




ENGINEERING SURVEY DESIGN DRAWING

Reference	CAD-Line Survey-LOU
Effective Date	15/10/2015
Revision	01























60% Bushclearing
 Beware Of Water Pipe's
 Sandy and loamy Area
Trim 1 Marula Tree

Trf	New	New	Remove	Remove	Upgrade	Upgrade	Page
Zone	MV	LV	MV	LV	MV	LV	No
01	404.6	343.80	0.				3
02	208.0	458.6					3
03	139.3	1077.5					3;7
04	299.0	596.7					7
05	195.1	780.2					7;12
06	159.9	890.5					7;12
07	326.9	1131.2					16
08	120.2	623.3					12
09	105.8	1045.8					12;16
10	209.3	1174.3					16
11							
12							
Total	2167.9	8121.9					

	3	
	2	
	1	
M J Ramoadi	0	31/07/2023
SURVEYOR	REV	SURVEY DATE

FEEDER: Mothapo 22kV	CUSTOMER: Eskom		 <small>THIS DRAWING IS THE PROPERTY OF ESKOM Disclaimer: Eskom is not responsible for any errors displayed on this drawing</small>
PROJECT NO: Paledi Ext. 2 Pegging			
CONDUCTOR:	PROPERTY: Driefontein 991 LS Portions 1 & 2 Bezuidenhoutslust 992 LS Portion (Rem.) Syferkuil 924 LS		
LENGTH OF LINE: MV Feeder = 0.0m = 0.0km MV Elec = 2167.9m = 2.2km LV Elec = 8121.9m = 2.2km	CONTACT DETAILS 081 551 9682		
SURVEYOR: D de Bruyn & Ass	SCALE: 1:3000	PAGE: 1 of 20	
DRAUGHTSPERSON: M J Ramoadi			

LEGEND

	Existing MV
	New MV
	Up Grade MV
	Existing LV
	New LV
	Up Grade LV
	Remove MV/LV Line
	Existing MV Pole
	New MV Pole
	Existing LV Pole
	New LV Pole
	MV & LV Pole
	Existing Trfr
	New Trfr
	Fence
	Street
	Road
	Stay
	Strut
	Zink House
	Wooden House
	Brick House

PROFILE of LV Bundle Conductor CROSSING
 ROAD No. _____
 FEEDER: Mothapo 22Kv
 PROJECT: Paledi Ext. 2 Pegging
 CLIENT: Paledi Ext. 2 Village
 SCALE Hor. 1:2500 Ver. 1:250
 CONDUCTOR: Mink
 SURVEYED By: M J Ramoadi

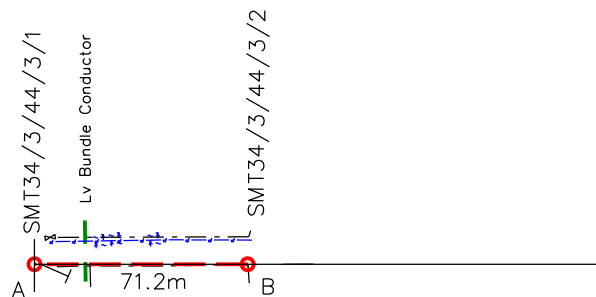
ATTACHMENT HEIGHTS:
 A= 7.8; 8.4; 9.0m
 B= 7.8; 8.4; 9.0m
 C= _____
 D= _____

TEMPLATED By: P Du Preez
 DATE: 29/07/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of ABC Conductor CROSSING

ROAD No. _____

 FEEDER: Mothapo 22Kv

 PROJECT: Paledi Ext. 2 Pegging

 CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

 CONDUCTOR: Mink

 SURVEYED By: M. J. Ramoadi

ATTACHMENT HEIGHTS:

 A= 7.8; 8.4; 9.0m

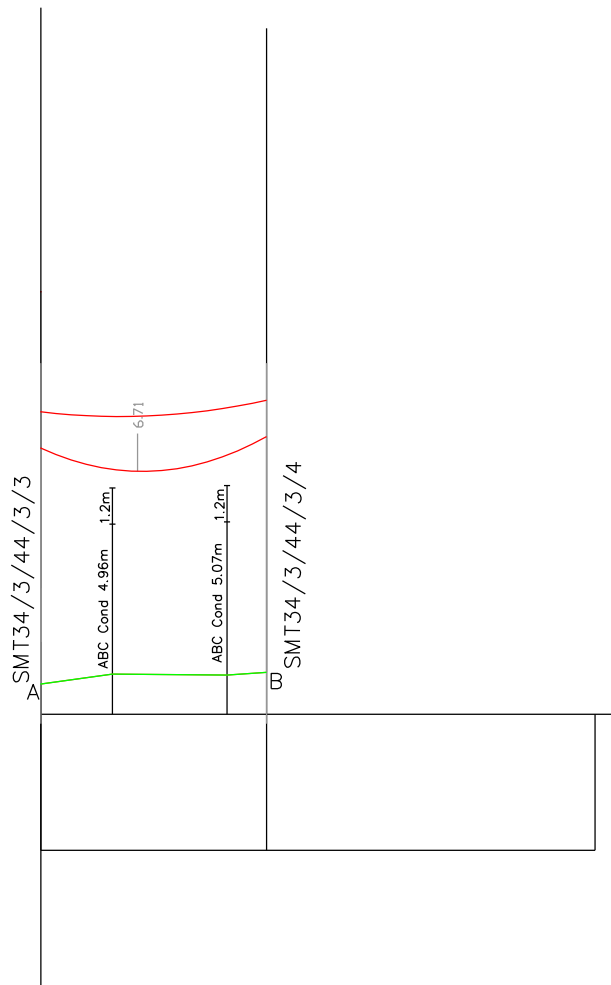
 B= 7.8; 8.4; 9.0m

C= _____

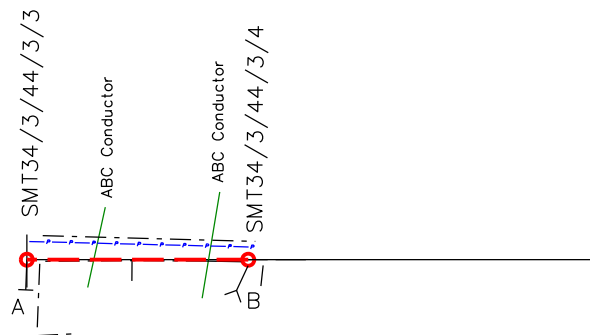
D= _____

 TEMPLATED By: P. Du Preez

 DATE: 29/07/23

 DATUM = 100.0m


Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of ABC Conductor CROSSING

ROAD No. _____

FEEDER: Mothapo 22Kv

PROJECT: Paledi Ext. 2 Pegging

CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: Mink

SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

A= 7.8; 8.4; 9.0m

B= 7.8; 8.4; 9.0m

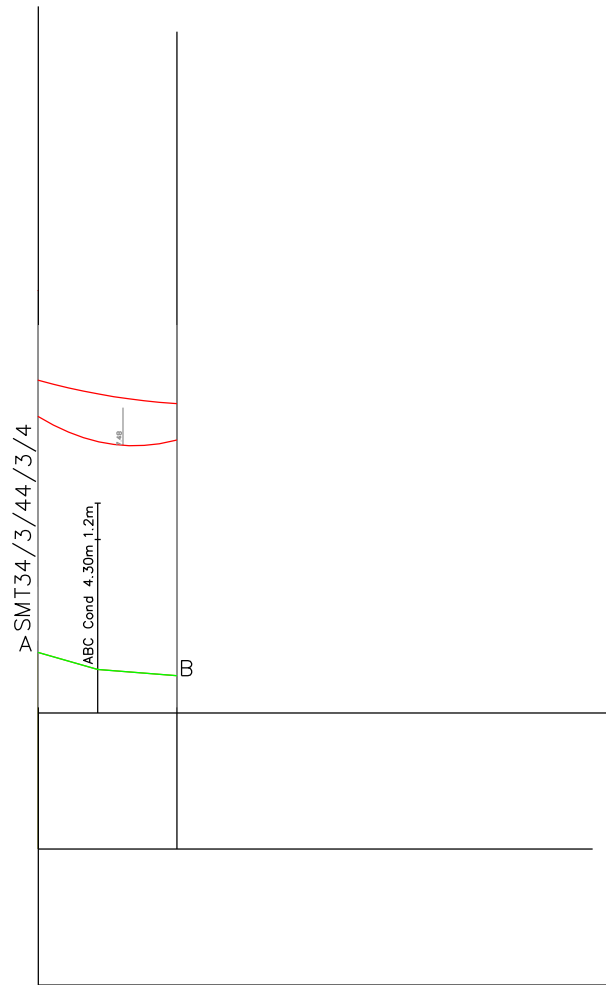
C= _____

D= _____

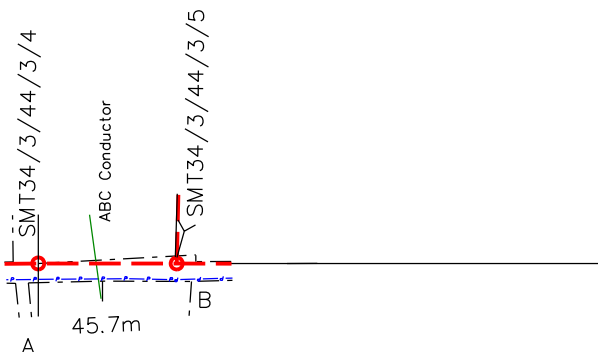
TEMPLATED By: P Du Preez

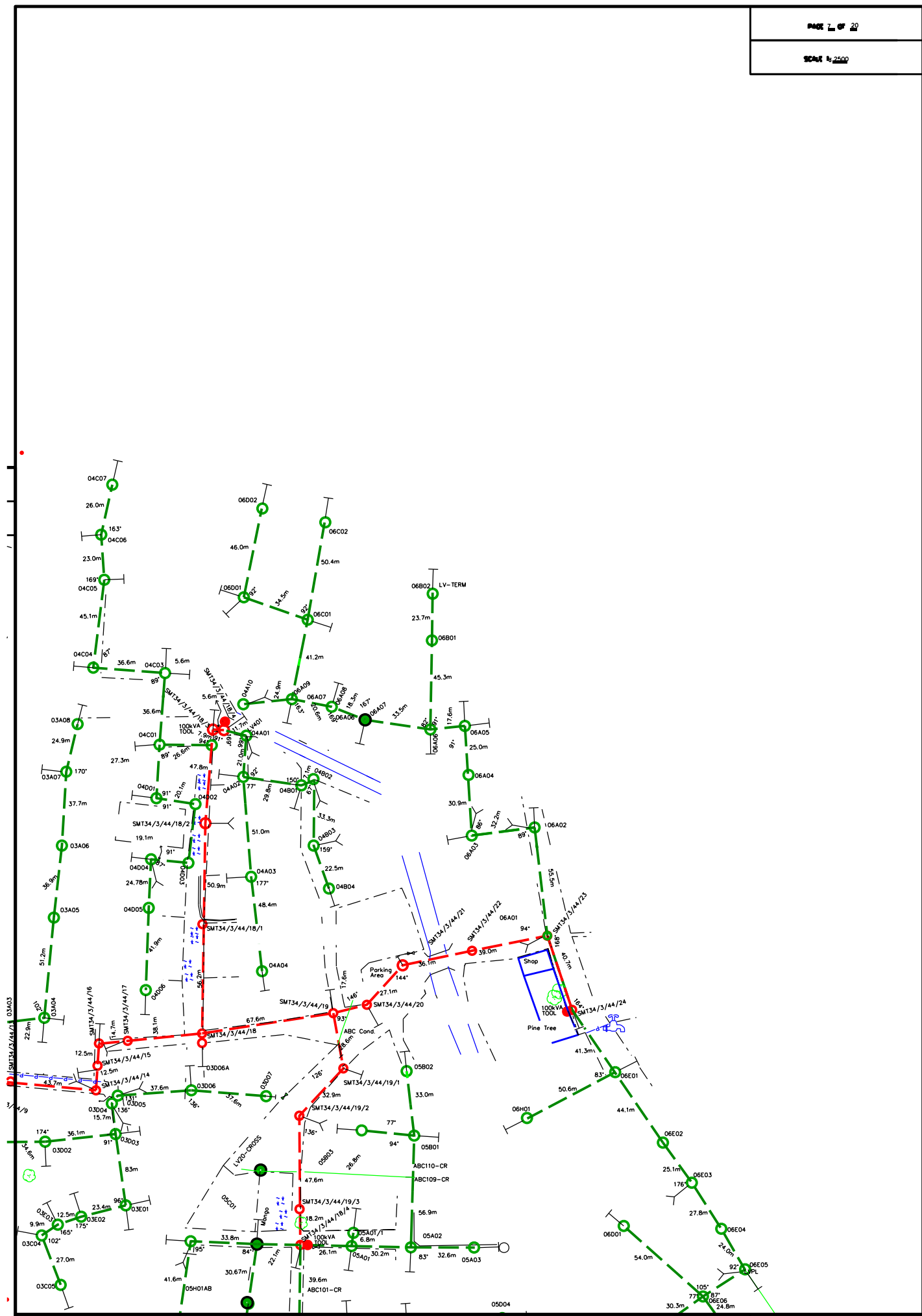
DATE: 29/07/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	





PROFILE of LV Bundle Conductor CROSSING

ROAD No. _____

FEEDER: Mothapo 22Kv

PROJECT: Paledi Ext. 2 Pegging

CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: Mink

SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

A= 7.8; 8.4; 9.0m

B= 7.8; 8.4; 9.0m

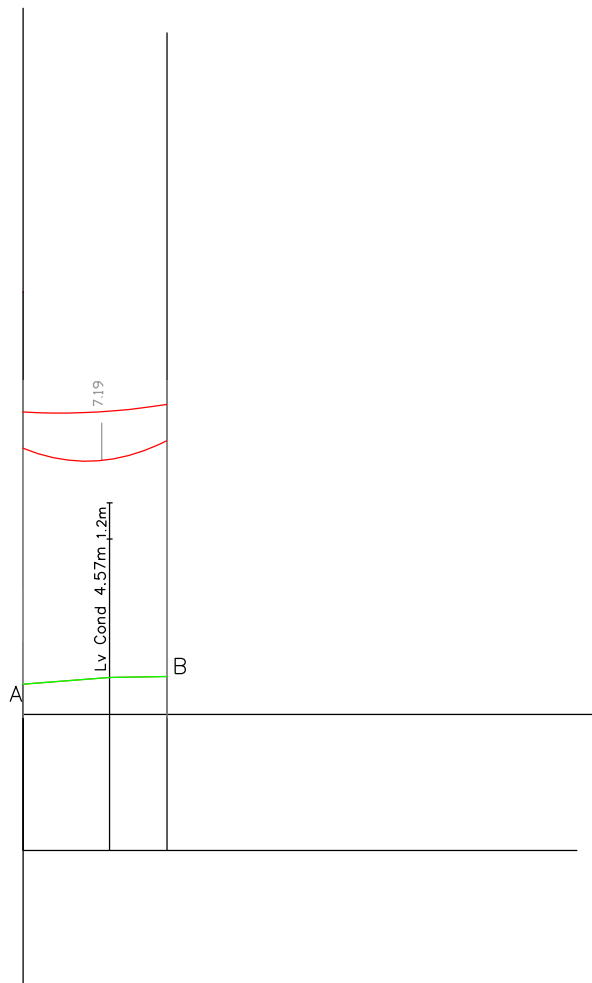
C= _____

D= _____

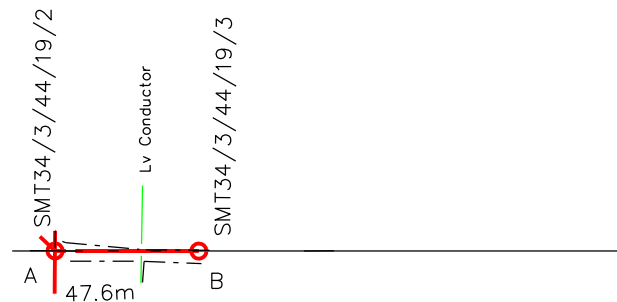
TEMPLATED By: P Du Preez

DATE: 29/07/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of Gravel Rd & ABC Conductor CROSSING

ROAD No. _____

FEEDER: Mothapo 22Kv

PROJECT: Paledi Ext. 2 Pegging

CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: Mink

SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

A= 7.8; 8.4; 9.0m

B= 9.0m Horz X-arm

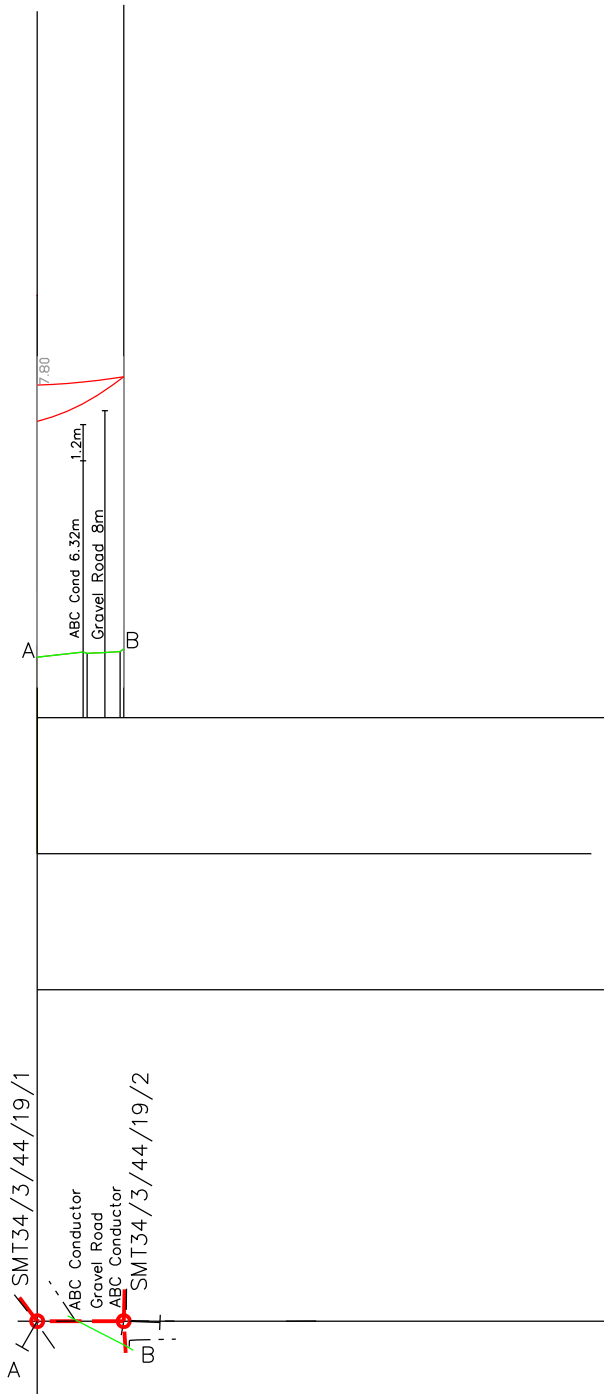
C= _____

D= _____

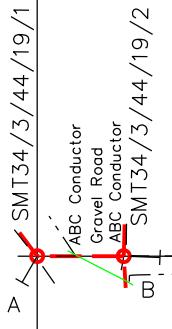
TEMPLATED By: P Du Preez

DATE: 29/07/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of ABC Conductor CROSSING

ROAD No. _____

 FEEDER: Mothapo 22Kv

 PROJECT: Paledi Ext. 2 Pegging

 CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

 CONDUCTOR: Mink

 SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

 A= 7.8; 8.4; 9.0m

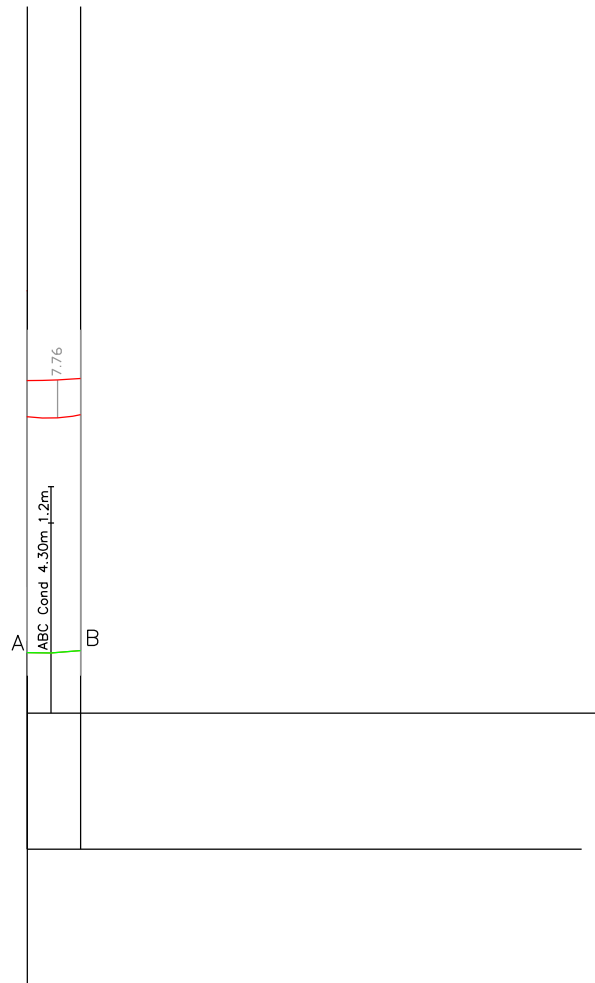
 B= 7.8; 8.4; 9.0m

C= _____

D= _____

 TEMPLATED By: P Du Preez

 DATE: 29/7/23

 DATUM = 100.0m


Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of Gravel Road CROSSING

ROAD No. _____

FEEDER: Mothapo 22Kv

PROJECT: Paledi Ext. 2 Pegging

CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: Mink

SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

A= 9.0m Horz X-arm _____

B= 7,8m 8,4 9,0m _____

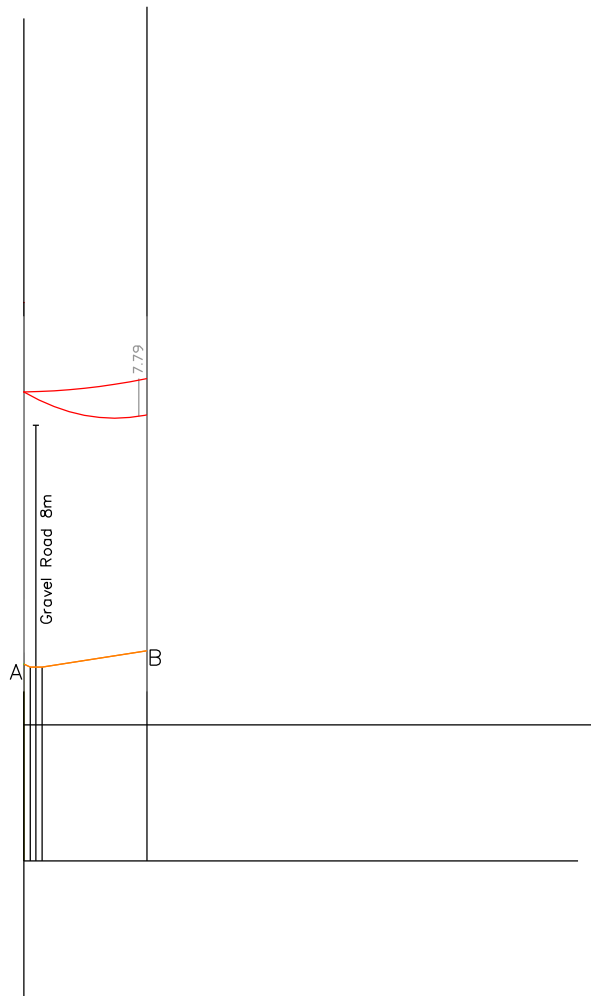
C= _____

D= _____

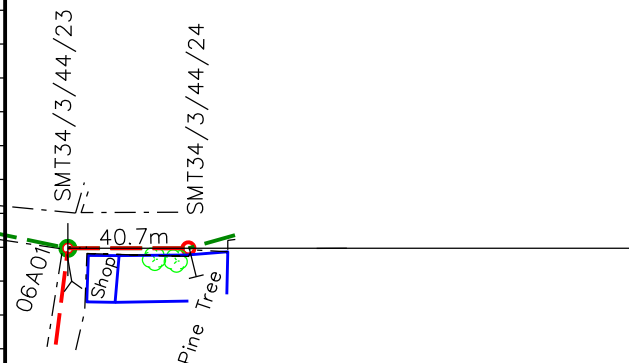
TEMPLATED By: P Du Preez

DATE: 29/07/2023

DATUM = 100,0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	

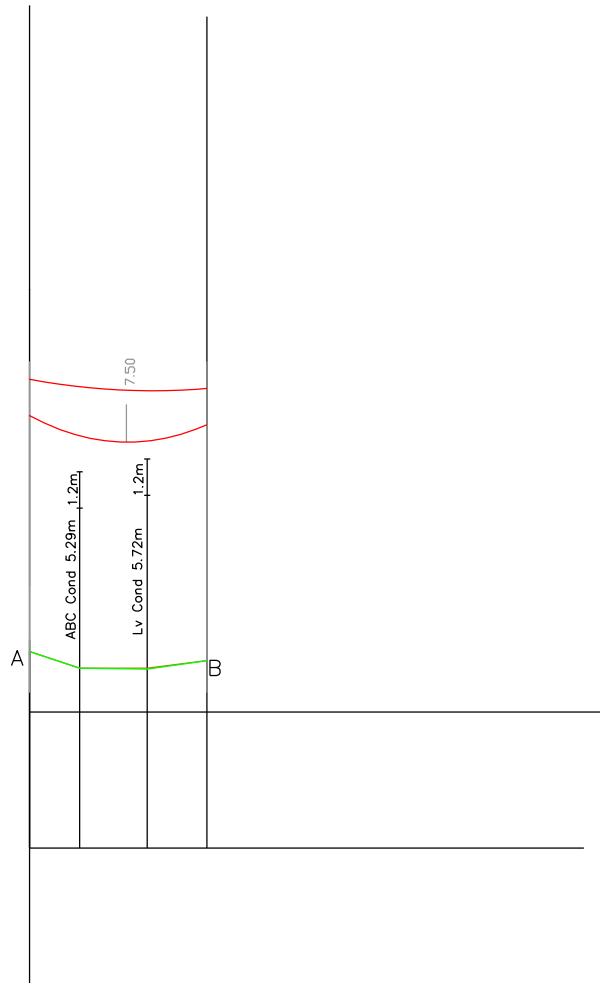


PROFILE of ABC Cond. & LV Bundle Cond. CROSSING

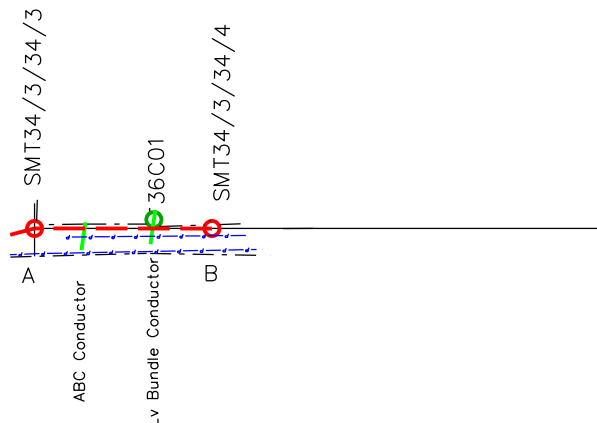
ROAD No. _____
 FEEDER: Mothapo 22Kv
 PROJECT: Paledi Ext. 2 Pegging
 CLIENT: Paledi Ext. 2 Village
 SCALE Hor. 1:2500 Ver. 1:250
 CONDUCTOR: Mink
 SURVEYED By: M J Ramoadi
 ATTACHMENT HEIGHTS:
 A= 7.8; 8.4; 9.0m
 B= 7.8; 8.4; 9.0m
 C= _____
 D= _____

TEMPLATED By: P Du Preez
 DATE: 29/07/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of LV Bundle Cond. & ABC Cond. CROSSING

ROAD No. _____

FEEDER: Mothapo 22Kv

PROJECT: Paledi Ext. 2 Pegging

CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: Mink

SURVEYED By: M. J. Ramoadi

ATTACHMENT HEIGHTS:

A= 7.8; 8.4; 9.0m

B= 7.8; 8.4; 9.0m

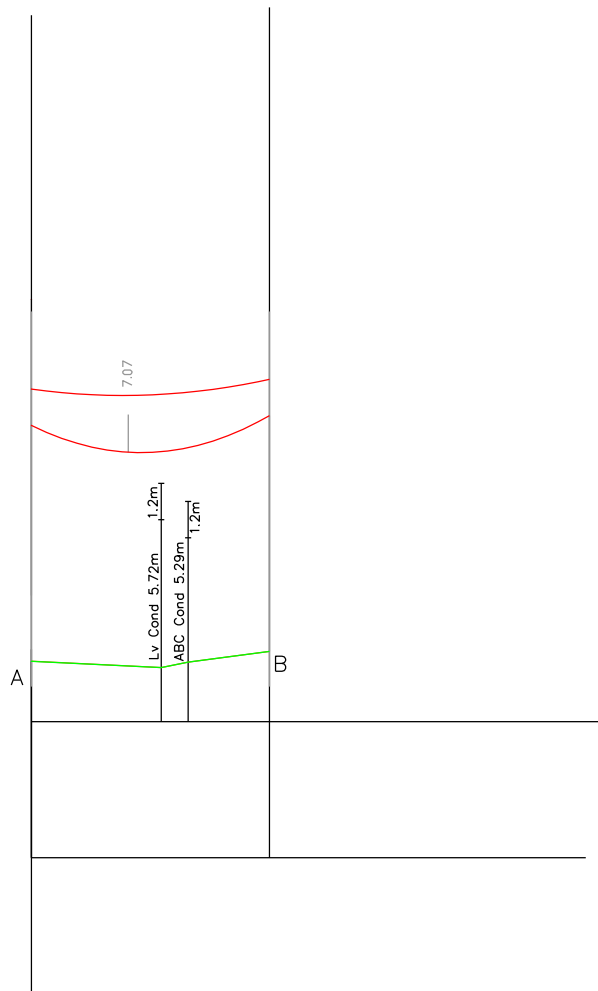
C= _____

D= _____

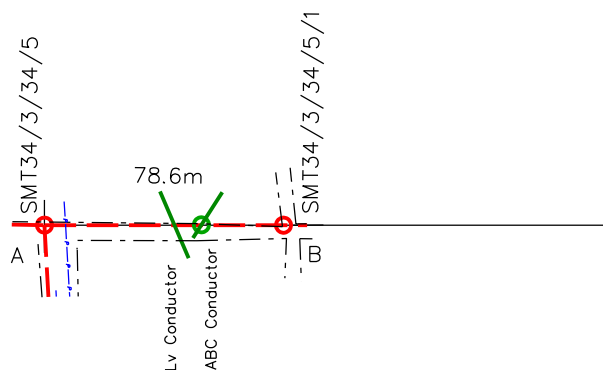
TEMPLATED By: P. Du Preez

DATE: 29/07/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of Mv Staywire CROSSING

ROAD No. _____

 FEEDER: Mothapo 22Kv

 PROJECT: Paledi Ext. 2 Pegging

 CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: _____

 SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

 A= 9.0m Horz X-arm

 B= 9.0m Horz X-arm

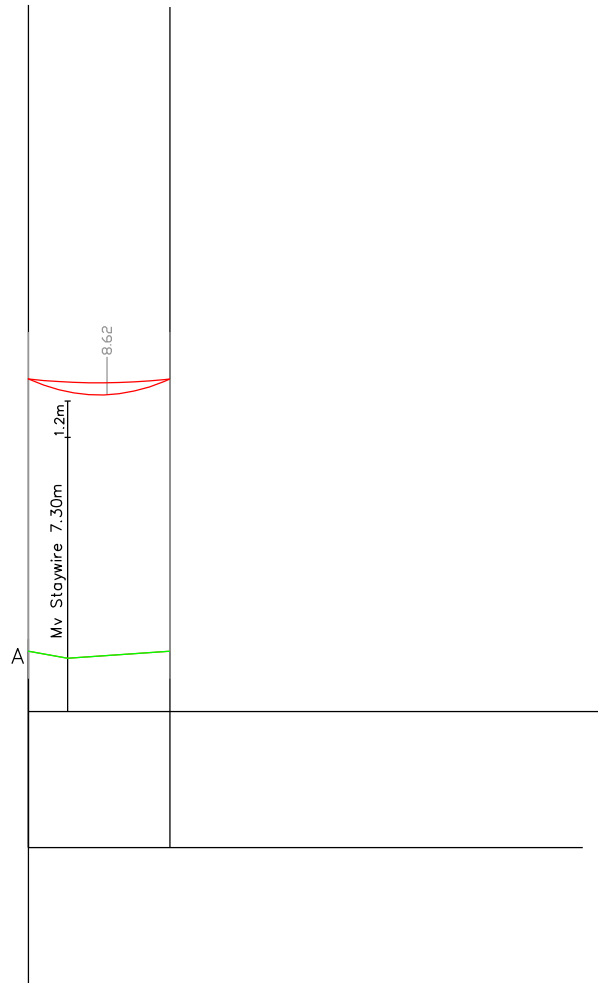
C= _____

D= _____

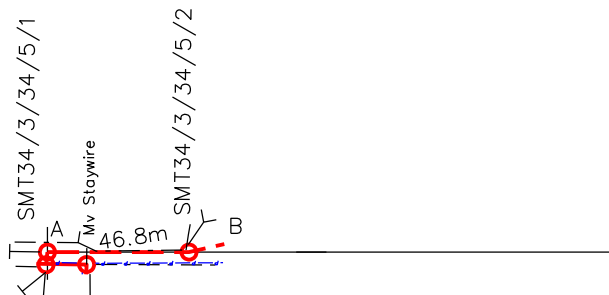
 TEMPLATED By: P Du Preez

 DATE: 29/07/23

DATUM = _____



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of LV Bundle Conductor CROSSING

ROAD No. _____

FEEDER: Mothapo 22Kv

PROJECT: Paledi Ext. 2 Pegging

CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: 2P35

SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

A= 8.0m

B= 8.0m

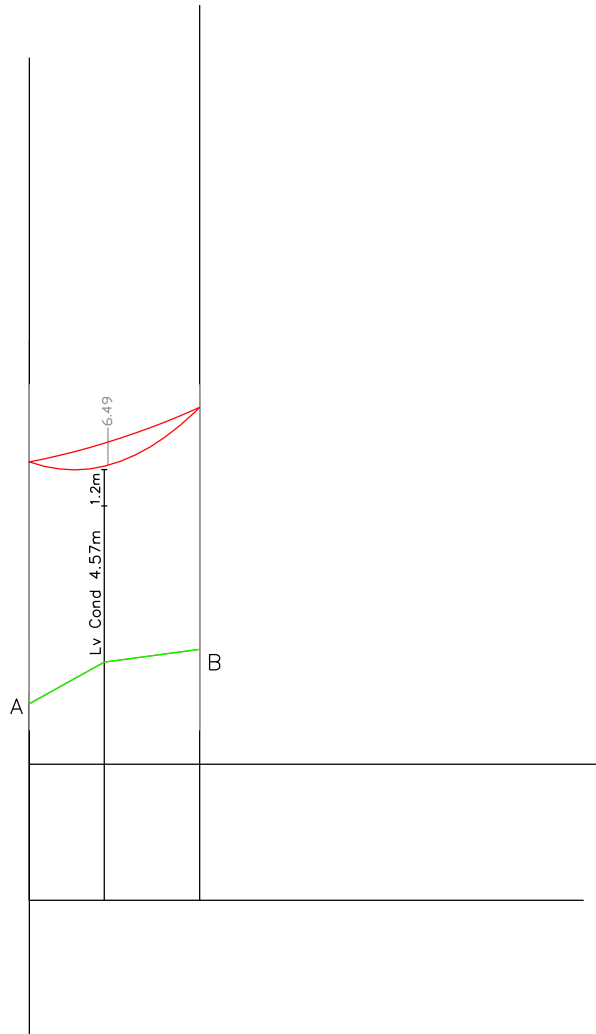
C= _____

D= _____

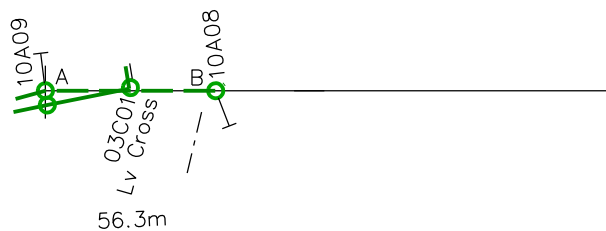
TEMPLATED By: P Du Preez

DATE: 29/7/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of ABC Conductor _____ CROSSING

ROAD No. _____

 FEEDER: Mothapo 22Kv _____

 PROJECT: Paledi Ext. 2 Pegging _____

 CLIENT: Paledi Ext. 2 Village _____

SCALE Hor. 1:2500 Ver. 1:250

 CONDUCTOR: Mink _____

 SURVEYED By: M J Ramoadi _____

ATTACHMENT HEIGHTS:

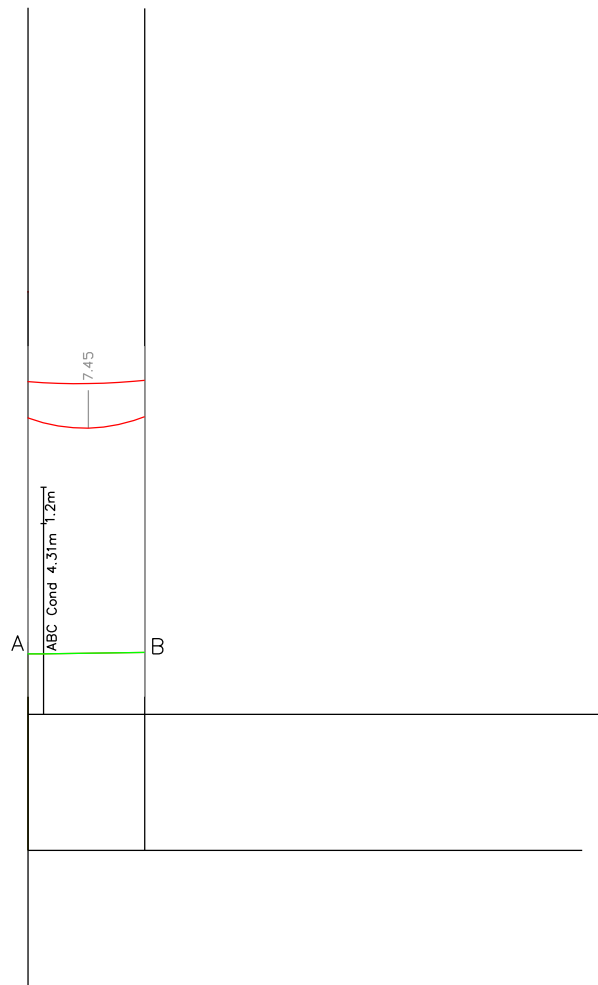
 A= 7.8; 8.4; 9.0m _____

 B= 7.8; 8.4; 9.0m _____

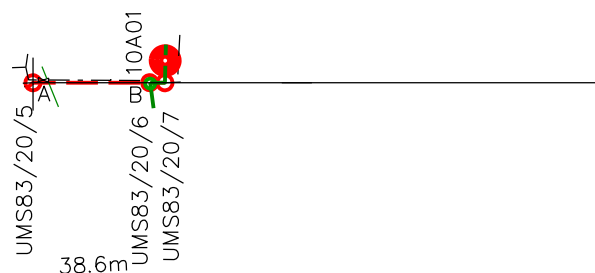
C= _____

D= _____

 TEMPLATED By: P Du Preez _____

 DATE: 29/07/23 _____

 DATUM = 100.0m

Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of LV Bundle Cond. CROSSING

ROAD No. _____

 FEEDER: Mothapo 22Kv

 PROJECT: Paledi Ext. 2 Pegging

 CLIENT: Paledi Ext. 2 Village

SCALE Hor. 1:2500 Ver. 1:250

 CONDUCTOR: Mink

 SURVEYED By: M J Ramoadi

ATTACHMENT HEIGHTS:

 A= 7.8; 8.4; 9.0m

 B= 7.8; 8.4; 9.0m

C= _____

D= _____

 TEMPLATED By: P Du Preez

 DATE: 29/07/23

 DATUM = 100.0m


Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	



PROFILE of LV Bundle Cond. _____ CROSSING

ROAD No. Mothapo 22Kv

FEEDER: Paledi Ext. 2 Pegging

PROJECT: Paledi Ext. 2 Village

CLIENT: _____

SCALE Hor. 1:2500 Ver. 1:250

CONDUCTOR: Mink

SURVEYED By: M. J. Ramoadi

ATTACHMENT HEIGHTS:

A= 7.8; 8.4; 9.0m

B= 7.8; 8.4; 9.0m

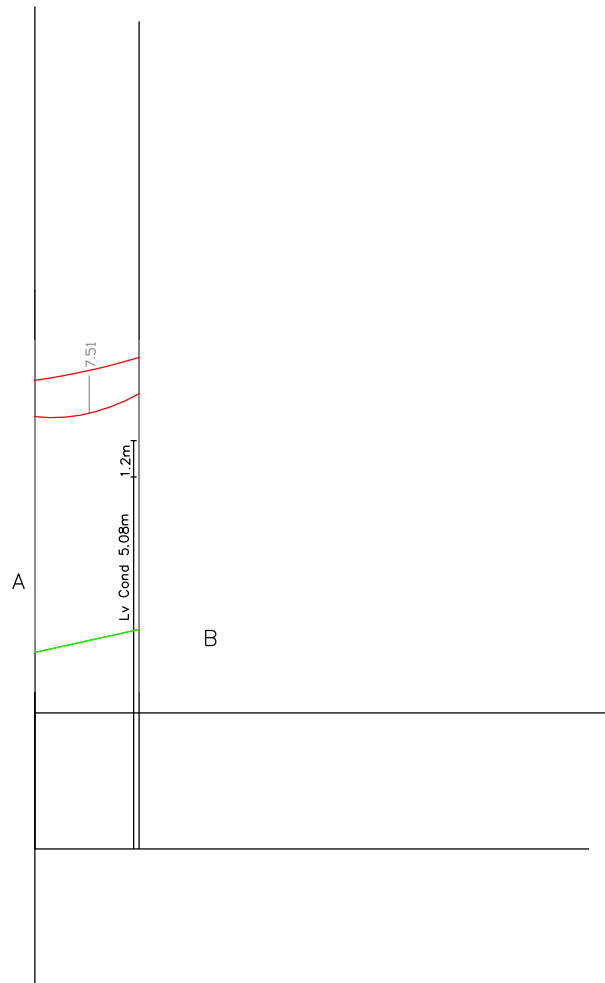
C= _____

D= _____

TEMPLATED By: P. Du Preez

DATE: 29/07/23

DATUM = 100.0m



Item	Description
Road Number	
KM Mark	
Road Owner	
Road Surface	
Terrain Level	
Distance to Structure	From
From Left	
From Right	
Width of Road Reserve	
Latitude Road	
Longitude Road	
Latitude	
Longitude	