

SCHEDULE OF MAIN BASES 132 kV YARD					
ITEM	MARK	TYPE	No OFF	DRG No 0.54/	REMARKS
COLUMN		24m	0	6106 SH1 1-3	LOCATED ON THIS DRAWING
	C87-C98, C102-C127	132/C	38	336, 337	
BEAM		NBS (275kV)	4	3902	
	C85, C86, C128, C129	NBS	2	4781	
	B35 - B43, B46 - B62	132/43,372	26	6613	
U-BOLTS				186	336
TUBULAR B/B SUPPORT	BS324-BS395		72	4320	
TUBULAR B/B SUPPORT LABEL FRAME BRACKET			2	5601	
OP FLOOD-LIGHT MAST	OLM19, OLM20	24m	2	4658	
EARTH WIRE SUPPORT	C87-C92, C102-C114, C122-C127	EW	25	336, 337	

SCHEDULE OF MAIN BASES 400 kV YARD					
ITEM	MARK	TYPE	No OFF	DRG No 0.54/	REMARKS
COLUMN	C17, C18, C64-C67, C69-C83	NC1	21	3531	LOCATED ON THIS DRAWING
	C19, C20, C30, C31	NC9	4	3538	
	C21/OLM15, C68/OLM11, C84/OLM13	24m	3	6106 SH1 1-3	
BEAM	B7, B11, B29, B31, B34, B35	NB2	5	3533	
	B7, B11, B29, B31, B34, B35	NB7	6	5520	
TUBULAR B/B SUPPORT	BS501-BS518, BS503-BS508, BS517-BS519, BS501-BS551		117	6434	
TUBULAR B/B SUPPORT LABEL FRAME BRACKET			2	5601	
OP FLOOD-LIGHT MAST	OLM03-OLM05, OLM12, OLM14, OLM16-OLM18	24m	8	4658	
EARTH WIRE SUPPORT	C19, C20, C30, C31	EW	4	3541	

SCHEDULE FOR EQUIPMENT BASES 132 kV YARD					
TYPE	DRG No 0.54/	No OFF	REMARKS		
MEDIUM EQUIP SUPPORT (2m)	301	6			
MEDIUM EQUIP SUPPORT (2.5m)	302	26			
MEDIUM EQUIP SUPPORT (3m)	303	16			
MES CAP	306	21			
MES CAP	307	6			
MES CAP	3512 SH1	16			
EARTH SWITCH CAP	10101	1			
ISOLATOR CAP ZES	10103	2			
AUX TRFR SUPPORT	2088	1			
22kV TERTIARY BA	COLUMN TYPE 'CA'	315	2		
BEAM TYPE 'BA'		315	2		
LABEL BRACKET 'J' TYPE	403	33			
LABEL BRACKET 'L' TYPE	1794	21			
132kV TUBULAR BB SUPPORT FRAME BRACKET	5601 & 1790	4			

SCHEDULE FOR EQUIPMENT BASES 400 kV YARD					
TYPE	DRG No 0.54/	No OFF	REMARKS		
MEDIUM EQUIP SUPPORT (2.5m)	302	45			
MEDIUM EQUIP SUPPORT (3m)	303	30			
MEDIUM EQUIP SUPPORT (3.5m)	304	9			
MES CAP	306	51			
MES CAP	307	9			
MES CAP	779	30			
LES CAP	309	12			
LES CAP L2	311	12			
ISOLATOR & ES CROSS BEAM 5500mm	10112	22			
SUPPORT FIRE BARRIER 6m	4160	4			
S/STEEL FIRE BARRIER MODULE 'C'	5865	3			
TOP CAP	6206	3			
MES E/STRAP INSUL MOUNTING BRACKET	6603	3			
LABEL SUPPORT & FRAME	400 SH1	2			
LABEL BRACKET 'J' TYPE	403	41			
LABEL BRACKET 'L' TYPE	1794	16			
400kV TUBULAR BB SUPPORT FRAME BRACKET	5601 & 1790	4			

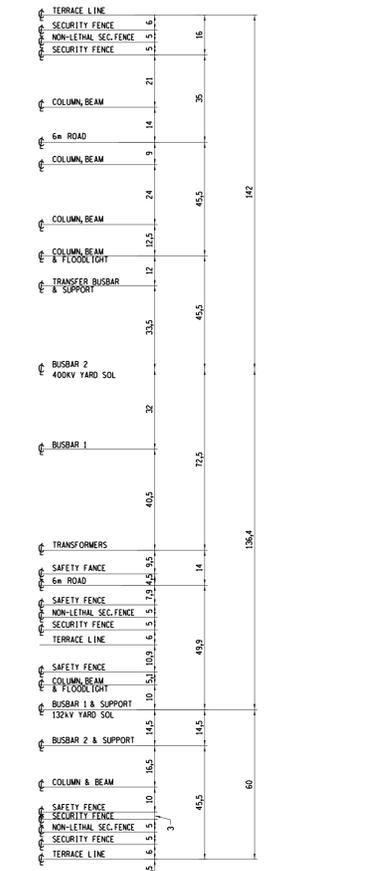
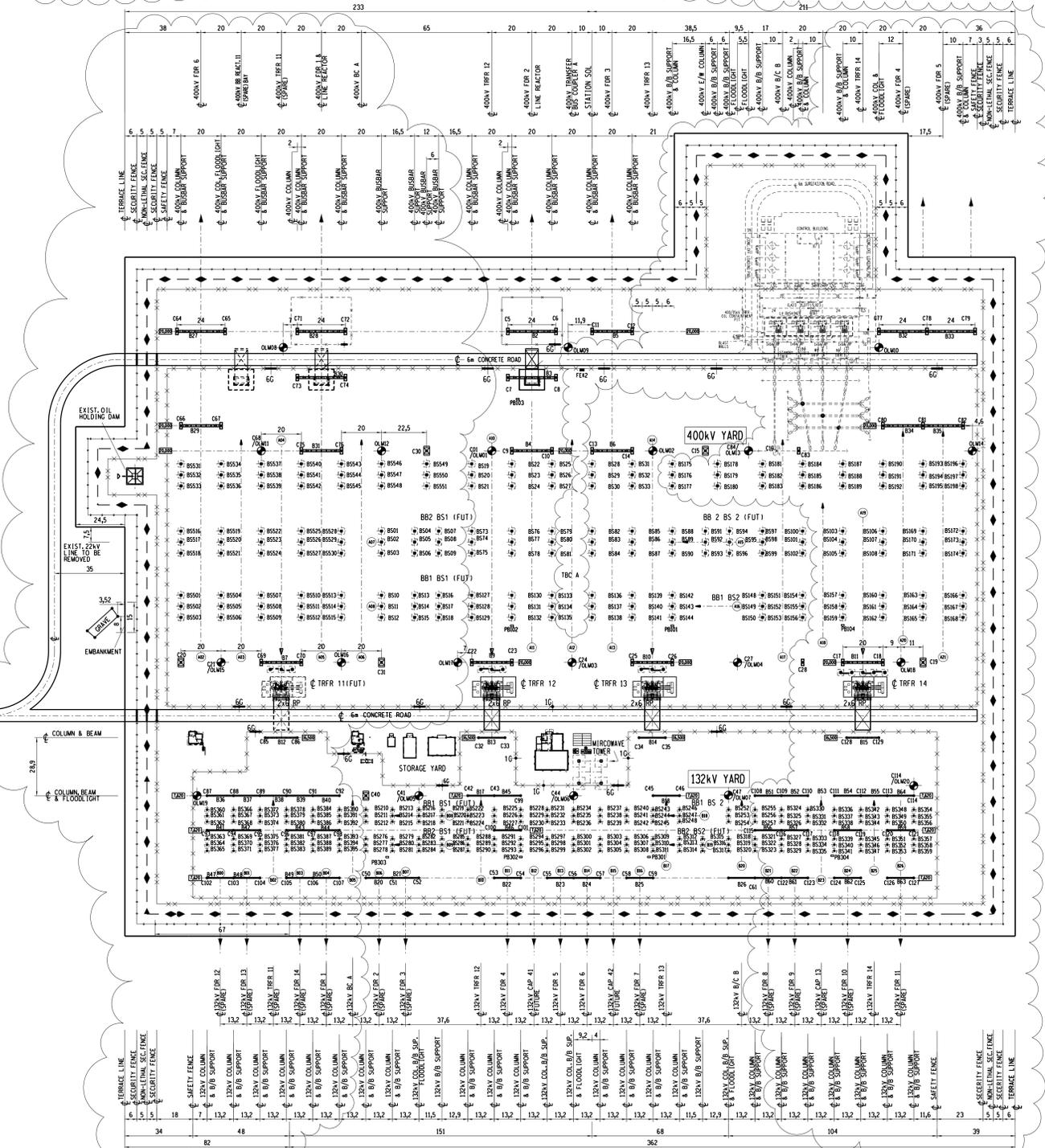
SCHEDULE OF MAIN STEELWORK 400 kV YARD (SCHEDULE A)					
ITEM	MARK	TYPE	No OFF	DRG No 0.54/	REMARKS
COLUMN	C5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,28	NC2	15	3531	
BEAM	B2 & B3	NB2	2	3533	
	B4,B5,B6,B9 & B10	NB7	5	4461	
B/B SUPPORT & CAP	BS19-33, BS73-102	SUPPORT	75	6434	
		CAP	4	4722	
OP FLOOD-LIGHT MAST	C15, C16, 24 & C27	NC9	4	4659	
	OLM 1	24m	1	4659	

SCHEDULE OF MAIN STEELWORK 132 kV YARD (SCHEDULE B)					
ITEM	MARK	TYPE	No OFF	DRG No 0.54/	REMARKS
132kV COLUMN	C32, C33, C34, C35, C40, C42, C43, C45, C46, C50-C58	132/C	21	336, 337	
132kV C/W SUPPORT	C32, C33, C34, C35, C40, C42, C43, C45, C46, C50-C58	132/C	21	336, 337	
400kV COLUMN	C414, C44 & C47	NC9	3	3531	
132kV BEAM	B13, B14, B17, B18, B19, & B20-B26	132/40/2	11	6613	
B/B SUPPORT	BS210-BS257 & BS276-BS323		96	4320	
OP FLOOD-LIGHT MAST	C34, C37 & C40		3	6106-SHT1-3	

SCHEDULE C - EQUIPMENT STEELWORK 400kV YARD					
TYPE	DRG No 0.54/	No OFF	REMARKS		
CIRCUIT BKR SUPPORT	7670	6	SUPPLIED WITH CB		
ISOLATOR SUPPORT	7671	7	SUPPLIED WITH ISOL		
PG ISOLATOR SUPPORT	8410	6	SUPPLIED WITH ISOL		
EARTH SWITCH SUPPORT	7672	7	SUPPLIED WITH PG		
LARGE EQUIP SUPPORT (2.5m)	309	18	CT		
MEDIUM EQUIP SUPPORT (2.5m)	302	4	LT		
SA INSULATED BASE	6603	15	BASE PLATE		
SA CAP	6306	15	PI		
MEDIUM EQUIP SUPPORT (3.0m)	302	12	CVT		
MEDIUM EQUIP SUPPORT (2.5m)	302	12	CVT		
MEDIUM EQUIP SUPPORT (2.5m)	302	1	SA		
MEDIUM EQUIP SUPPORT (3.0m)	303	6	SA IN 400kV FEEDERS 2&3		
MES TOP CAP	307	12	CVT		
MES TOP CAP	7102	3	PIASA		
MEDIUM EQUIP SUPPORT (4.0m)	304	3	PIASA		
MES TOP CAP	306	3	PIASA		
MES TOP CAP	703	71	PI		
MES TOP CAP	306	16	SA		
LES CAP	311	18	CT		
MES CAP	4	1	LT		
SUPPORT FIRE BARRIER - 6m	4160	9	SA (TRFR 12,13 & REACTOR BAY)		
STAINLESS STEEL FIRE BARRIER	5865	3	SA (TRFR 12,13 & REACTOR BAY)		
LMU BRACKET	673	12	CVT		
LABEL SUPPORT & FRAME	400	9	TRFR, CB		
LABEL FRAME BRACKET	1790	8	BUSBARS		
LABEL BRACKET - 'J' TYPE	403	103	PH DISC, E/SW, ALL LABELS ON MES.		
LABEL BRACKET - 'L' TYPE	1794	46	ISOL MECH BOX & PH DISC ON O/W BEAM		

SCHEDULE D - EQUIPMENT STEELWORK 132kV YARD					
TYPE	DRG No 0.54/	No OFF	REMARKS		
CIRCUIT BKR SUPPORT	6934	5	SUPPORT TO BE SUPPLIED WITH CB		
CONVENTIONAL ISOLATOR SUPPORT (LH)	7702	2	SUPPORT TO BE SUPPLIED WITH ISOL		
CONVENTIONAL ISOLATOR SUPPORT (RH)	7703	2	SUPPORT TO BE SUPPLIED WITH ISOL		
CONVENTIONAL ISOLATOR SUPPORT	7692	2	SUPPORT TO BE SUPPLIED WITH ISOL		
IN-LINE ISOLATOR SUPPORT	7698	6	SUPPORT TO BE SUPPLIED WITH ISOL		
EARTH SWITCH SUPPORT (3000mm)	5951	6	132kV TRFR 12 & 13 BAYS		
EARTH SWITCH SUPPORT (3600mm)	5952	6	132kV TRFR 12 & 13 BAYS		
		34	PI		
		15	CT		
M.E.S (2.5m & 3.0m HIGH)	302 & 303	6	SA		
		6	SA		
		6	VT		
LMU BRACKET	673	6	VT		
LABEL BRACKET 'J' TYPE	403	150	PH DISC, E/SW, ISOL, CB		
LABEL BRACKET 'L' TYPE	1794	33	PH DISC ON O/W BW		
LABEL SUPPORT & FRAME	400	10	TRFR, CB		
LABEL FRAME	1790	8	BUSBARS		
LABEL FRAME BRACKET	5601	8	BUSBARS		
		6	VT		
		12	SA		
M.E.S CAP	306	12	SA		
		34	PI		

SCHEDULE OF MAIN STEELWORK IN TERTIARY BAYS (PHASE 1) (FOR TRANSFORMER 12 & 13 AND REACTOR)					
ITEM	TYPE	DRG No 0.54/	No OFF		
COLUMN	TYPE 'CA'	315	4		
BEAM	TYPE 'BA'	315	2		
AUX TRFR SUPPORT		2088	2		
NEC SUPPORT		2088	1		



- NOTES:**
- ALL CIVIL WORKS TO COMPLY WITH S.A.B.S 1200.
 - FOR STANDARD EARTHING SPEC SEE 0.54/393.
 - MAIN EARTHING INDICATED AS THIS:
 - REFER TO 0.54/390 FOR STANDARD CIVIL DETAIL. CABLE TRENCH SHOWN AS THIS:
 - FOR EQUIPMENT FOUNDATION LAYOUT SEE BAY LAYOUT SCHEDULE 0.37/5223
 - ARROW SHOWN ON BAY LAYOUT SCHEDULE 0.37/5223 INDICATES ORIENTATION OF EQUIPMENT FOUNDATIONS WHEN LINED UP WITH SIMILAR ARROW ON BAY LAYOUT SCHEDULE.
 - REFER TO DRG 0.37/5220 FOR SECURITY FENCE SETTING OUT DIMENSIONS
 - FOUNDATIONS INDICATED AS BEING GROUPED TO BE IN ACCORDANCE WITH S.A.B.S 1200.
 - SEE BAY LAYOUT SCHEDULE 0.18/19713 FOR EARTHING OF EQUIPMENT
 - EARTH MAT MATERIAL TO BE CONFIRMED AFTER TERRACE CONSTRUCTION

FINAL DESIGN FOR CONSTRUCTION
 ORIGINAL DWG # 0.18/19712 REV 0
 CONCEPT DWG # N/A
 DETAIL DWG # MOO21P05-SE-E13 REV 1

APPROVED BY	REVISION DESCRIPTION	DRAWN	CHKD	DATE	MOO21P05-SE-E13	KEY PLAN
DATE: 15/08/2025	DATE: 15/08/2025	DATE: 15/08/2025	DATE: 15/08/2025	DATE: 15/08/2025	DATE: 15/08/2025	DATE: 15/08/2025
Eskom Holdings SOC Ltd Reg No 2002/015521/30						
MOOKODI STEEL MARKING PLAN 400/132kV						
SCALE 1:1000						
SHEET NUMBER: 0 REVISION: 0						