NORTHERN CAPE LAND SURVEY

NORTHERN CAPE OPERATING UNIT
LINE DESIGN STUDIES
PO BOX 1091
KIMBERLEY
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Eskom Distribution

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FEEDER : HERBERT - VAALFARMERS	EXISTING POWERLINE INFORMATION
PROJECT NAME : HERBERT/VAALFARMERS 22kV REBUILD	kV 22
CONDUCTOR : ESKOM	STRUCTURE TYPE : T-TYPE
	ADMIN DISTRICT : DOUGLAS
CONDUCTOR LENGTH: MINK 14276 / FOX 85 / 14361	SURVEYED : E. KLUUSE DATE : 2021-02-28
	DRAWN : E. KLUUSE DATE : 2021-02-28

MATERIAL LIST

MATERIAL NO.	DESCRIPTION	QTY
D-01-1747	3 Phase - Delta / 2x2.5m Wood X-arm - 0° Deviation	1
D-01-1767	3 Phase - H-Pole / 2 x 3.0m Wood X-arm - Strain - 0° Deviation	24
D-01-1768	3 Phase - H-Pole / 2 x 3.0m Wood X-arm - Strain - Reduced(< 60°) Deviation	4
D-01-1769	3 Phase - H-Pole / 2 x 3.0m Wood X-arm - Strain - Terminal	1
D-01-1777	3 Phase - H-Pole / 2 x 4.0m Wood X-arm - Strain - 0° Deviation	1
D-01-1783	3 Phase - Tripe - Strain - 0° Deviation (Front seat	2
D-01-1870	3 Phase T-Frame / 2M Steel X-arm - Intermediate - 0°Deviation	119
D-01-1873	3 Phase - H-Pole / 2 x 4.0m Wood X-arm - Strain - Large (60°-90°) Deviation	2
D-01-1884	3 Phase Take-off - 2.0m Wooden X-arm	5
D-01-1887	3 Phase Take-off - H-Pole (2 x 3.0m Wooden X-arm)	2
D-01-1914	Phase / phase Take-off - 2.0m Wooden X-arm	1
D-01-1947	Section Links - Cut-outs - 3.0m / 4.5m Wood X-arm / H-pole	2
D-01-1948	Section Links - Cut-outs - 2.5m Wood X-arm / Single Pole	3

NO. SINGLE STAYS	17
NO. DOUBLE STAYS	65
NO. TRIPLE STAYS	4
NO. STAYS	102

POLES													
TYPE	8M	-	9M	-	10M	13M	12M	24	13M	2	14M	-	15M	-	

NO.	
GPS FILES	102

CROSSINGS

TYPE OF CROSSING	CANAL / ROAD	RAILWAY	MAIN ROAD	PIPELINE	RIVER	TRANSFORMER							
TOTAL	2		1		1	50kVA	1	25kVA	1	100kVA	1	200kVA	1

PROPERTY OWNER DETAIL

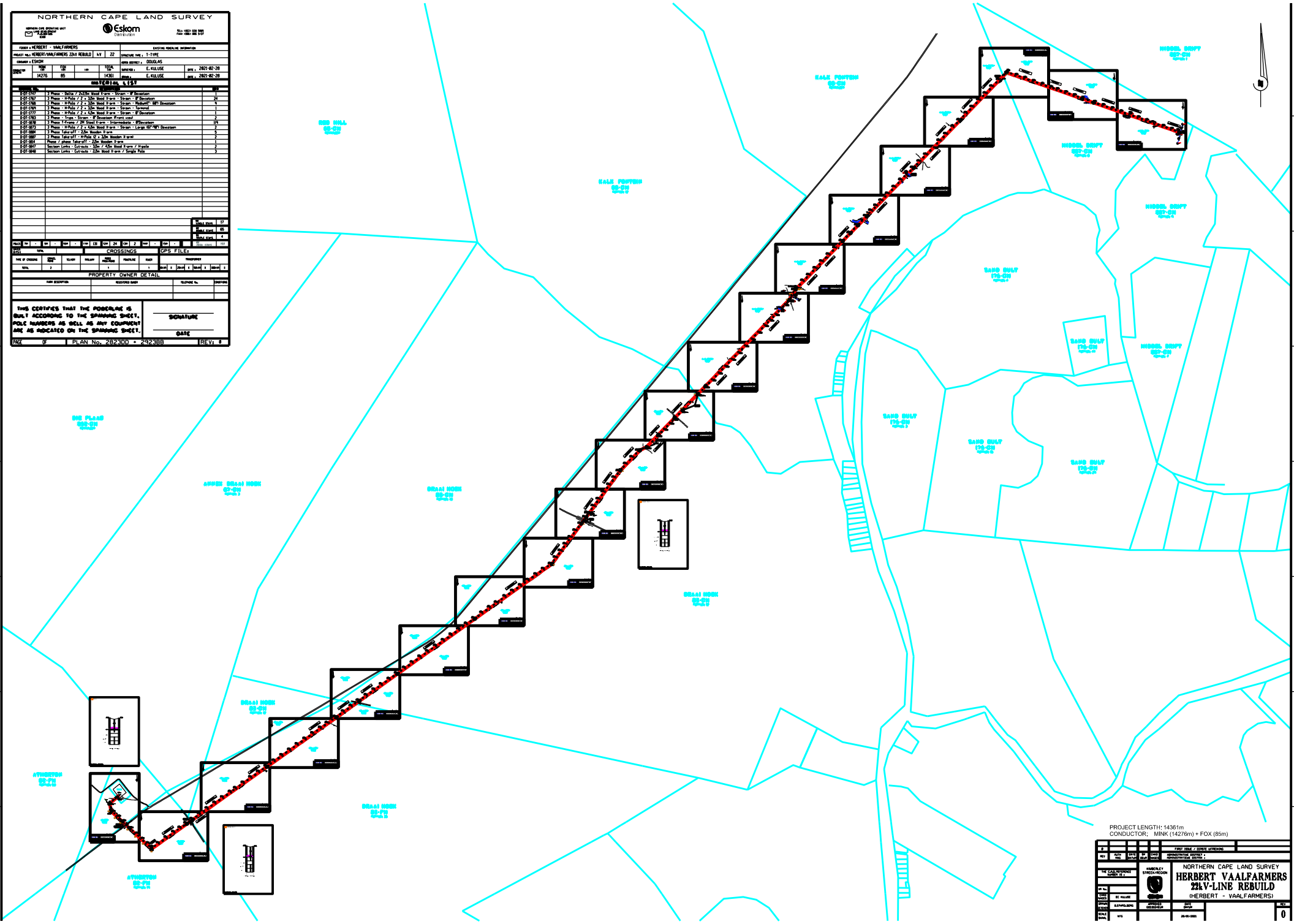
FARM DESCRIPTION	REGISTERED OWNER	TELEPHONE No.	CONDITIONS

THIS CERTIFIES THAT THE POWERLINE IS BUILT ACCORDING TO THE SPANNING SHEET, POLE NUMBERS AS WELL AS ANY EQUIPMENT ARE AS INDICATED ON THE SPANNING SHEET.

SIGNATURE

DATE

PAGE OF | PLAN No. 282300 + 292388 | REV: 8



PROJECT LENGTH: 14361m
CONDUCTOR; MINK (14276m) + FOX (85m)

REV	AUTH NAME	DATE DRAWN	BY CHKD	CHKD NAME	FIRST ISSUE / ISSUED FOR CONSTRUCTION
0					

ADMINISTRATIVE DISTRICT : DOUGLAS
ADMINISTRATIVE DIVISION :

THE CALD REFERENCE NUMBER IS :

KIMBERLEY STREECK/REGION

NORTHERN CAPE LAND SURVEY

HERBERT VAALFARMERS 22kV-LINE REBUILD

(HERBERT - VAALFARMERS)

DR No.	
CHKD NAME	EC KLUUSE
DRAWN DESIGNER	D.STAPOLSBERG
APPROVED DESIGNER	
DATE DRAWN	26/01/2021
SCALE DRAWING	NTS
REV	0