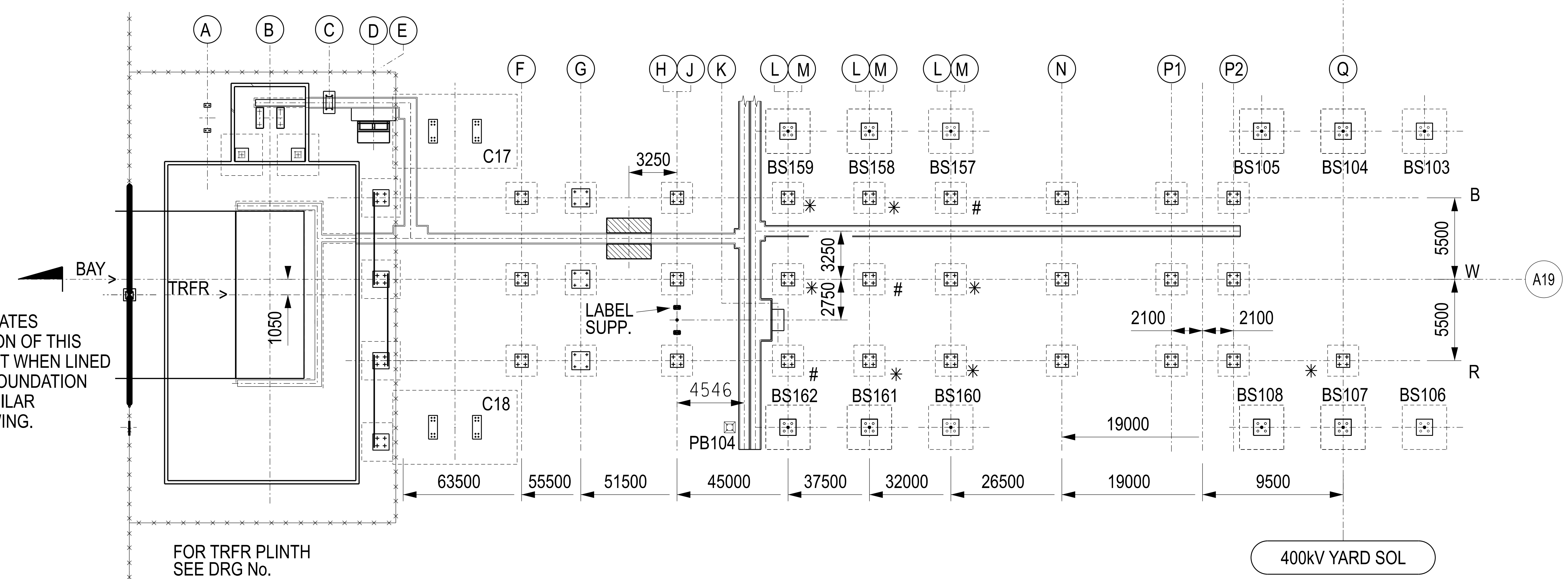
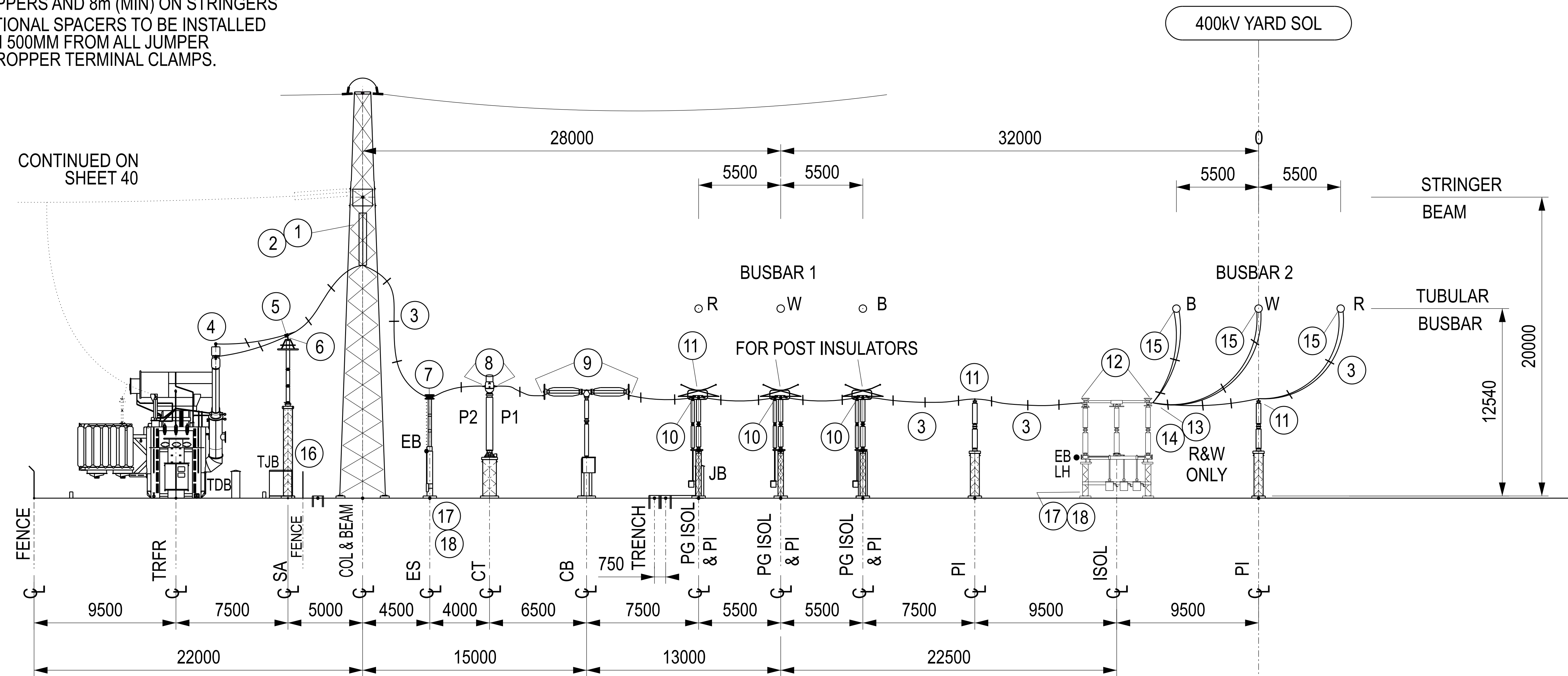


**ELEVATION ON ELECTRICAL EQUIPMENT**

- 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.



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

CONDUCTOR AND HARDWARE SCHEDULE		SIZE	QUANT.			
CONDUCTOR	BUSBAR	Ø 250 AI TUBE				
	STRINGERS & DROPPERS	2x800mm <sup>2</sup>	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
			(200 TUBE TO 2X(38 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 BS157-BS159 & BS160-BS162.

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&FIREWALL	ES	CT	CB	LABEL SUPP	JB 8100	PI	PG ISOL	PI	ISOL (LHES)	PI
EQUIPMENT AMPS							3150	4000				3150		3150	
EQUIPMENT RATING						50	50	50				50		50	
EQUIPMENT STEM/PAD SIZE					Ø38	8HHP	8HHP	8HVP			127 PCD	8HVP	127 PCD	8HHP	127 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	301	400 SHT 2		303	10248 SHT 4	303	10248 SHT 2, 313	303
STEELWORK CAP/ADAPTOR					307:6326:6603	306, 10112	311	306, 10249			779	306, 313	779	306, 10112	779

1	PG ISOL STEELWORK SUPPORT CONFIRMED. CB STEELWORK SUPPORT UPDATED. BS LABELLING UPDATED.	M Nthangase			11/03/2026
0	FIRST ISSUE.				
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
Eskom National Transmission Company South Africa Company South Africa TM		National Transmission Company South Africa SOC Ltd Reg No 2021/539129/30			
<h1>MOOKODI</h1> <p>400kV TRANSFORMER 14</p>					
Moo21P05-SE-E13					1
SHEET NUMBER					REVISION
16					1