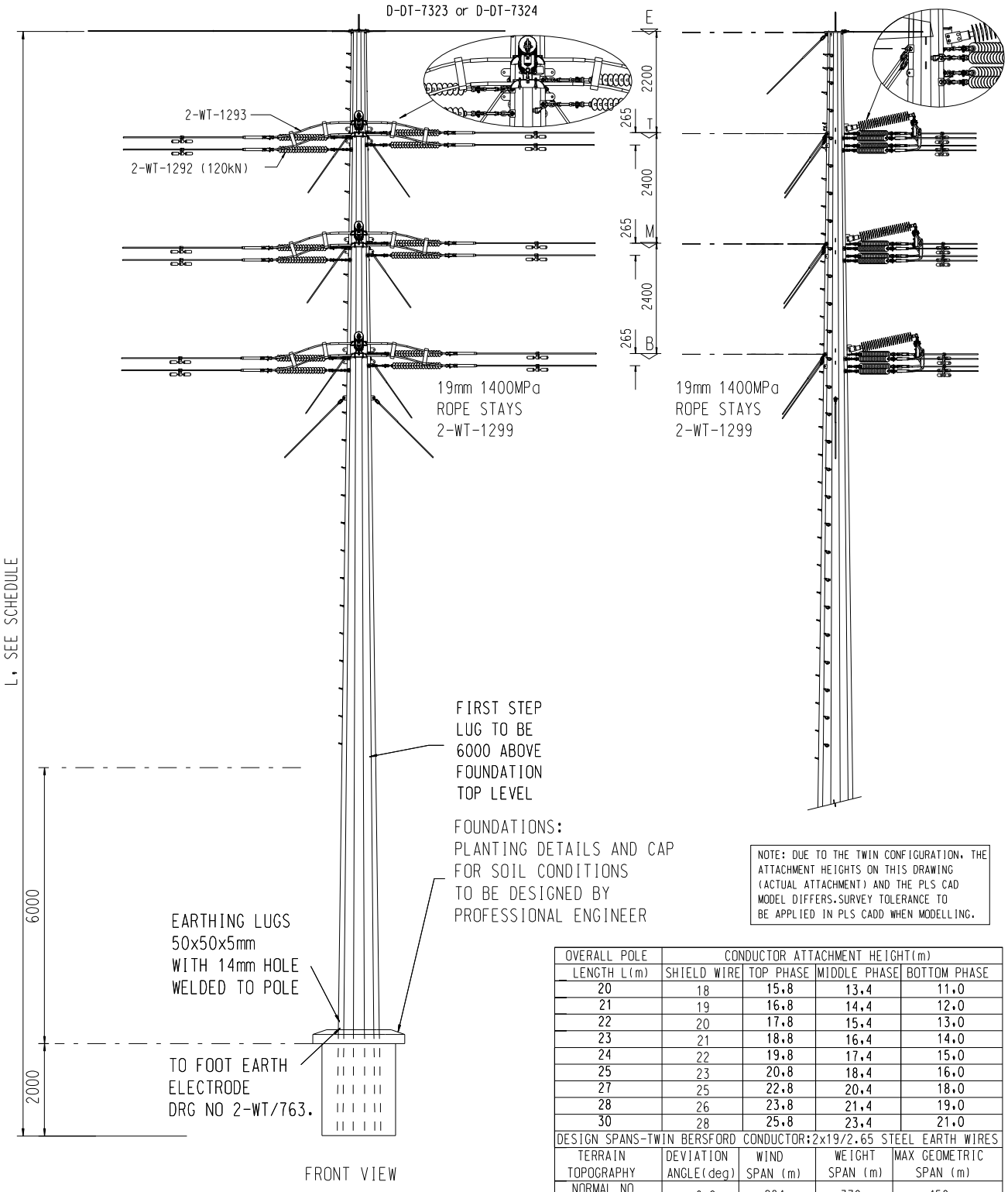

FRONT VIEW

NOTE: DUE TO THE TWIN CONFIGURATION, THE ATTACHMENT HEIGHTS ON THIS DRAWING (ACTUAL ATTACHMENT) AND THE PLS CAD MODEL DIFFERS. SURVEY TOLERANCE TO BE APPLIED IN PLS CADD WHEN MODELLING.

OVERALL POLE	CONDUCTOR ATTACHMENT HEIGHT(m)			
LENGTH L(m)	SHIELD WIRE	TOP PHASE	MIDDLE PHASE	BOTTOM PHASE
20	18	15.8	13.4	11.0
21	19	16.8	14.4	12.0
22	20	17.8	15.4	13.0
23	21	18.8	16.4	14.0
24	22	19.8	17.4	15.0
25	23	20.8	18.4	16.0
27	25	22.8	20.4	18.0
28	26	23.8	21.4	19.0
30	28	25.8	23.4	21.0

DESIGN SPANS-TWIN BERSFORD CONDUCTOR;2x19/2.65 STEEL EARTH WIRES

TERRAIN TOPOGRAPHY	DEVIATION ANGLE(deg)	WIND SPAN (m)	WEIGHT SPAN (m)	MAX GEOMETRIC SPAN (m)
NORMAL NO UPWIND SLOPES	0-2	284	370	450

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
					/ /
2	UPDATED TO INCLUDE KINGBIRD	H.W	J.LR	J.A	2009/03/13

L vd WALT	2005/11/07
AUTHORISED	DATE
A GOUWS	2005/02/11
CHECKED	DATE
J LE ROUX	2005/11/03
DRAWN	DATE
SCALE	1:100

THIS DRAWING IS THE PROPERTY OF ESKOM

Eskom Distribution

CAD REF:

FILE NAME:

132kV STEEL POLE
ANGLE STRAIN STRUCTURE (2-90)°
TWIN BERSFORT/KINGBIRD CONDUCTOR
GENERAL ARRANGEMENT

2-WT/1295	SET	SHEET	REVISION
	2	1	2