
	Contractor	Vcomm Resources Sdn Bhd	
	SOW Ref	B12 - OSP Construction & Commisioning	
	LRD	LUPP-PTRE	
	Subject	Fiber Technical Proposal	



Region	Northern		
KV/OKV	OKV		
Point A	SITE "LUPP"	Point B	PTRE
Address	6403 LUMUT POWER PLAN 34900,SETIAWAN,PERAK.		
Site A Lat Long	4.384198,100.588771		
Site B Lat Long	4.371354,100.628935		
Structure Owner	DIGI		

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Section 1: Proposal Sign-off Sheet

This proposal contains the civil design proposal for **MAXIS RELOCATION SITE LUPP-PTRE 6403 LUMUT POWER PLAN 34900,SETIAWAN,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: _____

Designation: _____

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	6134	meter
a. Horizontal directional drilling	550	meter
b. Carriage way open cut trenching		meter
c. Grass verge open cut trenching	5584	meter
d. Micro-trenching (mT)		meter
e. Maxis Pole		meter
f. Cable trunking		meter
g. GI Pipes Crossing/Riser		meter
h. Pulling Cable		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 manhole/pole	23	pc
Area of miling work required		meter

Local council & authority approval requirement	6134	meter
a. MAJLIS PERBANDARAN MANJUNG	5452	meter
b. MALAKOFF	572	meter
c. JKR MANJUNG	110	meter

Estimated Cost of the Scheme/Project		RM
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Type of building:	TOWER
Address:	6403 LUMUT POWER PLAN 34900,SETIAWAN,PERAK.
Contact person:	
Contact no.:	

Existing Infrastructure Information

Preceding duct/sub-duct space	Existing manhole at TAPPING EXIST MAXIS MH
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

STRUCTURE OWNER(LUPP)-DIGI
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SLA

Date Survey Triggered

Survey Done (Days)	TP Submission (Days)
8	14

Implementation

Method	Distance (m)	CW (Days)
Underground	6134	158
Pole	0	0
Total	6134	158

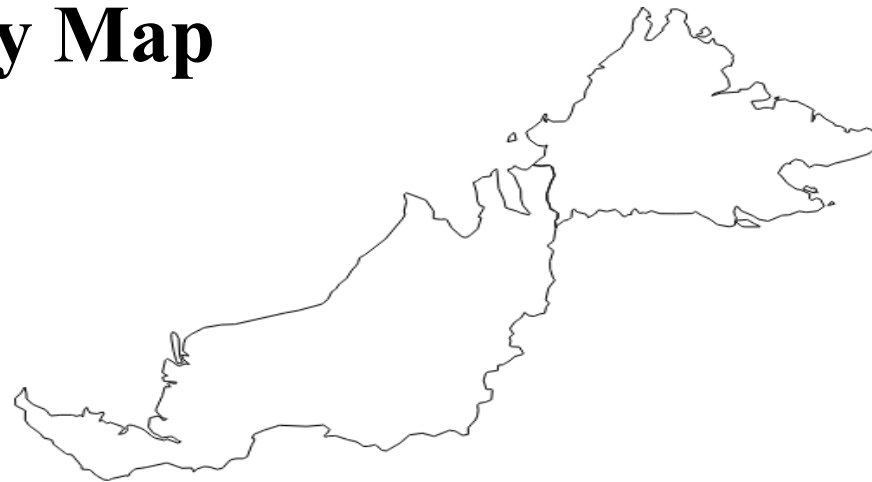
Date TP Submission

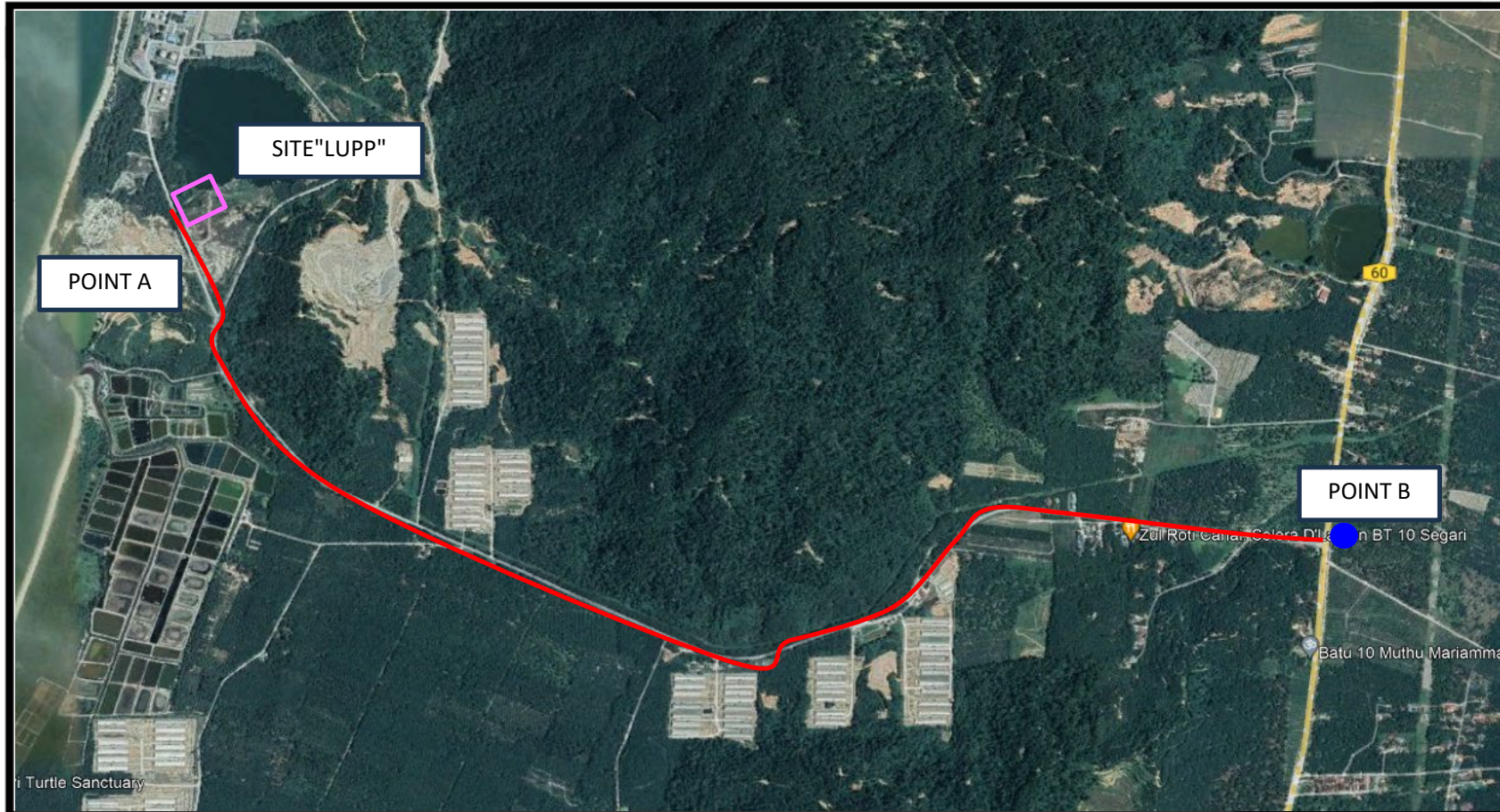
Date CW Completed




Section 3

Vicidnity Map





 MAXIS BROADBAND SDN BHD Level 9, Menara Maxis, Kuala Lumpur City Centre, 50088, Kuala Lumpur.	TITLE:	Designed by:	Checked by:	Approved by:
	CIVIL PLAN AT MAXIS SITE "LUPP-PTRE" 6403 LIMUT POWER PLAN 34900, SETIAWAN, PERAK.	VCOMM RESOURCES SDN BHD	M. NAZIM	M. NAZIM
		Prepared by: syimir najiy	Date: 23 FEBRUARY 2024	Sheet No: INDEKS
		Job No:	File:	Rev:

LEGEND



Proposed MH



Existing MH



Proposed duct

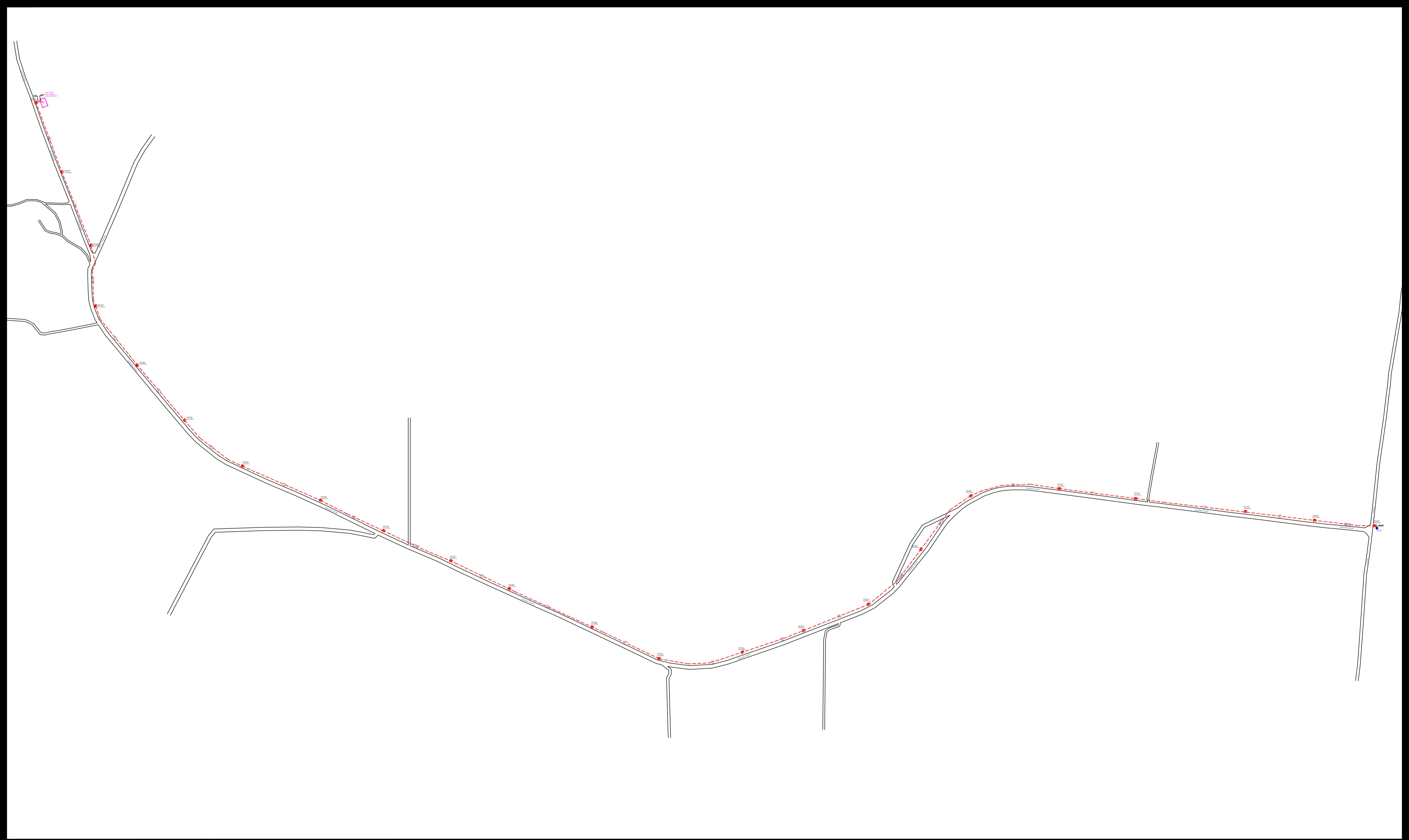


Existing duct

Section 4

Civil Infrastructure Route Plan & Permit Boundary





MAXIS BROADBAND SDN BHD
 Level 9, Menara Maxis,
 Kuala Lumpur City Centre,
 50088, Kuala Lumpur.

TITLE:
 CIVIL PLAN AT MAXIS SITE "LUPP-PTRE"
 6403 LUMUT POWER PLAN
 34900,SETIAWAN,PERAK.

Designed by:
 VCOMM RESOURCES SDN BHD

Checked by:
 M NAZIM

Approved by:
 M NAZIM

Prepared by: syimir najiy

Date: 23 FEBRUARY 2024

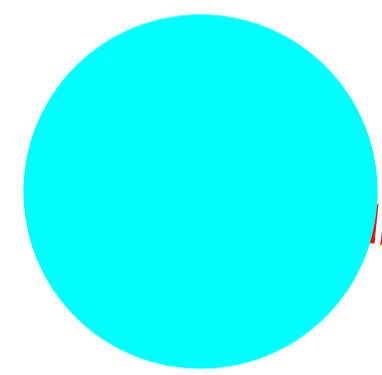
Sheet No: INDEKS

Job No:

File:

Rev:

JKR MANJUNG
LAT:4.371443
LONG:100.628121

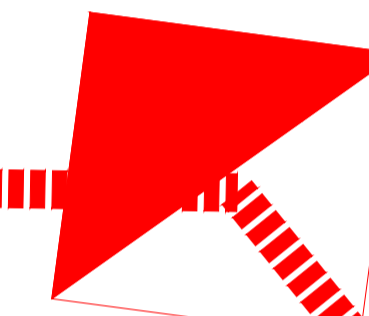


1W,HDD
90m

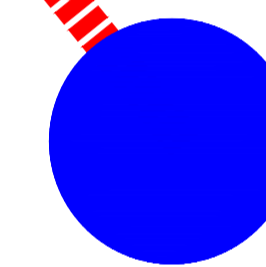
PERSIARAN SEGARI

JALAN 60

PROP JRC7/23
LAT:4.371354
LONG:100.628935



1W,GV+GI
5M+6M



EXT MAXIS POLE:
A-LJL60-0212-000M



MAXIS BROADBAND SDN BHD
Level 9, Menara Maxis,
Kuala Lumpur City Centre,
50088, Kuala Lumpur.

TITLE:
CIVIL PLAN AT MAXIS SITE "LUPP-PTRE"
6403 LUMUT POWER PLAN
34900,SETIAWAN,PERAK.

Designed by:
VCOMM RESOURCES SDN BHD

Prepared by: syimir najiy

Job No:

Checked by:
M NAZIM

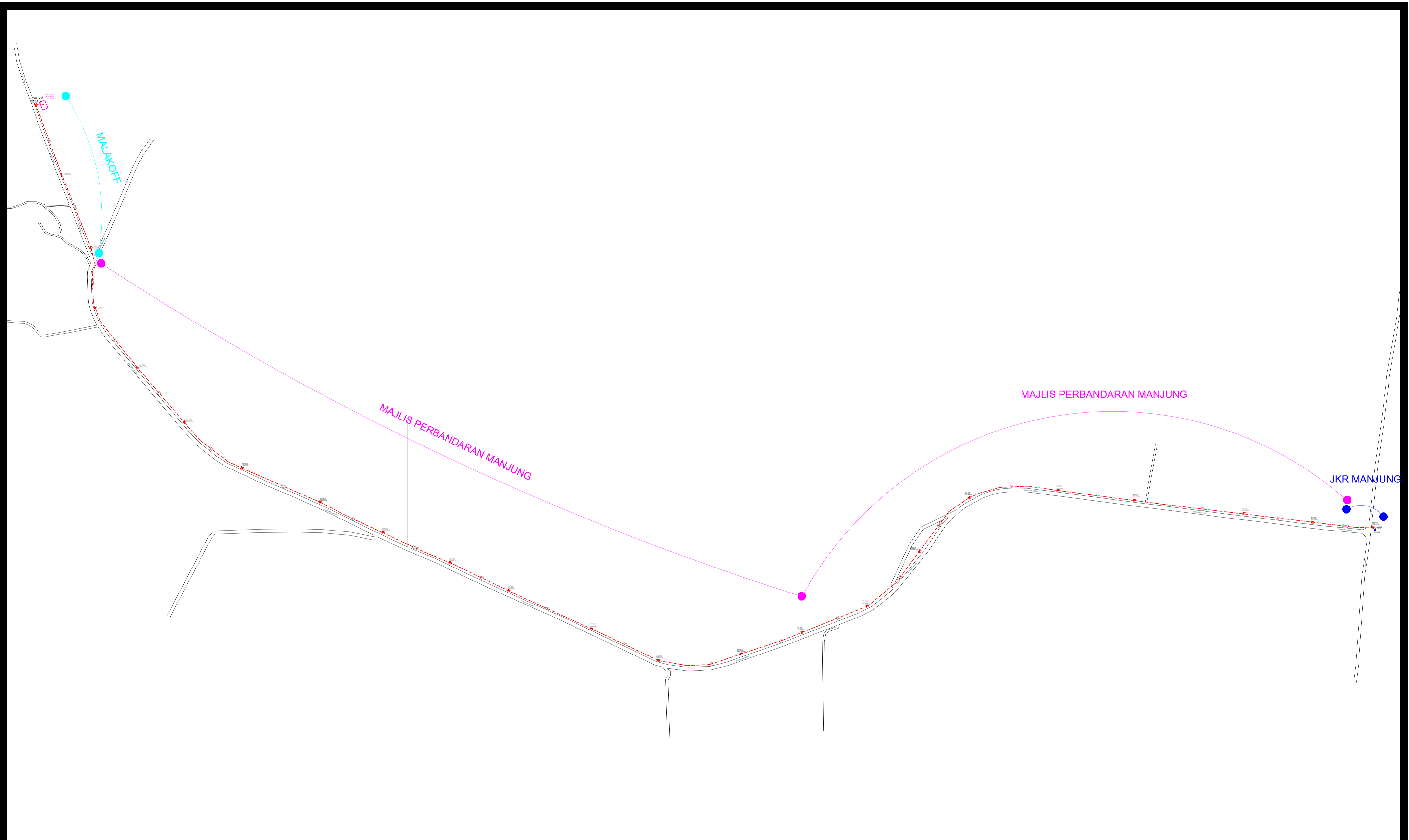
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Approved by:
M NAZIM

Sheet No: 6 OF 6

Rev:



MAXIS BROADBAND SDN BHD
 Level 9, Menara Maxis,
 Kuala Lumpur City Centre,
 50088, Kuala Lumpur.

TITLE:
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Designed by:
 VCOMM RESOURCES SDN BHD

Prepared by: syimir najiy

Job No:

Checked by:
 M NAZIM

Date: 23 FEBRUARY 2024

File:

Approved by:
 M NAZIM

Sheet No: INDEKS

Rev:

Section 8: Outside Plant Site Snapshot

