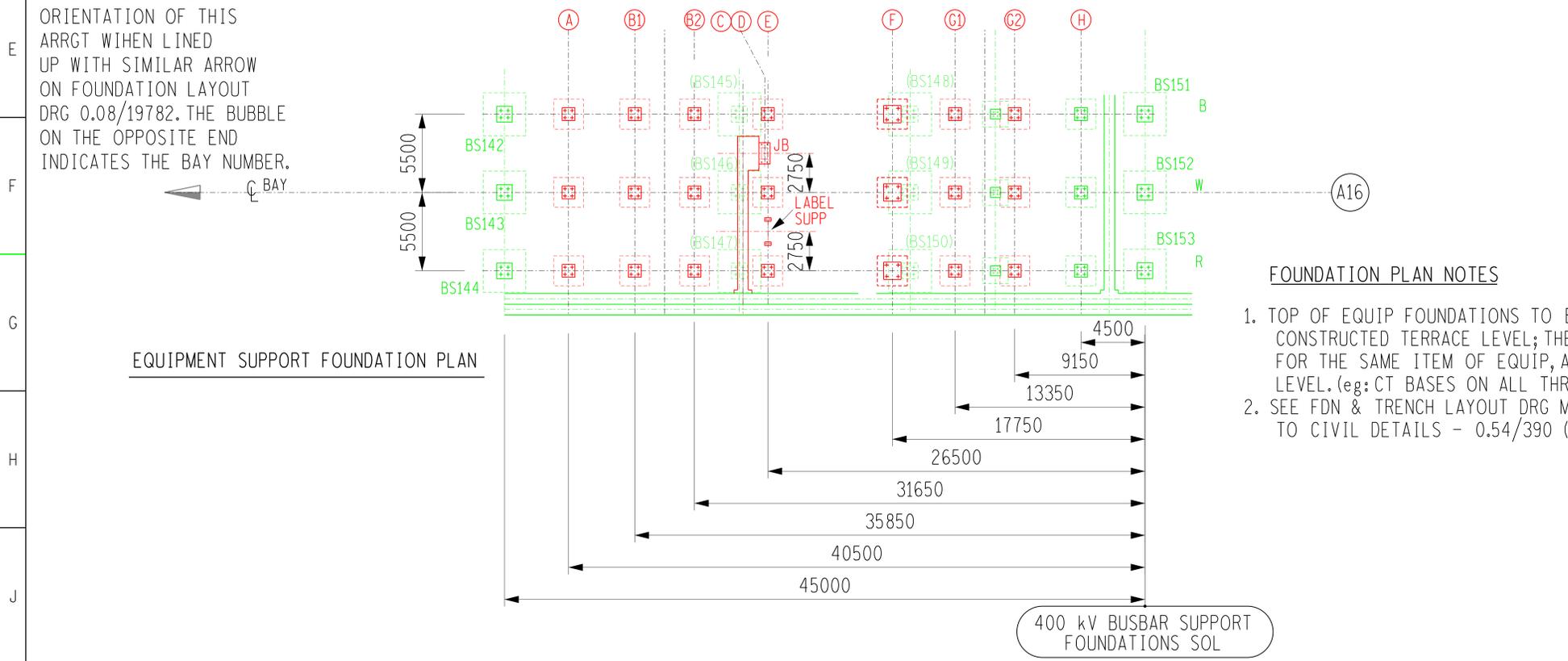


ELEVATION ON ELECTRICAL EQUIPMENT

ELEVATION NOTES

- SPACERS MK 2 & 2a TO BE AT 2m CRS ON DROPPERS.

ARROW INDICATES ORIENTATION OF THIS ARRGT WIHEN LINED UP WITH SIMILAR ARROW ON FOUNDATION LAYOUT DRG 0.08/19782. THE BUBBLE ON THE OPPOSITE END INDICATES THE BAY NUMBER.



EQUIPMENT SUPPORT FOUNDATION PLAN

FOUNDATION PLAN NOTES

- TOP OF EQUIP FOUNDATIONS TO BE MIN 150mm ABOVE CONSTRUCTED TERRACE LEVEL; THE THREE SEPARATE BASES FOR THE SAME ITEM OF EQUIP, ARE TO BE AT THE SAME LEVEL. (eg: CT BASES ON ALL THREE PHASES)
- SEE FDN & TRENCH LAYOUT DRG MOO21P05-SE-D8 FOR REFERENCE TO CIVIL DETAILS - 0.54/390 (JB's, RAMPS etc).

CONDUCTOR AND HARDWARE SCHEDULE		BAY DESIGNATION		
		400kV BUS SECTION		
CONDUCTOR	BUSBAR	SIZE	QUANTITY	
	STRINGER AND DROPPER	φ 250x6WT AL TUBE	350m	
		3x800 mm ²	30m	
EQUIPMENT EARTHING	2x800 mm ²	75m		
CLAMPS AND HARDWARE TO DRG No.0.54/412 AND TSP 474-218	DESCRIPTION	MK	ITEM	QUANTITY
	φ250 TUBE TO 3xφ38 IN LINE TYPE CLAMP WITH 0° TAP-OFF.	1	ETP-IL 3-K	6
	TRIPLE CONDUCTOR SPACER	2	ES-E	51
	TWIN CONDUCTOR SPACER	2a	ES-B	12
	CLAMP	3	ETC-K	12
		4	EX-E	12
		5	EYC3-J	6
		5a	EYC3-H	6
		6	EYC3-G	6
		7	EYC3-H	6
INDICATED THUS: *	EARTHING STUD (20kA)	8	-	24
	L-SHAPED STUD ADAP-TYPE B	9	-	12

CLAMP NOTES

- WHERE FAULT LVLS EXCEED 25kA, APPROPRIATE SPACER TO BE INSTALLED ADJACENT TO EYC3 CLAMPS.

FINAL DESIGN FOR CONSTRUCTION
 ORIGINAL DRG #: N/A
 CONCEPT DRG #: N/A
 DETAIL DRG #: MOO21P05-SE-D16-10 REV 1

FOUNDATION	A	B	C	D	E	F	G	H
FOUNDATION DRG No 0.54/	4358	4358	401	4713 SHT 5	4358	4368	4358	4358
APPLICATION GUIDE 0.54/8829-		SHEET 8A			SHEET 8G		SHEET 8A	
EQUIPMENT	CVT	ISOL (2ES)	LABEL SUPP	JB 8100	CB	CT	ISOL (2ES)	CVT
EQUIPMENT RATING	AMPS	3150			4000	2500	3150	
	kA	63			50	50	63	
EQUIPMENT STEM/PAD SIZE		8HHP			8HVP	8HHP	8HHP	2 x φ38
MAKER	ARTECHE	HAPAM			SIEMENS	ARTECHE	HAPAM	ARTECHE
OUTLINE DRG No. 0.54/	9511	10027-SHT 1			9905	9565	10027-SHT 1	9511
STEELWORK DRG No 0.54/	SUPPORT	302	302	400 SHT 2	302	309	302	302
	CAP/ADAPTOR	307	306,10112		306	311	306,10112	307

0	FIRST ISSUE FOR CONSTRUCTION. CIVIL WORK ONLY.				17/07/2025
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE

Eskom
 Eskom Holdings SOC Ltd
 Reg No 2002/015527/30

MOOKODI
 400kV BUSBAR 1 BUS SECTION 2

© Moo21P05-SE-E13

SHEET NUMBER	REVISION
10	0