

# UM5G FOC LKR\_F08 NID UM5G NGBH - BLBL

## Revision Record

Revision No.	Description Of Change	Author	Effective Date
1	<ol style="list-style-type: none"><li>1. Info Main Fiber, Permit &amp; IW.</li><li>2. Additional Picture of building &amp; picture every Manhole</li></ol>	NURFAZLIANA BINTI FAIZUL	13/12/2025

# Technical Proposal for TM Project



<b>Project Description:</b>	UM5G FOC LKR_FXX NID UM5G NGBH - BLBL
<b>Project Number:</b>	TMNA/250578
<b>TM Node</b>	LKR
<b>Region</b>	NORTHERN
<b>SITE ID</b>	BLBL
<b>RFSI Date</b>	31-JAN-26
<b>GPS Coordinate</b>	4.093850, 100.791473
<b>Main Fiber Info</b>	LKR_F08
<b>Required Permit OSA</b>	No
<b>Landowner permit/issue</b>	Yes
<b>Required IW</b>	No
<b>Floor Involved for IW</b>	No

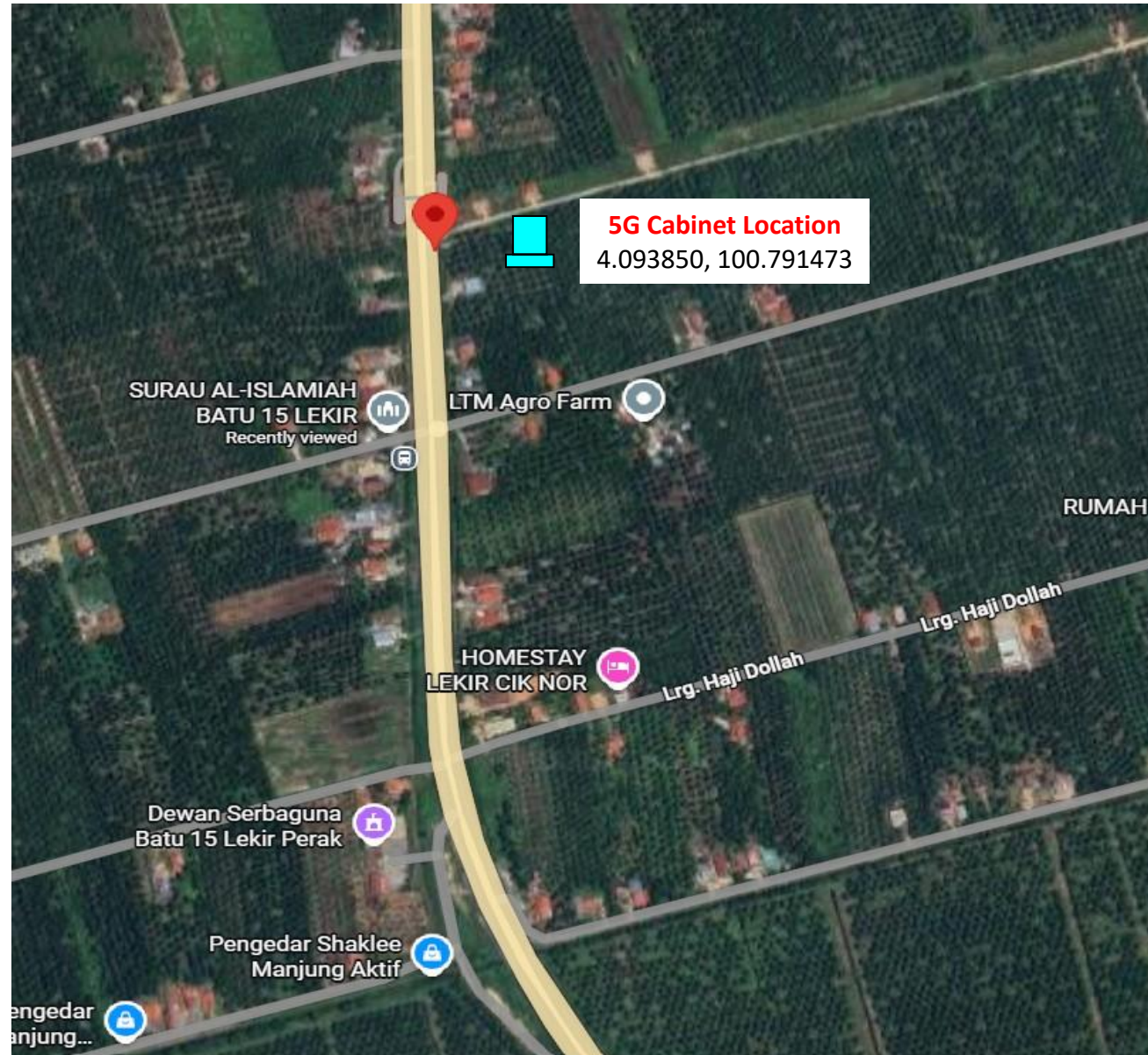
<b>Prepared by:</b>	NURFAZLIANA FAIZUL
<b>Company Name:</b>	SINOR TECHNOLOGY SDN BHD
<b>Date:</b>	13/12/2025
<b>TP Revision:</b>	1

## Checklist for 5G project

NO			DETAIL	TICK IF REQUIRED
1	5G Cabinet Location	1.1	5G Cabinet Map Location	/
		1.2	5G Cabinet Details and Illustration	/
2	Fiber Route Information	2.1	Detail Fiber Route to the site	/
4	New Pole & Civil information	4.1	Pole plan (new pole)	/
		4.2	Pole details	/
5	New Civil	5.1	Civil Plan	/
		5.2	Civil Illustration	/
		5.3	Civil Manhole Detail	
6	BOQ & BOM	6.1	Project BOQ	/
		6.2	Detail BOM	
7	Costing	7.1	Overall Costing	
8	PO VO	8.1	Plan	
		8.2	Costing	
		8.3	SI FORM	

# 1.1

## 5G Cabinet Map Location



Legend:



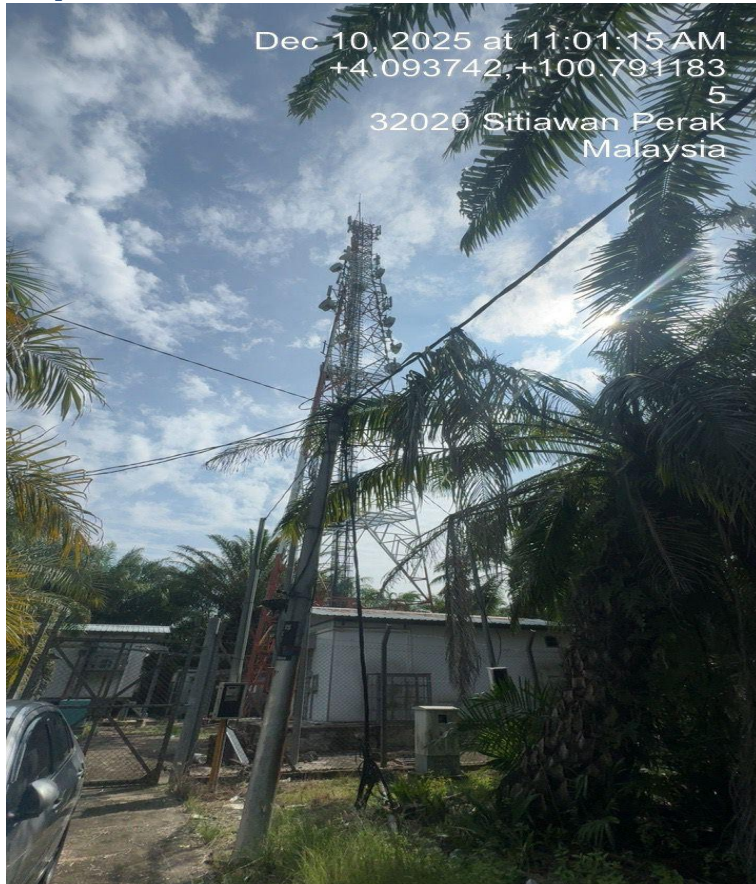
5G Cabinet Location

# 1.2

## 5G Cabinet Details and Illustration

No	Info	Road/Location	Type	Lat/Long
1	5G CABINET	KAMPUNG BATU LIMA BELAS LEKIR 32000 SITIAWAN PERAK	TOWER/CABINET	4.093850, 100.791473

### Propose Location

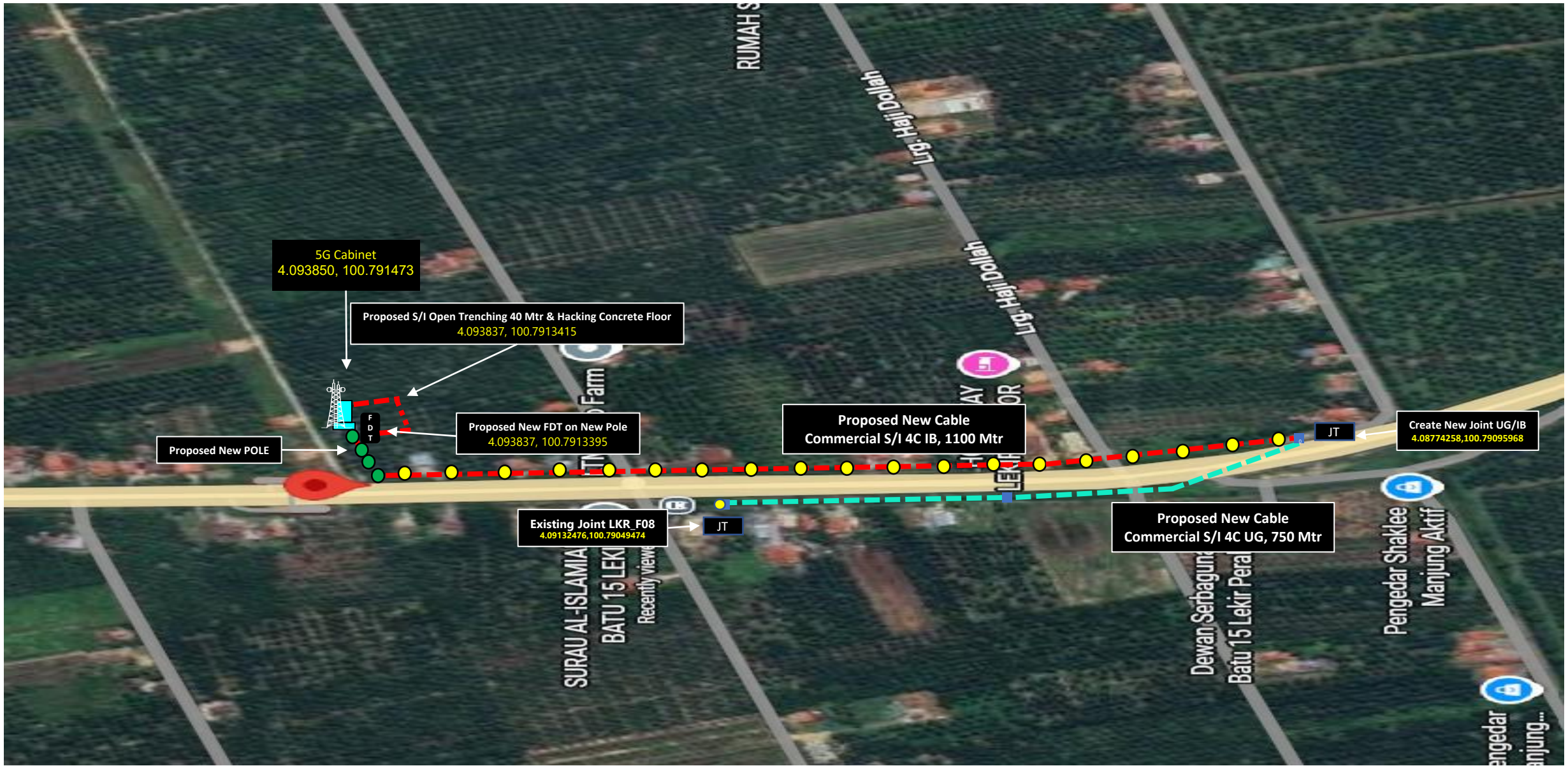


Legend:

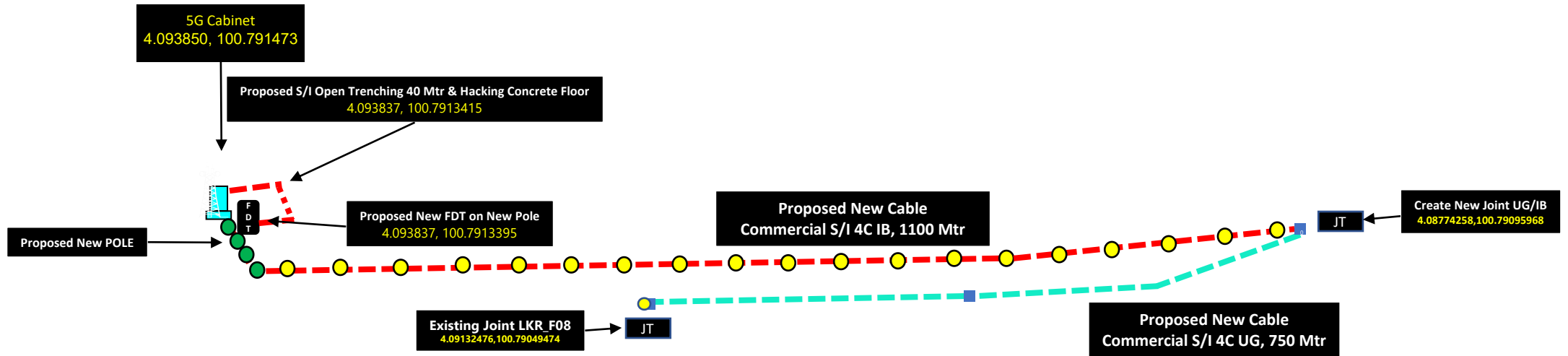


5G Cabinet Location

## 2.1 Detail Fiber Route to the site



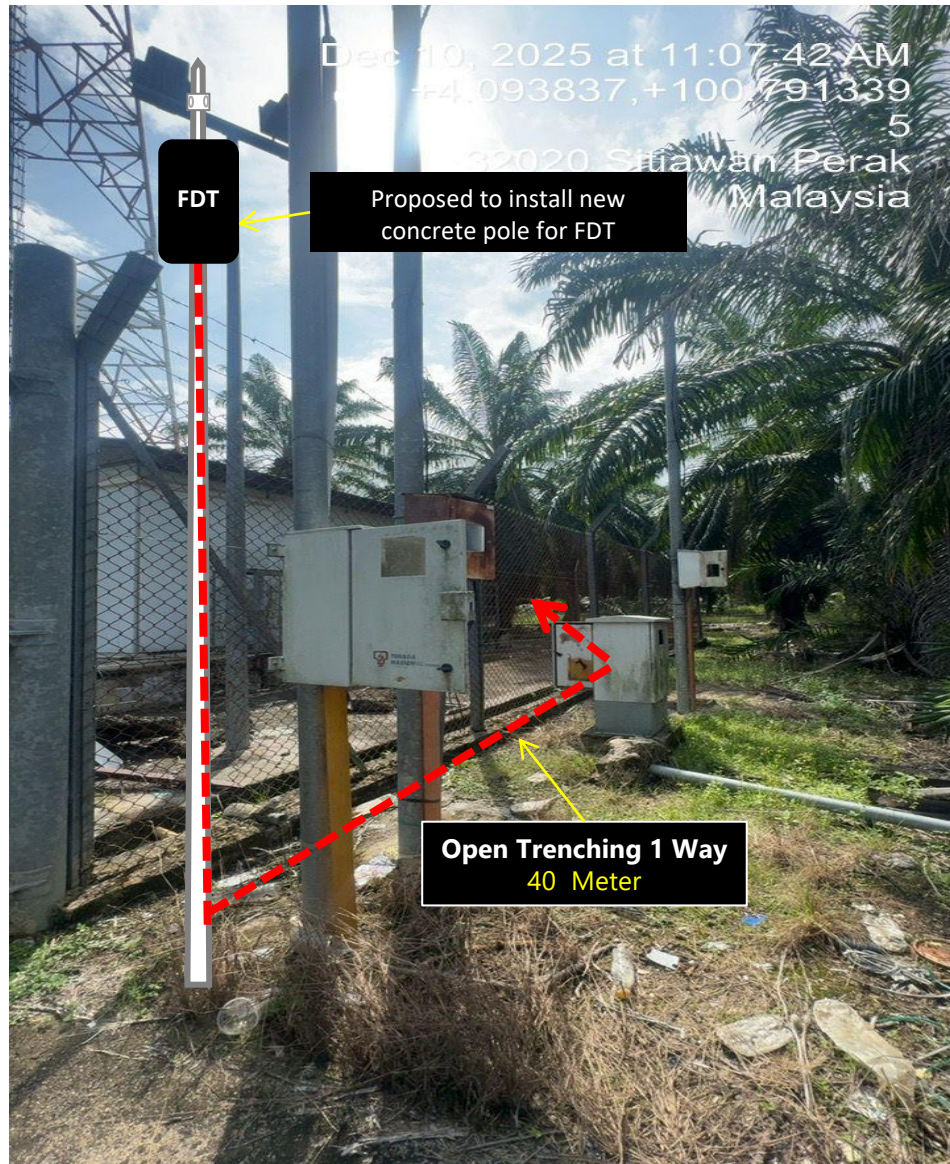
## 2.1 Detail Fiber Route to the site



COMMERCIAL SI 4C UG -750M  
COMMERCIAL SI 4C IB - 1100M

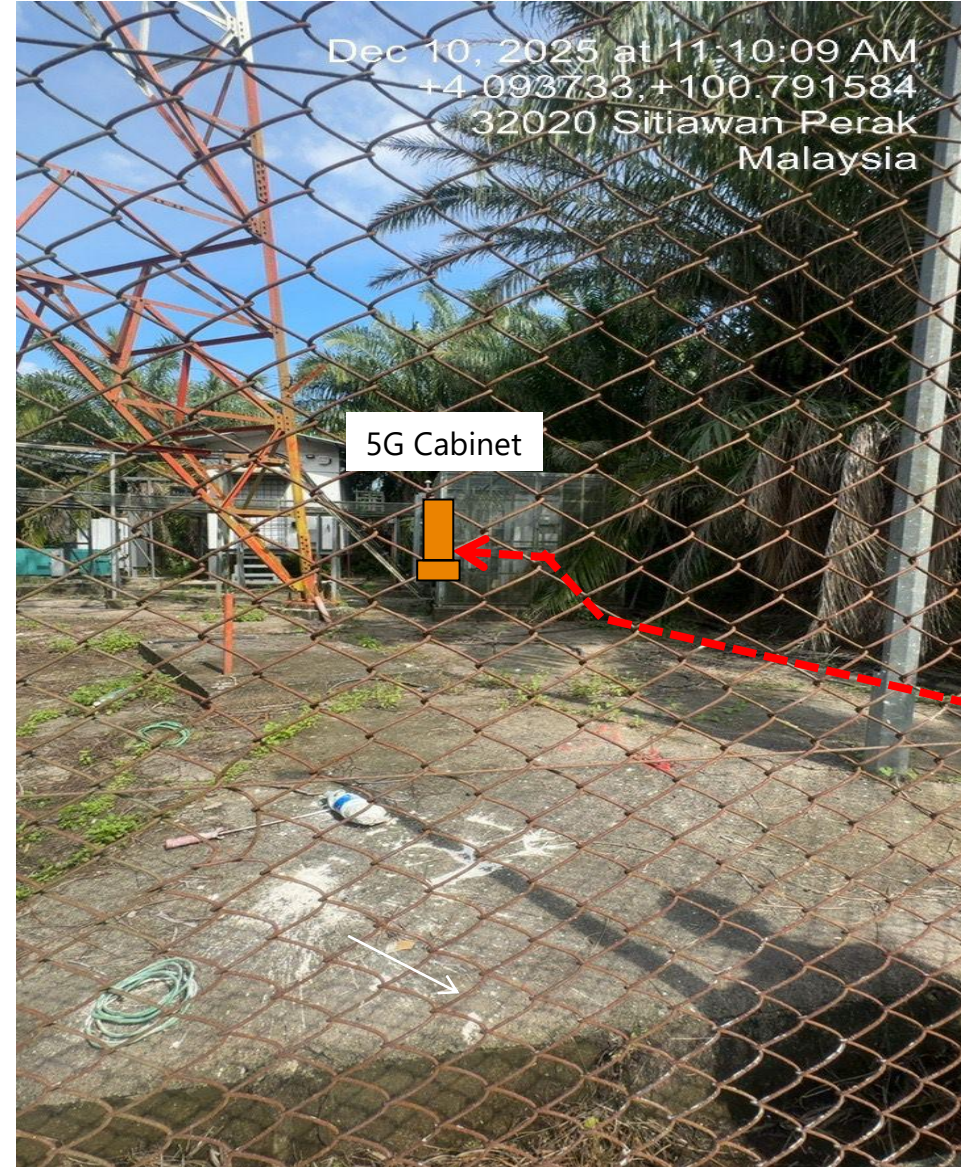


## 2.1 (B) Detail Fiber Route to the site



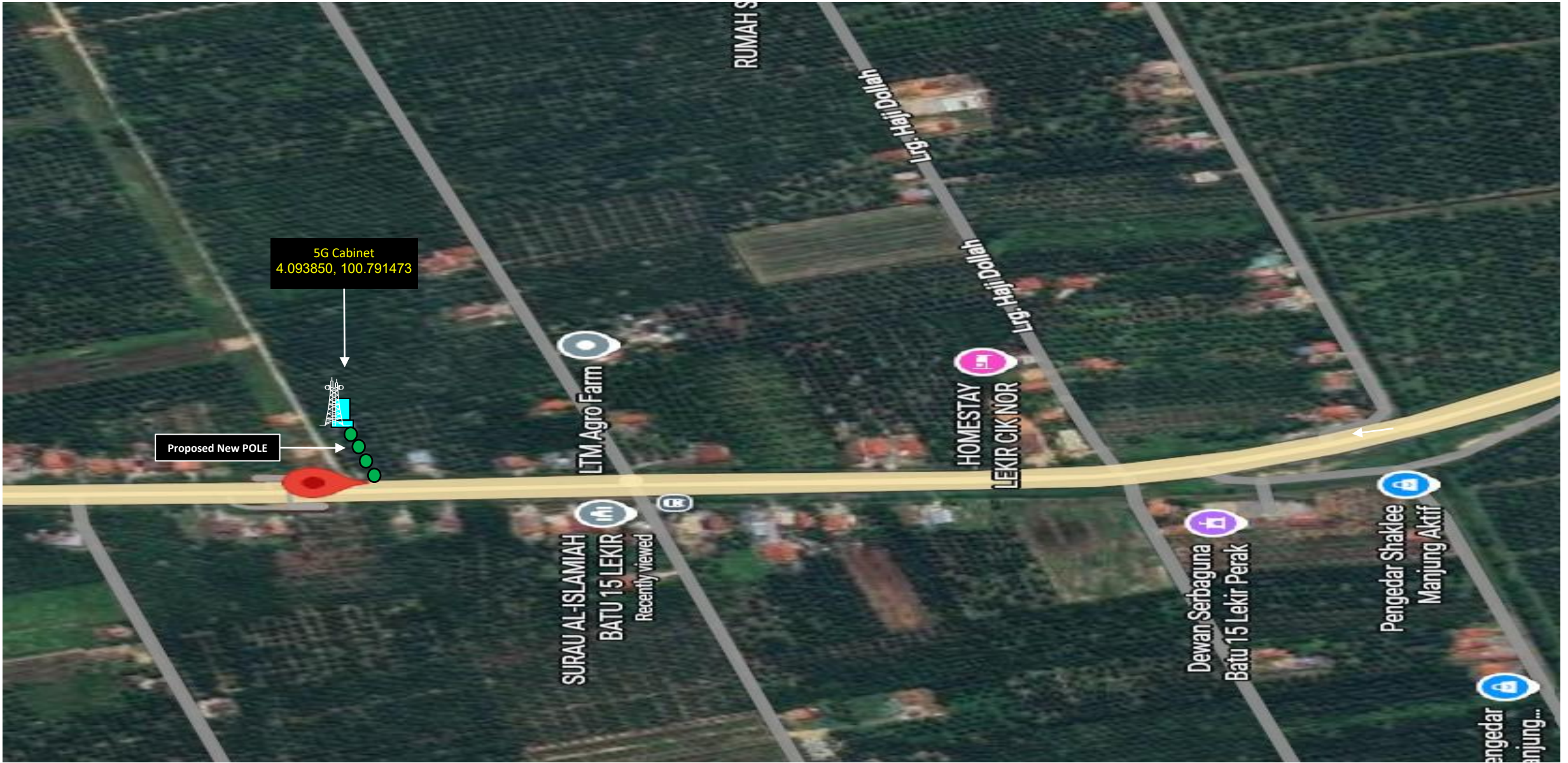
- Legend:**
-  5G Cabinet
  -  Joint
  -  New FDT
  -  Existing Pole
  -  4C Commercial UG
  -  4C Commercial IB
  -  Man Hole
  -  New Pole

## 2.1 (C) Detail Fiber Route to the site











Legend:  5G Cabinet  Joint  New FDT  Existing Pole  4C Commercial UG  4C Commercial IB  Man Hole  New Pole

### 3.1 New Pole Plan



**Legend:**

	5G Cabinet		Joint		New FDT		Existing Pole		4C Commercial UG		4C Commercial IB		Man Hole		New Pole
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## 3.2 New Pole details

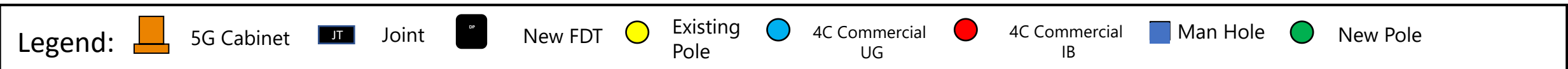
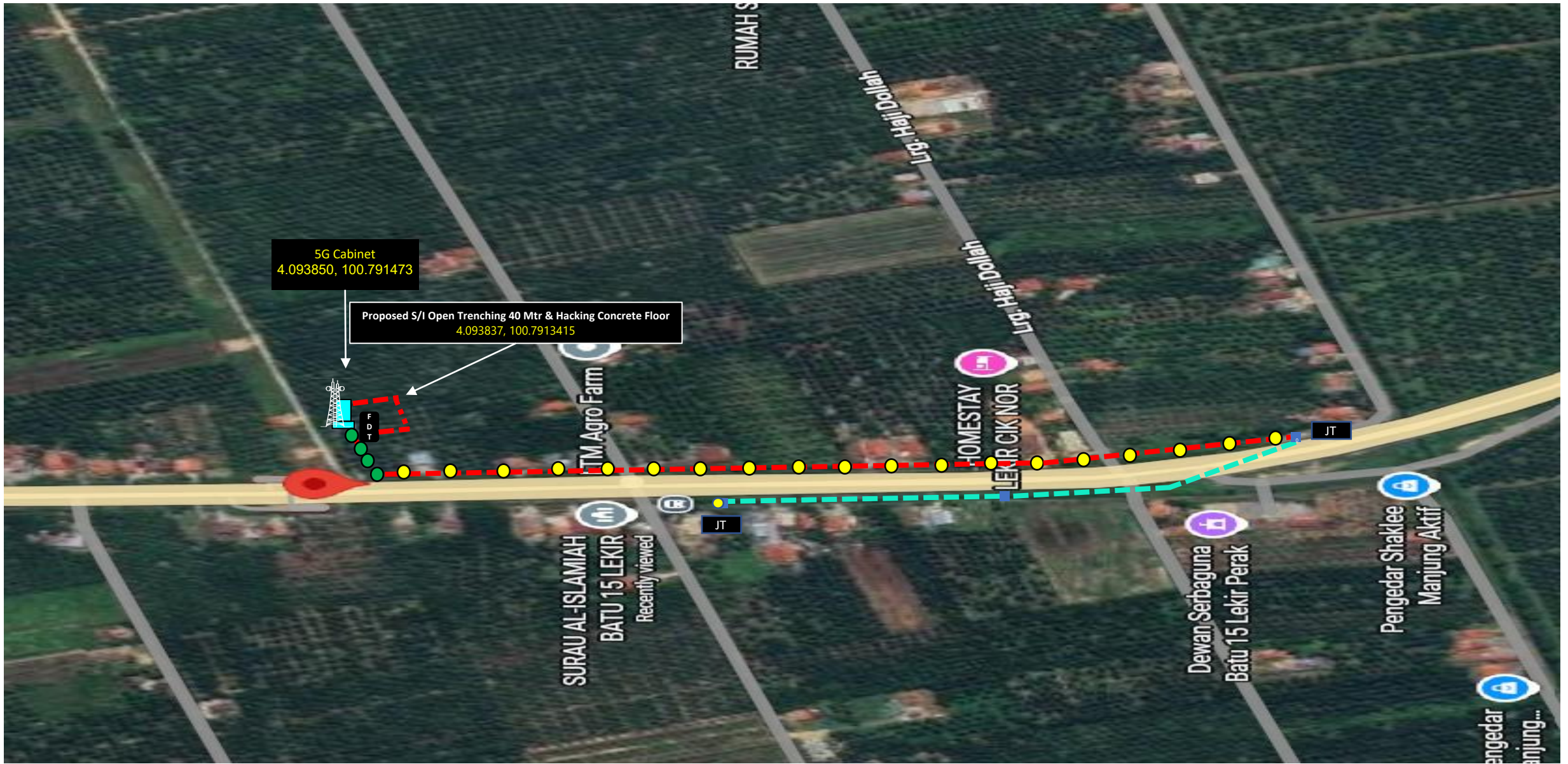
No	POLE ID	Pole Type	GPS Coordinate
1	1	Pole Concrete 7.5M	4.575884, 101.1331445
2	2	Pole Concrete 7.5M	4.093808, 100.791194
3	3	Pole Concrete 7.5M	4.093745, 100.790998
4	4	Pole Concrete 7.5M	4.093694, 100.790845

### 3.3

### New Pole Illustration



# 5.1 New Civil

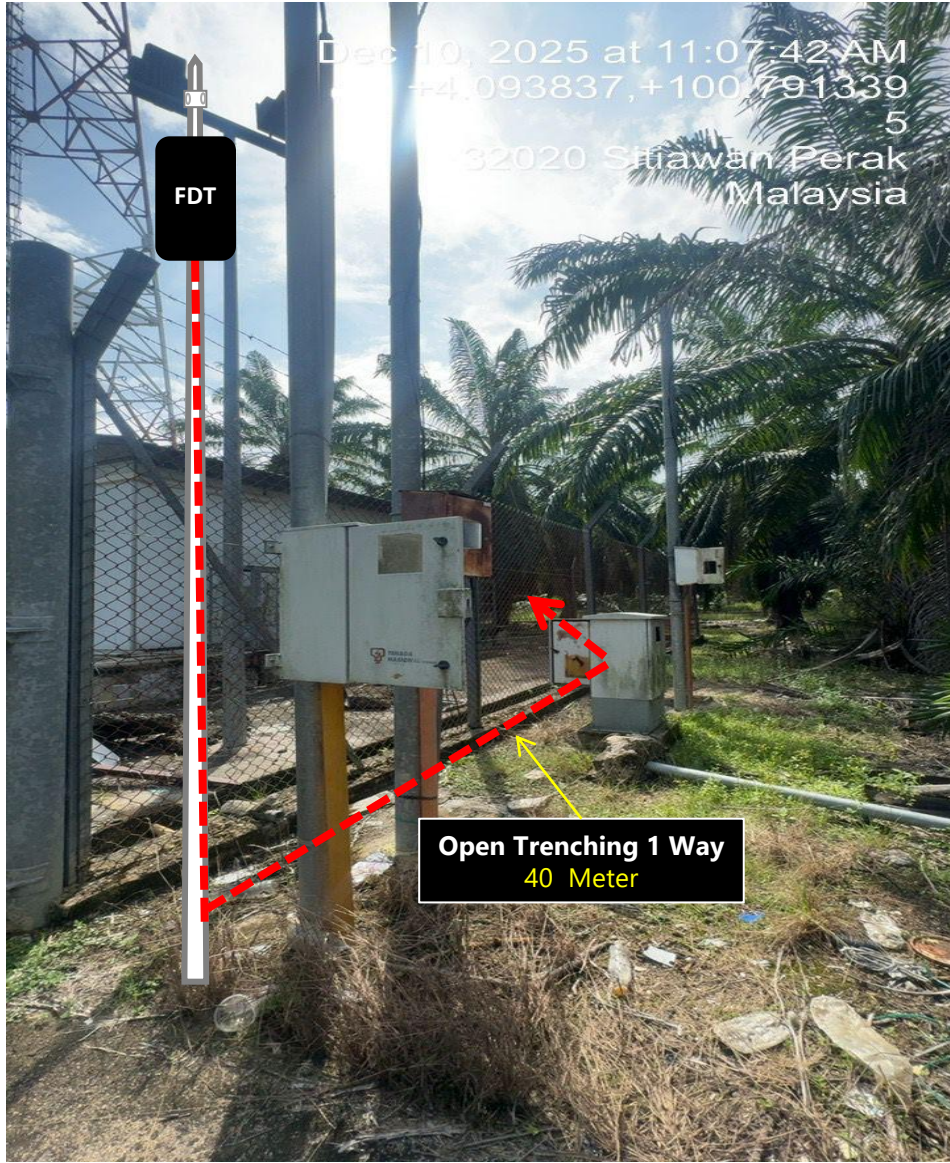


## 5.2

### New Civil details

No	PU ID	PU Desc	GPS Coordinate
1	908137	S/I 1 WAY OPEN TRENCHING (ORI MAX)	4.093837, 100.7913415
2	108869	HACKING CONCRETE FLOOR FOR PVC TRUNKING	4.093691, 100.791376

## 5.3 New Civil Illustration



Legend:  5G Cabinet  Joint  New FDT  Existing Pole  4C Commercial UG  4C Commercial IB  Man Hole  New Pole

## 4.1

## BIL OF QUANTITY - BOQ

Contract NO	3400049348
Vendor No	1109532
Project No	TMNA/250578
Region	NORTHERN
Exchange	LKR
BOQ Date	2025
LOR ID	PRK-SNR-254707-TP



No	PU ID	PU DESC	RATE	REQ QUANTITY	TOTAL (SST)
1	908144	S/I CNCRTE POLE (UP TO 4 POLES) (ORI MAX)	673.38	4.00	2,983.61
2	908137	S/I 1 WAY OPEN TRENCHING (ORI MAX)	44.39	40.00	1,966.83
3	600010	COMMERCIAL S/I FOC 4C UG (ORI MAX)	6.89	750.00	5,724.04
4	600012	COMMERCIAL S/I FOC 4C OH (ORI MAX)	7.83	1,100.00	9,540.63
5	108869	HACKING CONCRETE FLOOR FOR PVC TRUNKING	23.45	1.00	24.86
<b>TOTAL COST</b>					<b>RM20, 239.97</b>

BOQ Prepared by:	NURFAZLIANA BINTI FAIZUL
Company Name:	SINOR TECHNOLOGY SDN. BHD.
Date:	12/2025
BOQ Revision:	0

END OF TECHNICAL PROPOSAL