

VAN ASWEGENSHOEK

SELFBOU - SKEMA

Kontakpersoon: Kiewiet
Sel. 082 804 0389

Oorhoofse Kraglyn

Spanning: ***22kV***

Spanlengtes: ***111m***

Tipe Lyn: ***3Ø-Bird Friendly***

Geleier : ***Fox***

Lengte: ***3156m***

Streek: ***Christiana***

Opmeter: ***L.Hauman***
082 668 4215 – S0540

ESKOM **BILL OF STRUCTURES - 3-PH** FREESTATE

PROJECT NUMBER CUSTOMER	VAN ASWEGENSHOEK - SELFBUILD	FARM	VAN ASWEGENSHOEK
SURVEYOR DRAUGHTSPERSON	L.HAUMAN - S0540 L.HAUMAN	DISTRICT	BOSHOF
		DATE	September 6, 2018

FEEDER : TYPE OF SUPPLY :	BLOEMHEUWEL-BEREA 22 Kv
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Structure type	Structure description	Structure code	Number
STEEL 2,0m X-ARM	3-PH 0 DEG INTERMEDIATE (T-FRAME)	D-DT1870	23
DELTA 2,5m X-ARM	3-PH 0 DEG INLINE STRAIN	D-DT1743	
DELTA 2,5m X-ARM	3-PH 1-60 DEG ANGLE STRAIN	D-DT1744	
DELTA 2,5m X-ARM	3-PH TERMINAL	D-DT1746	
DELTA STEEL X-ARM	3-PH 60-90 DEG STRAIN	D-DT1735	
H-POLE 3,5m X-ARM	3-PH 0 DEG STRAIN	D-DT1763	2
H-POLE 3,5m X-ARM	3-PH 1-60 DEG STRAIN	D-DT1764	3
H-POLE 3,5m X-ARM	3-PH TERMINAL	D-DT1766	2
2,5m X-ARM	3-PH TAKE OFF	D-DT1804	
3,5m X-ARM	3-PH TAKE OFF / H-POLE	D-DT1806	
REGULATOR	GENERAL ARRANGEMENT	D-DT1830	
CT/VT METERING	GENERAL ARRANGEMENT	D-DT1841	
TRFR 5-100kVA	SINGLE POLE MOUNTED	D-DT1860	
TRFR 100-200kVA	H-POLE PLATFORM MOUNTED	D-DT1861	
TRFR 300-500kVA	5-POLE DOUBLE PLATFORM MOUNTED	D-DT1862	
TRFR 5-100kVA	2 POLE PLATFORM MOUNTED "IN-LINE"	D-DT1863	
TRFR 100-200kVA	DOUBLE POLE MOUNTED	D-DT1865	
TRFR 5-100kVA	SINGLE POLE MOUNTED "OUT OF LINE"	D-DT1866	
H-POLE 2 X 4,5m X-ARM	3-PH STRAIN 61-90 DEG DEVIATION	D-DT1873	2
SECTION CUT/OUTS	DELTA 3,5m X-ARM / H-POLE	D-DT1847	
SECTION CUT/OUTS	DELTA 2,5m X-ARM / SINGLE POLE	D-DT1848	2
EQUIP CUT/OUTS	DELTA 2,5m X-ARM / SINGLE POLE	D-DT1849	
EQUIP CUT/OUTS	DELTA 3,5m X-ARM / H-POLE	D-DT1851	
H-POLE	DELTA 2 X 4,5m WOODEN X-ARM (61-90) DEG. DEV	D-DT1873	
Total number of structures			34

7m pole	100 dia	
	120 dia	
11m pole	140 dia	
	160 dia	28
	180 dia	
12m pole	140 dia	
	160 dia	6
	180 dia	
13m pole	140 dia	
	160 dia	8
	180 dia	

Stays	42
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Struts	
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Gates	
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Conductor	3156 X 3 =9 468m FOX CONDUCTOR
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EQUIPMENT	1 X 315kVA TFR
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Customer Details	STANLEY DE BEER
Physical Address	PLAAS VAN ASWEGENSHOEK,CHRISTIANA ,2680
	SEL: 0828217270
Wayleave Agreement	
Postal Address	

Customer Details	FC DE BEER
Physical Address	PLAAS VAN ASWEGENSHOEK,CHRISTIANA ,2680
	SEL: 0823338276
Wayleave Agreement	
Postal Address	

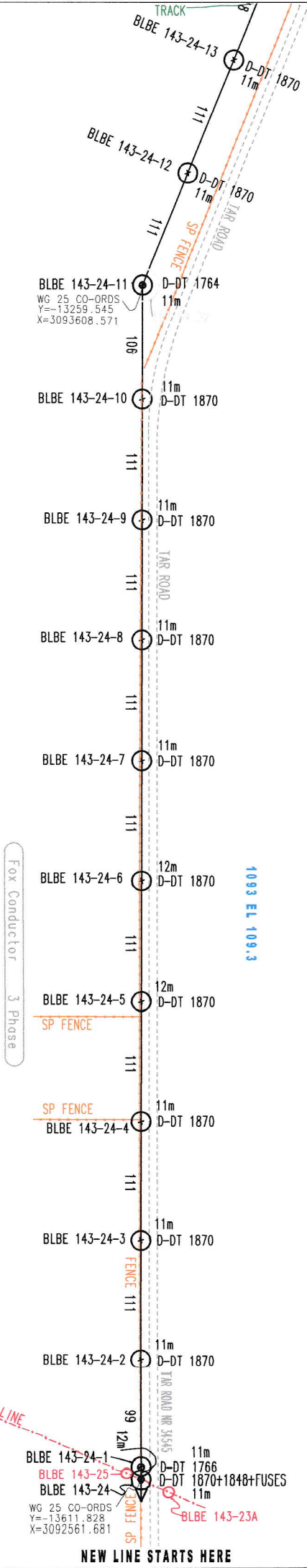
Customer Details	
Physical Address	
Wayleave Agreement	
Postal Address	

Customer Details	
Physical Address	
Wayleave Agreement	
Postal Address	

Customer Details	
Physical Address	
Wayleave Agreement	
Postal Address	

DESD (ENVIRO)	COMPLETED	YES
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REMARKS :



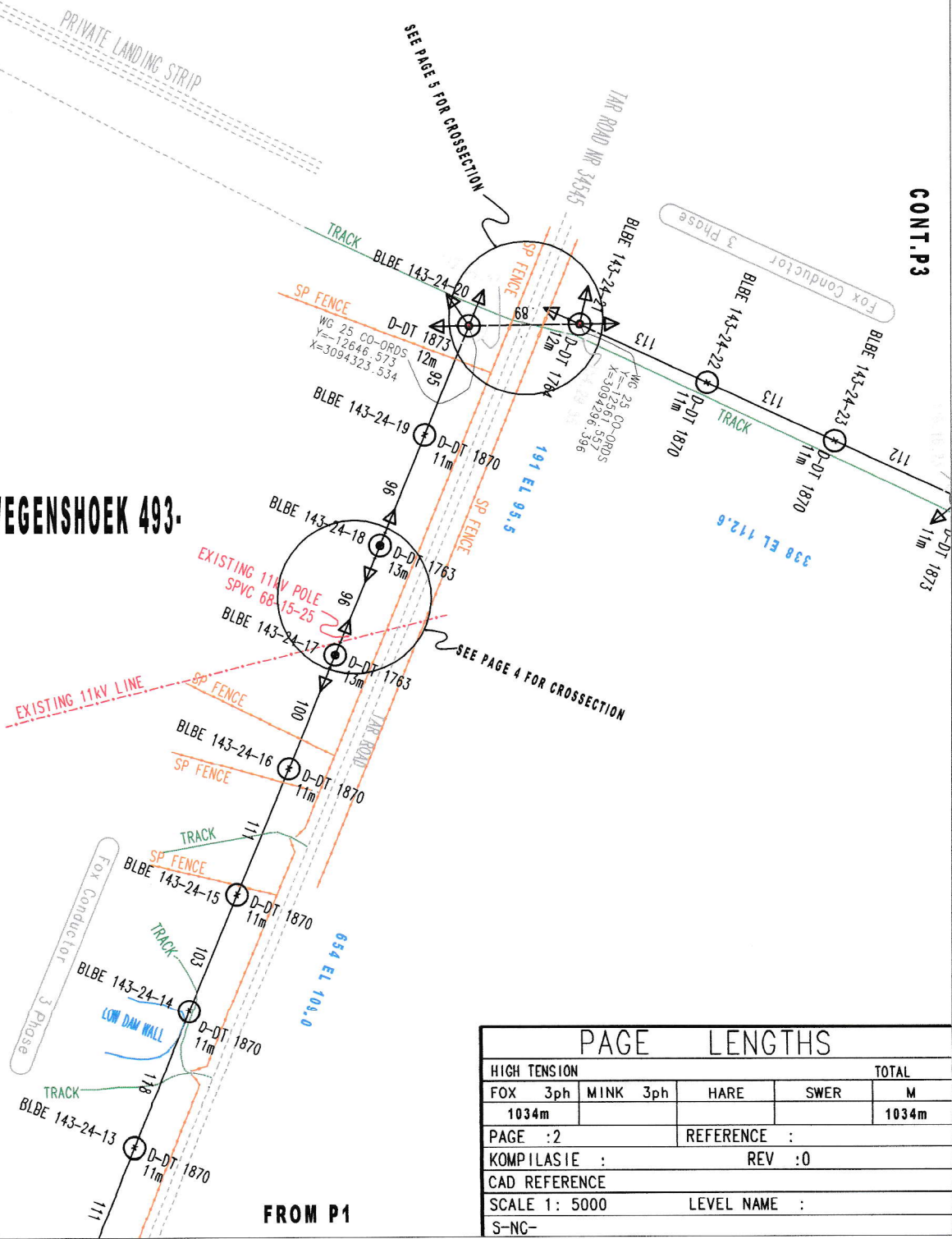
-VAN ASWEGENSHOEK 493-

PAGE LENGTHS					
HIGH TENSION					TOTAL
FOX	3ph	MINK	3ph	HARE	SWER
1327m					M
					1327m
PAGE :1			REFERENCE ;		
KOMPIIASIE :			REV :0		
CAD REFERENCE					
SCALE 1: 5000			LEVEL NAME :		
S-NC-					



CONT.P3

-VAN ASWEGENSHOEK 493-



SEE PAGE 5 FOR CROSSSECTION

SEE PAGE 4 FOR CROSSSECTION

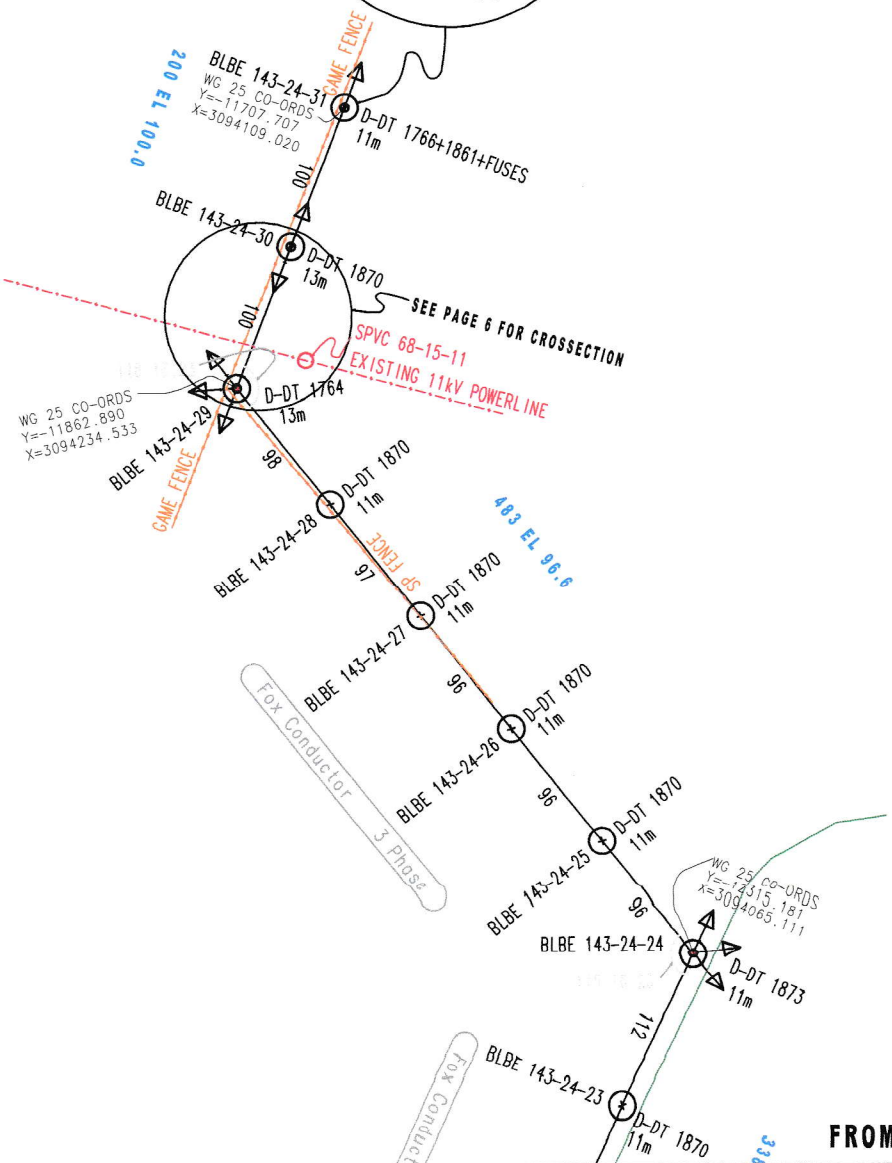
FROM P1

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					M
1034m					1034m
PAGE	:2			REFERENCE	:
KOMPILASIE	:			REV	:0
CAD REFERENCE					
SCALE	1: 5000			LEVEL NAME	:
S-NC-					



TERM
WHJ GOOSEN
VAN ASWEGENSHOEK
315 kVA
3 PHASE

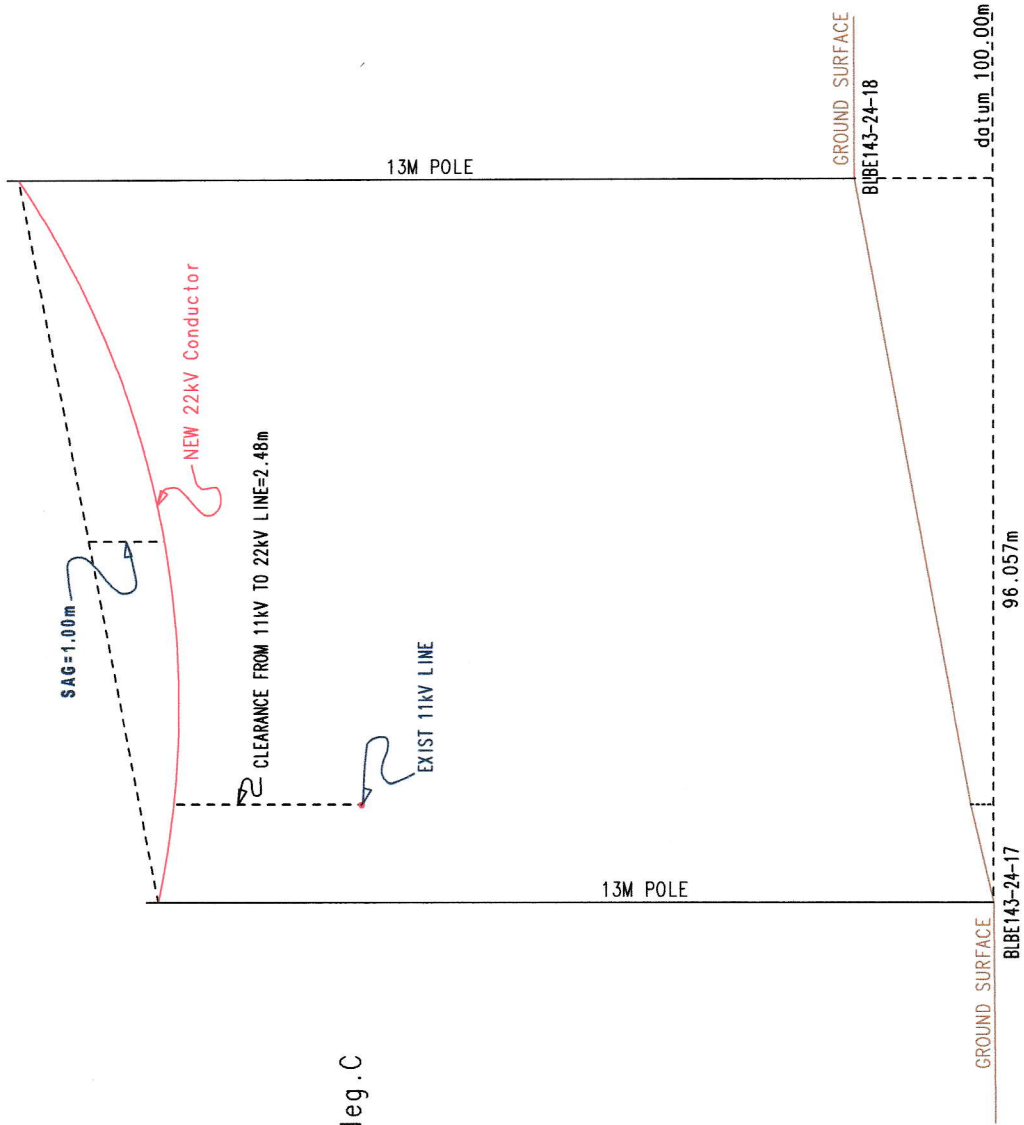
-VAN ASWEGENSHOEK 493-



PAGE LENGTHS					
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795m					795m
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KOMPIIASIE :			REV :0		
CAD REFERENCE					
SCALE 1: 5000			LEVEL NAME :		
S-NC-					

22kV AND 11kV LINE CROSSING

Cross section between BLBE143-24-17 & BLBE143-24-18 on page 2

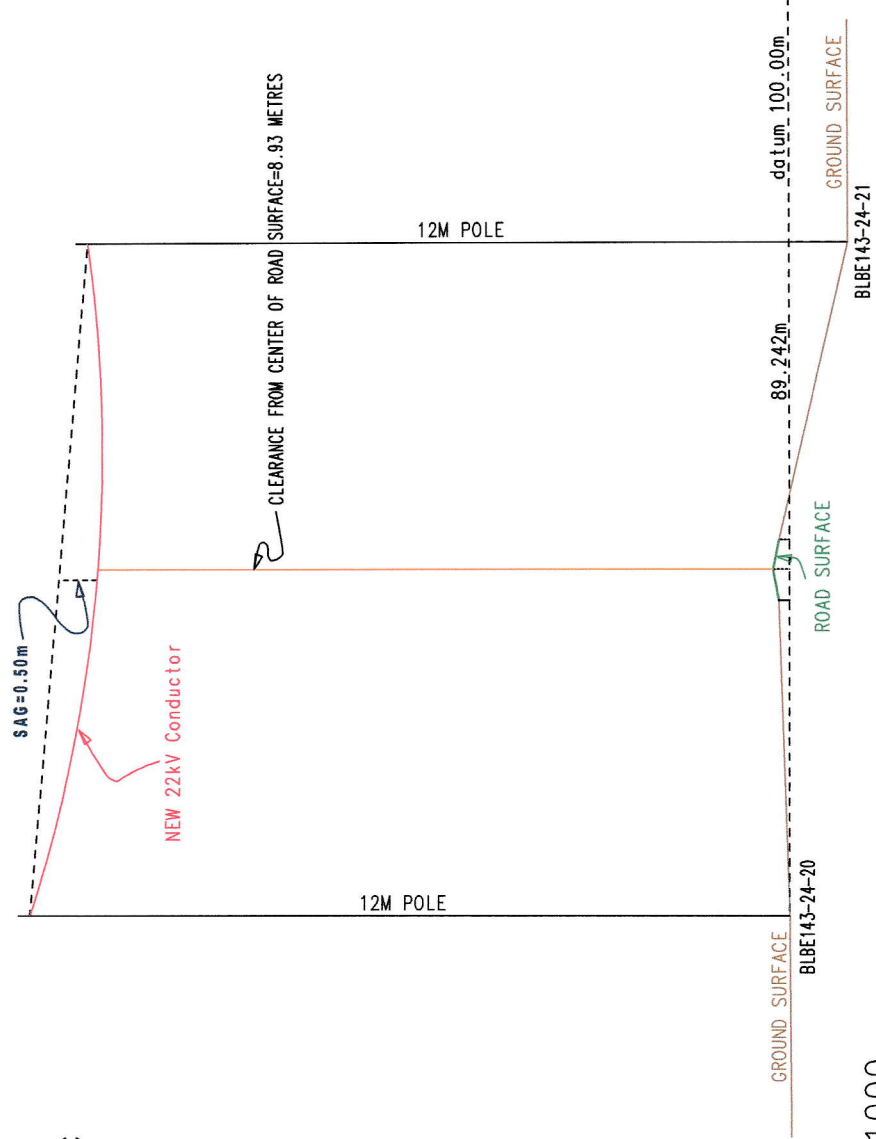


Templating Temp.=50deg.C

HOR: 1:1000
SCALE: VERT: 1:100

ROAD NR 34545 AND 22kV POWERLINE CROSSING

Cross section between BLBE143-24-20 & BLBE143-24-21 on page 2

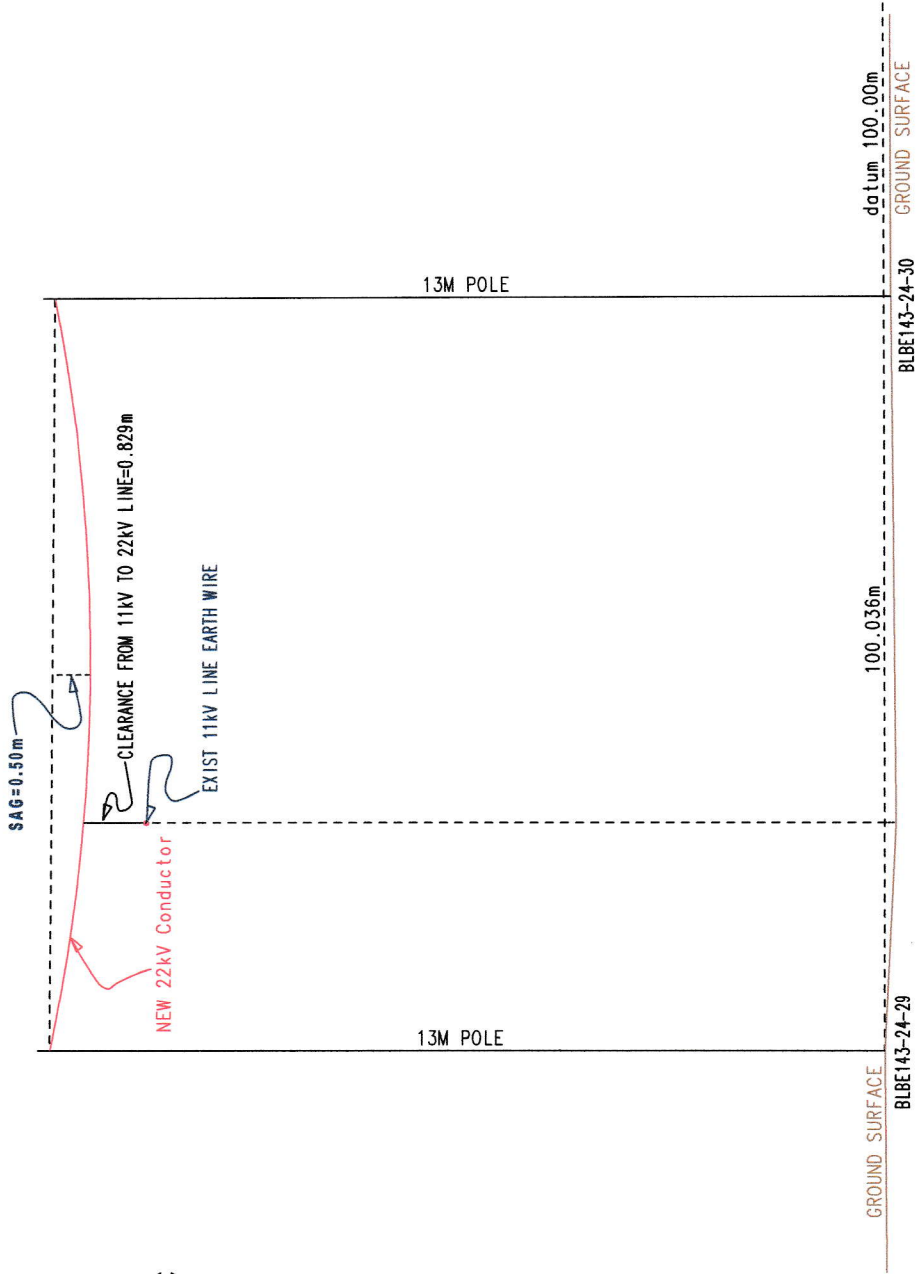


Templating Temp. = 50deg. C

HOR: 1 : 1000
SCALE: VERT: 1 : 100

22kV AND 11kV LINE CROSSING

Cross section between BLBE143-24-29 & BLBE143-24-30 on page 3



Templating Temp.=50deg.C

HOR: 1:1000
SCALE: VERT: 1:100