STAGE 1 SCHEDULE AA: EQUIPMENT BASES 400kV YARD			
TYPE	No OFF	DRG No 0.54/	REMARKS
CIRCUIT BREAKER	3	4358	FOR LOCATION OF THESE BASES SEE BAY LAYOUT SCHEDULES SolP21P05-SE-D16
ISOLATOR	18	4358	
MEDIUM EQUIPMENT SUPPORT PAD TYPE(CVT,SA,P1)	20	4358	
JUNCTION BOX	1	4713-SHT 5	
LARGE EQUIPMENT SUPPORT PAD TYPE(CT, LT& P1)	6	4368	
LABEL SUPPORT	1	401	

STAGE 1 SCHEDULE BB: MAIN BASES 400kV YARD					
ITEM	MARK	TYPE	No OFF	DRG No 0.54/	REMARKS
400kV COLUMN	C11	NC1	2	3996	

STAGE 2 SCHEDULE CC: EQUIPMENT BASES 400kV YARD			
TYPE	No OFF	DRG No 0.54/	REMARKS
CIRCUIT BREAKER	6	4358	FOR LOCATION OF THESE BASES SEE BAY LAYOUT SCHEDULES SolP21P05-SE-D16
ISOLATOR	30	4358	
MEDIUM EQUIPMENT SUPPORT PAD TYPE(CVT,SA,P1)	35	4358	
JUNCTION BOX	2	4713-SHT 5	
LARGE EQUIPMENT SUPPORT PAD TYPE(CT, LT& P1)	12	4368	
LABEL SUPPORT	2	401	

STAGE 2 SCHEDULE DD: MAIN BASES 400kV YARD					
ITEM	MARK	TYPE	No OFF	DRG No 0.54/	REMARKS
400kV COLUMN	C15 & C18	NC1	2	3996	
	C16 & C17	NC9	2		
B/B SUPPORT	BS49 - BS72	-	24	4726	
OP FLOODLIGHT MAST	OLM07 & OLM08	24m	2	4659	

NOTES:
1. ALL CIVIL AND BUILDING WORK COMPLY WITH S.A.B.S.1200 STD. SPECS.
2. REFER TO 0.54/390 FOR STANDARD CIVIL DETAILS. CABLE TRENCHES SHOWN THUS: ═══════
3. FOR EQUIPMENT FOUNDATIONS SEE BAY LAYOUT SCHEDULE 0.32/7801
4. ARROW SHOWN ON BAY THUS: A1 ·····→ INDICATES ORIENTATION OF EQUIPMENT FOUNDATIONS WHEN LINED UP WITH SIMILAR ARROW ON BAY LAYOUT SCHEDULE.
5. REFER TO DRG.0.32/7709 FOR SECURITY FENCE SETTING-OUT DIMENSIONS
6. FOUNDATIONS INDICATED AS BEING GROUPED TO BE IN ACCORDANCE WITH S.A.B.S.1200 STD.SPECS.
7. SEE TERRACE LAYOUT DRG FOR LEVELS RELATIVE TO DATUM '0'
8. REFER TO 0.10/7802 FOR EARTHMAT LAYOUT, TYPICAL EARTHING DETAILS & EARTHING SCHEDULES

TRENCH, RAMP, KIOSK AND SLEEVES DETAILS PERTAINING TO 0.54/390 (STANDARD CIVIL DETAILS)	
LEGEND	DETAIL/QUANTITY
	(A) DTL 15 (SINGLE CABLE TRENCH)
	(B) DTL 16B (DOUBLE CABLE TRENCH)
	(C) DTL 19 (TRIPLE CABLE TRENCH)
	(D) DTL 19 (2 OFF)
	(E) DTL 20 (1 OFF) (EXISTING)
	(F) DTL 21 (1 OFF) (EXISTING)
	(G) DTL 22 (2 OFF)
	(H) DTL 22A (1 OFF)
	(J) DTL 23 (1 OFF) (EXISTING)
	(K) DTL 76 (2 OFF)
	(L) DTL 33 (EXISTING)
	(M) DTL 34 (EXISTING)
	(N) DTL 37; TYPE A, THUS- SINGLE TRENCH RAMP : 2 OFF DOUBLE TRENCH RAMP : 0 OFF (TOTAL: 11 OFF)
	(P) DETAIL 42 AND 43 SLEEVE PIPES FOR EARTHMAT AND/OR CABLES (EXISTING)
	(Q) DTL 19A (4 OFF)
	(R) DTL 15C (NARROW CABLE TRENCH) (APPROX. 28m)
	(S) DTL 22B (6 OFF)
	(T) DTL 27 (1 OFF)

-MAY VARY-

DETAILED DESIGN NOT FOR CONSTRUCTION
ORIGINAL DWG #: 0.12/7795 REV 2
CONCEPT DWG #: N/A

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	SolP21P05-SE- REF DRAWINGS
3	400kV DB1 & OLM07 SHIFTED IN DIAMETER GC, TRENCHING UPDATED, SCHEDULES CC & DD ADDED TO REFLECT STAGE 2 SCOPE.				13/09/2023	D16 BAY LAYOUT
2	BAY SPACING'S REVISED.	GT	ALG	MP	30/09/2022	D13 STEELWORK
1	UPINGTON STRENGTHENING-STAGE 2 EXTEND 132kV YARD FOR FERRUM FDR BAY, SCHEDULES AA & BB ADDED	GT	ALG	MP	18/03/2022	D10 EARTH MAT LAYOUT
0	UPINGTON STRENGTHENING SCHEDULES AA & BB FOR STAGE 1 SHOWN, COLUMN FDN ADDED.	ALG	SB	MP	03/12/2021	D7 KEY PLAN
						DK STATION ELECTRIC

APPROVED BY: M.PEFFER	Eskom Holdings SOC Ltd Reg No 2002/015527/30
DATE: 03/12/2021	
CHECKED BY: S. DHUDA	UPINGTON MTS FOUNDATION & TRENCH LAYOUT DRAWING
DATE: 03/12/2021	
DRAWN BY: A.LE GRANGE	©
DATE: 03/12/2021	SHEET NUMBER: SolP21P05-SE-D8 REVISION: - 3
SCALE 1:750	SIZE: A0 GROOTTE: AOL