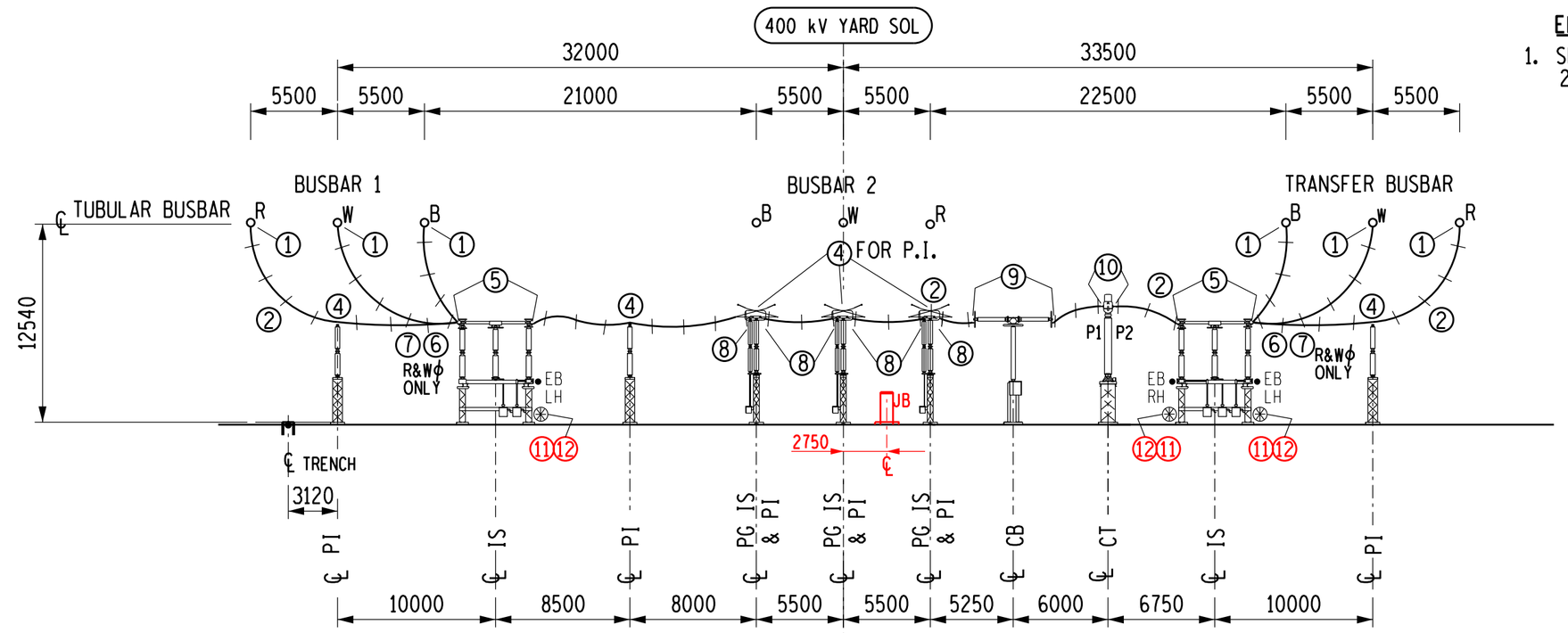


ELEVATION ON ELECTRICAL EQUIPMENT

ELEVATION NOTES

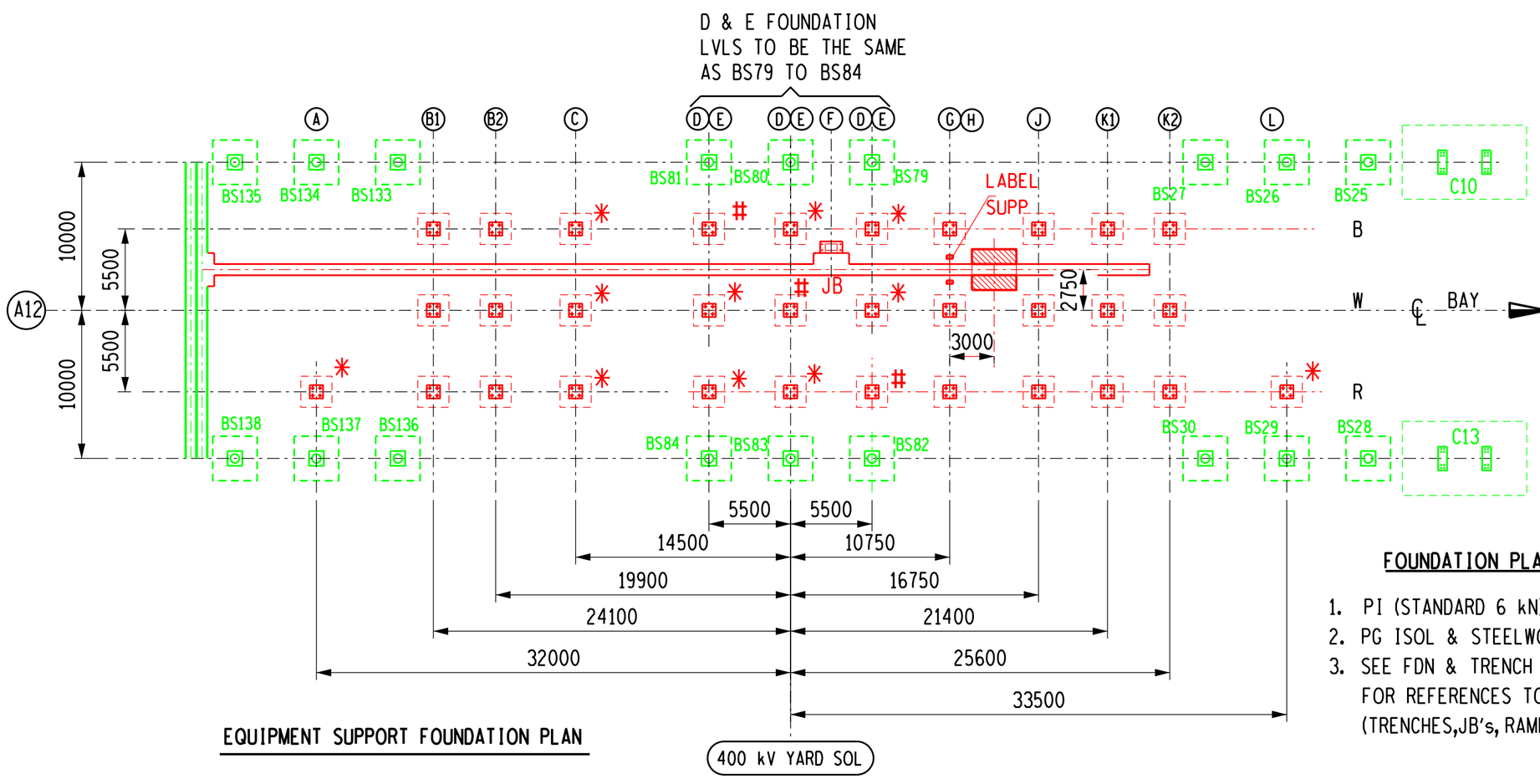
1. SPACER MK 2 TO BE AT 2m CRS ON DROPPERS.

CONDUCTOR AND HARDWARE SCHEDULE		BAY DESIGNATION	
		SIZE	QUANT.
CONDUCTOR	BUSBAR	Φ 250 Al TUBE	——
	STRINGER AND DROPPER	3x800mm²	620m
	EQUIPMENT EARTHING	50x3 Cu	39m

CLAMPS AND HARDWARE TO 240-53113923 AND 240-53113927	DESCRIPTION	MK	ITEM	QUANT.
	Φ 250 TUBE TO 3 x Φ38 TWISTED TYPE 90° TAP-OFF CLAMP	1	ETP-TW-3-M	6
	TRIPLE CONDUCTOR SPACER	2	ES-E	102
	CLAMP	3	-	-
		4	EXCP3-C	11
		5	EYC3-H	12
	UNIVERSAL CORONA RING	6	EUC	4
	CLAMP - ΦR & ΦW ONLY	7	EX-D	8
	CLAMP	8	EYC3-J	6
		9	EYC3-H	6
		10	EYC3-G	6
INDICATED THUS: ⊛	EARTHING STUDS (20kA)	11	-	18
	L-SHAPED EARTH STUD ADAPTOR TYPE B	12	-	9

CLAMP NOTES

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



EQUIPMENT SUPPORT FOUNDATION PLAN

ALL DIMENSIONS FROM SETTING OUT LINE

ARROW INDICATES ORIENTATION OF THIS ARRANGEMENT WHEN LINED UP WITH SIMILAR ARROW ON FOUNDATION LAYOUT DRG MOO21P05-SE-D8. THE BUBBLE ON THE OPPOSITE END INDICATES THE BAY NUMBER.

FOUNDATION PLAN NOTES

1. PI (STANDARD 6 kN) & STEELWORK AT POSITIONS THUS: ✳
2. PG ISOL & STEELWORK AT POSITIONS THUS: #
3. SEE FDN & TRENCH LAYOUT DRAWING 0.08/19782 FOR REFERENCES TO ALL 0.54/390 CIVIL DETAILS. (TRENCHES, JB's, RAMPS etc)

FINAL DESIGN FOR CONSTRUCTION
ORIGINAL DRG #: N/A
CONCEPT DRG #: N/A
DETAIL DRG #: MOO21P05-SE-D16-19 REV 0

FOUNDATION		A	B	C	D	E	F	G	H	J	K	L
FOUNDATION DRG No 0.54/		4358	4358	4358	4358	4358	4713 SHT 5	4358	401	4368	4358	4358
APPLICATION GUIDE 0.54/8829-		——	SHEET 8A	——	——	——	——	SHEET 8G	——	——	SHEET 8A	——
EQUIPMENT		PI	ISOL (LHES)	PI	PG ISOL	PI	JB 8100	CB	LABEL SUPP	CT	ISOL (2ES)	PI
EQUIPMENT RATING	AMPS	——	3150	——	3150	——		4000		2500	3150	——
	kA	——	63	——	63	——		50		50	63	——
EQUIPMENT STEM/PAD SIZE		225 PCD	8HHP	225 PCD	8HVP	225 PCD		8HVP		8HHP	8HHP	225 PCD
MAKER		PPC	HAPAM	PPC	HAPAM	PPC		SIEMENS		ARTECHE	HAPAM	PPC
OUTLINE DRG No. 0.54/		8315	10026-SHT 1	8315	10037 SHT 2	8315		9905		9565	10027-SHT 1	8315
STEELWORK DRG No 0.54/	SUPPORT	303	302	303	304	303		302	400 SHT 2	309	302	303
	CAP/ADAPTOR	779	306, 10112	779	306	779		306		311	306;10112	779

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
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Eskom Transmission

Eskom Holdings SOC Ltd
Reg No 2002/015527/30

MOOKODI

400kV TRANSFER COUPLER A

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MOO21P05-SE-E13

SHEET NUMBER 19

REVISION 0

SIZE GROOTTE A1L