



## TECHNICAL PROPOSAL FOR FIXED NETWORK ACCESS

At  
Manulife Investment Management (M) Berhad,  
No 2c,3<sup>Rd</sup> Floor,  
Pusat Perdagangan Canning 2,  
31400 Ipoh,  
Perak

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## 1.0 TP CHECKLIST

Building Name : Manulife Investment Management (m) Sdn Bhd				
Date of LOI : 21/01/2025				
Date of Survey : 07/02/2025				
	DESCRIPTION	YES	NO	REMARKS
1	TIME existing manhole coordinate	✓		Lat:4.602051 Long:100.115380
2	Existing building manhole coordinate		✓	
3	Any Gas pipe signage seen at site? If YES, attach Photo		✓	
4	Any TNB signage seen at site? If YES, attach Photo		✓	
5	Any crossing drainage? If YES, attach photo & width of the drainage		✓	
6	Any INDAH WATER manhole seen at site? If YES, attach Photo		✓	
7	Any crossing traffic light? If YES, attach photo & measurement of the traffic light box		✓	
8	Has identified Local Authority? Kindly indicate.		✓	
9	Drawing for outside plant (OSP) survey - Building Access & civil work up to last TIME manhole (dwg format - autocad & .pdf format) *	✓		
10	Drawing for inside plant (ISP) survey - MDF up to riser (.dwg format - AutoCAD & .pdf format) *	✓		
11	Prepare the complete 1 copy of Technical Proposal (.pdf format & Word Format) –of softcopy – 1 copy	✓		
12	Bill of Quantity for civil, fibre pulling, splicing & termination	✓		
13	The latitude & longitude of the building location, last TIME manhole and building manhole in 6 decimal points (xx.xxxxxx, x.xxxxxx) in TP Location Map	✓		
14	Open up the manhole at any spot of joint/ring cut & provide duct space record for this project (photo required). Please make sure that there is TIME cable in the manhole (photo required). <b>If unable to open up the manhole, photo of manhole surrounding is required.</b>	✓		
15	Survey Acknowledgment Form signed & attached		✓	
16	Others			

## 2.0 GENERAL INFORMATION

### General Information

Building Name : Manulife Investment Management (M) Berhad

Address: Manulife Investment Management (M) Berhad  
No 2C,3<sup>rd</sup> Floor  
Pusat Perdagangan Canning 2,  
31400 Ipoh  
Perak

Type of Development: Shoplot

No of Unit:

No of Storey/Block: 3/1

### Contact Person

#### Management

Name: H/P

Designation: Tel

Email Address:

#### Maintenance / Security Department

Name: NA H/P NA

Designation: NA Tel

Email Address: -

### Comments

For TimeDotCom Bhd Use Only

Remarks :

Prepared by: Prospek Dinamik Sdn Bhd

Date of LOI: 21/01/2025

Date of Survey: 07/02/2025

Surveyed by: Mohd Fazli Bin Mohd @ Mohamad

Drawing Prepared by: Zaida Binti Ismail

Eng. Person In charge: Ahmad Zafri

**Telecommunication Information**

**MDF/SDF Room Description**

Number of MDF/SDF Room: 1  
 Location of Equipment Room: Level 3  
 Number of Fiber Cores Terminated: 12Cores  
 Number of Splitter Installed:  
 Location of Splitter:  
 Fiber of Termination Type: 1 x FTP 12C (Rack Mount)  
 Power: Yes  
 Method of Access to Building: HDD work  
 Method of Exit to Riser: N/A  
 Longitude: 100.113967  
 Latitude: 4.601114

**Construction Detail**

No	Description	Method	Distance (m)
1	Fiber Pulling *( from Server Room to Ext. Time Manhole)	Exst Way	650m
2	Civil	HDD	495m
		M/Trenching	15m

Comment:

For Contractor Use Only:

For Client Use Only :

## 3.0 PROPOSAL FOR FIXED NETWORK ACCESS

### 3.1 Introduction

- 3.1.1 TIME dot Com offers a wide variety of fixed-line telecommunications services. As part of our commitment to provide our customers with the best possible solutions to serve all their communications needs; we aim to enhance telecommunication services in your building to offer your tenants with High Speed Internet, Data and Voice connectivity. Your premises will be enhanced today for tomorrow's communication and IT requirements. With that, we provide a choice of Service Providers to your tenants and your building gains a future-proof communication infrastructure.
- 3.1.2 A physical infrastructure link to the building is the main access to deliver services to the tenants. The typical link required is through fiber optic cable.
- 3.1.3 In order to support the services, TIME dot Com require an access to the propose MDF room and Server room in order to provide services to the end user.
- 3.1.4 To be able to deliver these services to your building, we will pull our own fiber optic cables from our nearest hub and place our passive access equipment into building server room. (Optional in this proposal)
- 3.1.5 With this setup we will have TIME dot Com connection right up to each block of the building.

### 3.2 External and Internal Trenching

- 3.2.1 The propose route will start from the existing TdC Mh to Building Mh using new ducting. The propose route then continue to MDF Room/SDF Room/Server Room using existing route.
- 3.2.2 TdC will utilize minimum of 1x100mm existing building access ducting to building retaining wall and existing cable tray to common Server room.
- 3.2.3 The permission to trench inside local authority jurisdiction to be applied separately if necessary.
- 3.2.4 This proposal is based on assumption that there is fiber cable to be connected in the existing TIME manhole.

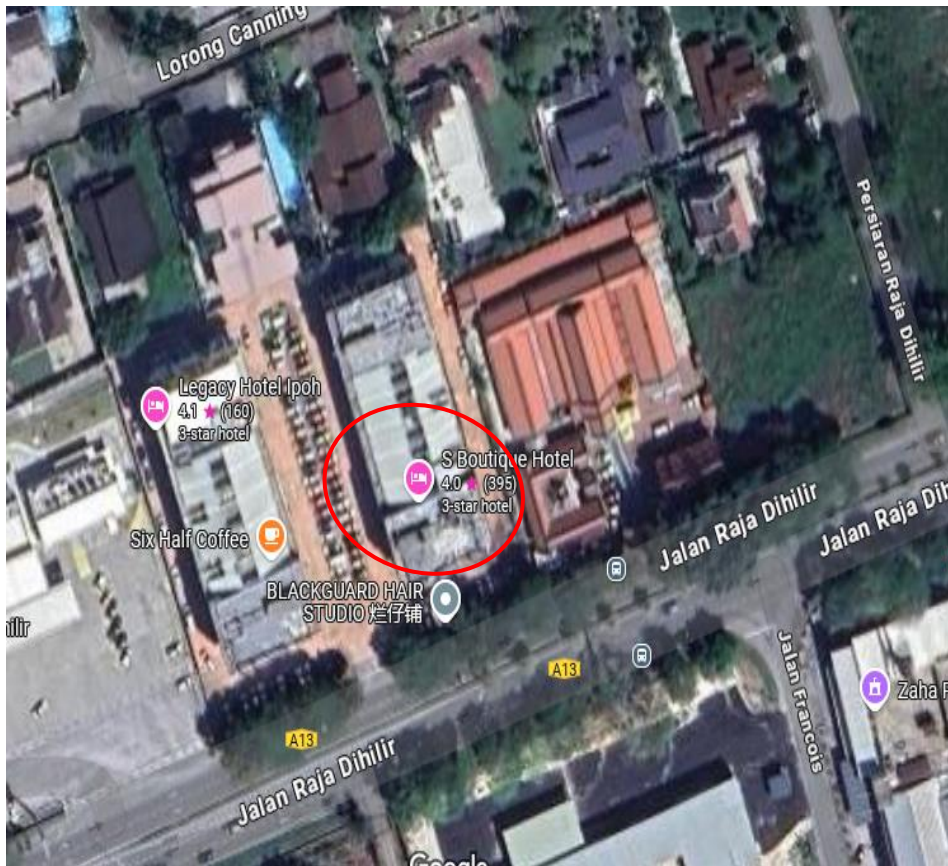
### 3.3 Equipment Foot Space & Weight

3.3.1 Below is the TIME dot com' standard requirement that will be installed at common MDF Room/SDF Room/Server Room.

Description	Remarks
1x FTP 12C (Rack Mount)	Level 3

1.3.2 However depending on the network requirement, Time dot Com may or may not add additional network equipment(s) in the MDF room or the vertical riser as it may apply.

3.4 Location Map



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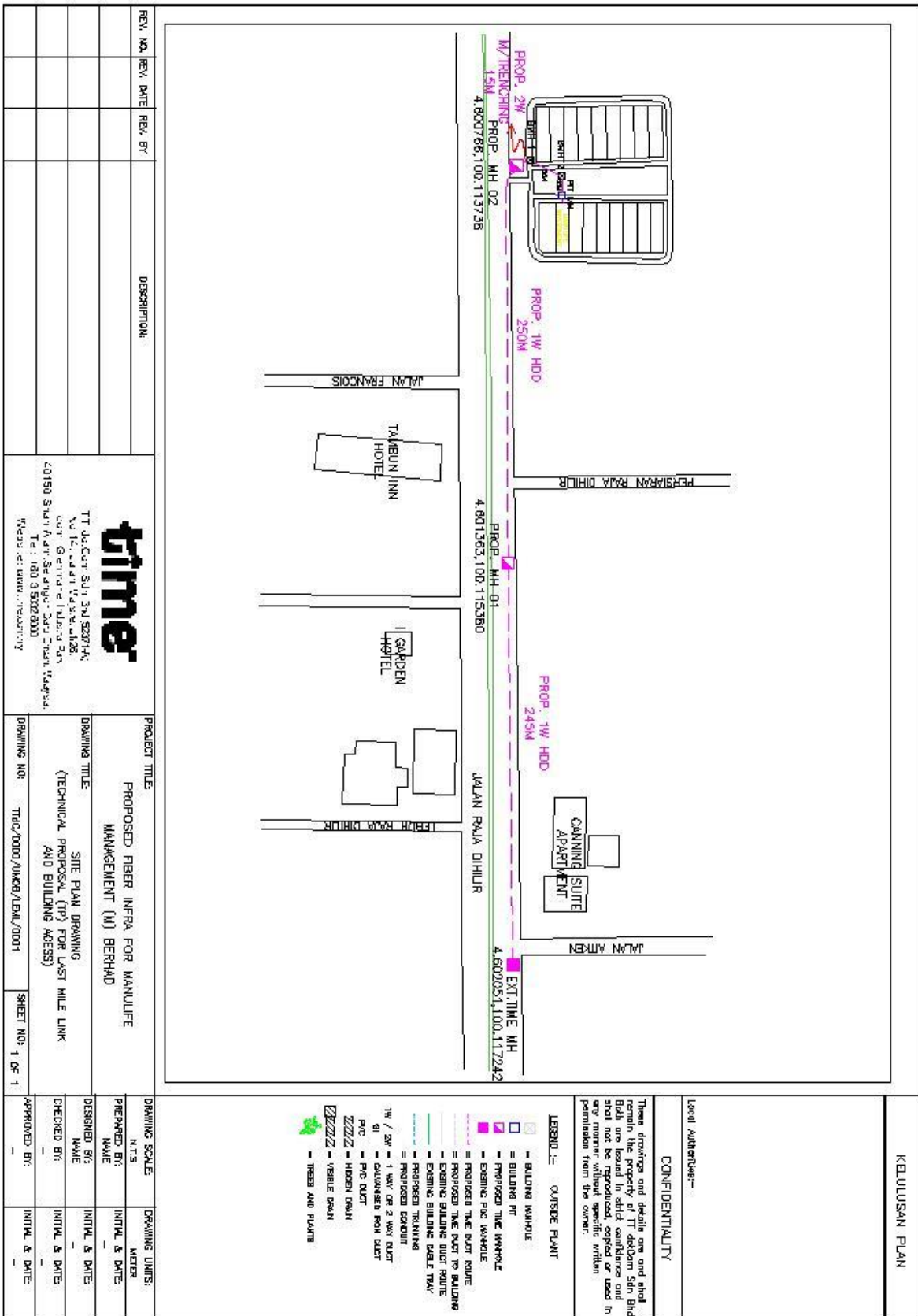
(4.601114, 100.113967)

## 4.0 APPENDIX

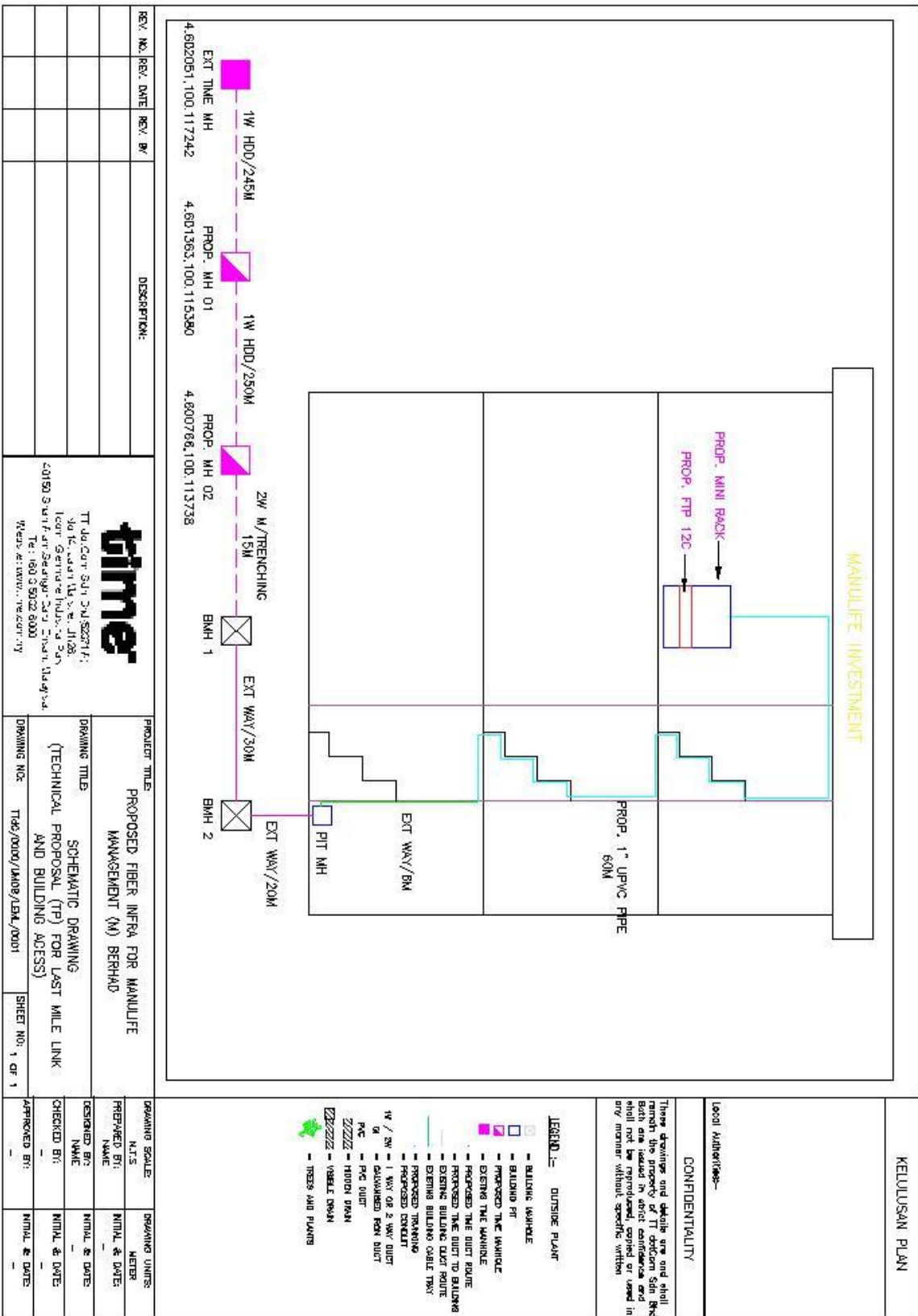
### 4.1 Product Portfolio

TIME DOT COM CONNECTIONS FOR COMMERCIAL	
<b>Private Data Network</b>	<p>Our Virtual Private Network (VPN) is designed to deliver you an efficient, secured and reliable service. We provide point-to-point technology that directly connects you to your clients and employees. We ensure complete privacy and security, while at the same time, maximizing your speed and bandwidth;</p> <ul style="list-style-type: none"> <li>⇒ Channelized Leased Circuit</li> <li>⇒ Ethernet Leased Circuit</li> <li>⇒ International Private Leased</li> <li>⇒ Circuit (IPLC)</li> <li>⇒ Metro LAN</li> <li>⇒ International Ethernet Private Leased Circuit (IEPLC)</li> </ul>
<b>Internet</b>	<p>TIME Internet services allow you to connect to the world speedily with high scalability, reliability and security. Choose the best solution that suits your need and TIME will take care of the rest;</p> <ul style="list-style-type: none"> <li>⇒ Channelized Direct</li> <li>⇒ Ethernet Direct</li> <li>⇒ Business Broadband</li> <li>⇒ Satellite Broadband</li> <li>⇒ Home Broadband</li> </ul>
<b>Voice</b>	<p>We've got a wide range of services from basic phone line with crystal clear voice quality to our account based postpaid Virtual Call service. We also provide local and International toll free services, and even business or individual calling cards. With TIME, it's so easy to stay in touch;</p> <ul style="list-style-type: none"> <li>⇒ Business Voice Line</li> <li>⇒ ISDN PRI</li> <li>⇒ International Toll Free</li> <li>⇒ Toll Free 1300</li> <li>⇒ Toll Free 1800</li> <li>⇒ Audio Conferencing</li> <li>⇒ Home Fixed Line</li> </ul>
<b>Managed Services</b>	<p>TIME Managed Services deliver end-to-end networking solutions. Focus on your productivity while we provide you with support possible to take your business to the next level;</p> <ul style="list-style-type: none"> <li>⇒ IPVPN</li> <li>⇒ SAN Extension</li> </ul>
<b>Wholesale Service</b>	<p>We are able to offer you unmatched capacity and network resiliency. We aim to ensure seamless connectivity and high availability, thus maximizing your operational capabilities;</p> <ul style="list-style-type: none"> <li>⇒ Wholesale bandwidth</li> <li>⇒ Wholesale Voice (Transit Premium, Transit CLR)</li> <li>⇒ Cross Peninsular Cable System (CPCS)</li> </ul>

4.2 Drawing  
4.2.1 Drawing – Site Plan



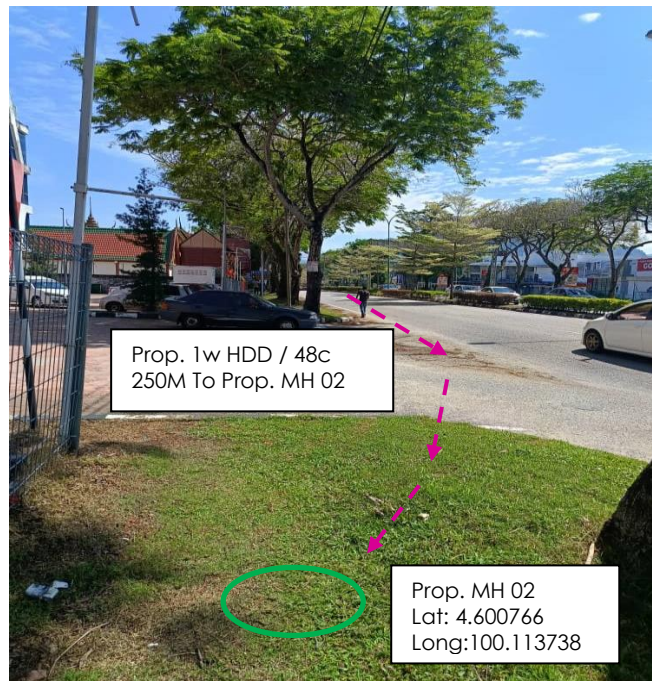
4.2.2 Drawing - Schematic

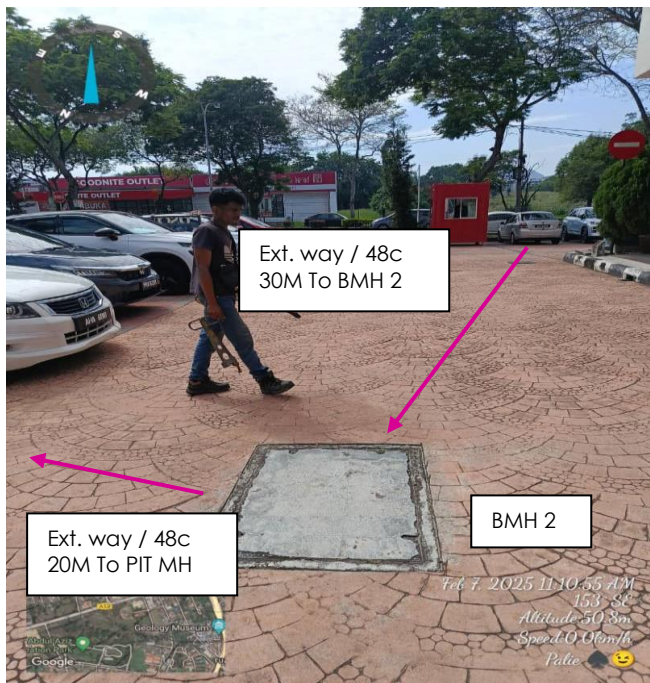


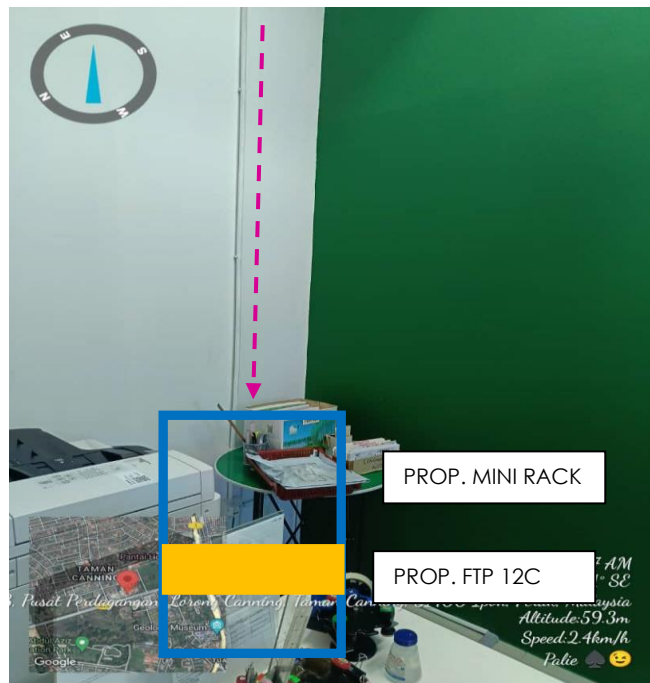
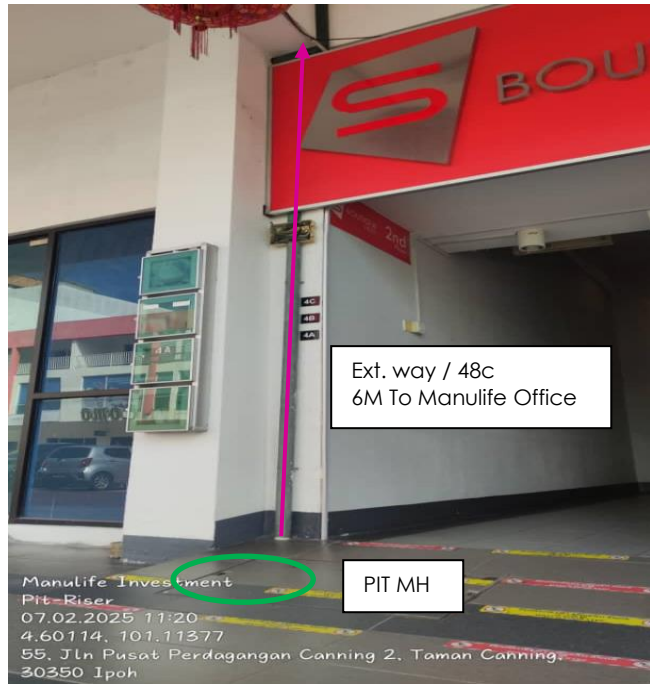
4.3 Site Photos

4.3.1 Outside Plant Photos









SURVEY ACKNOWLEDGEMENT FORM

Building / Customer Name:

Site Address:

It is hereby to confirm that the contactor, .....  
Has visited the above site and has done the survey accordingly.

Thank you.

Surveyed by;

Confirmed by;

.....  
Name :  
Surveyor

.....  
Name :  
Building Manager/Reps.  
Chop: