

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:	KPM SCHOOLNET FTTH LGN_CXXX (ABA7013)- SEKOLAH KEBANGSAAN CHEPOR
Project Number:	TMNA/260155
TM Node	LGN
Region	Northern
NE ID	LGN_C016
Total FTTH Ports	8
Total Property	8
PF (%)	100%
RFSI Date	31 MAY 2026
GPS Coordinate	5.086778, 100.999704

Prepared by:	AZHAN
Company Name:	SINOR TECHNOLOGY SDN BHD
Date:	27/4/2026
TP Revision:	0

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MATRIX REQUIREMENT FOR PROJECT

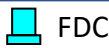
NO	Item	Detail Item	Remark	TP Check list					
				FTTH >1 DP	FTTH 1 FDP	Add DP / Tie DP	NID/5G	Civil	Main FOC
1	Cabinet location	Boundary	Polygon on Map showing area covered by FDC	C	C	NR	NR	NR	NR
		Detail Illustration	Illustration showing FDP location on picture, table with detail address, latlong	C	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



FDP



EXT. JOINT



NEW JOINT



MANHOLE/PIT



NEW CONCRETE POLE



EXT. CONCRETE POLE



EXT. IRON POLE



FOC 12C IB



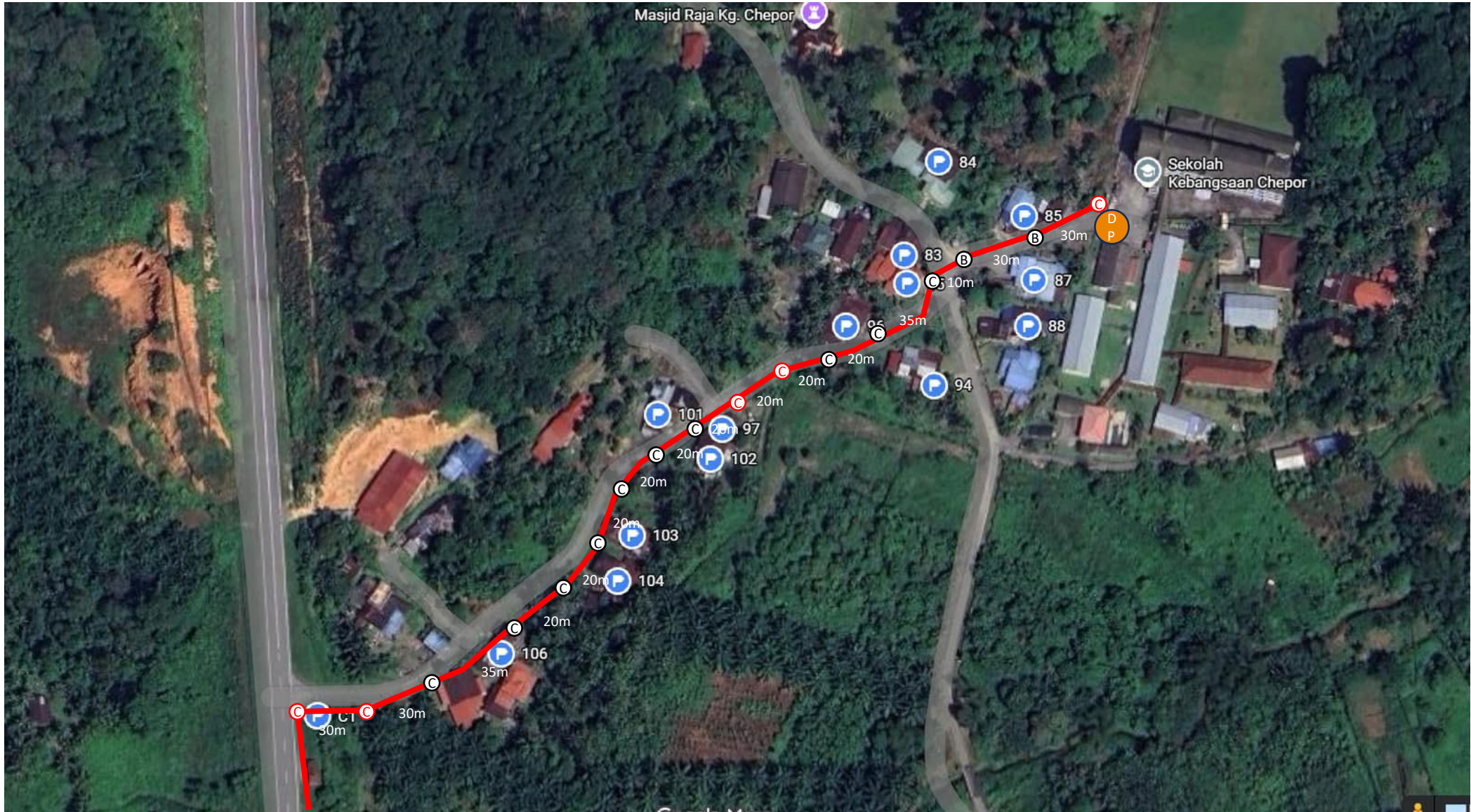
FOC 24C IB



FOC 48C IB

2.1

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 FDP 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

2.1 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 FDP 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

2.1 FDP 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

2.1 FDP 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

2.1 FDP and Location Plan



Legend:



FDC



FDP



EXT. JOINT



NEW JOINT



MANHOLE/PIT



NEW CONCRETE POLE



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EXT. IRON POLE

FOC 12C IB

FOC 24C IB

FOC 48C IB

2.1 FDP and Location Plan



Legend:



FDC



FDP



EXT. JOINT



NEW JOINT



MANHOLE/PIT



NEW CONCRETE POLE



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EXT. IRON POLE

FOC 12C IB

FOC 24C IB

FOC 48C IB

2.1 FDP and Location Plan



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FDC



FDP



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FOC 24C IB



FOC 48C IB

2.1 FDP and Location Plan



Legend:



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FOC 24C IB

FOC 48C IB

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FOC 24C IB



FOC 48C IB

2.1 FDP and Location Plan



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FDC



FDP



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MANHOLE/PIT



NEW CONCRETE POLE



EXT. CONCRETE POLE



EXT. IRON POLE



FOC 12C IB



FOC 24C IB



FOC 48C IB

2.1 FDP and Location Plan



Legend:



FDC



FDP



EXT. JOINT



NEW JOINT



MANHOLE/PIT



NEW CONCRETE POLE



EXT. CONCRETE POLE



EXT. IRON POLE



FOC 12C IB

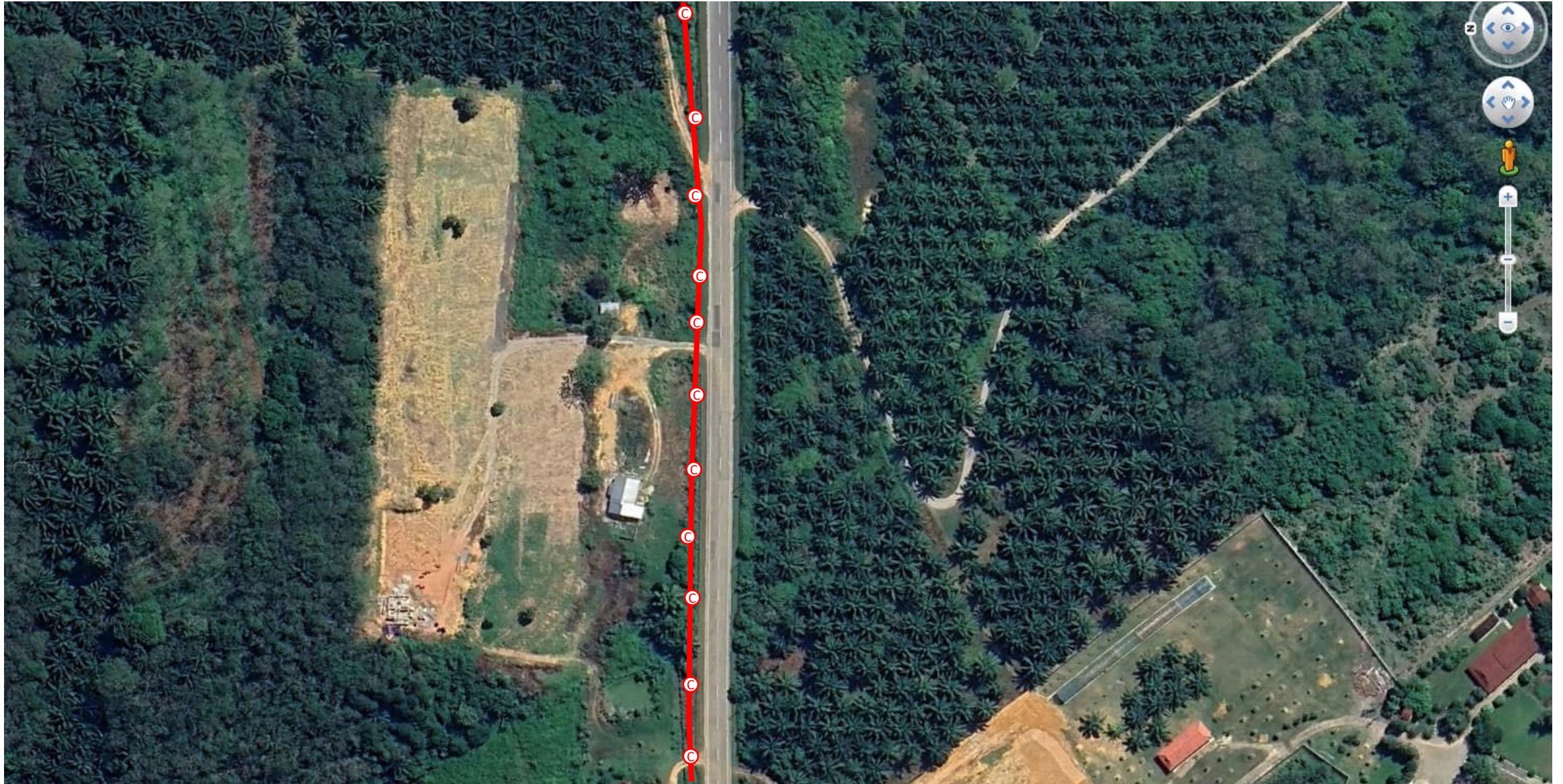


FOC 24C IB



FOC 48C IB

2.1 FDP and Location Plan



Legend:



FDC



FDP



EXT. JOINT



NEW JOINT



MANHOLE/PIT



NEW CONCRETE POLE



EXT. CONCRETE POLE



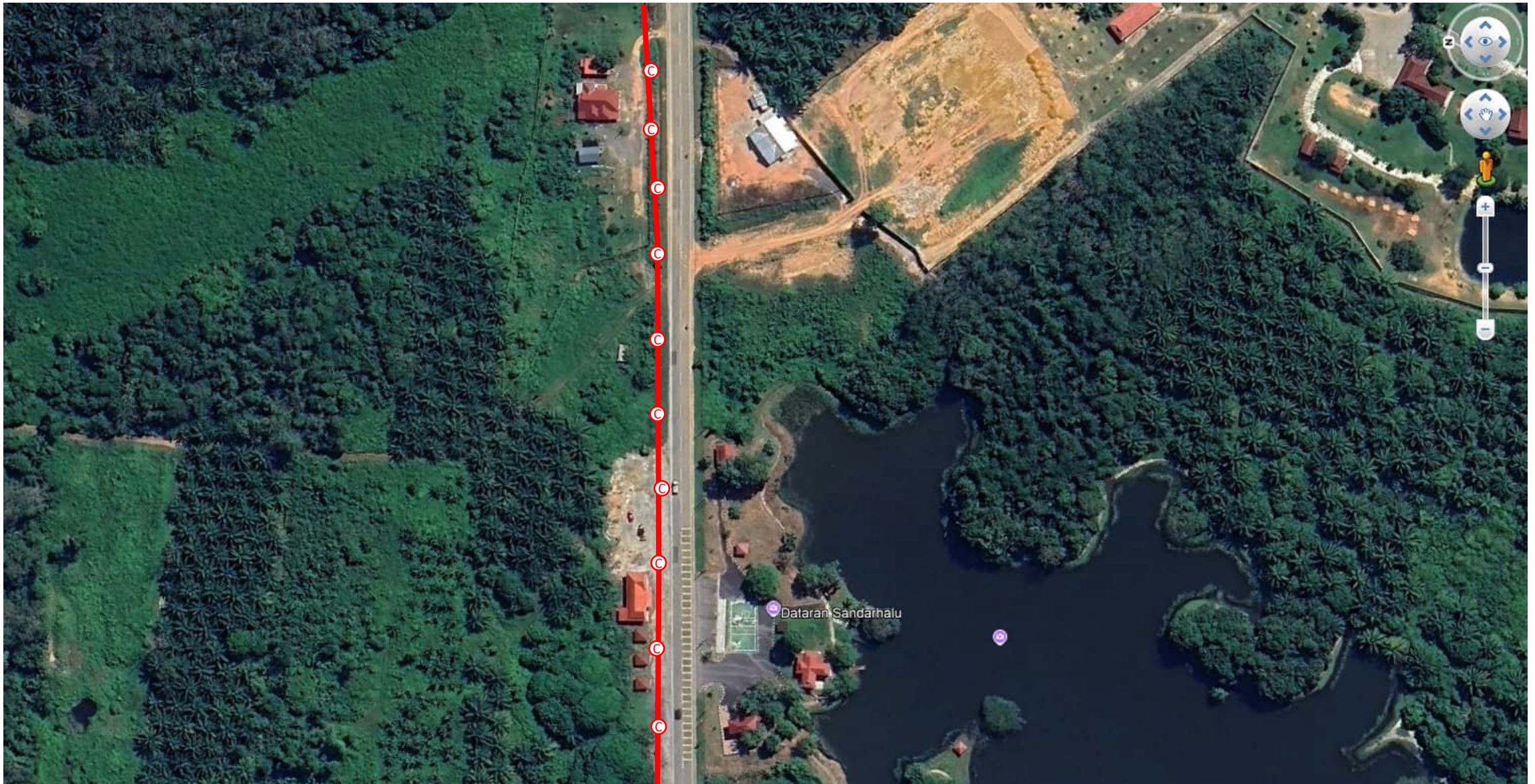
EXT. IRON POLE

FOC 12C IB

FOC 24C IB

FOC 48C IB

2.1 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

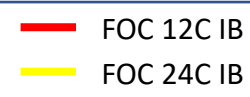
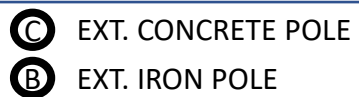
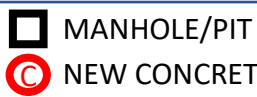
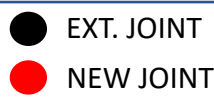


FOC 24C IB

2.1 FDP and Location Plan



Legend:



2.2

FDP Boundary

FDP NO.	FDP LOCATION	FDP COVERAGE
DP00XX	Hadapan Sekolah Kebangsaan Chepor, Kampung Chepor, 33400 Lenggong, Perak	Sekolah Kebangsaan Chepor, Kampung Chepor, 33400 Lenggong, Perak
		Rumah no. 83,84,85,86,87,88,9,97,101,103,104,105, 106, Kampung Chepor, 33400 Lenggong, Perak

3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
1	1	Concrete Pole 7.5m	5.059160, 100.979885
2	2	Concrete Pole 7.5m	5.059147, 100.980139
3	3	Concrete Pole 7.5m	5.059151, 100.980423
4	4	Concrete Pole 7.5m	5.059139, 100.980691
5	5	Concrete Pole 7.5m	5.059134, 100.980962
6	6	Concrete Pole 7.5m	5.059126, 100.981290
7	7	Concrete Pole 7.5m	5.059139, 100.981549
8	8	Concrete Pole 7.5m	5.059126, 100.981857
9	9	Concrete Pole 7.5m	5.059138, 100.982113
10	10	Concrete Pole 7.5m	5.059135, 100.982365
11	11	Concrete Pole 7.5m	5.059134, 100.982709
12	12	Concrete Pole 7.5m	5.059125, 100.983008
13	13	Concrete Pole 7.5m	5.059131, 100.983337
14	14	Concrete Pole 7.5m	5.059118, 100.983654
15	15	Concrete Pole 7.5m	5.059107, 100.983881
16	16	Concrete Pole 7.5m	5.059122, 100.984152
17	17	Concrete Pole 7.5m	5.059115, 100.984374
18	18	Concrete Pole 7.5m	5.059113, 100.984615

No	POLE ID	Pole Type	GPS Coordinate
19	19	Concrete Pole 7.5m	5.059112, 100.984895
20	20	Concrete Pole 7.5m	5.059109, 100.985136
21	21	Concrete Pole 7.5m	5.059106, 100.985384
22	22	Concrete Pole 7.5m	5.059101, 100.985623
23	23	Concrete Pole 7.5m	5.059095, 100.985849
24	24	Concrete Pole 7.5m	5.059088, 100.986088
25	25	Concrete Pole 7.5m	5.059101, 100.986325
26	26	Concrete Pole 7.5m	5.059105, 100.986614
27	27	Concrete Pole 7.5m	5.059083, 100.986858
28	28	Concrete Pole 7.5m	5.059073, 100.987092
29	29	Concrete Pole 7.5m	5.059082, 100.987328
30	30	Concrete Pole 7.5m	5.059079, 100.987601
31	31	Concrete Pole 7.5m	5.059066, 100.987849
32	32	Concrete Pole 7.5m	5.059076, 100.988061
33	33	Concrete Pole 7.5m	5.059069, 100.988322
34	34	Concrete Pole 7.5m	5.059065, 100.988566
35	35	Concrete Pole 7.5m	5.059061, 100.988804
36	36	Concrete Pole 7.5m	5.059030, 100.989064
37	37	Concrete Pole 7.5m	5.059014, 100.989320
38	38	Concrete Pole 7.5m	5.058987, 100.989563

No	POLE ID	Pole Type	GPS Coordinate
39	39	Concrete Pole 7.5m	5.058951, 100.989807
40	40	Concrete Pole 7.5m	5.058910, 100.990053
41	41	Concrete Pole 7.5m	5.058854, 100.990283
42	42	Concrete Pole 7.5m	5.058802, 100.990542
43	43	Concrete Pole 7.5m	5.058770, 100.990765
44	44	Concrete Pole 7.5m	5.058732, 100.991010
45	45	Concrete Pole 7.5m	5.058662, 100.991254
46	46	Concrete Pole 7.5m	5.058623, 100.991495
47	47	Concrete Pole 7.5m	5.058582, 100.991741
48	48	Concrete Pole 7.5m	5.058532, 100.991983
49	49	Concrete Pole 7.5m	5.058472, 100.992240
50	50	Concrete Pole 7.5m	5.058437, 100.992451
51	51	Concrete Pole 7.5m	5.058384, 100.992696
52	52	Concrete Pole 7.5m	5.058353, 100.992904
53	53	Concrete Pole 7.5m	5.058297, 100.993151
54	54	Concrete Pole 7.5m	5.058236, 100.993396
55	55	Concrete Pole 7.5m	5.058161, 100.993643
56	56	Concrete Pole 7.5m	5.058090, 100.993865
57	57	Concrete Pole 7.5m	5.058017, 100.994096
58	58	Concrete Pole 7.5m	5.057941, 100.994354

No	POLE ID	Pole Type	GPS Coordinate
59	59	Concrete Pole 7.5m	5.057889, 100.994573
60	60	Concrete Pole 7.5m	5.057839, 100.994818
61	61	Concrete Pole 7.5m	5.057796, 100.995060
62	62	Concrete Pole 7.5m	5.057760, 100.995303
63	63	Concrete Pole 7.5m	5.057722, 100.995539
64	64	Concrete Pole 7.5m	5.057707, 100.995703
65	65	Concrete Pole 7.5m	5.057718, 100.995867
66	66	Concrete Pole 7.5m	5.057793, 100.995981
67	67	Concrete Pole 7.5m	5.057976, 100.996069
68	68	Concrete Pole 7.5m	5.058284, 100.996152
69	69	Concrete Pole 7.5m	5.058519, 100.996224
70	70	Concrete Pole 7.5m	5.058769, 100.996265
71	71	Concrete Pole 7.5m	5.059037, 100.996349
72	72	Concrete Pole 7.5m	5.059231, 100.996416
73	73	Concrete Pole 7.5m	5.059483, 100.996485
74	74	Concrete Pole 7.5m	5.059727, 100.996525
75	75	Concrete Pole 7.5m	5.059965, 100.996564
76	76	Concrete Pole 7.5m	5.060215, 100.996595
77	77	Concrete Pole 7.5m	5.060441, 100.996598
78	78	Concrete Pole 7.5m	5.060694, 100.996636

No	POLE ID	Pole Type	GPS Coordinate
79	79	Concrete Pole 7.5m	5.060935, 100.996650
80	80	Concrete Pole 7.5m	5.061175, 100.996660
81	81	Concrete Pole 7.5m	5.061175, 100.996660
82	82	Concrete Pole 7.5m	5.061667, 100.996632
83	83	Concrete Pole 7.5m	5.061907, 100.996644
84	84	Concrete Pole 7.5m	5.062087, 100.996608
85	85	Concrete Pole 7.5m	5.062467, 100.996668
86	86	Concrete Pole 7.5m	5.062642, 100.996664
87	87	Concrete Pole 7.5m	5.062877, 100.996694
88	88	Concrete Pole 7.5m	5.063085, 100.996706
89	89	Concrete Pole 7.5m	5.063312, 100.996720
90	90	Concrete Pole 7.5m	5.063592, 100.996764
91	91	Concrete Pole 7.5m	5.063893, 100.996802
92	92	Concrete Pole 7.5m	5.064146, 100.996808
93	93	Concrete Pole 7.5m	5.064400, 100.996822
94	94	Concrete Pole 7.5m	5.064620, 100.996831
95	95	Concrete Pole 7.5m	5.064871, 100.996862
96	96	Concrete Pole 7.5m	5.065121, 100.996868
97	97	Concrete Pole 7.5m	5.065386, 100.996885
98	98	Concrete Pole 7.5m	5.065634, 100.996878
99	99	Concrete Pole 7.5m	5.065875, 100.996887

No	POLE ID	Pole Type	GPS Coordinate
100	100	Concrete Pole 7.5m	5.066122, 100.996892
101	101	Concrete Pole 7.5m	5.066378, 100.996900
102	102	Concrete Pole 7.5m	5.066642, 100.996912
103	103	Concrete Pole 7.5m	5.066881, 100.996931
104	104	Concrete Pole 7.5m	5.067128, 100.996940
105	105	Concrete Pole 7.5m	5.067363, 100.996943
106	106	Concrete Pole 7.5m	5.067612, 100.996947
107	107	Concrete Pole 7.5m	5.067829, 100.996947
108	108	Concrete Pole 7.5m	5.068106, 100.996946
109	109	Concrete Pole 7.5m	5.068313, 100.996971
110	110	Concrete Pole 7.5m	5.068564, 100.996986
111	111	Concrete Pole 7.5m	5.068771, 100.996992
112	112	Concrete Pole 7.5m	5.069040, 100.996988
113	113	Concrete Pole 7.5m	5.069287, 100.997025
114	114	Concrete Pole 7.5m	5.069531, 100.997025
115	115	Concrete Pole 7.5m	5.069767, 100.997031
116	116	Concrete Pole 7.5m	5.070051, 100.997021
117	117	Concrete Pole 7.5m	5.070267, 100.997042
118	118	Concrete Pole 7.5m	5.070486, 100.997039
119	119	Concrete Pole 7.5m	5.070744, 100.997052

No	POLE ID	Pole Type	GPS Coordinate
120	120	Concrete Pole 7.5m	5.071016, 100.997074
121	121	Concrete Pole 7.5m	5.071269, 100.997078
122	122	Concrete Pole 7.5m	5.071514, 100.997089
123	123	Concrete Pole 7.5m	5.071776, 100.997089
124	124	Concrete Pole 7.5m	5.072005, 100.997108
125	125	Concrete Pole 7.5m	5.072278, 100.997117
126	126	Concrete Pole 7.5m	5.072521, 100.997122
127	127	Concrete Pole 7.5m	5.072752, 100.997138
128	128	Concrete Pole 7.5m	5.073045, 100.997127
129	129	Concrete Pole 7.5m	5.073295, 100.99715
130	130	Concrete Pole 7.5m	5.073517, 100.997164
131	131	Concrete Pole 7.5m	5.073766, 100.997170
132	132	Concrete Pole 7.5m	5.073999, 100.99720
133	133	Concrete Pole 7.5m	5.074222, 100.997210
134	134	Concrete Pole 7.5m	5.074484, 100.997218
135	135	Concrete Pole 7.5m	5.074750, 100.997236
136	136	Concrete Pole 7.5m	5.074982, 100.997233
137	137	Concrete Pole 7.5m	5.075222, 100.997245
138	138	Concrete Pole 7.5m	5.075472, 100.997258
139	139	Concrete Pole 7.5m	5.075696, 100.997261

No	POLE ID	Pole Type	GPS Coordinate
140	140	Concrete Pole 7.5m	5.075946, 100.997260
141	141	Concrete Pole 7.5m	5.076187, 100.997243
142	142	Concrete Pole 7.5m	5.076441, 100.997228
143	143	Concrete Pole 7.5m	5.076712, 100.997216
144	144	Concrete Pole 7.5m	5.076967, 100.997195
145	145	Concrete Pole 7.5m	5.077237, 100.997185
146	146	Concrete Pole 7.5m	5.077448, 100.997178
147	147	Concrete Pole 7.5m	5.077688, 100.997164
148	148	Concrete Pole 7.5m	5.077952, 100.997137
149	149	Concrete Pole 7.5m	5.078189, 100.997133
150	150	Concrete Pole 7.5m	5.078417, 100.997126
151	151	Concrete Pole 7.5m	5.078675, 100.997109
152	152	Concrete Pole 7.5m	5.078913, 100.997083
153	153	Concrete Pole 7.5m	5.079177, 100.997083
154	154	Concrete Pole 7.5m	5.079416, 100.997064
155	155	Concrete Pole 7.5m	5.079648, 100.997059
156	156	Concrete Pole 7.5m	5.079880, 100.997048
157	157	Concrete Pole 7.5m	5.080147, 100.997029
158	158	Concrete Pole 7.5m	5.080371, 100.997014
159	159	Concrete Pole 7.5m	5.080614, 100.997006

No	POLE ID	Pole Type	GPS Coordinate
160	160	Concrete Pole 7.5m	5.080859, 100.996996
161	161	Concrete Pole 7.5m	5.081104, 100.996976
162	162	Concrete Pole 7.5m	5.081637, 100.996956
163	163	Concrete Pole 7.5m	5.081866, 100.996936
164	164	Concrete Pole 7.5m	5.082108, 100.996932
165	165	Concrete Pole 7.5m	5.082353, 100.996917
166	166	Concrete Pole 7.5m	5.082591, 100.996906
167	167	Concrete Pole 7.5m	5.082835, 100.996893
168	168	Concrete Pole 7.5m	5.083076, 100.996863
169	169	Concrete Pole 7.5m	5.083260, 100.996865
170	170	Concrete Pole 7.5m	5.083515, 100.996854
171	171	Concrete Pole 7.5m	5.083801, 100.996822
172	172	Concrete Pole 7.5m	5.084001, 100.996820
173	173	Concrete Pole 7.5m	5.084257, 100.996810
174	174	Concrete Pole 7.5m	5.084492, 100.996803
175	175	Concrete Pole 7.5m	5.084722, 100.996789
176	176	Concrete Pole 7.5m	5.084736, 100.996899
177	177	Concrete Pole 7.5m	5.084960, 100.996911
178	178	Concrete Pole 7.5m	5.085042, 100.997136
179	179	Concrete Pole 7.5m	5.086092, 100.998400

No	POLE ID	Pole Type	GPS Coordinate
180	180	Concrete Pole 7.5m	5.086164, 100.998578
181	181	Concrete Pole 7.5m	5.086695, 100.999533

5.1 Fiber/Civil Accessories

FDP



Supplier : Fiberhome
Model/Spec :

FOC Cable



Supplier : Fiberhome
Model/Spec :

END OF TECHNICAL PROPOSAL