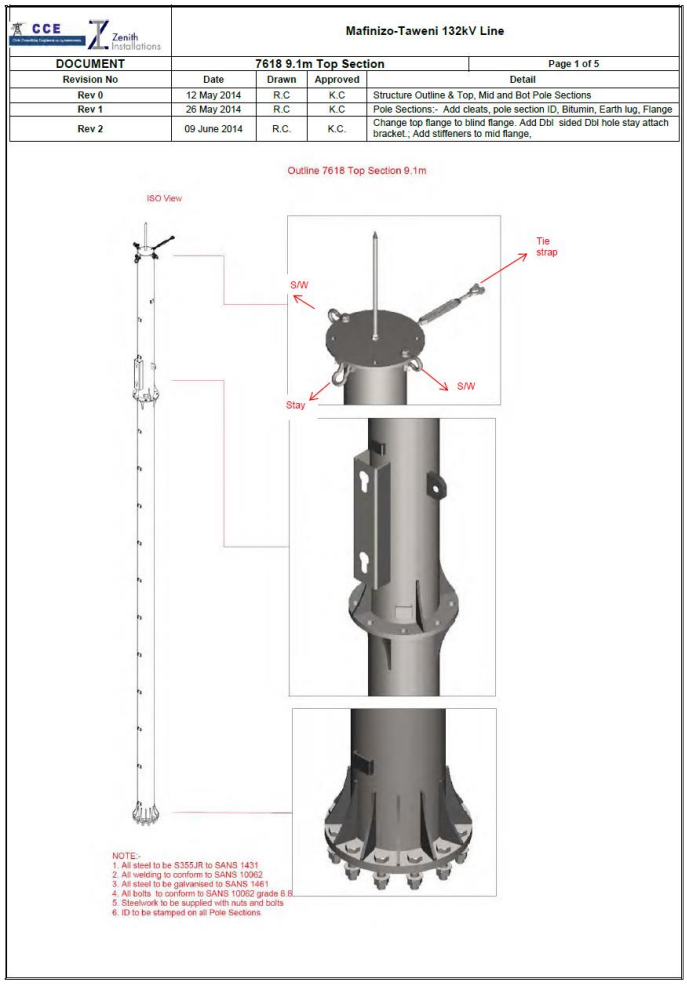
Project: Mafinizo Taweni 132kV Line

Date: 2014

Client: Zenith Installations

Description: The work entailed the design of dual circuit structures and the provision of steelwork manufacture drawings the Mafinizo Taweni 132kV Line.

Key Features:



CCE Zenith Installations

Mafinizo-Taweni 132kV Line

DOCUMENT	7618 9.1m Top Section			Page 1 of 5
Revision No	Date	Drawn	Approved	Detail
Rev 0	12 May 2014	R.C	K.C	Structure Outline & Top, Mid and Bot Pole Sections
Rev 1	26 May 2014	R.C	K.C	Pole Sections:- Add cleats, pole section ID, Bitumin, Earth lug, Flange
Rev 2	09 June 2014	R.C.	K.C.	Change top flange to blind flange. Add Dbl sided Dbl hole stay attach bracket.; Add stiffeners to mid flange,

Outline 7618 Top Section 9.1m

ISO View

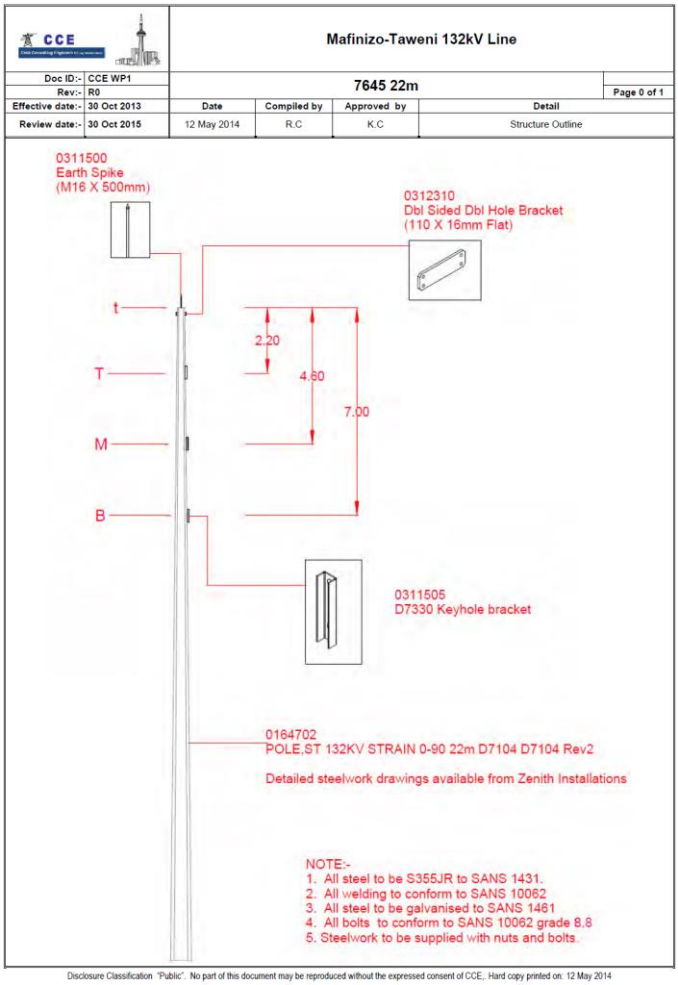
Tie strap

S/W

S/W

Stay

NOTE:-
1. All steel to be S355JR to SANS 1431
2. All welding to conform to SANS 10062
3. All steel to be galvanised to SANS 1461
4. All bolts to conform to SANS 10062 grade 8.8
5. Steelwork to be supplied with nuts and bolts
6. ID to be stamped on all Pole Sections



CCE

Mafinizo-Taweni 132kV Line

Doc ID:-	CCE WP1			
Rev:-	R0	7645 22m		Page 0 of 1
Effective date:-	30 Oct 2013	Date	Compiled by	Approved by	Detail
Review date:-	30 Oct 2015	12 May 2014	R.C	K.C	Structure Outline

0311500
Earth Spike
(M16 X 500mm)

0312310
Dbl Sided Dbl Hole Bracket
(110 X 16mm Flat)

t

T

M

B

2.20

4.60

7.00

0311505
D7330 Keyhole bracket

0164702
POLE,ST 132KV STRAIN 0-90 22m D7104 D7104 Rev2

Detailed steelwork drawings available from Zenith Installations

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3. All steel to be galvanised to SANS 1461
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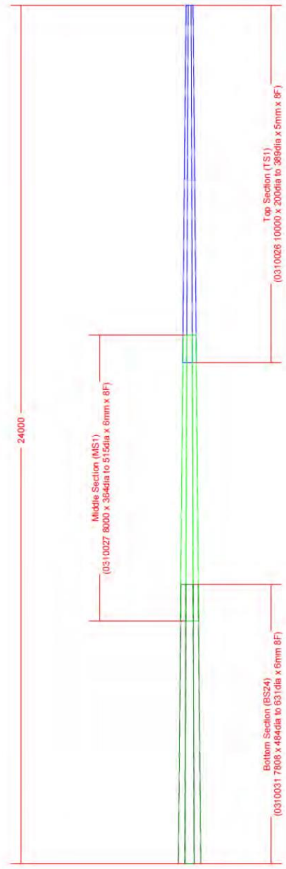
5. Steelwork to be supplied with nuts and bolts.

Mafinizo-Taweni 132kV Line

Doc ID:-	CCE WP1	7649 24m			Page 0 of 4
Rev:-	R0				
Effective date:-	30 Oct 2013	Date	Compiled by	Approved by	Detail
Review date:-	30 Oct 2015	12 May 2014	R.C	K.C	Structure Outline & Pole Sections (TS1, MS1, BS24)



NOTE:-
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