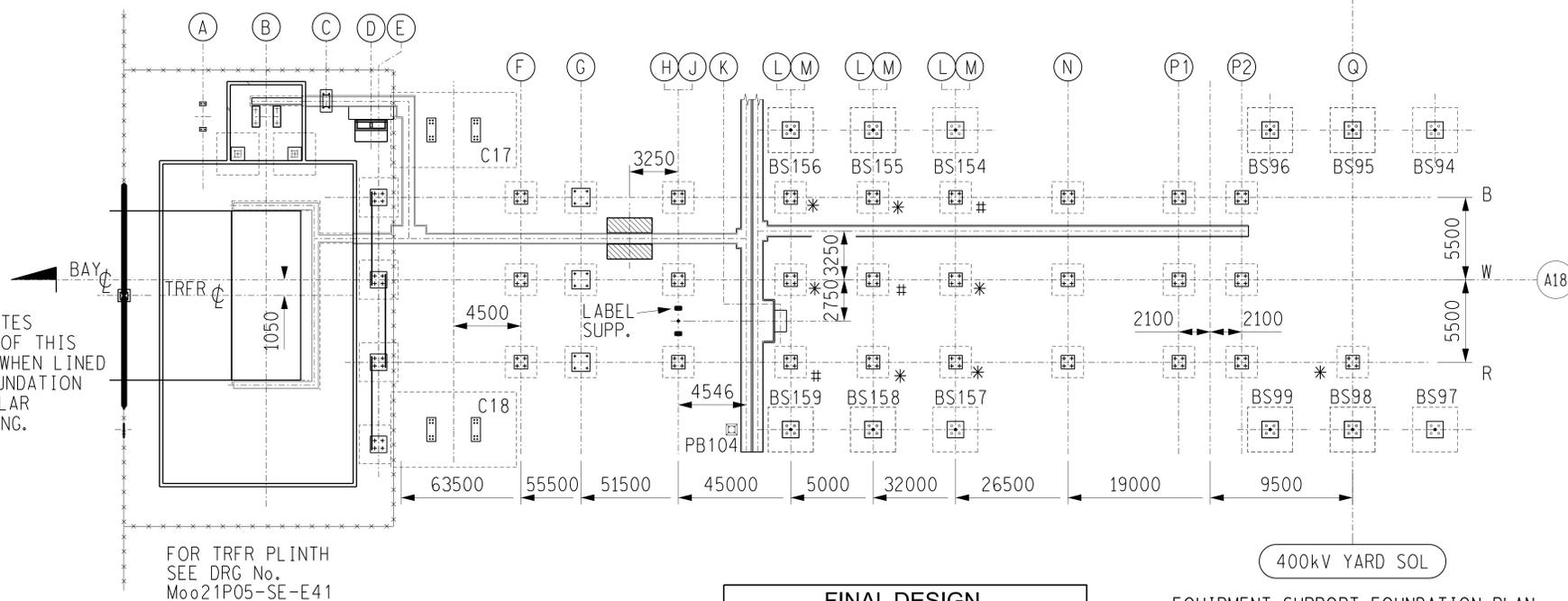
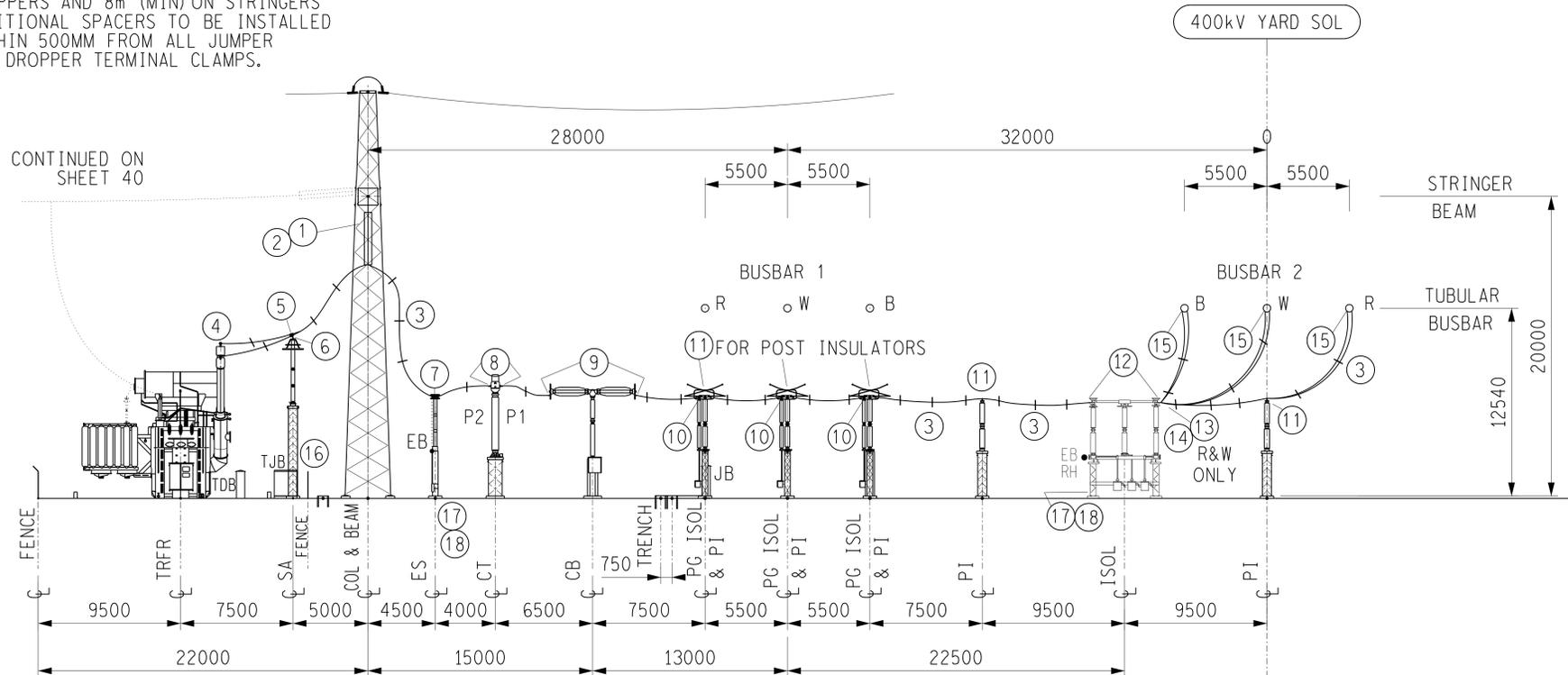


ELEVATION ON ELECTRICAL EQUIPMENT

- NOTE:
 1. SPACER MK 3 TO BE AT 2m CTRS ON DROPPERS AND 8m (MIN) ON STRINGERS
 2. ADDITIONAL SPACERS TO BE INSTALLED WITHIN 500MM FROM ALL JUMPER AND DROPPER TERMINAL CLAMPS.



CONDUCTOR AND HARDWARE SCHEDULE		SIZE	QUANT.		
CONDUCTOR	BUSBAR	φ 250 AL TUBE			
	STRINGERS & DROPPERS	2x800mm ²	380m		
	EQUIPMENT EARTHING	50x3 Cu	55m		
DRG.No	DESCRIPTION	MK	ITEM	QUANT.	
CLAMP & HARDWARE TO DRG NO 0.54/412 240-53113923 AND 240-53113927	VEE SUSPENSION STRING ASSY. LONGROD POLYMERIC	1	F42	3	
	400kV LONGROD INSULATOR	2	-	6	
	CLAMP		3	ES-B	73
			4	EYC-D	3
			5	ETC-K	12
			6	EY-D	3
			7	EYCDT-B	6
			8	EYC-S	6
			9	EYC-T	6
			10	EYC-T	6
			11	EXCP2-D	10
			12	EYC-S	6
			13	EX-D	4
	UNIVERSAL CORONA RING	14	EUC	2	
	φ200 TUBE TO 2Xφ38 TWISTED TYPE 45 TAP-OFF	15	ETP-TW 2-AB	3	
	PIN INSULATOR	16	-	21	
	EARTHING STUDS (20kA)	17	-	12	
	L-SHAPED E/STUD ADAPTOR-TYPE B	18	-	6	

EQUIPMENT SUPPORT FOUNDATION PLAN

- NOTE:
 1. EQUIPMENT FOUNDATION LEVEL TO BE 150 ABOVE FINISHED TERRACE LEVEL EXCEPT WHERE OTHERWISE SHOWN ON ELEVATION. THE THREE SEPARATE BASES FOR THE SAME ITEM OF EQUIPMENT ARE TO BE AT THE SAME LEVEL. (EG: CT BASES ON ALL THREE PHASES).
 2. PI & STEELWORK AT POSITIONS MARKED THUS * PG & STEELWORK AT POSITIONS MARKED THUS #
 3. FOUNDATIONS L,M MUST BE AT SAME LEVEL AS BUSBAR SUPPORT FOUNDATIONS BS154-BS156 & BS157-BS159.

FINAL DESIGN FOR CONSTRUCTION
 ORIGINAL DRG #: N/A
 CONCEPT DRG #: N/A
 DETAIL DRG #: MOO21P05-SE-D16-16 REV 0

FOUNDATION	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
FOUNDATION DRG No 0.54/	401	Moo21P05-SE-E41	3568	4713 SHT 6	4169	4358	4368	4358	401	4713 SHT 5	4358	4358	4358	4358	4358
EQUIPMENT	LABEL SUPP	TRFR	TDB 0902	JB 8200	SA&F IRE WALL	ES	CT	CB	LABEL SUPP	JB 8100	PI	PG ISOL	PI	ISOL (RHES)	PI
EQUIPMENT RATING	AMPS						3150	4000				3150		3150	
	kA					50	50	50				50		50	
EQUIPMENT STEM/PAD SIZE					φ38	8HHP	8HHP	8HVP			225 PCD	8HVP	225 PCD	8HHP	225 PCD
MAKER		HYOSUNG			ABB	HAPAM	ARTECHE	SIEMENS			SUNZHOU	HAPAM	SUNZHOU	HAPAM	SUNZHOU
OUTLINE DRG No. 0.54/					8866	10038S1	09565	9905			10585	10036 SHT 1	10585	10025-SHT 1	10585
STEELWORK	SUPPORT	400 SHT 1			4160/5865	302	309	302	400 SHT 2		303	TBC	303	302	303
DRG No 0.54/	CAP/ADAPTOR				307;6326;6603	306;10108	311	306			779	TBC	779	306, 10112	779

0	FIRST ISSUE				15/08/2025
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
		Eskom Holdings SOC Ltd Reg No 2002/015527/30			
MOOKODI 400kV TRANSFORMER 14					
Moo21P05-SE-E13					0
				SHEET NUMBER	REVISION
				16	0