

Template – Technical Proposal for TM Landed Project (Rev 0)

Revision Record

Revision No.	Description Of Change	Author	Effective Date
0	N/A	1. Azhan Haris	December 2024

Technical Proposal for TM Project



Project Description:	SRR FTTH TP_C006_TAMAN KAMUNTING PUTRA
Project Number:	TMNA/261606
TM Node	TP_C006
Region	Northern
NE ID	TP
Total FTTH Ports	208
Total Property	353
PF (%)	59%
RFSI Date	31 AUGUST 2026
GPS Coordinate	4.900103,100.744115

Prepared by:	YUSFAZRIN
Company Name:	SINOR
Date:	27/7/2026
TP Revision:	0

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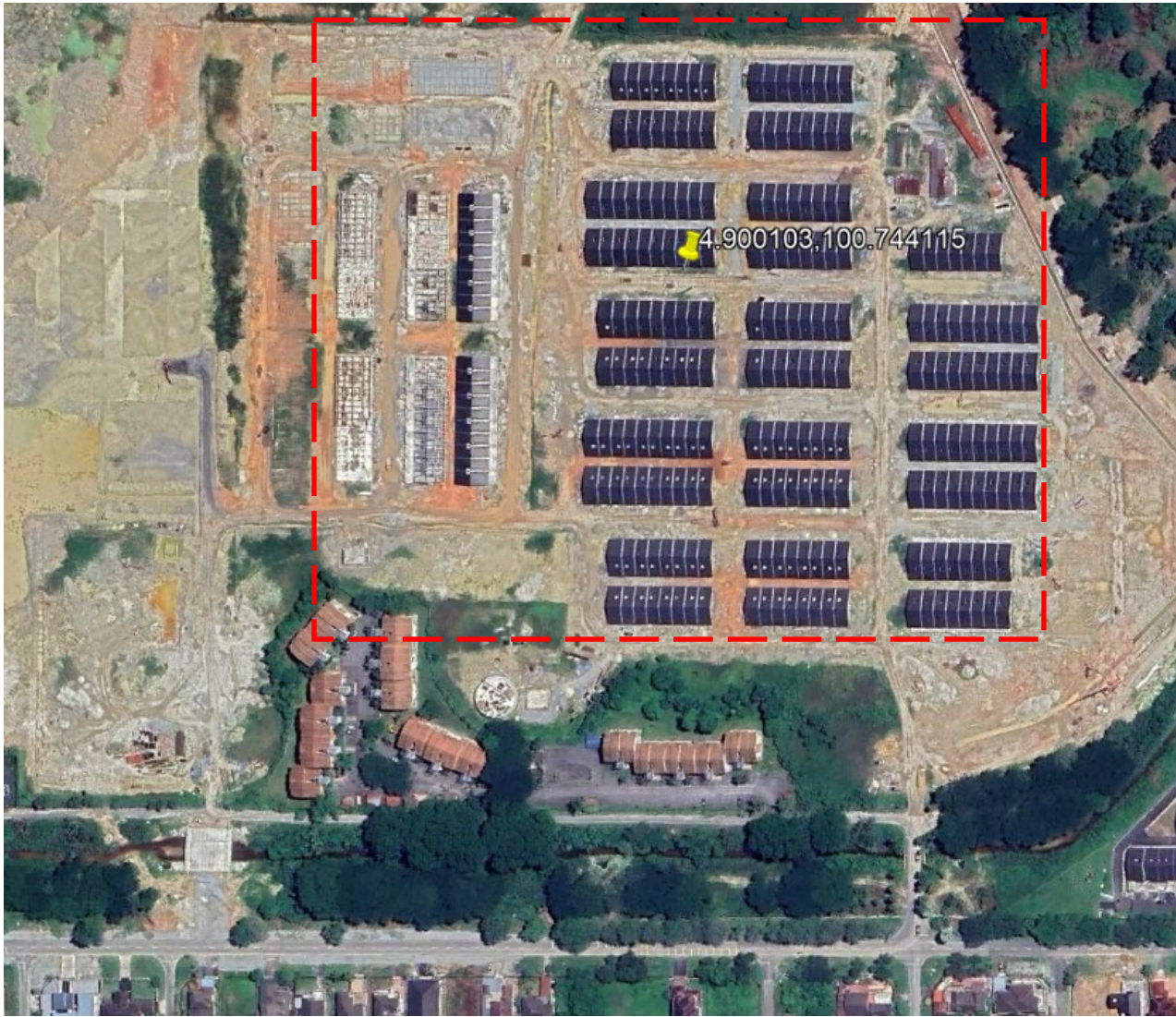
- 5.1 Project BOQ
- 5.2 Costing

MATRIX REQUIREMENT FOR PROJECT

NO	Item	Detail Item	Remark	TP Check list					
				FTTH >1 DP	FTTH 1 FDP	Add DP / Tie DP	NID/5G	Civil	Main FOC
1	Cabinet location	Boundary	Polygon on Map showing area covered by FDC	C	C	NR	NR	NR	NR
		Detail Illustration	Illustration showing FDP location on picture, table with detail address, latlong	C	C	C	C	NR	NR
2	Cable Plan	On Map	Cable Plan, ID, Distance, Route, Distance, Joint Location illustration on map	C	C	C	C	NR	C
		SLD	Cable Plan	C	NR	NR	NR	NR	NR
3	FDP	Detail FDP/Tie DP	Table with FDP & Tie DP Detail	C	C	C	NR	NR	NR
		FDP, Tie DP Boundary	Polygon on Map for landed or Building image for Highrise showing area covered by each FDP	C	C	C	NR	NR	NR
4	Pole	Plan	Location and quantity on Map	C	C	C	C	C	C
		Illustration	Illustration showing Pole location on picture, table with detail pole type, latlong	C	C	C	C	C	C
5	Civil	Plan	Location and quantity on Map	C	C	C	C	C	C
		Illustration	Illustration showing civil location on picture, table with detail address, latlong	C	C	C	C	C	C
		Civil Manhole Detail	Table with Manhole Detail	C	C	C	C	C	C
6	BOQ & BOM	Detail BOQ	Detail PU item related to project. Show – PU number, quantity and costDetail	C	C	C	C	C	C
		Detail BOM*	Material related to project	C	C	C	C	C	C
7	Costing		Overall cost	C	C	C	C	C	C

*CNC Lite only

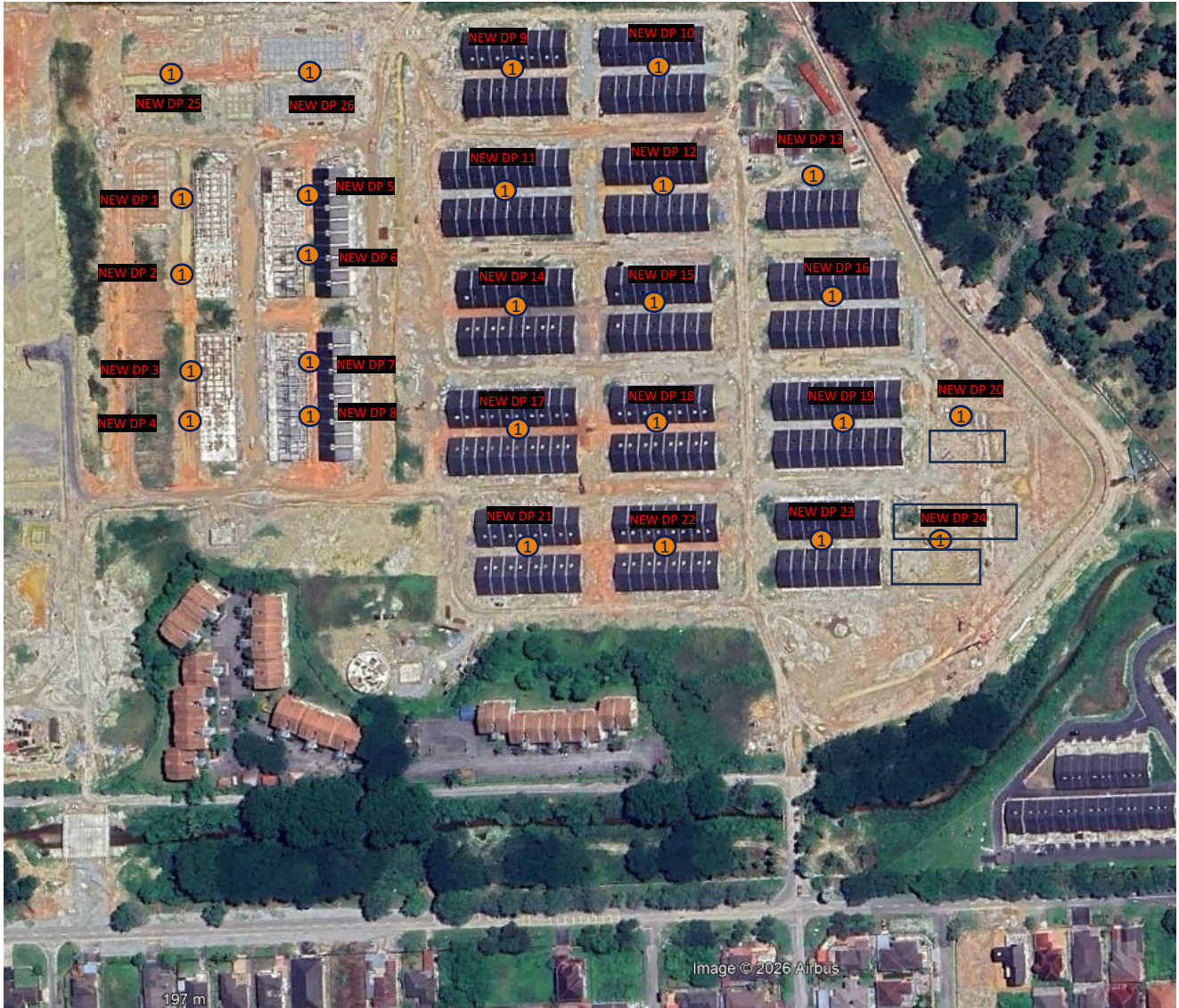
1.1 Location Plan & Boundary



Legend:

 FDC	 EXT. JOINT	 MANHOLE/PIT	 EXT. CONCRETE POLE	 FOC 12C IB	 FOC 48C IB
 FDP	 NEW JOINT	 NEW CONCRETE POLE	 EXT. IRON POLE	 FOC 24C IB	

2.1 FDP and Location Plan

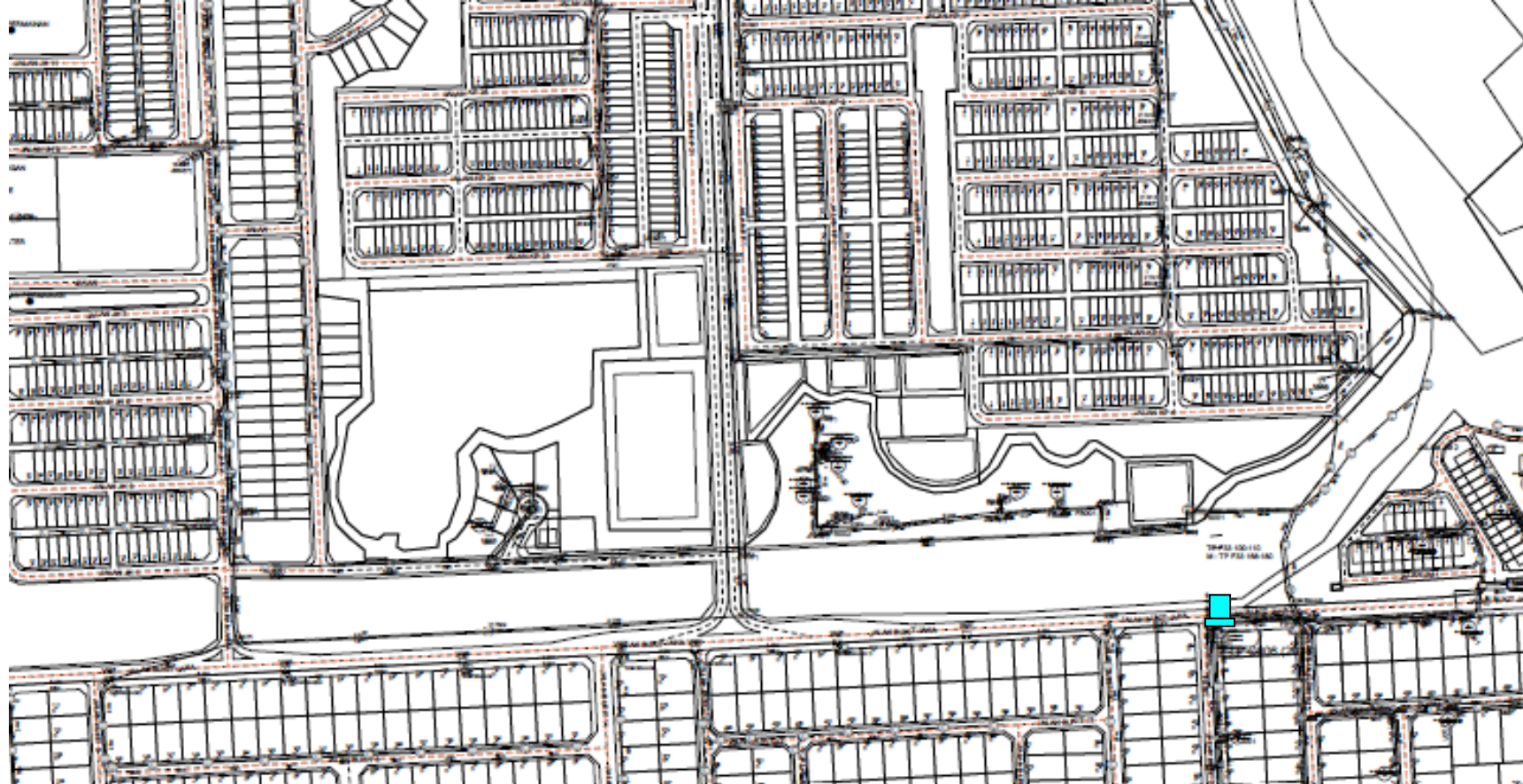


Legend:

 FDC	 EXT. JOINT	 MANHOLE/PIT	 EXT. CONCRETE POLE	 FOC 12C IB	 FOC 48C IB
 FDP	 NEW JOINT	 NEW CONCRETE POLE	 EXT. IRON POLE	 FOC 24C IB	

2.1

FDC and Location Plan



Legend:



FDC



FDP

EXT. JOINT

NEW JOINT

MANHOLE/PIT

NEW CONCRETE POLE

EXT. CONCRETE POLE

EXT. IRON POLE

FOC 12C IB

FOC 24C IB

FOC 48C IB

2.2

FDP Boundary

FDP NO.	FDP LOCATION	FDP COVERAGE
DP00XX	BELAKANG SHOPLOT NO 42 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	SHOPLOT NO. 38,40,42,44,46,48 NO RUMAH 29,31,33,35,37,39 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG SHOPLOT NO 30 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	SHOPLOT NO. 26,28,32,34,36, NO RUMAH 21,23,25,27 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG SHOPLOT NO 18 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	SHOPLOT NO. 24,22,20,16,14 NO RUMAH 19,17,15,13,11,9 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG SHOPLOT NO 6 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	SHOPLOT NO. 24,22,20,16,14 NO RUMAH 19,17,15,13,11,9 JALAN PK 1, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 36 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 40,38,34,32,39,37,35,33,31 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 26 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 30,28,24,22,29,27,25,23,21 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 16 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 20,18,14,12,19,17,15,13,11 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK

2.2

FDP Boundary

FDP NO.	FDP LOCATION	FDP COVERAGE
DP00XX	BELAKANG RUMAH NO 6 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 10,8,4,2,9,7,5,3,1 JALAN PK 2, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 9 JALAN PK 8, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 1,3,5,7,9,11,13,15,34,36,38,40,42,44,46,48 JALAN PK 8, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 23 JALAN PK 8, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 17,19,21,25,27,29,31,50,52,54,56,58,60,62, 64 JALAN PK 8, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 11 JALAN PK 7, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 1,2,3,4,5,6,7,8,9,10,12,13,14,15,16,17,18,19 ,20 JALAN PK 7, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 29 JALAN PK 7, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 24,25,26,27,28,30,31,32,33,34,35,36 JALAN PK 7 TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 43 JALAN PK 7, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 37,39,41,45,47,49 JALAN PK 7, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 9 JALAN PK 6, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 1,2,3,4,5,6,7,8,10,11,12,13,14,15,16,17,18 JALAN PK 6, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK

2.2

FDP Boundary

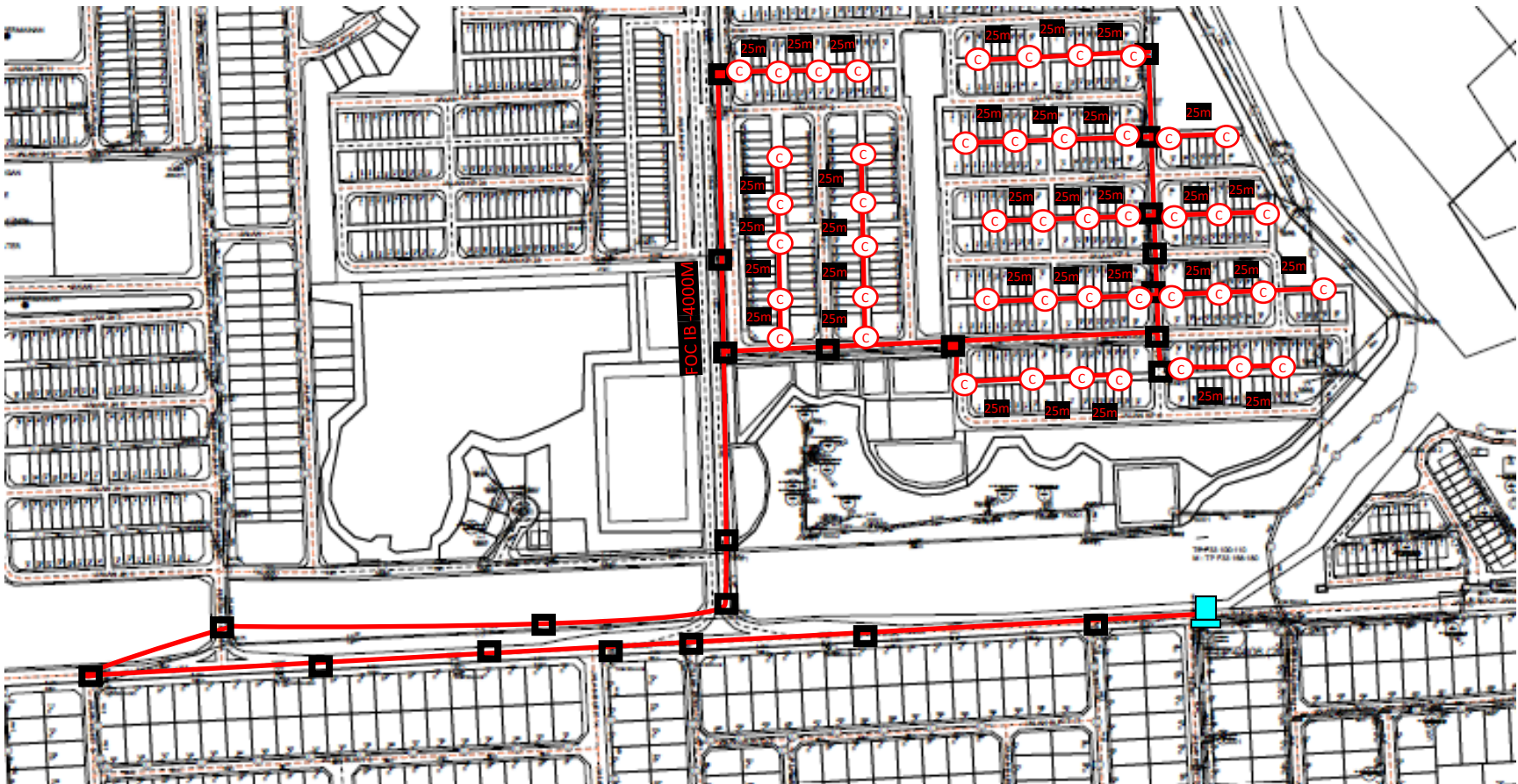
FDP NO.	FDP LOCATION	FDP COVERAGE
DP00XX	BELAKANG RUMAH NO 25 JALAN PK 6, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 19,20,21,22,23,24,26,27,28,29,30,31,32,33 ,34 JALAN PK 6, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 43 JALAN PK 6, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 35,36,37,38,39,40,41,42,44,45,46,47,48,49 ,50,51,52,53,54 JALAN PK 6, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 9 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 1,2,3,4,5,6,7,8,10,12,13,14,15,16,17,18,19, 20 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 27 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 21,22,23,24,25,26,28,29,30,31,32,33,34,35 ,36 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 45 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 37,38,39,40,41,42,44,46,47,48,49,50,51,52 ,53,54,55,56 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 61 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 57,59,63,65 JALAN PK 5, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK

2.2

FDP Boundary

FDP NO.	FDP LOCATION	FDP COVERAGE
DP00XX	BELAKANG RUMAH NO 7 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 1,2,3,4,5,6,8,9,10,11,12,13,14,15,16 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 23 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 17,18,19,20,21,22,24,25,26,27,28,29,30,31, 32 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 39 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 33,34,35,36,37,38,39,40,41,42,43,44,45,46 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 55 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 47,48,49,50,51,52,53,54,56,57,58,59,60,61, 62,63,64,65,66 JALAN PK 4, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 7 JALAN PK 9, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 1,2,3,4,5,6,8,9,10,12,13,14,15,16 JALAN PK 9, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK
DP00XX	BELAKANG RUMAH NO 23 JALAN PK 9, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK	RUMAH NO. 17,18,19,20,21,22,24,25,26,27,28,29,30,31, 32 JALAN PK 9, TAMAN KEMUNTING PUTRA 34600 KAMUNTING, PERAK

2.3 Cable Plan



Legend:

 FDC	 EXT. JOINT	 MANHOLE/PIT	 EXT. CONCRETE POLE	 FOC 12C IB	 FOC 48C IB
 FDP	 NEW JOINT	 NEW CONCRETE POLE	 EXT. IRON POLE	 FOC 24C IB	

3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
1	1	Concrete Pole 7.5m	4.8991027, 100.7427584
2	2	Concrete Pole 7.5m	4.8994428, 100.7428008
3	3	Concrete Pole 7.5m	4.8996128, 100.7428168
4	4	Concrete Pole 7.5m	4.8998470, 100.7427682
5	5	Concrete Pole 7.5m	4.9000855, 100.7427742
6	6	Concrete Pole 7.5m	4.8991291, 100.7431268
7	7	Concrete Pole 7.5m	4.8993839, 100.7431055
8	8	Concrete Pole 7.5m	4.8996018, 100.7430999
9	9	Concrete Pole 7.5m	4.8998832, 100.7430786
10	10	Concrete Pole 7.5m	4.9000590, 100.7430995
11	11	Concrete Pole 7.5m	4.9008114, 100.7437718
12	12	Concrete Pole 7.5m	4.9008241, 100.7440264
13	13	Concrete Pole 7.5m	4.9008364, 100.7443953
14	14	Concrete Pole 7.5m	4.9008544, 100.7445725
15	15	Concrete Pole 7.5m	4.9002913, 100.7436700
16	16	Concrete Pole 7.5m	4.9003097, 100.7438989
17	17	Concrete Pole 7.5m	4.9003159, 100.7441844
18	18	Concrete Pole 7.5m	4.9003095, 100.7444064

3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
19	19	Concrete Pole 7.5m	4.9003415, 100.7449598
20	20	Concrete Pole 7.5m	4.9003789, 100.7453129
21	21	Concrete Pole 7.5m	4.8998359, 100.7448421
22	22	Concrete Pole 7.5m	4.8998105, 100.7446399
23	23	Concrete Pole 7.5m	4.8997850, 100.7442539
24	24	Concrete Pole 7.5m	4.8997851, 100.7439621
25	25	Concrete Pole 7.5m	4.8998168, 100.7450201
26	26	Concrete Pole 7.5m	4.8995900, 100.7454115
27	27	Concrete Pole 7.5m	4.8995835, 100.7458235
28	28	Concrete Pole 7.5m	4.8992999, 100.7448292
29	29	Concrete Pole 7.5m	4.8992744, 100.7446331
30	30	Concrete Pole 7.5m	4.8992925, 100.7442283
31	31	Concrete Pole 7.5m	4.8992732, 100.7439622
32	32	Concrete Pole 7.5m	4.8992994, 100.7451464
33	33	Concrete Pole 7.5m	4.8993127, 100.7454047
34	34	Concrete Pole 7.5m	4.8993123, 100.7456969
35	35	Concrete Pole 7.5m	4.8993312, 100.7458995
36	36	Concrete Pole 7.5m	4.8987242, 100.7438861

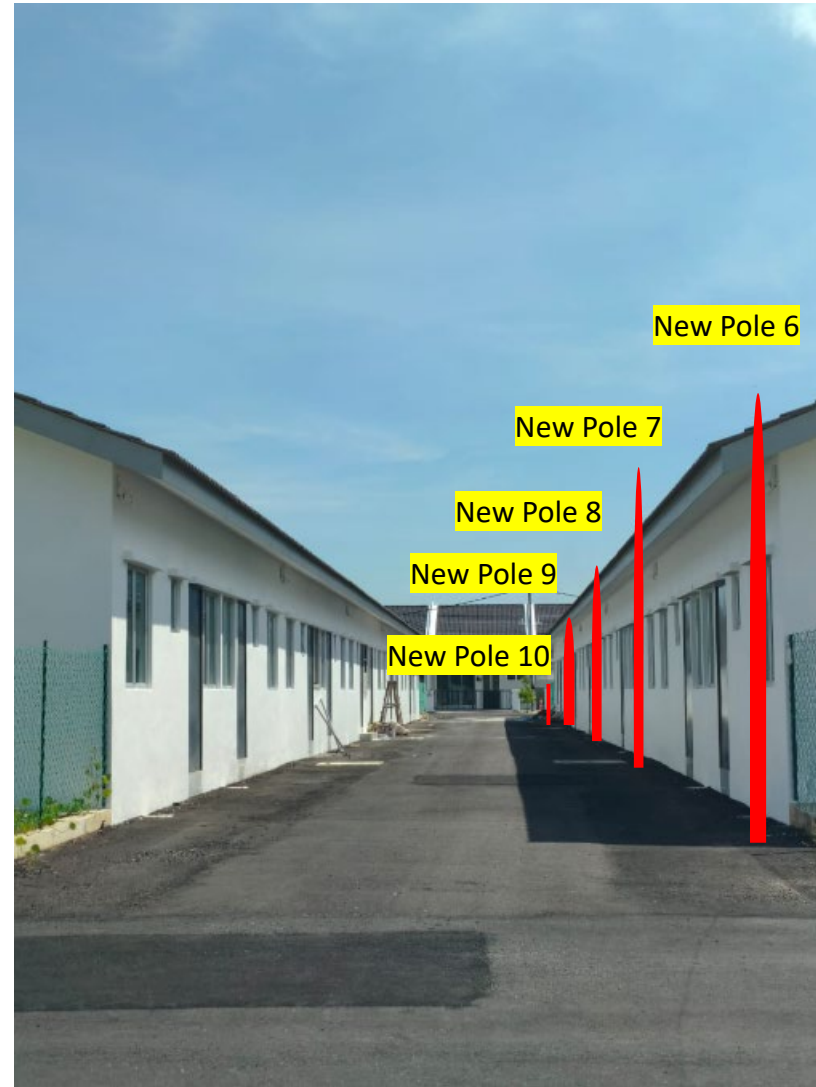
3.2

New Pole details

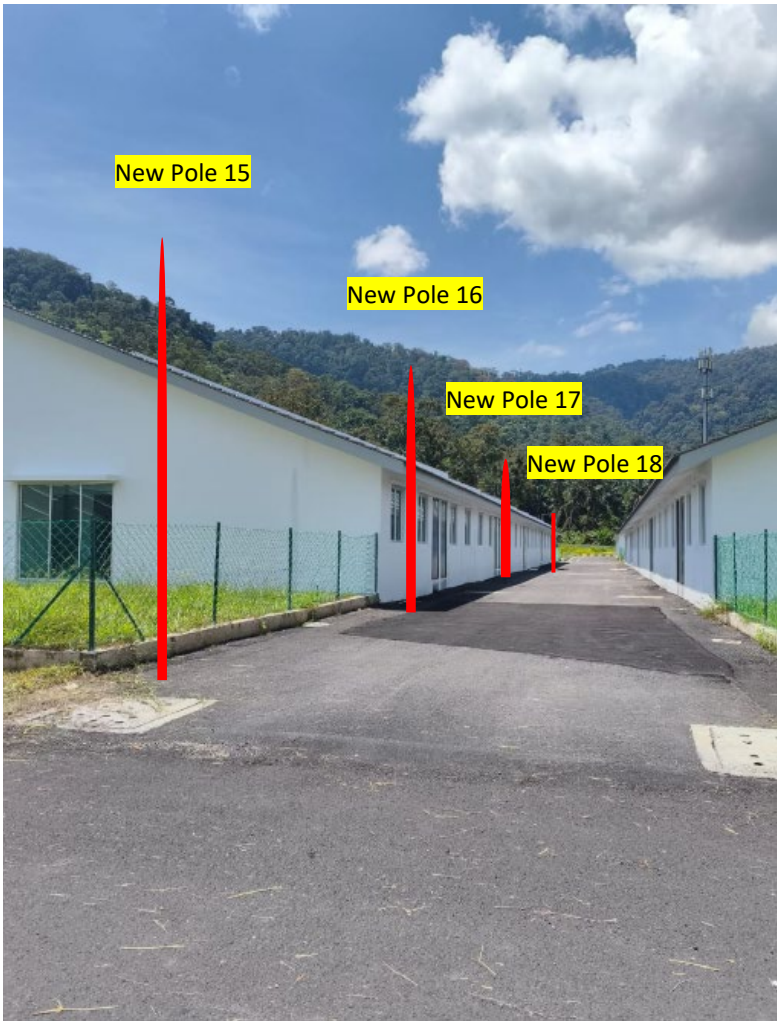
No	POLE ID	Pole Type	GPS Coordinate
37	37	Concrete Pole 7.5m	4.8987640, 100.7441011
38	38	Concrete Pole 7.5m	4.8987528, 100.7446382
39	39	Concrete Pole 7.5m	4.8987915, 100.7448840
40	40	Concrete Pole 7.5m	4.8987598, 100.7451812
41	41	Concrete Pole 7.5m	4.8987909, 100.7453902
42	42	Concrete Pole 7.5m	4.8987714, 100.7456818
43	43	Concrete Pole 7.5m	4.9007738, 100.7422430
45	45	Concrete Pole 7.5m	4.9008173, 100.7425249
46	46	Concrete Pole 7.5m	4.9008167, 100.7428692
47	47	Concrete Pole 7.5m	4.9008098, 100.7430922

3.3

New Pole Illustration



3.3 New Pole Illustration



3.3 New Pole Illustration



3.3 New Pole Illustration



3.3 New Pole Illustration



3.3 New Pole Illustration



5.1 Fiber/Civil Accessories

FDP



Supplier : Fiberhome
Model/Spec :

FOC Cable



Supplier : Fiberhome
Model/Spec :

5.1 Fiber/Civil Accessories

POLE 7.5/9M



Supplier : PMW
Model/Spec :

END OF TECHNICAL PROPOSAL