
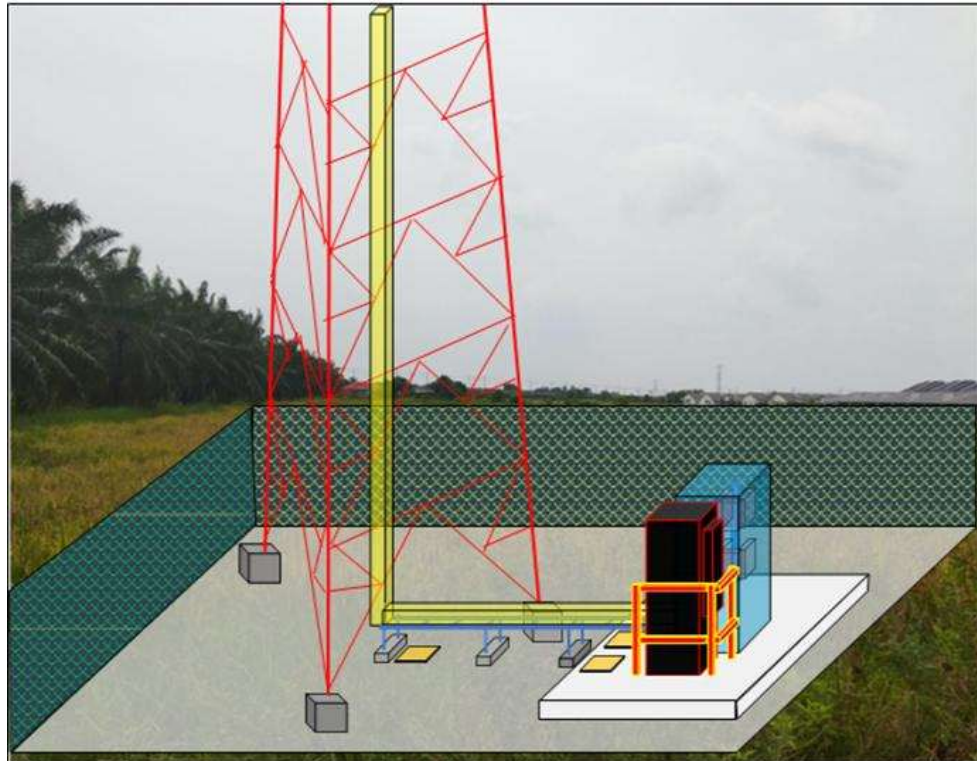
	CONTRACTOR	VCOMM RESOURCES SDN BHD.		
	SOW REF	B12 - OSP CONSTRUCTION & COMMISSIONING		
	LRD	BGNR - PONG		
	SUBJECT	FIBER TECHNICAL PROPOSAL		



Region	Northern		
KV/OKV	OKV		
Point A	BGNR	Point B	PONG
Address	KAMPUNG MATANG GERDU, 34300 BAGAN SERAI, PERAK		
Site A Lat Long	5.018132,100.533584		
Site B Lat Long	6.337000,99.814100		
Structure Owner	MAXIS		

Table of Contents

- Section 1: Proposal Sign-off sheet
- Section 2: Outside Plant Civil Infra Design Summary
- Section 3: Vicinity Map
- Section 4: Civil Infrastructure Route Plan & Permint Boundary
- Section 5: Proposed Manhole GPS Coordinates
- Section 6: Cable Infrastructure Route Plan & Proposed Cable Plan
- Section 7: Core Assignment Plan
- Section 8: Outside Plant Site Snapshot
- Section 9: Cabin Information & Floor Plan
- Section 10: Internal Trenching Permit/Snapshot
- Bill of Quantities (BoQ)



Section 1: Proposal Sign-off Sheet

This proposal is contains the civil design proposal for MAXIS SITE 'BGNR - PONG' AT [KAMPUNG MATANG GERDU, 34300 BAGAN SERAI, PERAK](#)

All the information presented complied with Maxis Outside Plan technical specification & guidelines:


- Last Mile Telecommunication Systems Design and Survey (GLD/TNE/005)
- GLD/CATE/002 (Outside Plant Design and Build Guideline)
- OSPE GLD/TNE/003(Horizontal Directional Drilling Procedure & Guideline)
- OSPE GLD/TNE/004 (Road Reinstatement Work Guideline)

The proposed construction methodologies, material and Bill of Quantity are verified to be correct.

Vcomm Resources Sdn Bhd

Name: Aida Nad

Designation: Project Executive

Signature: 

Check & Approved by: _____

Signature: _____

Submission Date: _____

Maxis OSP Detail Design

Name: M Nazim Mahmud

Designation: Transport Network Engineer

Signature: _____

Approval Date: _____

Section 2: Outside Plant Civil Infra Design Summary

Overall proposed OSP Civil Infrastructure Design Distance		1113	meter
a.	Horizontal directional drilling		meter
b.	Carriage way open cut trenching		meter
c.	Grass verge open cut trenching	12	meter
d.	Micro-trenching (mT)		meter
e.	Maxis Pole	1095	meter
f.	Cable trunking		meter
g.	GI Pipes Crossing/Riser	6	meter
h.	Pulling Cable On Existing Infra		meter
i.	Duct GI		meter

ITP trunking/riser length		meter
ITP cable length from Maxis fiber tapping point to new termination point at building/cabin		meter
No. of proposed aerial		pc
No. of proposed manhole	1	pc
Area of miling work required		meter

Local council & authority approval requirement		1113	meter
a.	JKR KERIAN	63	meter
b.	PEJABAT DAERAH & TANAH KERIAN	1050	meter
c.			meter
d.			meter

Estimated Cost of the Scheme/Project		RM
---	--	-----------

Type of building:	TOWER
Address:	KAMPUNG MATANG GERDU, 34300 BAGAN SERAI, PERAK
Contact person:	
Contact no.:	

Existing Infrastructure Information

Preceding duct/sub-duct space	Existing pole at Jalan Mahkamah (A-LPONG-0006-000M)
Preceding duct/sub-duct condition	Existing duct and subduct have to test
Existing cable/fiber condition	TBD wants the design for all cluster is completed
Existing sites power & space	Space available

Tenaga Pole Option

TNB pole availability	N/A
Distance of the TNB poles	N/A
Constraint	N/A

Other Highlights/Remarks

SLA

Date Survey Triggered

1/12/2022

Survey Done (Days)	TP Submission (Days)
3	7

Implementation

Method	Distance (m)	CW (Days)
Underground	12	88
Pole	1095	14
Total	1107	102

Date TP Submission

11/12/2022

Date CW Completed


26/3/2023

Section 3

Vicidnity Map





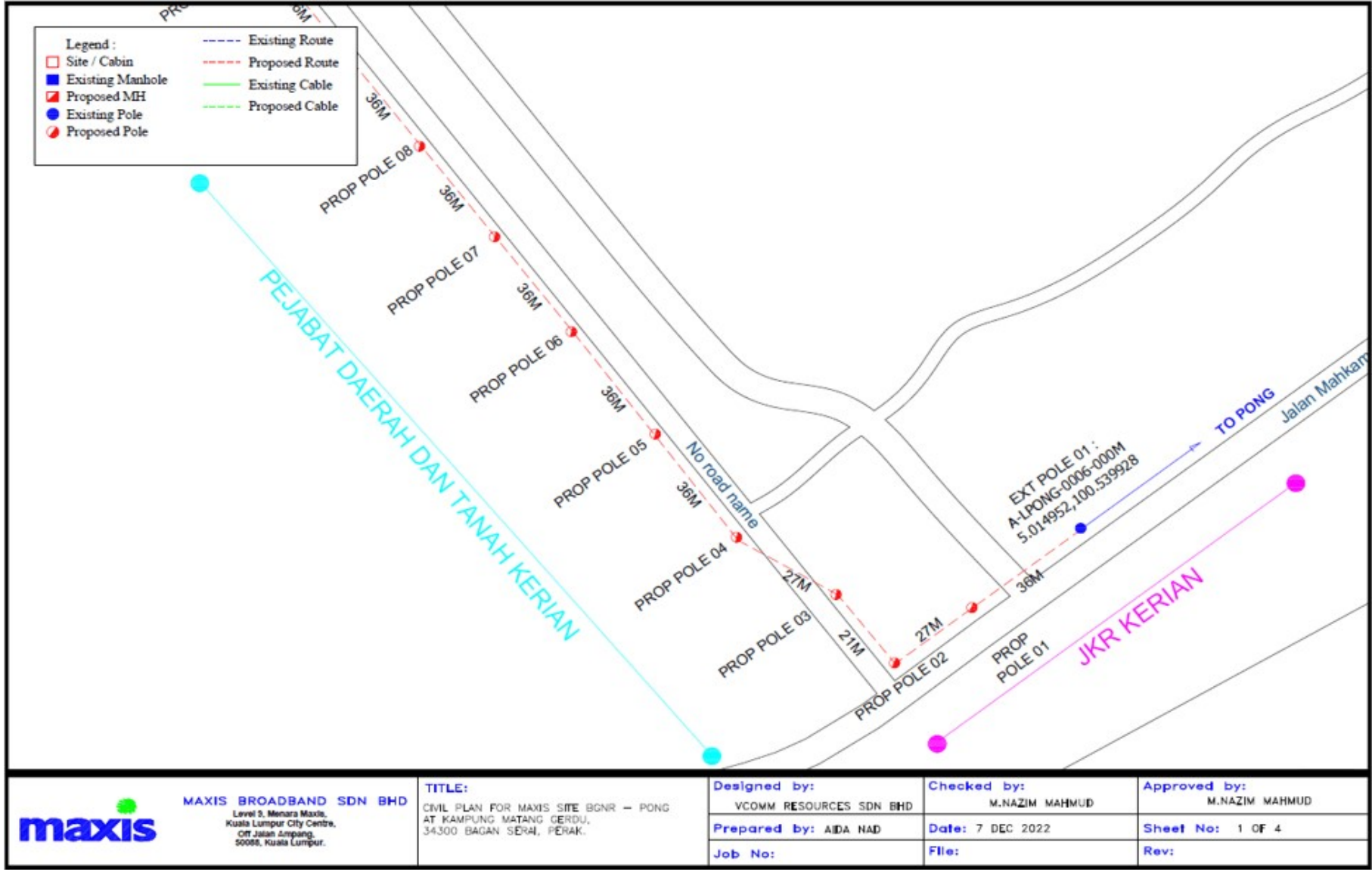
 MAXIS BROADBAND SDN BHD Level 9, Menara Maxis, Kuala Lumpur City Centre, Off Jalan Ampang, 50088, Kuala Lumpur.	TITLE: LOCATION PLAN FOR MAXIS : SITE BGNR – PONG AT KAMPUNG MATANG GERDU, 34300 BAGAN SERAI, PERAK.	Designed by: VCOMM RESOURCES SDN BHD	Checked by: M.NAZIM MAHMUD	Approved by: M.NAZIM MAHMUD
	Prepared by: AIDA NAD	Date: 07 DEC 2022	Sheet No: 1 OF 1	
	Job No:	File:	Rev:	

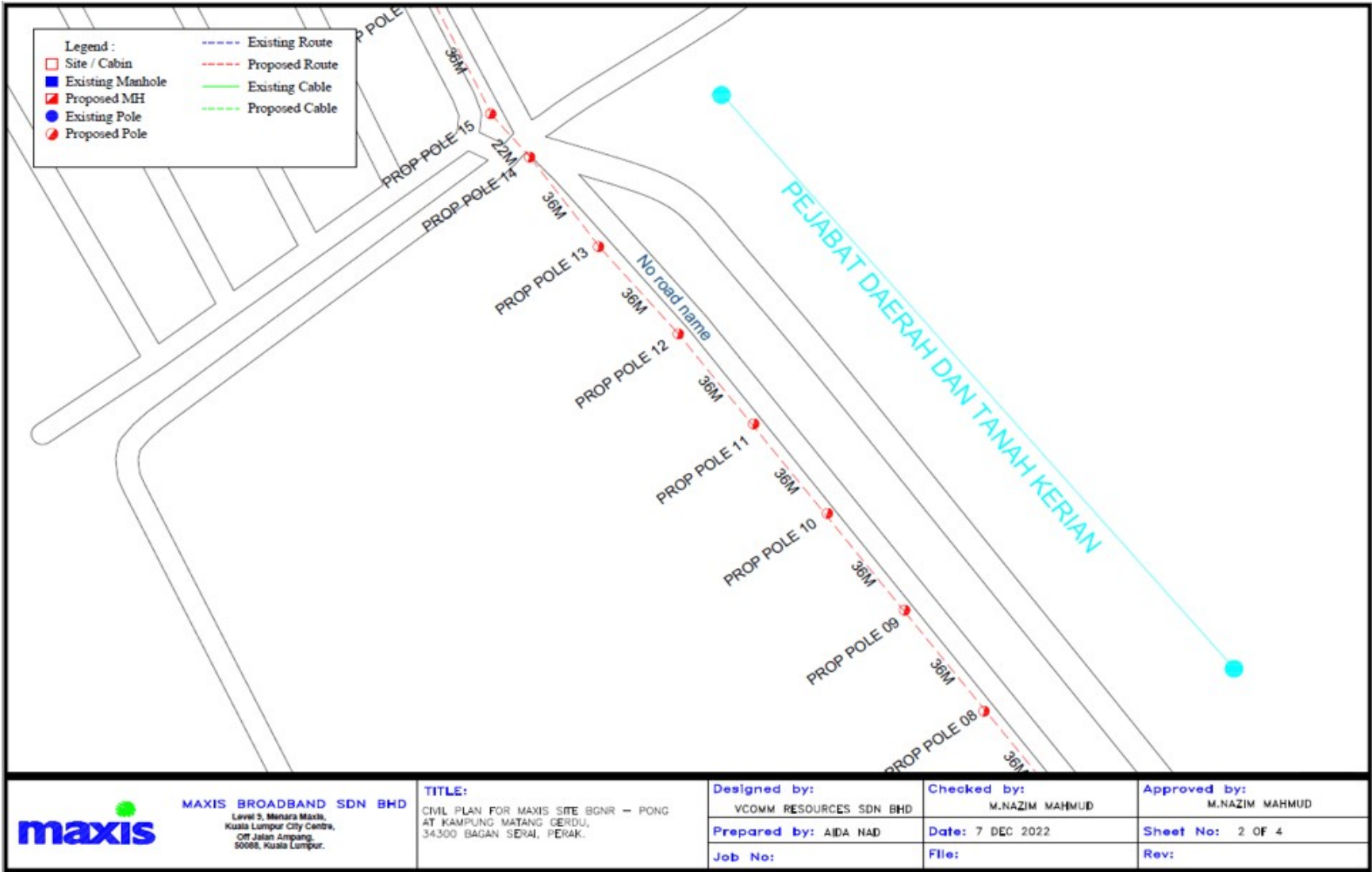
- LEGEND**
- 
 Proposed MH
 - 
 Existing MH
 - 
 Proposed duct
 - 
 Existing duct

Section 4

Civil Infrastructure Route Plan & Permit Boundary







LEGEND

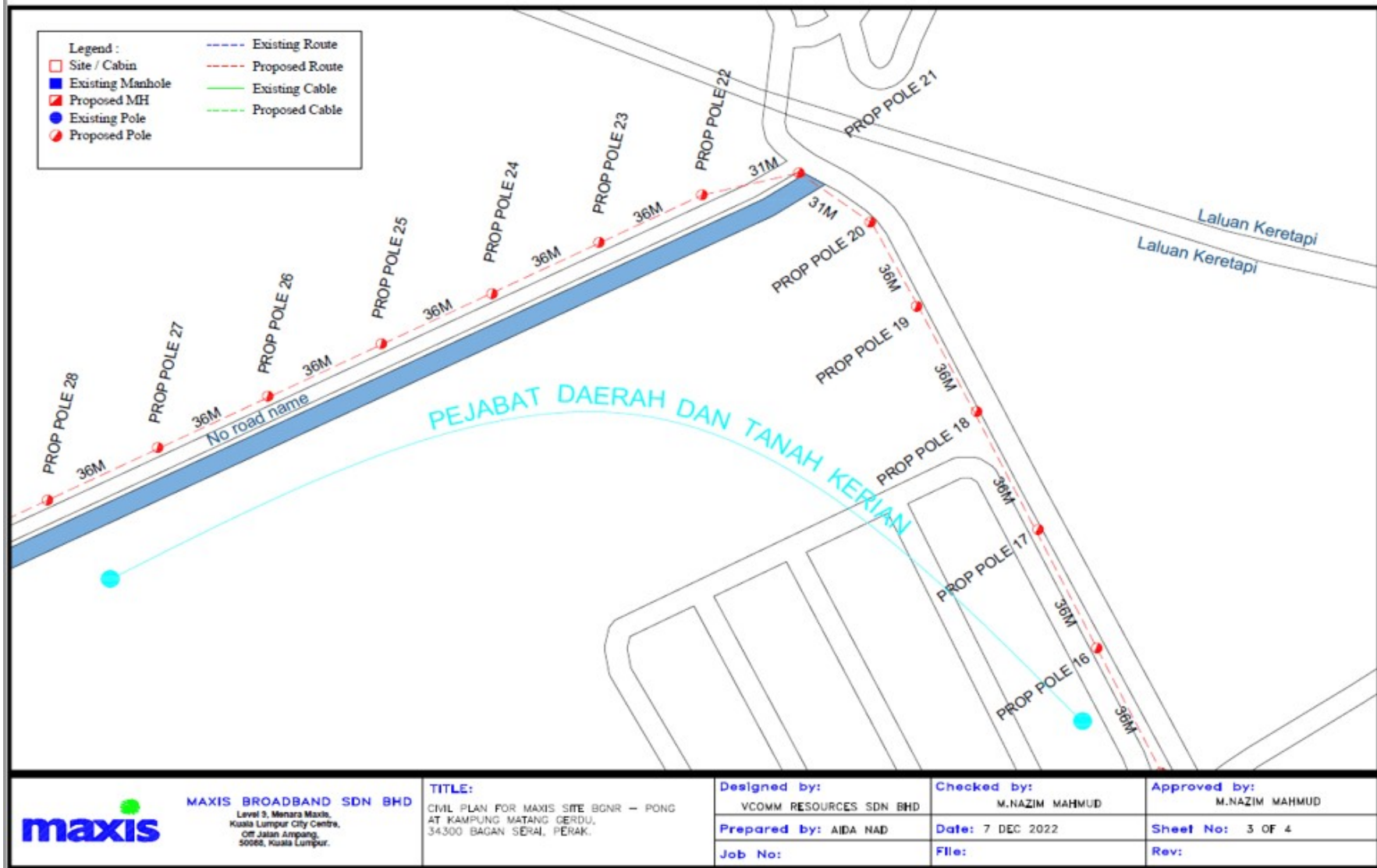
Proposed MH

Existing MH

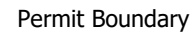
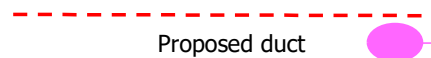
Proposed duct

Permit Boundary

Existing duct



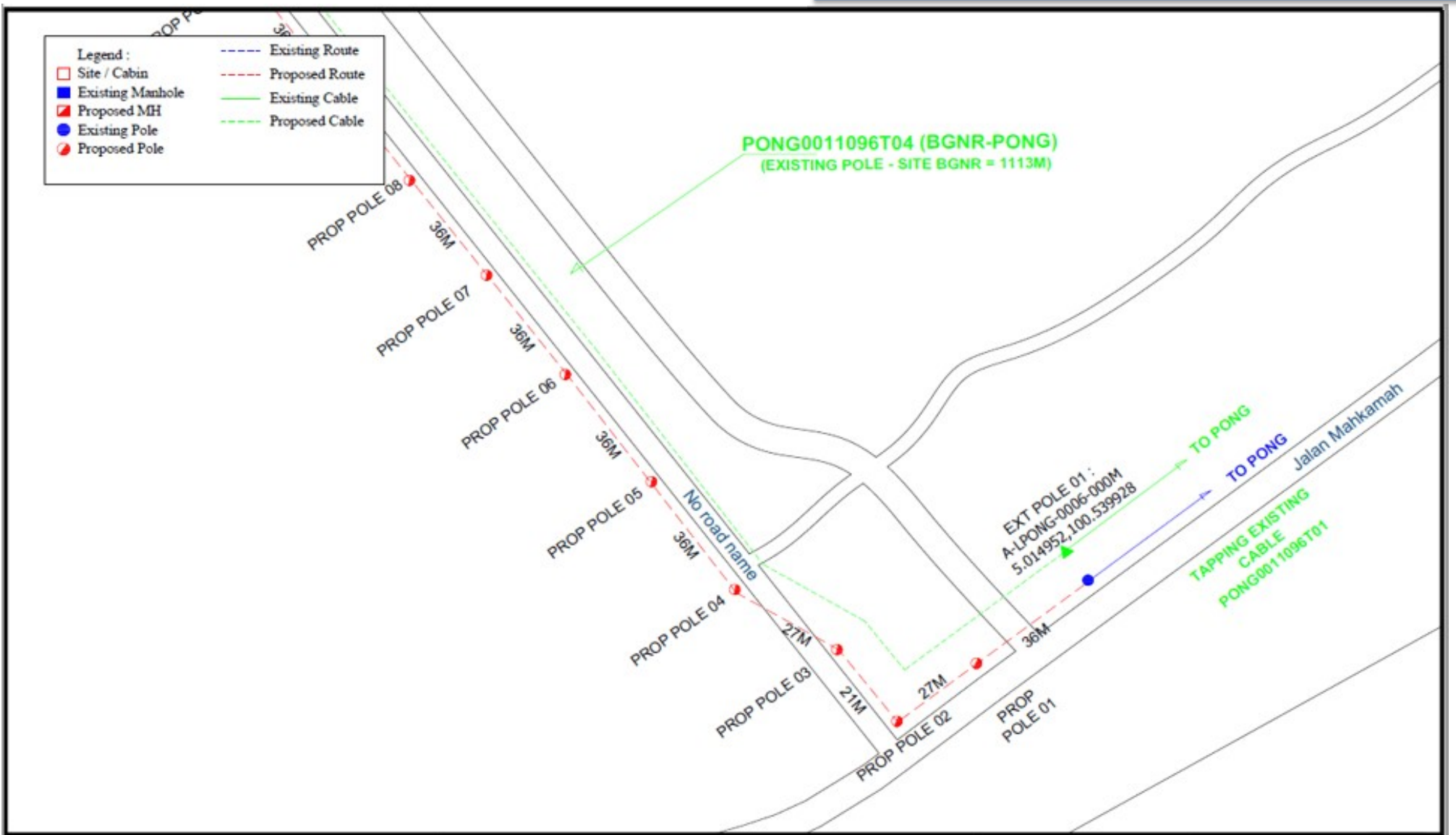
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Section 6

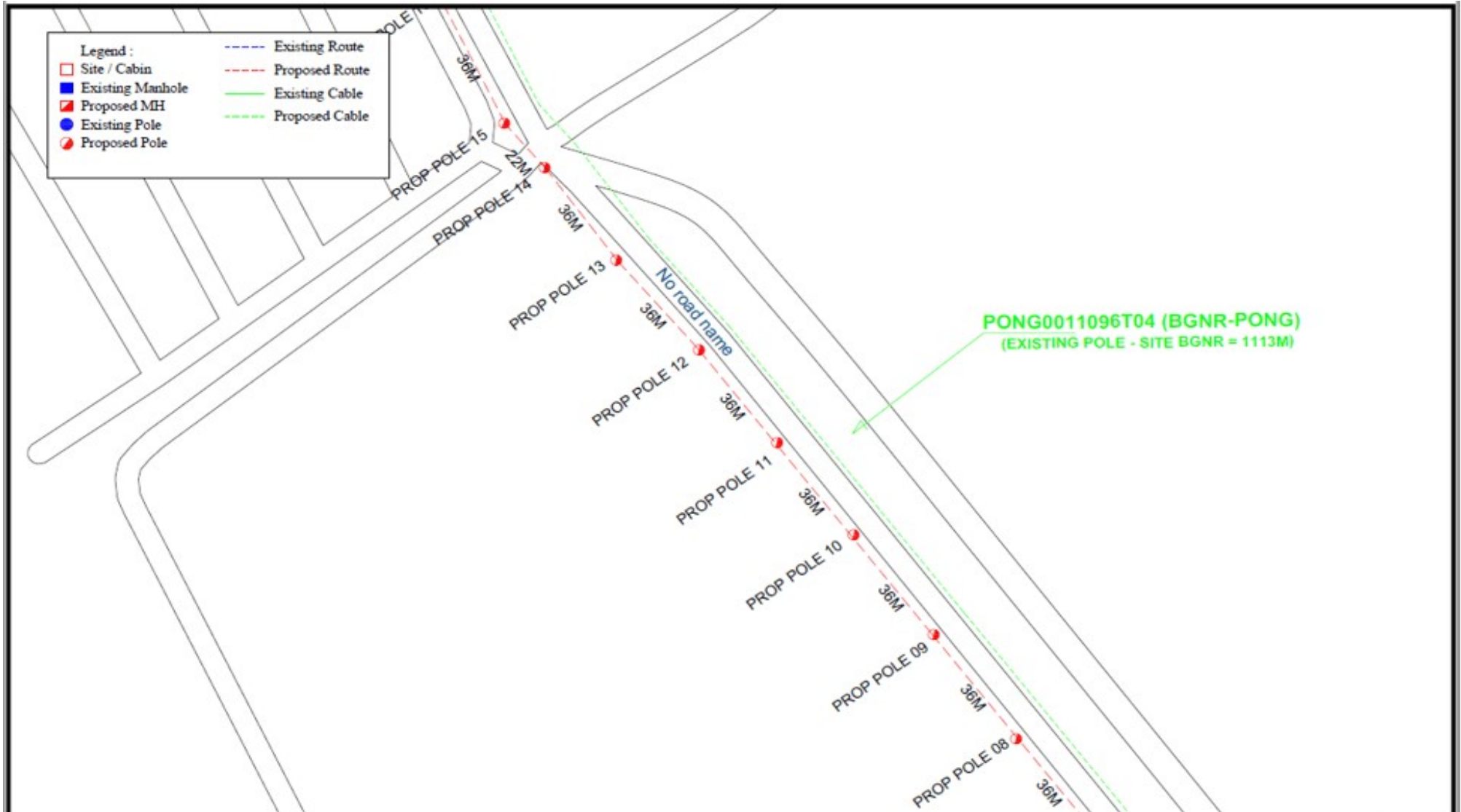
**Cable
Infrastructure
Route Plan
&
Proposed Cable
Plan**





Legend :	
	Site / Cabin
	Existing Manhole
	Proposed MH
	Existing Pole
	Proposed Pole
	Existing Route
	Proposed Route
	Existing Cable
	Proposed Cable

<p>MAXIS BROADBAND SDN BHD Level 9, Menara Maxis, Kuala Lumpur City Centre, Off Jalan Ampang, 50088, Kuala Lumpur.</p>	<p>TITLE: CABLE PLAN FOR MAXIS SITE BGNR – PONG AT KAMPUNG MATANG GERDU, 34300 BAGAN SERAI, PERAK.</p>	<p>Designed by: VCOMM RESOURCES SDN BHD</p>	<p>Checked by: M.NAZIM MAHMUD</p>	<p>Approved by: M.NAZIM MAHMUD</p>	
	<p>Prepared by: AIDA NAD</p>	<p>Date: 7 DEC 2022</p>	<p>File:</p>	<p>Sheet No: 1 OF 4</p>	<p>Rev:</p>



MAXIS BROADBAND SDN BHD
 Level 3, Menara Maxis,
 Kuala Lumpur City Centre,
 Off Jalan Ampang,
 50088, Kuala Lumpur.

TITLE:
 CABLE PLAN FOR MAXIS SITE BGNR - PONG
 AT KAMPUNG MATANG GERDU,
 34300 BAGAN SERAI, PERAK.

Designed by:
 VCOMM RESOURCES SDN BHD

Prepared by: AIDA NAD

Checked by:
 M.NAZIM MAHMUD

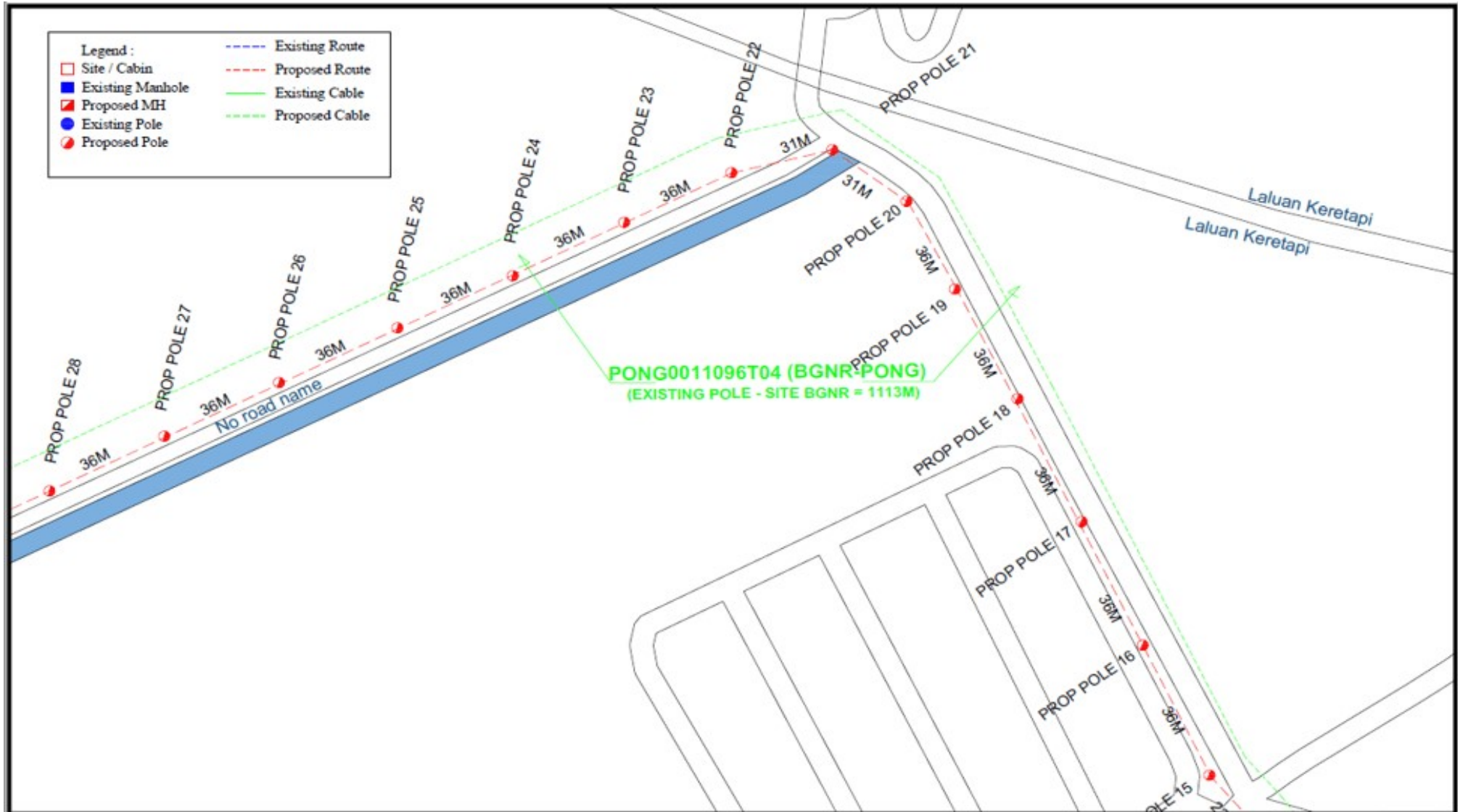
Date: 7 DEC 2022

File:

Approved by:
 M.NAZIM MAHMUD

Sheet No: 2 OF 4

Rev:



Legend :	--- Existing Route
□ Site / Cabin	- - - Proposed Route
■ Existing Manhole	— Existing Cable
■ Proposed MH	- - - Proposed Cable
● Existing Pole	
● Proposed Pole	

TITLE:
 CABLE PLAN FOR MAXIS SITE BGNR - PONG
 AT KAMPUNG MATANG GERDU,
 34300 BAGAN SERAI, PERAK.

Designed by:
 VCOMM RESOURCES SDN BHD

Prepared by: AIDA NAD

Checked by:
 M.NAZIM MAHMUD

Date: 7 DEC 2022

File:

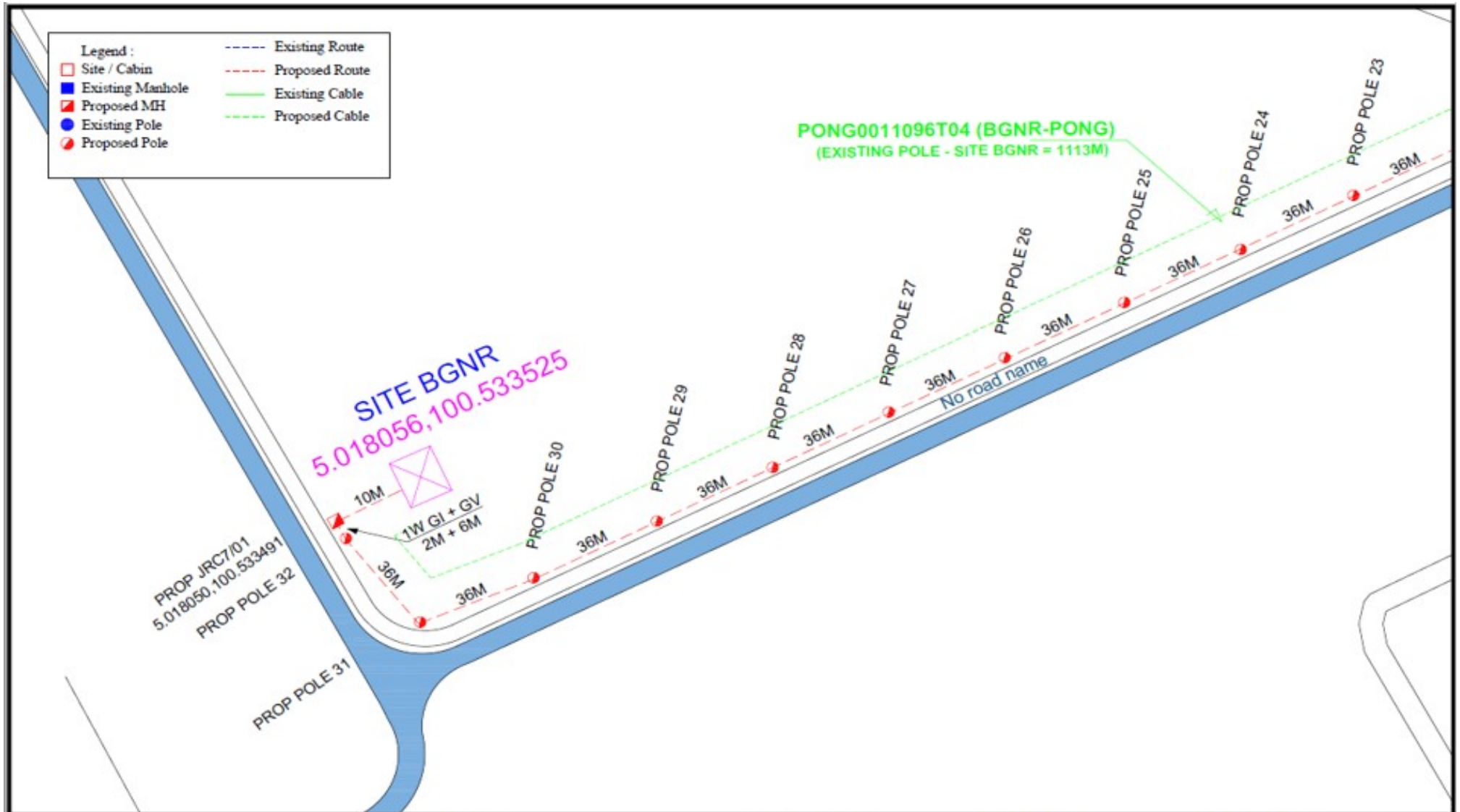
Approved by:
 M.NAZIM MAHMUD

Sheet No: 3 OF 4

Rev:



MAXIS BROADBAND SDN BHD
 Level 5, Menara Maxis,
 Kuala Lumpur City Centre,
 Off Jalan Ampang,
 50088, Kuala Lumpur.



MAXIS BROADBAND SDN BHD
Level 5, Menara Maxis,
Kuala Lumpur City Centre,
Off Jalan Ampang,
50088, Kuala Lumpur.

TITLE:
CABLE PLAN FOR MAXIS SITE BGNR - PONG
AT KAMPUNG MATANG GERDU,
34300 BAGAN SERAI, PERAK.

Designed by:
VCOMM RESOURCES SDN BHD

Prepared by: AIDA NAD

Checked by:
M.NAZIM MAHMUD

Date: 7 DEC 2022

File:

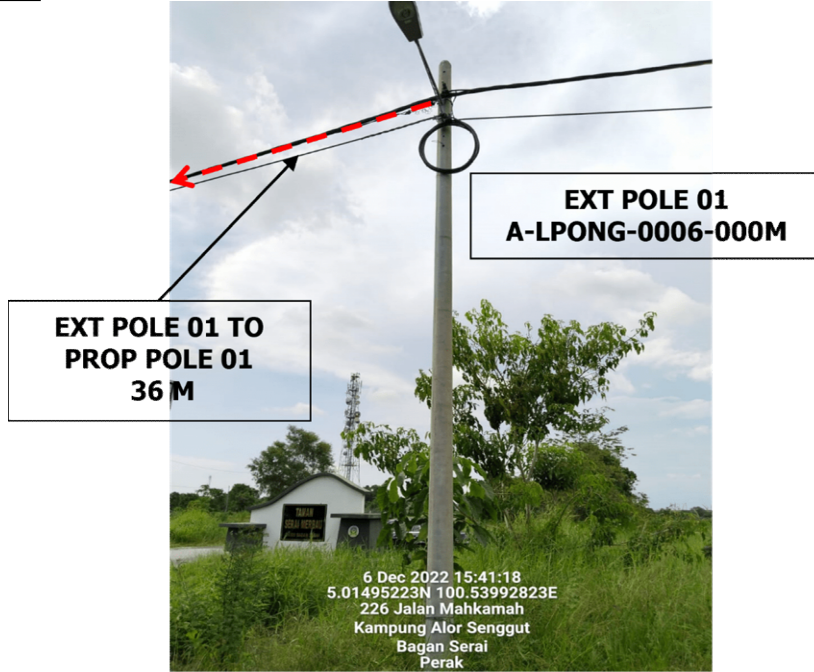
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M.NAZIM MAHMUD

Sheet No: 4 OF 4

Rev:

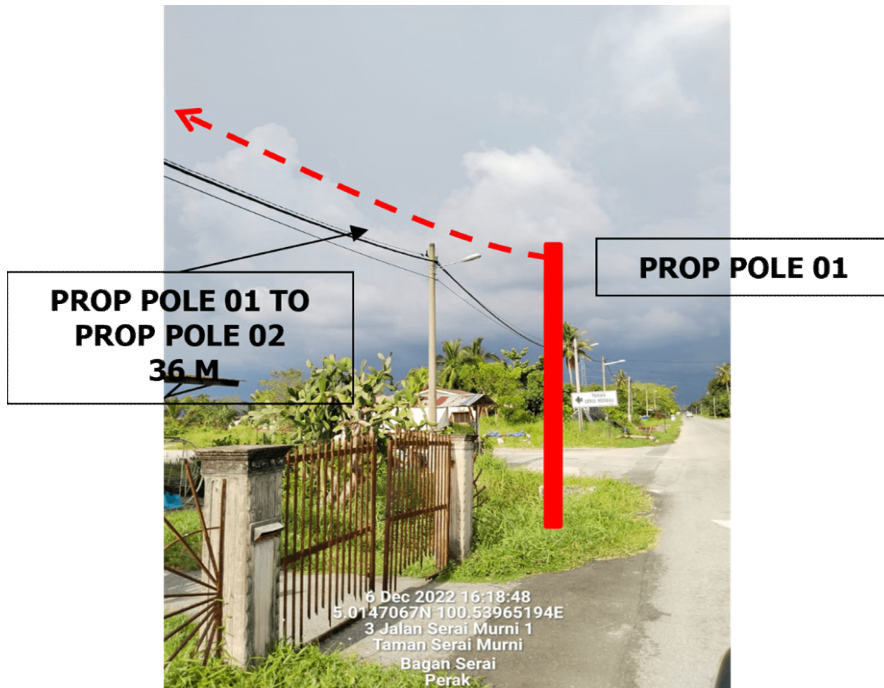
Section 8: Outside Plant Site Snapshot

PHOTO 1



LOCATION AT JALAN MAHKAMAH

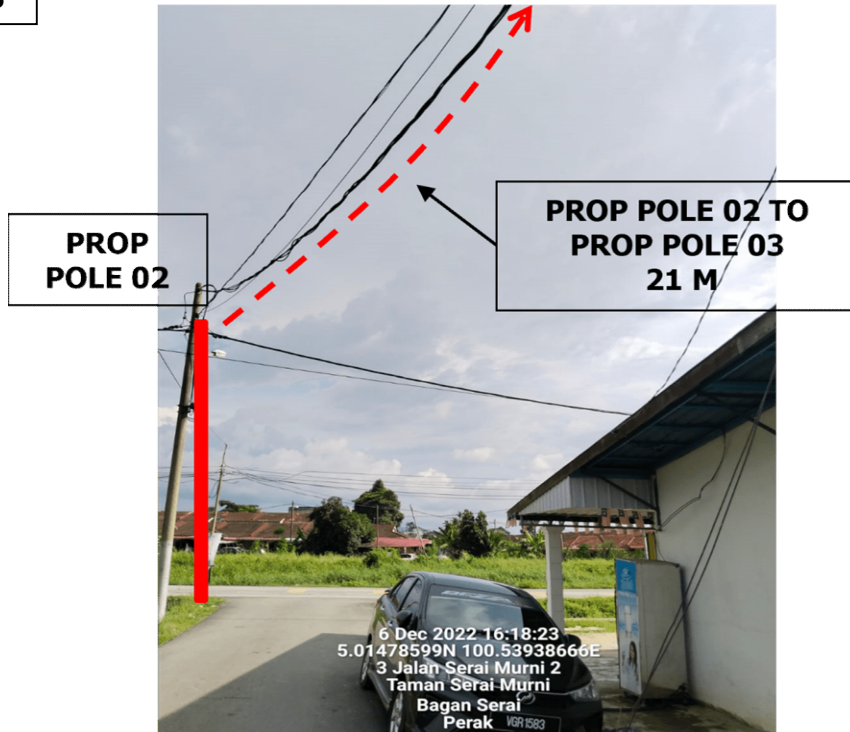
PHOTO 2



LOCATION AT JALAN SERAI MURNI 2

Section 8: Outside Plant Site Snapshot

PHOTO 3



LOCATION AT JALAN SERAI MURNI 2

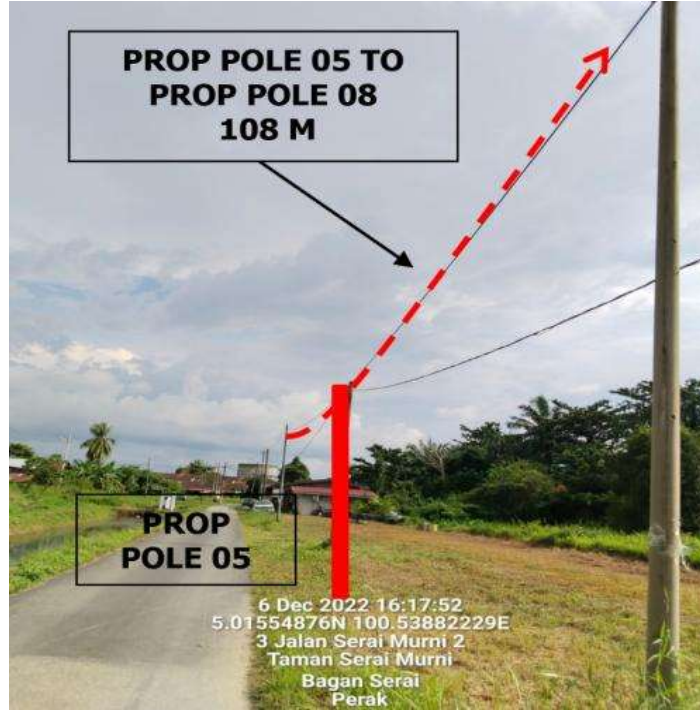
PHOTO 4



LOCATION AT JALAN SERAI MURNI 2

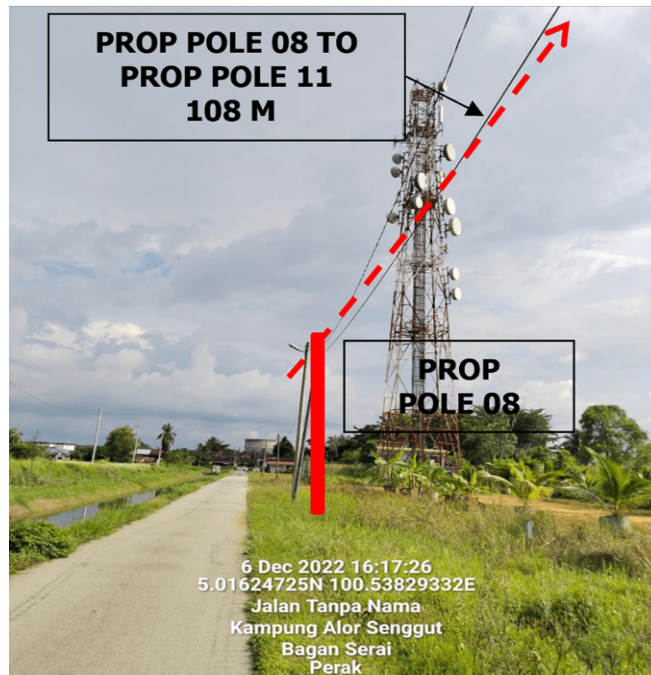
Section 8: Outside Plant Site Snapshot

PHOTO 5



LOCATION AT JALAN SERAI MURNI 2

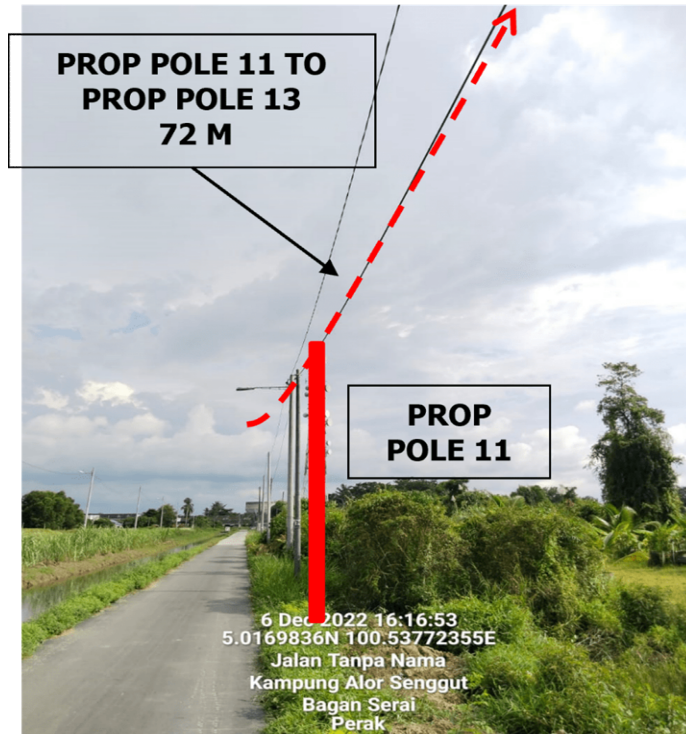
PHOTO 6



LOCATION AT JALAN TANPA NAMA

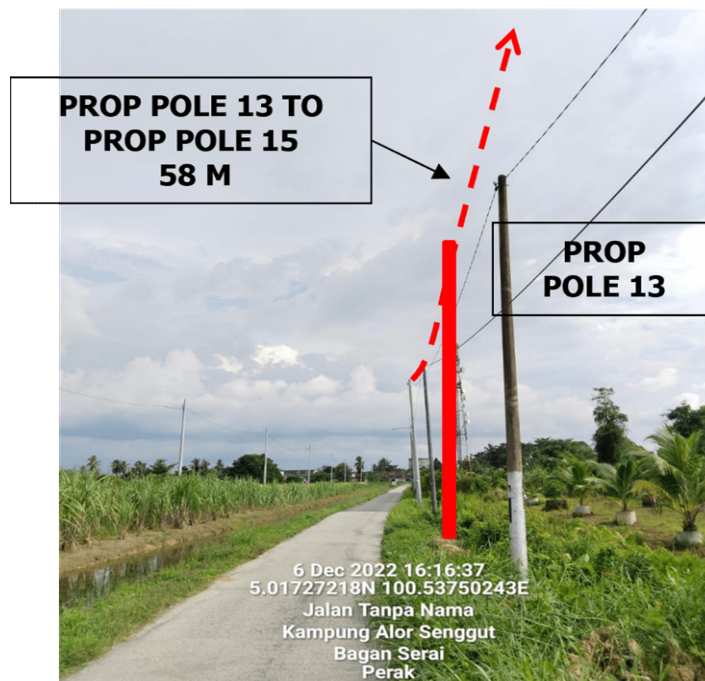
Section 8: Outside Plant Site Snapshot

PHOTO 7



LOCATION AT JALAN TANPA NAMA

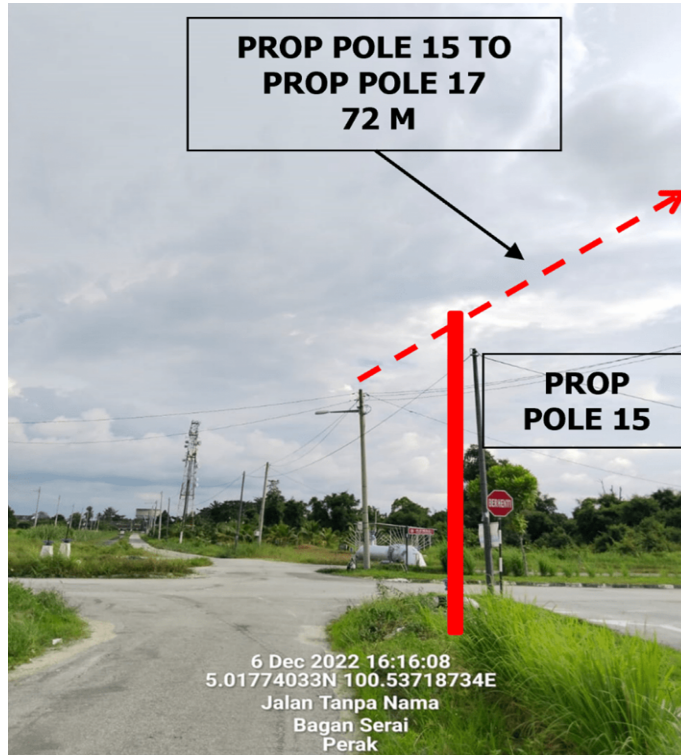
PHOTO 8



LOCATION AT JALAN TANPA NAMA

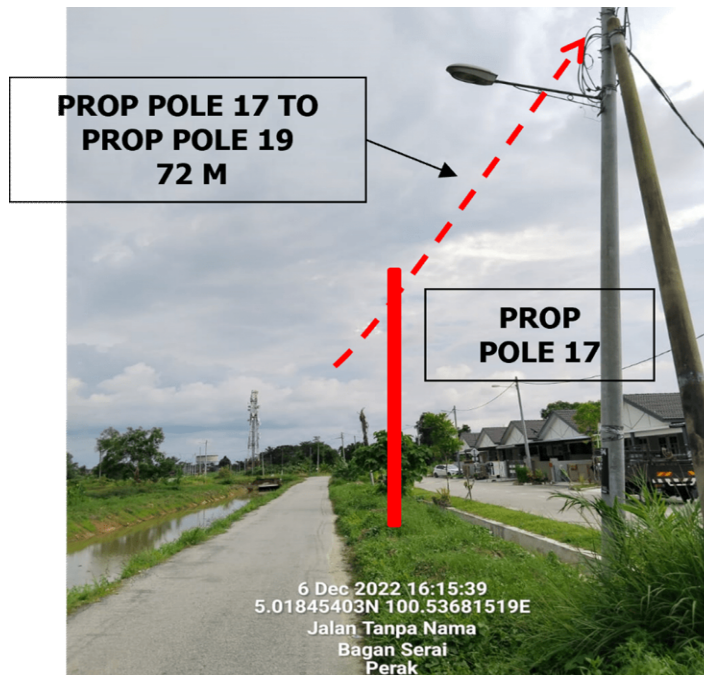
Section 8: Outside Plant Site Snapshot

PHOTO 9



LOCATION AT JALAN TANPA NAMA

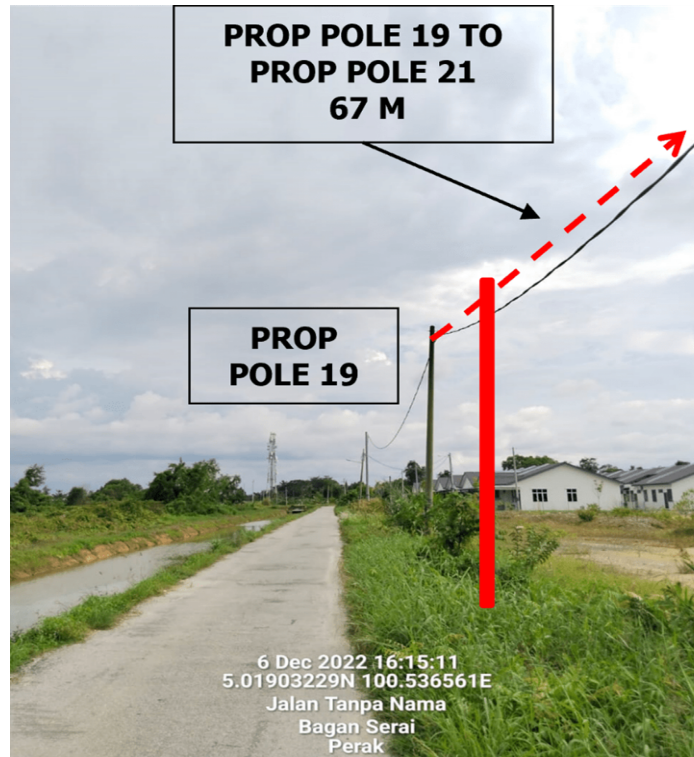
PHOTO 10



LOCATION AT JALAN TANPA NAMA

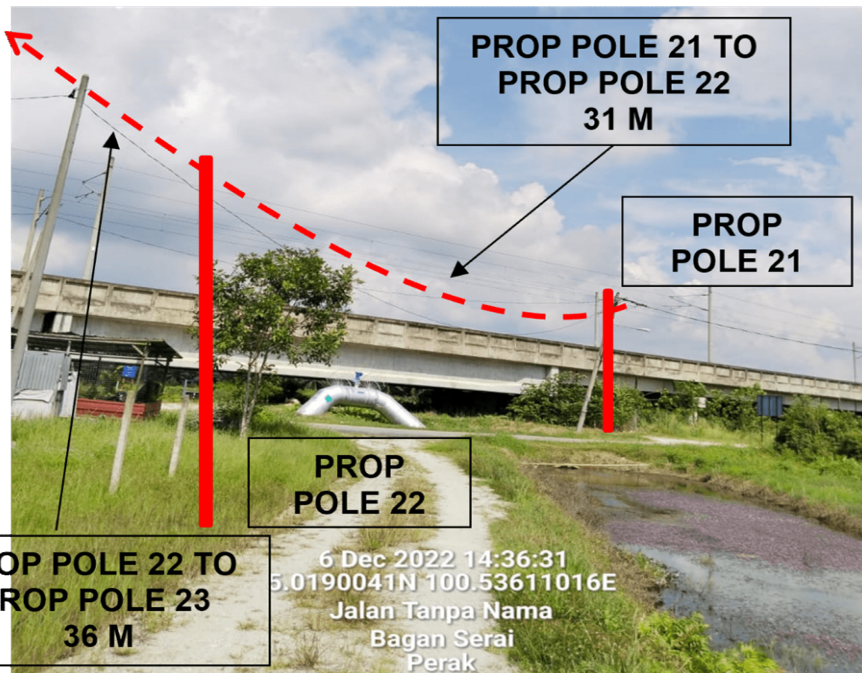
Section 8: Outside Plant Site Snapshot

PHOTO 11



LOCATION AT JALAN TANPA NAMA

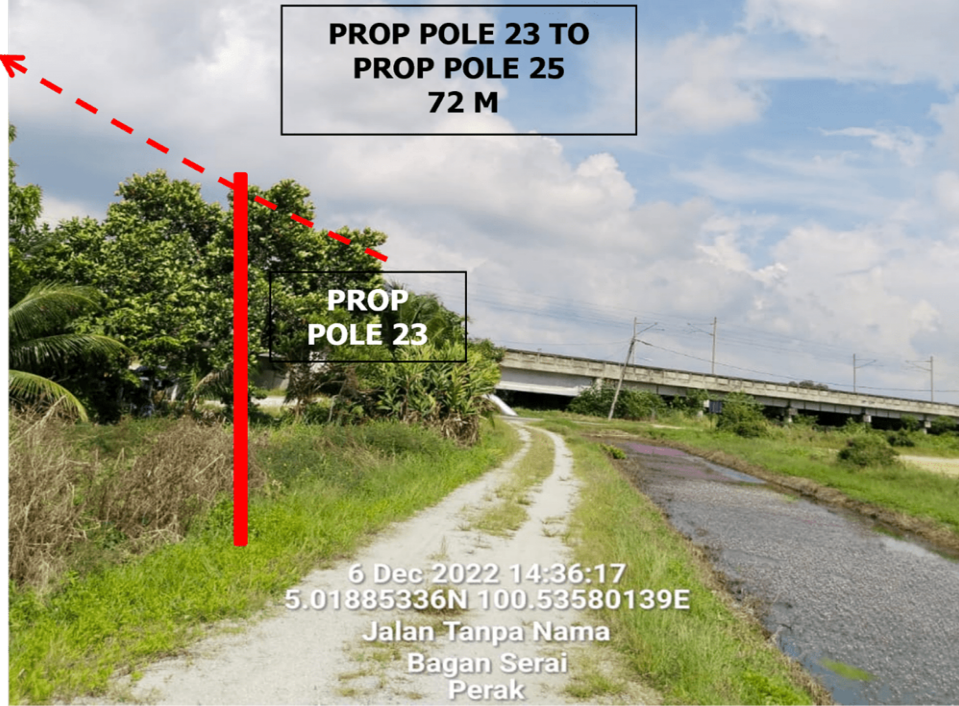
PHOTO 12



LOCATION AT JALAN TANPA NAMA

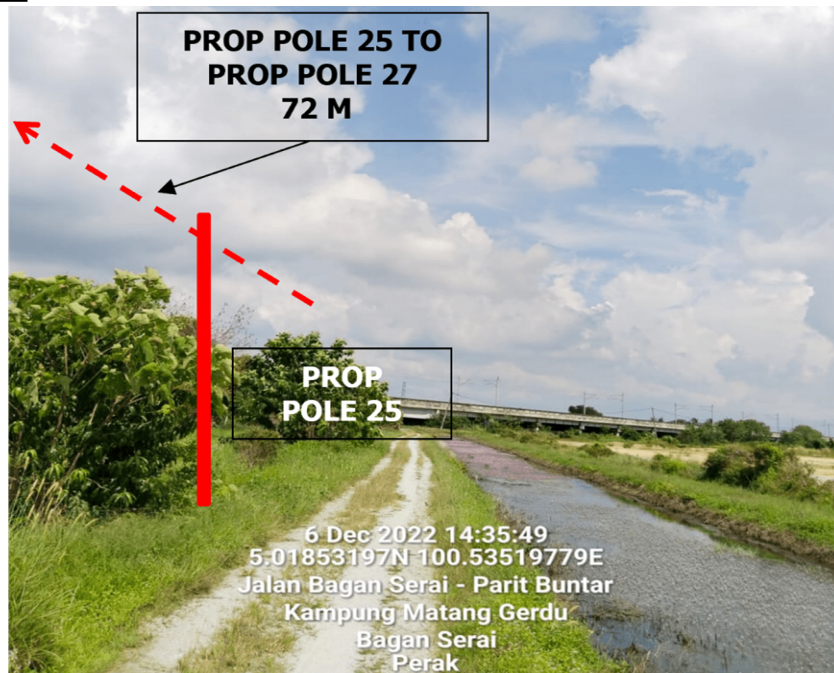
Section 8: Outside Plant Site Snapshot

PHOTO 13



LOCATION AT JALAN TANPA NAMA

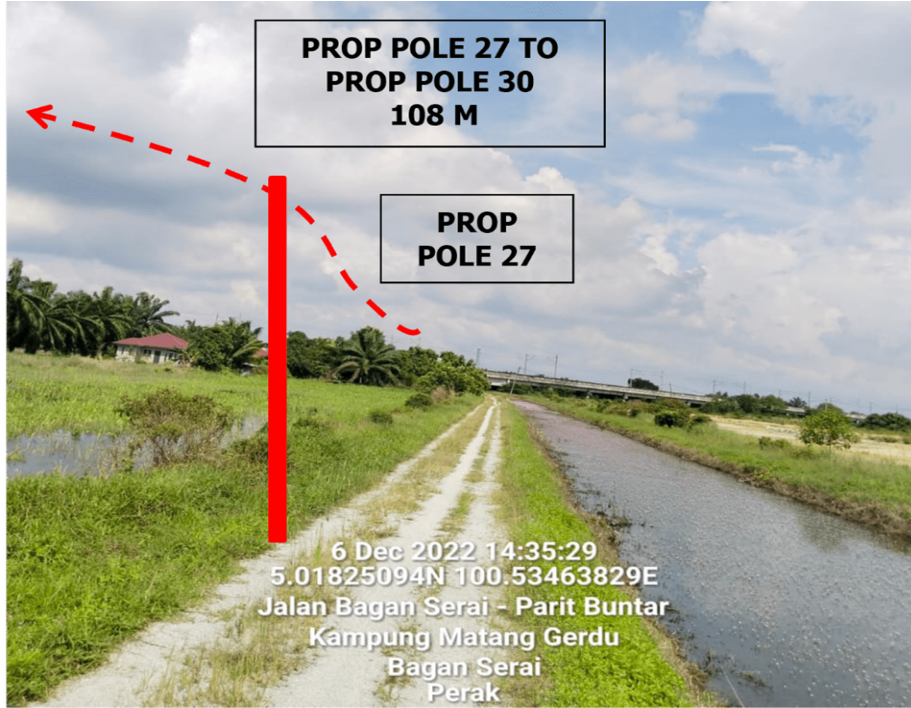
PHOTO 14



LOCATION AT JALAN BAGAN SERAI

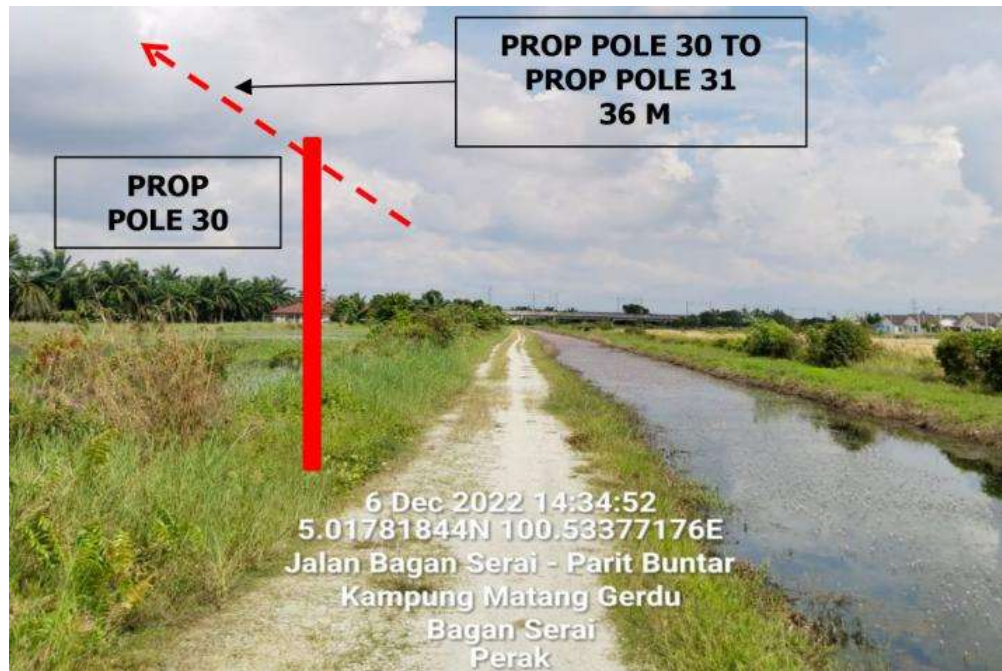
Section 8: Outside Plant Site Snapshot

PHOTO 15



LOCATION AT JALAN BAGAN SERAI

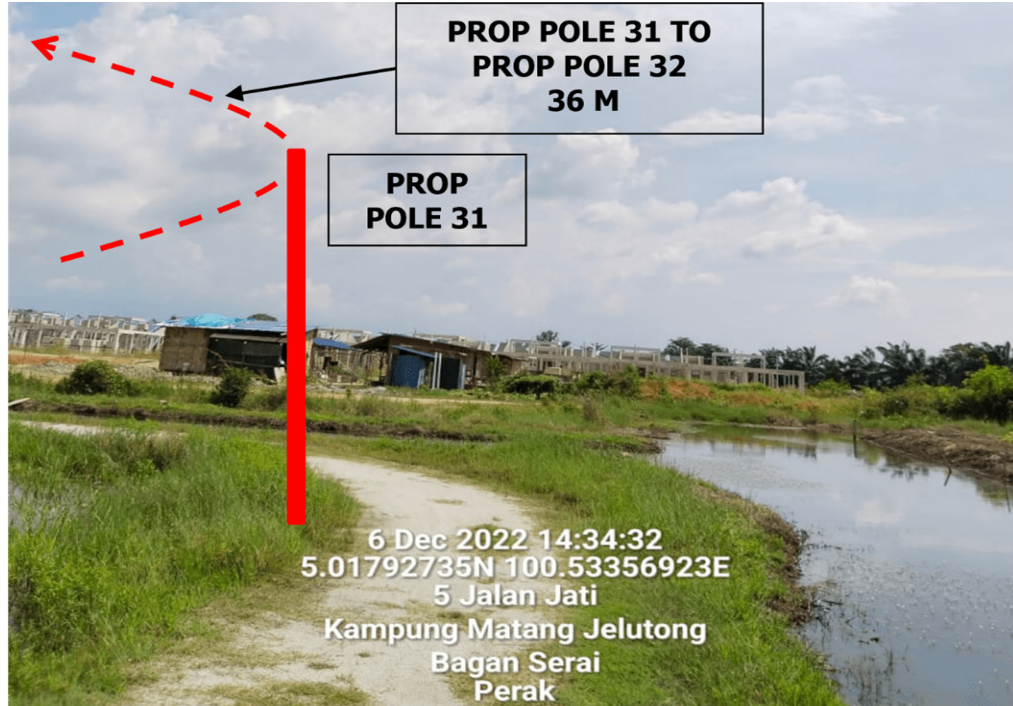
PHOTO 16



LOCATION AT JALAN BAGAN SERAI

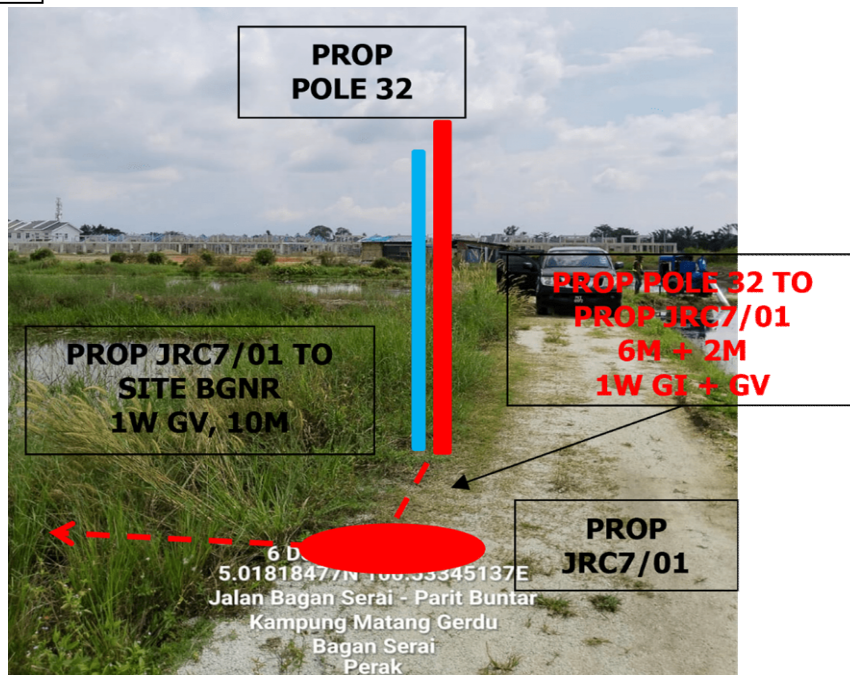
Section 8: Outside Plant Site Snapshot

PHOTO 17



LOCATION AT JALAN JATI

PHOTO 18



LOCATION AT JALAN BAGAN SERAI

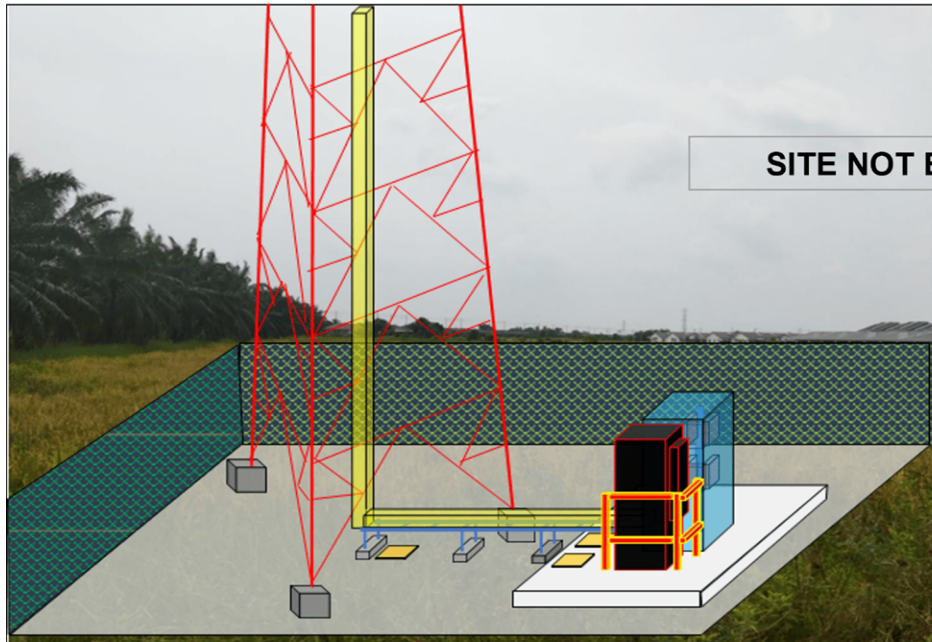
Section 9: Cabin Snapshot & Floor Plan Schematic Plan

PHOTO 1



LOCATION AT MAXIS SITE "BGNR"

PHOTO 2



LOCATION AT MAXIS SITE "BGNR"