

Maxis FTTX Project – Technical Proposal

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Date	:	3/06/2024



Project & Site Name	:	TITAN BATCH 8B –TAMAN SEMPADAN
Taman ID	:	C1PN-SA-15
Address	:	FDC01: JALAN KEDIDI, TAMAN SEMPADAN FDC02: LORONG KEDIDI, TAMAN SEMPADAN FDC03: LORONG PEKAKA 1, TAMAN SEMPADAN
District	:	NIBONG TEBAL
Postcode & State	:	14300 , PENANG
GPS Coordinate	:	FDC015.13293,100.48710 FDC02: 5.13522,100.49060 FDC03: 5.13609,100.49188
FTTx LRD	:	TL89
Home pass / Premise pass Count	:	FDC01: 416 HP/PP FDC02: 458 HP/PP FDC03: 462 HP/PP
Total UG Build	:	2787m
Total Aerial Build	:	9524m
Total Cable distance	:	15472m

Table of Contents

- 1. Home Pass Summary & Details**
 - 1.1. Home Pass Summary
- 2. OLT Summary & Details**
 - 2.1. OLT Summary
 - 2.2. OLT Photos
- 3. OSP / ISP Summary & Details (OSP 2)**
 - 3.1. Propose Route Details & Site Map
 - 3.2. OSP / ISP BOQ
 - 3.3. Civil Works Details (Manhole & Pole)
 - 3.4. Photo Illustration
- 4. Optical Distribution Network Summary & Details (ODN)**
 - 4.1. Propose Route Details & Site Map
 - 4.2. ODN BOQ
 - 4.3. Civil Works Details (Manhole, Pole, FDC & FDP)
 - 4.4. Photo Illustration
- 5. Link Attenuation Calculation Reference**
- 6. Home pass / Premises pass Address**
- 7. Appendices**
 - 7.1. Drawing Legend
 - 7.2. Site Map
 - 7.3. OSP Civil Design
 - 7.4. OSP SLD Design
 - 7.5. ODN Civil Design
 - 7.6. ODN SLD Design
 - 7.7. Costing BOQ

1. Home Pass Summary & Details

1.1. Total HP/PP Count: FDC01: 416 HP/PP

FDC02: 458 HP/PP

FDC02: 462 HP/PP

No.	FDC No.	Road / Location	Home pass / Premises pass count
1	FDC01	LEBUH KEDIDI	22 HP/PP
2	FDC01	LEBUH MERPATI	109 HP/PP
3	FDC01	LINTANG MERPATI	15 HP/PP
4	FDC01	LORONG MERPATI	7 HP/PP
5	FDC01	PERSIARAN KEDIDI	46 HP/PP
6	FDC01	SOLOK MERPATI	14 HP/PP
7	FDC01	TINGKAT KEDIDI 1	27 HP/PP
8	FDC01	TINGKAT KEDIDI 2	27 HP/PP
9	FDC01	TINGKAT KEDIDI 3	10 HP/PP
10	FDC01	TINGKAT KEDIDI 5	9 HP/PP
11	FDC01	TINGKAT MERPATI 1	24 HP/PP
12	FDC01	TINGKAT MERPATI 2	46 HP/PP
13	FDC01	TINGKAT MERPATI 3	13 HP/PP
14	FDC01	TINGKAT MERPATI 4	19 HP/PP
15	FDC01	TINGKAT MERPATI 5	14 HP/PP
16	FDC01	TINGKAT MERPATI 6	10 HP/PP
17	FDC01	TINGKAT MERPATI 7	4 HP/PP
18	FDC02	GERBANG PEKAKA	23 HP/PP
19	FDC02	JALAN KEDIDI	82 HP/PP
20	FDC02	LABUAN KEDIDI	9 HP/PP
21	FDC02	LEBUH PEKAKA	54 HP/PP
22	FDC02	LENGKOK PEKAKA	44 HP/PP
23	FDC02	LINTANG KEDIDI	36 HP/PP
24	FDC02	LORONG KEDIDI	92 HP/PP
25	FDC02	PERSIARAN PEKAKA	38 HP/PP
26	FDC02	TINGKAT KEDIDI	53 HP/PP
27	FDC02	TINGKAT KEDIDI 1	27 HP/PP
28	FDC03	HALAMAN PEKAKA	33 HP/PP
29	FDC03	JALAN PEKAKA	48 HP/PP
30	FDC03	JALAN PEKAKA 2	18 HP/PP
31	FDC03	JALAN PEKAKA 4	73 HP/PP
32	FDC03	JALAN PEKAKA 6	38 HP/PP
33	FDC03	JALAN TRANSKRIAN	16 HP/PP
34	FDC03	LEBUH KEDIDI	17 HP/PP
35	FDC03	LORONG KEDIDI	17 HP/PP
36	FDC03	LORONG PEKAKA 1	17 HP/PP
37	FDC03	LORONG PEKAKA 2	16 HP/PP
38	FDC03	LORONG PEKAKA 4	17 HP/PP

39	FDC03	LORONG PEKAKA 5	15 HP/PP
40	FDC03	LORONG PEKAKA 6	38 HP/PP
41	FDC03	LORONG PEKAKA 7	79 HP/PP
42	FDC03	SOLOK PEKAKA	20 HP/PP

2. OLT Summary & Details

2.1. OLT Summary



Site LRD	:	BNTR
OLT Sharing	:	-
GPS Coordinate	:	5.1320886, 100.4935778
Site / Building Name	:	-
Address	:	JALAN MOHD SHARIFF, 34950 BANDAR BAHARU, KEDAH
OLT Model	:	-

2.2. OLT Photo's



Picture 1 – Portrait***



Picture 2 - Portrait***



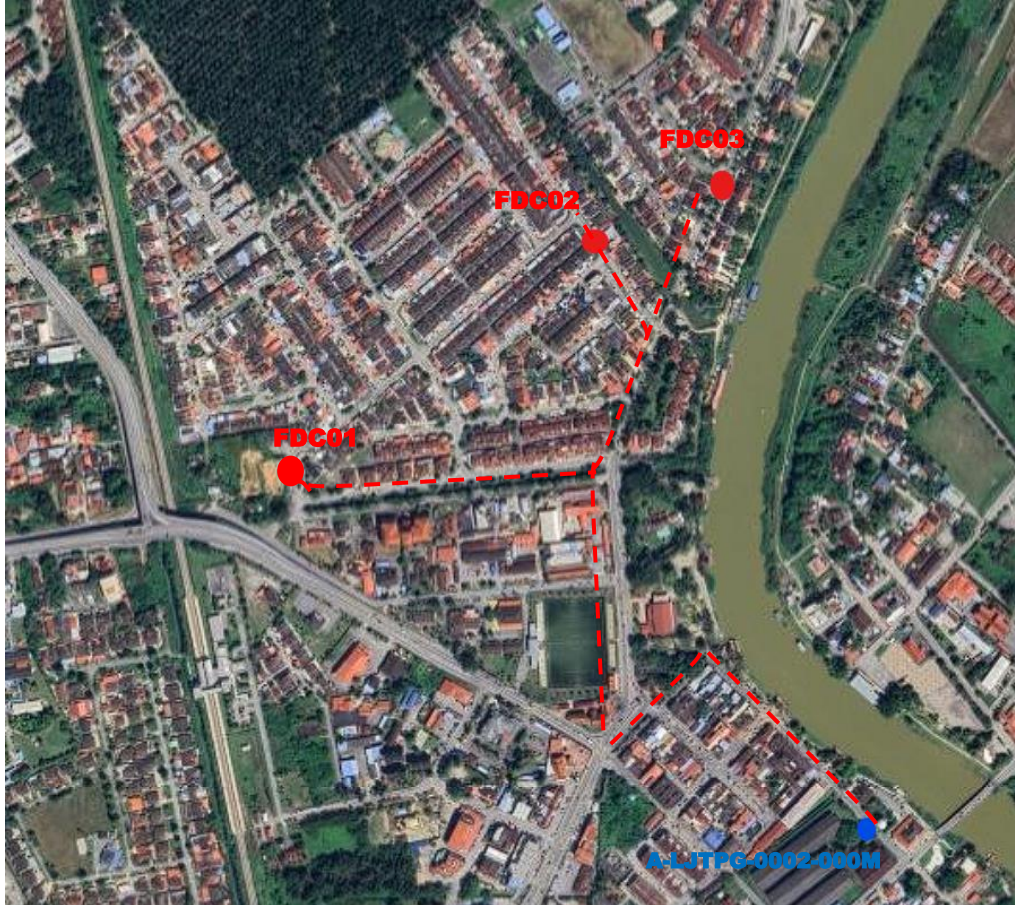
Picture 3 - Portrait***



Picture 4 - Portrait***

3. OSP / ISP Summary & Details (OSP 2)

3.1. Propose Route Details & Site Map



Point A LRD / Name	:	FDC01 & FDC02 & FDC03
Point A Address	:	FDC01: JALAN KEDIDI, TAMAN SEMPADAN, 14300 NIBONG TEBAL, PULAU PINANG
	:	FDC02: LORONG KEDIDI, TAMAN SEMPADAN, 14300 NIBONG TEBAL, PULAU PINANG
	:	FDC03: LORONG PEKAKA 1, TAMAN SEMPADAN, 14300 NIBONG TEBAL, PULAU PINANG
Point A GPS Coordinate	:	FDC01: 5.13293,100.48710
	:	FDC02: 5.13522,100.49060
	:	FDC03: 5.13609,100.49188
Point B LRD / Name	:	BNTR
Point B Address	:	JALAN MOHD SHARIFF, 34950 BANDAR BAHARU, KEDAH
Point B GPS Coordinate	:	5.1320886, 100.4935778
New build total distance (m)	:	1621m
Existing build total distance (m)	:	
Total Cable distance	:	1631m
Local Council & Authority approval Requirement	:	MAJLIS BANDARAYA SEBERANG PERAI (MBSP) : 270m JABATAN KERJARAYA PENANG (JKR) : 1361m

3.2. OSP & ISP BOQ

FDC01

Overall Proposed OSP Civil Infrastructure Design Distance		Unit	Quantity
1	Horizontal Directional Drilling with 1-way duct	M	70
2	Horizontal Directional Drilling with 2-way duct	M	
3	Open trench on grass verge (GV) with 1-way duct	M	
4	Open trench on grass verge (GV) with 2-way duct	M	
5	Open trench on carriage way (CW) with 1-way duct	M	
6	Open trench on carriage way (CW) with 2-way duct	M	
7	Micro trenching 3-way 40 mm HDPE sub-duct	M	05
8	Micro trenching 2-way 25 mm GI Pipe	M	

Overall Propose Manhole / Handhole		Unit	Quantity
1	Manhole JB30	Ea	
2	Manhole JB30 Modified	Ea	
3	Manhole JRC7	Ea	03
4	PIT	Ea	

Overall Propose Pole / Overhead		Unit	Quantity
1	7.5 m Pole – Iron / GI / Concrete	Ea	
2	9 m Pole – Iron / GI / Concrete	Ea	
3	G.I Riser	Ea	

Overall Cable Infrastructure Design Distance		Unit	Quantity
1	48 Core Optical Fiber Cable UG/IB/ID	M	
2	96 Core Optical Fiber Cable UG/IB	M	
3	144 Core Optical Fiber Cable UG/IB/ID	M	75

Overall Optic Splice Design		Unit	Quantity
1	Total Joint Closure	Ea	01

FDC02

Overall Proposed OSP Civil Infrastructure Design Distance		Unit	Quantity
1	Horizontal Directional Drilling with 1-way duct	M	140
2	Horizontal Directional Drilling with 2-way duct	M	
3	Open trench on grass verge (GV) with 1-way duct	M	
4	Open trench on grass verge (GV) with 2-way duct	M	
5	Open trench on carriage way (CW) with 1-way duct	M	
6	Open trench on carriage way (CW) with 2-way duct	M	
7	Micro trenching 3-way 40 mm HDPE sub-duct	M	05
8	Micro trenching 2-way 25 mm GI Pipe	M	

Overall Propose Manhole / Handhole		Unit	Quantity
1	Manhole JB30	Ea	
2	Manhole JB30 Modified	Ea	
3	Manhole JRC7	Ea	01
4	PIT	Ea	

Overall Propose Pole / Overhead		Unit	Quantity
1	7.5 m Pole – Iron / GI / Concrete	Ea	
2	9 m Pole – Iron / GI / Concrete	Ea	
3	G.I Riser	Ea	

Overall Cable Infrastructure Design Distance		Unit	Quantity
1	48 Core Optical Fiber Cable UG/IB/ID	M	
2	96 Core Optical Fiber Cable UG/IB	M	
3	144 Core Optical Fiber Cable UG/IB/ID	M	145

Overall Optic Splice Design		Unit	Quantity
1	Total Joint Closure	Ea	01

FDC03

Overall Proposed OSP Civil Infrastructure Design Distance		Unit	Quantity
1	Horizontal Directional Drilling with 1-way duct	M	1361
2	Horizontal Directional Drilling with 2-way duct	M	
3	Open trench on grass verge (GV) with 1-way duct	M	
4	Open trench on grass verge (GV) with 2-way duct	M	
5	Open trench on carriage way (CW) with 1-way duct	M	
6	Open trench on carriage way (CW) with 2-way duct	M	
7	Micro trenching 3-way 40 mm HDPE sub-duct	M	05
8	Micro trenching 2-way 25 mm GI Pipe	M	

Overall Propose Manhole / Handhole		Unit	Quantity
1	Manhole JB30	Ea	
2	Manhole JB30 Modified	Ea	
3	Manhole JRC7	Ea	06
4	PIT	Ea	

Overall Propose Pole / Overhead		Unit	Quantity
1	7.5 m Pole – Iron / GI / Concrete	Ea	
2	9 m Pole – Iron / GI / Concrete	Ea	
3	G.I Riser	Ea	03

Overall Cable Infrastructure Design Distance		Unit	Quantity
1	48 Core Optical Fiber Cable UG/IB/ID	M	
2	96 Core Optical Fiber Cable UG/IB	M	
3	144 Core Optical Fiber Cable UG/IB/ID	M	1406

Overall Optic Splice Design		Unit	Quantity
1	Total Joint Closure	Ea	01

3.3. Civil Work's Detail (Manhole & Pole)

Overall Existing Manhole & Pole		GPS Coordinate		Distance
No.	Manhole & Pole ID	Latitude	Longitude	Meter
1	A-LJTPG-0002-000M	5.12884	100.499359	145

Overall Propose Manhole & Pole		GPS Coordinate		Distance
No.	Manhole & Pole ID	Latitude	Longitude	Meter
1	JRC07/06	5.13605	100.49198	208
2	JRC07/07	5.13519	100.49065	140
3	JRC07/08	5.13432	100.49127	178
4	JRC07/09	5.13283	100.49073	180
5	JRC07/10	5.13264	100.48908	215
6	JRC07/12	5.13296	100.48710	70
7	JRC07/13	5.13237	100.48716	186
8	JRC07/14	5.13057	100.49087	245
9	JRC07/15	5.12945	100.49205	180
10	JRC07/16	5.12995	100.49255	80

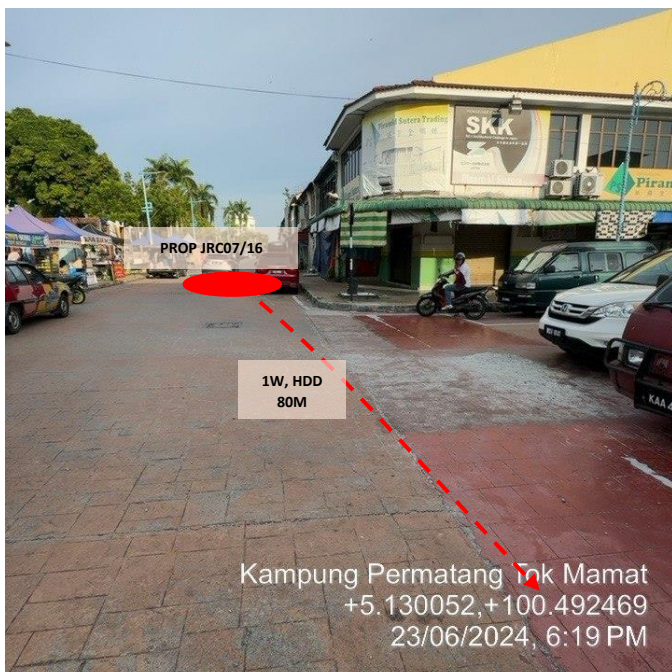
3.4. OSP/ISP Photo Illustration.



Picture 1 - LRD - BNTR



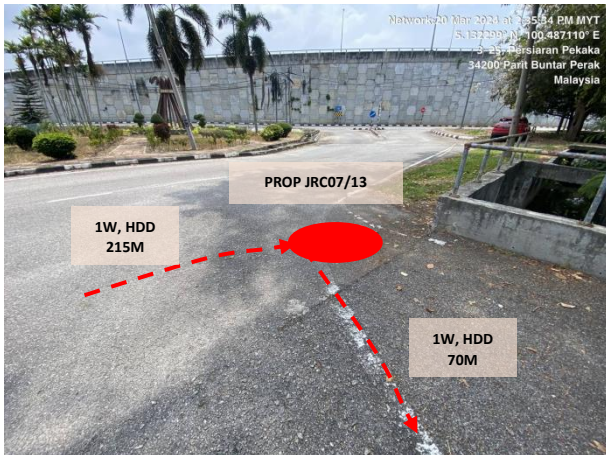
**Picture 2 – PREMIXED A-LJTPG-0002-000M
5.12884,100.49359**



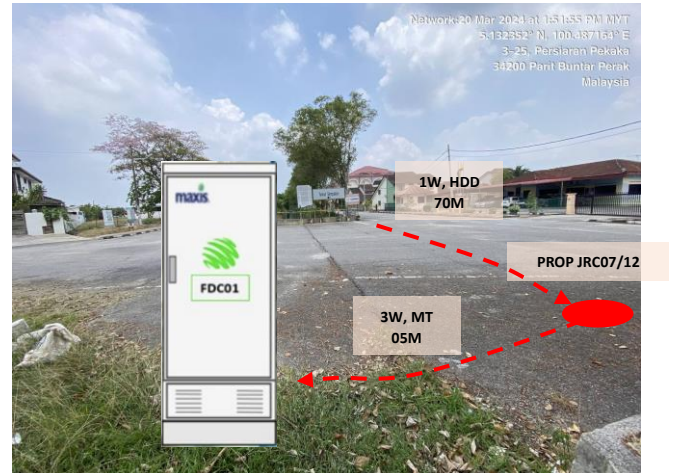
**Picture 3 - PROP JRC07/16 - 5.12995, 100.49255
JALAN SUNGAI**



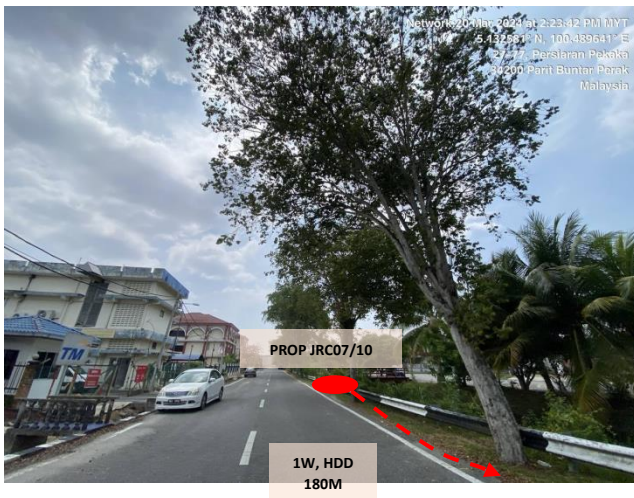
**Picture 4 - PROP JRC07/15 - 5.12945, 100.49205
JALAN THE PEH KONG**



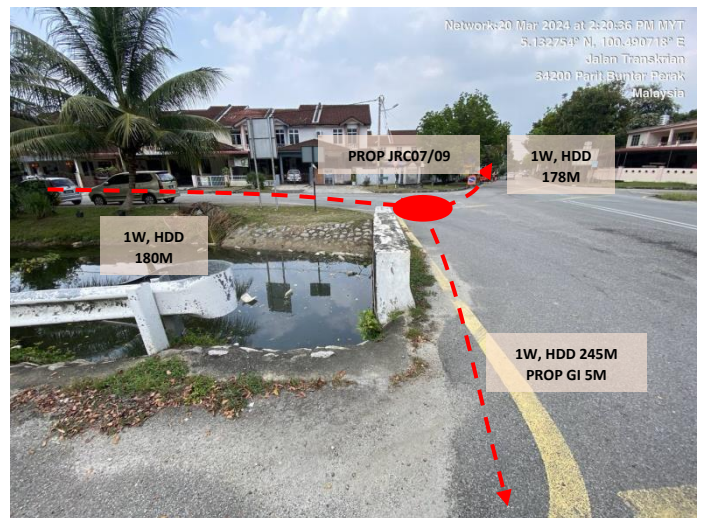
Picture 5 - PROP JRC07/13 - 5.13237,100.48716
JALAN SEMPADAN



Picture 6 - PROPOSED FDC01 - 5.13296,100.48710
JALAN KEDIDI



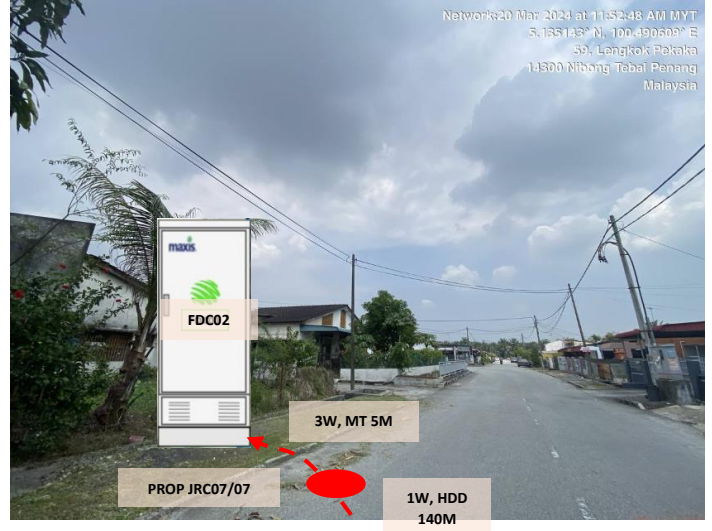
Picture 7 - PROP JRC07/10 - 5.13264,100.48908
JALAN SEMPADAN



Picture 8 - PROP JRC07/09 - 5.13283,100.49073
KAMPUNG PERMATA PARIT BUNTAR



Picture 9 - PROP JRC07/08 - 5.13432,100.49127
JALAN TRANSKRIAN



Picture 10 - Proposed FDC Location - FDC02
LENGKOK PEKAKA



Picture 11 - PROPOSED FDC03 - 5.13609,100.49188
JALAN TRANSKRIAN

4. Optical Distribution Network Summary & Details (ODN)

4.1. Propose Route Details & Site Map



ODN Type	:	Single Dwelling Unit (SDU)
FDC LRD	:	FDC01 & FDC02 & FDC03 (C1PN-SA-15 TAMAN SEMPADAN)
FDC Address	:	FDC01: JALAN KEDIDI, TAMAN SEMPADAN, 14300 NIBONG TEBAL, PULAU PINANG FDC02: LORONG KEDIDI, TAMAN SEMPADAN, 14300 NIBONG TEBAL, PULAU PINANG FDC03: LORONG PEKAKA 1, TAMAN SEMPADAN, 14300 NIBONG TEBAL, PULAU PINANG
FDC GPS Coordinate	:	FDC01: 5.13293,100.48710 FDC02: 5.13522,100.49060 FDC03: 5.13609,100.49188
Total FDP count	:	FDC01- PROP 23 FDP, SPARE 19 FDP FDC02- PROP 24 FDP, SPARE 20 FDP FDC03- PROP 26 FDP, SPARE 20 FDP
Home pass / Premise pass Count	:	FDC01: 416 HP/PP FDC02: 458 HP/PP FDC03: 462 HP/PP
Date	:	3/6/2024
New build total distance (m)	:	11871m
Existing build total distance (m)	:	
Total Cable Distance (m)	:	12751m
Local Council & Authority approval Requirement	:	MAJLIS BANDARAYA SEBERANG PERAI (MBSP) : 12616m

4.2. ODN BOQ

FDC01

Overall Proposed ODN Civil Infrastructure Design Distance		Unit	Quantity
1	Horizontal Directional Drilling with 1-way duct	M	200
2	Horizontal Directional Drilling with 2-way duct	M	
3	Open trench on grass verge (GV) with 1-way duct	M	
4	Open trench on grass verge (GV) with 2-way duct	M	
5	Open trench on carriage way (CW) with 1-way duct	M	
6	Open trench on carriage way (CW) with 2-way duct	M	
7	Micro trenching 3-way 40 mm HDPE sub-duct	M	105
8	Micro trenching 2-way 25 mm GI Pipe	M	

Overall Propose Manhole / Handhole		Unit	Quantity
1	Manhole JB30	Ea	
2	Manhole JB30 Modified	Ea	
3	Manhole JRC7	Ea	01
4	PIT	Ea	

Overall Propose Pole / Overhead		Unit	Quantity
1	7.5 m Pole – Iron / GI / Concrete	Ea	69
2	9 m Pole – Iron / GI / Concrete	Ea	16
3	G.I Riser	Ea	04

Overall Cable Infrastructure Design Distance		Unit	Quantity
1	48 Core Optical Fiber Cable UG/IB/ID	M	
2	96 Core Optical Fiber Cable UG/IB	M	
3	144 Core Optical Fiber Cable UG/IB/ID	M	3530

Overall Optic Splice Design		Unit	Quantity
1	Total Joint Closure	Ea	11

Overall FDC		Unit	Quantity
1	144 PP Fiber Distribution Cabinet outdoor	Ea	
2	144 PP Fiber Distribution Cabinet indoor	Ea	
3	288 PP Fiber Distribution Cabinet outdoor	Ea	
4	288 PP Fiber Distribution Cabinet indoor	Ea	
5	576 PP Fiber Distribution Cabinet outdoor	Ea	01
6	576 PP Fiber Distribution Cabinet indoor	Ea	
7	1152 PP Fiber Distribution Cabinet indoor	Ea	

Overall FDP		Unit	Quantity
1	12 Port indoor Fiber Distribution Panel	Ea	
2	12 Port outdoor Fiber Distribution Panel	Ea	23
3	12 Port pedestal Fiber Distribution Panel	Ea	
4	24 Port indoor Fiber Distribution Panel	Ea	

FDC02

Overall Proposed ODN Civil Infrastructure Design Distance		Unit	Quantity
1	Horizontal Directional Drilling with 1-way duct	M	
2	Horizontal Directional Drilling with 2-way duct	M	
3	Open trench on grass verge (GV) with 1-way duct	M	
4	Open trench on grass verge (GV) with 2-way duct	M	
5	Open trench on carriage way (CW) with 1-way duct	M	
6	Open trench on carriage way (CW) with 2-way duct	M	
7	Micro trenching 3-way 40 mm HDPE sub-duct	M	150
8	Micro trenching 2-way 25 mm GI Pipe	M	

Overall Propose Manhole / Handhole		Unit	Quantity
1	Manhole JB30	Ea	
2	Manhole JB30 Modified	Ea	
3	Manhole JRC7	Ea	
4	PIT	Ea	

Overall Propose Pole / Overhead		Unit	Quantity
1	7.5 m Pole – Iron / GI / Concrete	Ea	67
2	9 m Pole – Iron / GI / Concrete	Ea	15
3	G.I Riser	Ea	03

Overall Cable Infrastructure Design Distance		Unit	Quantity
1	48 Core Optical Fiber Cable UG/IB/ID	M	
2	96 Core Optical Fiber Cable UG/IB	M	
3	144 Core Optical Fiber Cable UG/IB/ID	M	3021

Overall Optic Splice Design		Unit	Quantity
1	Total Joint Closure	Ea	08

Overall FDC		Unit	Quantity
1	144 PP Fiber Distribution Cabinet outdoor	Ea	
2	144 PP Fiber Distribution Cabinet indoor	Ea	
3	288 PP Fiber Distribution Cabinet outdoor	Ea	
4	288 PP Fiber Distribution Cabinet indoor	Ea	
5	576 PP Fiber Distribution Cabinet outdoor	Ea	01
6	576 PP Fiber Distribution Cabinet indoor	Ea	
7	1152 PP Fiber Distribution Cabinet indoor	Ea	

Overall FDP		Unit	Quantity
1	12 Port indoor Fiber Distribution Panel	Ea	
2	12 Port outdoor Fiber Distribution Panel	Ea	24
3	12 Port pedestal Fiber Distribution Panel	Ea	
4	24 Port indoor Fiber Distribution Panel	Ea	

FDC03

Overall Proposed ODN Civil Infrastructure Design Distance		Unit	Quantity
1	Horizontal Directional Drilling with 1-way duct	M	699
2	Horizontal Directional Drilling with 2-way duct	M	
3	Open trench on grass verge (GV) with 1-way duct	M	
4	Open trench on grass verge (GV) with 2-way duct	M	
5	Open trench on carriage way (CW) with 1-way duct	M	
6	Open trench on carriage way (CW) with 2-way duct	M	
7	Micro trenching 3-way 40 mm HDPE sub-duct	M	82
8	Micro trenching 2-way 25 mm GI Pipe	M	

Overall Propose Manhole / Handhole		Unit	Quantity
1	Manhole JB30	Ea	
2	Manhole JB30 Modified	Ea	
3	Manhole JRC7	Ea	05
4	PIT	Ea	

Overall Propose Pole / Overhead		Unit	Quantity
1	7.5 m Pole – Iron / GI / Concrete	Ea	79
2	9 m Pole – Iron / GI / Concrete	Ea	14
3	G.I Riser	Ea	03

Overall Cable Infrastructure Design Distance		Unit	Quantity
1	48 Core Optical Fiber Cable UG/IB/ID	M	
2	96 Core Optical Fiber Cable UG/IB	M	
3	144 Core Optical Fiber Cable UG/IB/ID	M	4909

Overall Optic Splice Design		Unit	Quantity
1	Total Joint Closure	Ea	07

Overall FDC		Unit	Quantity
1	144 PP Fiber Distribution Cabinet outdoor	Ea	
2	144 PP Fiber Distribution Cabinet indoor	Ea	
3	288 PP Fiber Distribution Cabinet outdoor	Ea	
4	288 PP Fiber Distribution Cabinet indoor	Ea	
5	576 PP Fiber Distribution Cabinet outdoor	Ea	01
6	576 PP Fiber Distribution Cabinet indoor	Ea	
7	1152 PP Fiber Distribution Cabinet indoor	Ea	

Overall FDP		Unit	Quantity
1	12 Port indoor Fiber Distribution Panel	Ea	
2	12 Port outdoor Fiber Distribution Panel	Ea	26
3	12 Port pedestal Fiber Distribution Panel	Ea	
4	24 Port indoor Fiber Distribution Panel	Ea	

4.3. Civil Works Details (Manhole, Pole, FDC & FDP)

Overall Existing Manhole & Pole		GPS Coordinate	
No.	Manhole & Pole ID	Latitude	Longitude
1	-	-	-

Overall Propose Manhole & Pedestal		GPS Coordinate	
No.	Manhole & Pedestal ID	Latitude	Longitude
1	JRC07/01	5.13887	100.49035
2	JRC07/02	5.13844	100.49068
3	JRC07/03	5.13909	100.49175
4	JRC07/04	5.13829	100.49193
5	JRC07/05	5.13715	100.49112
6	JRC07/11	5.13368	100.48813
FDC01			
7	POLE 01 (7.5m)	5.13633	100.48899
8	POLE 02 (7.5m)	5.13613	100.48878
9	POLE 03 (7.5m)	5.13593	100.48854
10	POLE 04 (7.5m)	5.13573	100.48827
11	POLE 05 (9.0m)	5.13550	100.48802
12	POLE 06 (7.5m)	5.13626	100.48760
13	POLE 07 (7.5m)	5.13609	100.48771
14	POLE 08 (7.5m)	5.13587	100.48793
15	POLE 09 (9.0m)	5.13568	100.48772
16	POLE 10 (9.0m)	5.13553	100.48765
17	POLE 11 (9.0m)	5.13531	100.48785
18	POLE 12 (7.5m)	5.13502	100.48798
19	POLE 13 (7.5m)	5.13473	100.48822
20	POLE 14 (7.5m)	5.13445	100.48837
21	POLE 15 (7.5m)	5.13417	100.48855
22	POLE 16 (7.5m)	5.13524	100.48712
23	POLE 17 (7.5m)	5.13494	100.48735
24	POLE 18 (7.5m)	5.13478	100.48744
25	POLE 19 (7.5m)	5.13438	100.48775
26	POLE 20 (7.5m)	5.13418	100.48789
27	POLE 21 (7.5m)	5.13387	100.48808
28	POLE 22 (7.5m)	5.13488	100.48702
29	POLE 23 (7.5m)	5.13472	100.48712
30	POLE 24 (7.5m)	5.13441	100.48732
31	POLE 25 (7.5m)	5.13412	100.48754
32	POLE 26 (7.5m)	5.13390	100.48771
33	POLE 27 (7.5m)	5.13359	100.48790
34	POLE 28 (7.5m)	5.13794	100.48522

35	POLE 29 (7.5m)	5.13765	100.48540
36	POLE 30 (7.5m)	5.13727	100.48524
37	POLE 31 (9.0m)	5.13747	100.48550
38	POLE 32 (7.5m)	5.13724	100.48568
39	POLE 33 (7.5m)	5.13668	100.48535
40	POLE 34 (7.5m)	5.13681	100.48554
41	POLE 35 (9.0m)	5.13703	100.48584
42	POLE 36 (7.5m)	5.13679	100.48600
43	POLE 37 (7.5m)	5.13663	100.48610
44	POLE 38 (7.5m)	5.13608	100.48543
45	POLE 39 (7.5m)	5.13627	100.48571
46	POLE 40 (9.0m)	5.13634	100.48578
47	POLE 41 (7.5m)	5.13583	100.48672
48	POLE 42 (7.5m)	5.13571	100.48654
49	POLE 43 (7.5m)	5.13561	100.48638
50	POLE 44 (7.5m)	5.13579	100.48626
51	POLE 45 (7.5m)	5.13594	100.48616
52	POLE 46 (7.5m)	5.13629	100.48629
53	POLE 47 (9.0m)	5.13605	100.48598
54	POLE 48 (9.0m)	5.13587	100.48570
55	POLE 49 (7.5m)	5.13570	100.48586
56	POLE 50 (7.5m)	5.13545	100.48605
57	POLE 51 (7.5m)	5.13522	100.48620
58	POLE 52 (7.5m)	5.13513	100.48607
59	POLE 53 (7.5m)	5.13556	100.48570
60	POLE 54 (7.5m)	5.13528	100.48575
61	POLE 55 (9.0m)	5.13492	100.48581
62	POLE 56 (7.5m)	5.13589	100.48724
63	POLE 57 (7.5m)	5.13564	100.48746
64	POLE 58 (7.5m)	5.13546	100.48722
65	POLE 59 (9.0m)	5.13526	100.48697
66	POLE 60 (7.5m)	5.13511	100.48671
67	POLE 61 (7.5m)	5.13495	100.48649
68	POLE 62 (7.5m)	5.13479	100.48626
69	POLE 63 (9.0m)	5.13464	100.48605
70	POLE 64 (9.0m)	5.13458	100.48587
71	POLE 65 (7.5m)	5.13429	100.48593
72	POLE 66 (7.5m)	5.13400	100.48603
73	POLE 67 (7.5m)	5.13362	100.48608
74	POLE 68 (9.0m)	5.13320	100.48615
75	POLE 69 (9.0m)	5.13322	100.48651
76	POLE 70 (7.5m)	5.13325	100.48681
77	POLE 71 (7.5m)	5.13328	100.48710

78	POLE 72 (7.5m)	5.13362	100.48608
79	POLE 73 (7.5m)	5.13400	100.48603
80	POLE 74 (7.5m)	5.13429	100.48593
81	POLE 75 (7.5m)	5.13444	100.48625
82	POLE 76 (7.5m)	5.13458	100.48651
83	POLE 77 (7.5m)	5.13440	100.48664
84	POLE 78 (7.5m)	5.13424	100.48674
85	POLE 79 (7.5m)	5.13397	100.48694
86	POLE 80 (7.5m)	5.13397	100.48658
87	POLE 81 (7.5m)	5.13382	100.48666
88	POLE 82 (7.5m)	5.13362	100.48685
89	POLE 83 (7.5m)	5.13371	100.48720
90	POLE 84 (9.0m)	5.13339	100.48738
91	POLE 85 (7.5m)	5.13319	100.48749
FDC02			
92	POLE 01 (7.5m)	5.13490	100.48819
93	POLE 02 (7.5m)	5.13510	100.48844
94	POLE 03 (7.5m)	5.13532	100.48868
95	POLE 04 (7.5m)	5.13546	100.48886
96	POLE 05 (7.5m)	5.13566	100.48905
97	POLE 06 (7.5m)	5.13581	100.48926
98	POLE 07 (7.5m)	5.13596	100.48944
99	POLE 08 (7.5m)	5.13579	100.48956
100	POLE 09 (7.5m)	5.13450	100.48862
101	POLE 10 (7.5m)	5.13463	100.48874
102	POLE 11 (7.5m)	5.13480	100.48893
103	POLE 12 (7.5m)	5.13496	100.48914
104	POLE 13 (7.5m)	5.13514	100.48931
105	POLE 14 (7.5m)	5.13528	100.48953
106	POLE 15 (7.5m)	5.13549	100.48972
107	POLE 16 (7.5m)	5.13533	100.48992
108	POLE 17 (7.5m)	5.13737	100.48891
109	POLE 18 (7.5m)	5.13710	100.48908
110	POLE 19 (9.0m)	5.13685	100.48924
111	POLE 20 (7.5m)	5.13666	100.48932
112	POLE 21 (7.5m)	5.13640	100.48951
113	POLE 22 (9.0m)	5.13613	100.48968
114	POLE 23 (7.5m)	5.13596	100.48984
115	POLE 24 (7.5m)	5.13574	100.48995
116	POLE 25 (9.0m)	5.13543	100.49021
117	POLE 26 (9.0m)	5.13554	100.49035
118	POLE 27 (7.5m)	5.13749	100.48918
119	POLE 28 (7.5m)	5.13721	100.48935

120	POLE 29 (7.5m)	5.13687	100.48958
121	POLE 30 (7.5m)	5.13663	100.48976
122	POLE 31 (7.5m)	5.13637	100.48993
123	POLE 32 (7.5m)	5.13610	100.49006
124	POLE 33 (7.5m)	5.13585	100.49025
125	POLE 34 (9.0m)	5.13556	100.49046
126	POLE 35 (7.5m)	5.13529	100.49068
127	POLE 36 (7.5m)	5.13494	100.49087
128	POLE 37 (7.5m)	5.13401	100.48946
129	POLE 38 (7.5m)	5.13375	100.48957
130	POLE 39 (7.5m)	5.13347	100.48964
131	POLE 40 (7.5m)	5.13354	100.49010
132	POLE 41 (7.5m)	5.13354	100.49051
133	POLE 42 (7.5m)	5.13363	100.49097
134	POLE 43 (7.5m)	5.13409	100.49117
135	POLE 44 (9.0m)	5.13437	100.49128
136	POLE 45 (9.0m)	5.13446	100.49121
137	POLE 46 (7.5m)	5.13419	100.48991
138	POLE 47 (7.5m)	5.13400	100.49022
139	POLE 48 (7.5m)	5.13428	100.49054
140	POLE 49 (7.5m)	5.13438	100.49021
141	POLE 50 (7.5m)	5.13455	100.49044
142	POLE 51 (7.5m)	5.13486	100.49050
143	POLE 52 (7.5m)	5.13468	100.49060
144	POLE 53 (9.0m)	5.13449	100.49078
145	POLE 54 (9.0m)	5.13467	100.49099
146	POLE 55 (9.0m)	5.13475	100.49098
147	POLE 56 (7.5m)	5.13300	100.48730
148	POLE 57 (7.5m)	5.13311	100.48755
149	POLE 58 (7.5m)	5.13323	100.48771
150	POLE 59 (7.5m)	5.13344	100.48793
151	POLE 60 (7.5m)	5.13375	100.48824
152	POLE 61 (7.5m)	5.13401	100.48864
153	POLE 62 (7.5m)	5.13321	100.49063
154	POLE 63 (7.5m)	5.13319	100.49027
155	POLE 64 (7.5m)	5.13314	100.49006
156	POLE 65 (7.5m)	5.13309	100.48969
157	POLE 66 (7.5m)	5.13316	100.49006
158	POLE 67 (7.5m)	5.13285	100.48792
159	POLE 68 (7.5m)	5.13290	100.48824
160	POLE 69 (7.5m)	5.13293	100.48851
161	POLE 70 (7.5m)	5.13297	100.48876
162	POLE 71 (7.5m)	5.13299	100.48901

163	POLE 72 (9.0m)	5.13329	100.48902
164	POLE 73 (9.0m)	5.13329	100.48902
165	POLE 74 (7.5m)	5.13365	100.48885
166	POLE 75 (9.0m)	5.13385	100.48880
167	POLE 76 (7.5m)	5.13408	100.48906
168	POLE 77 (9.0m)	5.13432	100.48931
169	POLE 78 (9.0m)	5.13454	100.48955
170	POLE 79 (7.5m)	5.13477	100.48982
171	POLE 80 (7.5m)	5.13490	100.48999
172	POLE 81 (7.5m)	5.13514	100.49021
173	POLE 82 (7.5m)	5.13536	100.49051
FDC03			
174	POLE 01 (7.5m)	5.14002	100.48809
175	POLE 02 (7.5m)	5.13978	100.48826
176	POLE 03 (9.0m)	5.13944	100.48844
177	POLE 04 (7.5m)	5.13915	100.48862
178	POLE 05 (7.5m)	5.13905	100.48875
179	POLE 06 (7.5m)	5.13874	100.48894
180	POLE 07 (7.5m)	5.13853	100.48906
181	POLE 08 (7.5m)	5.13821	100.48931
182	POLE 09 (7.5m)	5.13833	100.48949
183	POLE 10 (7.5m)	5.14038	100.48838
184	POLE 11 (7.5m)	5.14018	100.48853
185	POLE 12 (7.5m)	5.13997	100.48871
186	POLE 13 (7.5m)	5.13961	100.48894
187	POLE 14 (9.0m)	5.13945	100.48903
188	POLE 15 (9.0m)	5.13909	100.48930
189	POLE 16 (7.5m)	5.13883	100.48947
190	POLE 17 (7.5m)	5.13869	100.48959
191	POLE 18 (7.5m)	5.13853	100.48971
192	POLE 19 (7.5m)	5.13860	100.48986
193	POLE 20 (7.5m)	5.14077	100.48871
194	POLE 21 (7.5m)	5.14058	100.48885
195	POLE 22 (7.5m)	5.14039	100.48898
196	POLE 23 (7.5m)	5.14025	100.48906
197	POLE 24 (9.0m)	5.13993	100.48934
198	POLE 25 (7.5m)	5.13975	100.48942
199	POLE 26 (7.5m)	5.13955	100.48960
200	POLE 27 (7.5m)	5.13934	100.48977
201	POLE 28 (7.5m)	5.13916	100.48985
202	POLE 29 (7.5m)	5.13900	100.48996
203	POLE 30 (7.5m)	5.13879	100.49009
204	POLE 31 (7.5m)	5.14031	100.49026

205	POLE 32 (7.5m)	5.14049	100.49046
206	POLE 33 (7.5m)	5.14068	100.49072
207	POLE 34 (7.5m)	5.14086	100.49096
208	POLE 35 (9.0m)	5.14104	100.49085
209	POLE 36 (9.0m)	5.14124	100.49074
210	POLE 37 (7.5m)	5.14158	100.49052
211	POLE 38 (7.5m)	5.14173	100.49037
212	POLE 39 (7.5m)	5.14205	100.49013
213	POLE 40 (9.0m)	5.14186	100.48990
214	POLE 41 (7.5m)	5.14158	100.49003
215	POLE 42 (7.5m)	5.14146	100.48981
216	POLE 43 (7.5m)	5.14132	100.48965
217	POLE 44 (7.5m)	5.14122	100.48953
218	POLE 45 (7.5m)	5.14110	100.48937
219	POLE 46 (7.5m)	5.14086	100.48909
220	POLE 47 (9.0m)	5.14057	100.48932
221	POLE 48 (7.5m)	5.14071	100.48947
222	POLE 49 (7.5m)	5.14045	100.48964
223	POLE 50 (7.5m)	5.14017	100.48984
224	POLE 51 (9.0m)	5.13999	100.49002
225	POLE 52 (9.0m)	5.13964	100.49022
226	POLE 53 (7.5m)	5.13939	100.49038
227	POLE 54 (9.0m)	5.13913	100.49057
228	POLE 55 (7.5m)	5.13897	100.49071
229	POLE 56 (7.5m)	5.13868	100.49087
230	POLE 57 (7.5m)	5.13845	100.49261
231	POLE 58 (7.5m)	5.13861	100.49260
232	POLE 59 (7.5m)	5.13890	100.49253
233	POLE 60 (7.5m)	5.13944	100.49225
234	POLE 61 (7.5m)	5.13928	100.49203
235	POLE 62 (7.5m)	5.13913	100.49184
236	POLE 63 (7.5m)	5.13894	100.49188
237	POLE 64 (7.5m)	5.13871	100.49197
238	POLE 65 (7.5m)	5.13838	100.49200
239	POLE 66 (7.5m)	5.13832	100.49225
240	POLE 67 (7.5m)	5.13805	100.49227
241	POLE 68 (7.5m)	5.13782	100.49212
242	POLE 69 (7.5m)	5.13770	100.49186
243	POLE 70 (7.5m)	5.13756	100.49199
244	POLE 71 (7.5m)	5.13745	100.49211
245	POLE 72 (7.5m)	5.13726	100.49231
246	POLE 73 (9.0m)	5.13692	100.49220
247	POLE 74 (7.5m)	5.13704	100.49205

248	POLE 75 (7.5m)	5.13725	100.49179
249	POLE 76 (7.5m)	5.13750	100.49160
250	POLE 77 (7.5m)	5.13733	100.49136
251	POLE 78 (7.5m)	5.13665	100.49071
252	POLE 79 (7.5m)	5.13637	100.49088
253	POLE 80 (7.5m)	5.13603	100.49112
254	POLE 81 (7.5m)	5.13577	100.49128
255	POLE 82 (7.5m)	5.13553	100.49146
256	POLE 83 (7.5m)	5.13587	100.49161
257	POLE 84 (7.5m)	5.13623	100.49134
258	POLE 85 (7.5m)	5.13642	100.49120
259	POLE 86 (7.5m)	5.13662	100.49107
260	POLE 87 (9.0m)	5.13693	100.49085
261	POLE 88 (9.0m)	5.13711	100.49114
262	POLE 89 (7.5m)	5.13685	100.49138
263	POLE 90 (7.5m)	5.13659	100.49165
264	POLE 91 (7.5m)	5.13633	100.49180
265	POLE 92 (7.5m)	5.13666	100.49214
266	POLE 93 (7.5m)	5.13619	100.49192

Overall Propose FDC		GPS Coordinate	
No.	FDC	Latitude	Longitude
1	FDC01	5.13293	100.48710
2	FDC02	5.13522	100.49060
3	FDC03	5.13609	100.49188

Overall Propose FDP		GPS Coordinate	
No.	FDP	Latitude	Longitude
FDC01			
1	FDP 01	5.13633	100.48899
2	FDP 02 (COIL 10M)	5.13613	100.48878
3	FDP 03 (COIL 10M)	5.13593	100.48854
4	FDP 04	5.13573	100.48827
5	FDP 05 (COIL 10M)	5.13550	100.48802
6	FDP 06	5.13626	100.48760
7	FDP 07 (COIL 10M)	5.13609	100.48771
8	FDP 08	5.13502	100.48798
9	FDP 09 (COIL 10M)	5.13445	100.48837
10	FDP 10	5.13524	100.48712
11	FDP 11 (COIL 10M)	5.13418	100.48789
12	FDP 12	5.13488	100.48702
13	FDP 13 (COIL 10M)	5.13441	100.48732
14	FDP 14	5.13412	100.48754

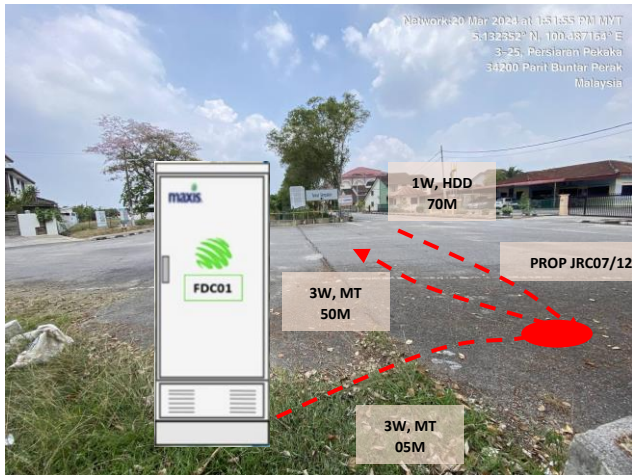
15	FDP 15 (COIL 10M)	5.13390	100.48771
16	FDP 16	5.13794	100.48522
17	FDP 17	5.13727	100.48524
18	FDP 18	5.13668	100.48535
19	FDP 19 (COIL 10M)	5.13681	100.48554
20	FDP 20	5.13608	100.48543
21	FDP 21 (COIL 10M)	5.13627	100.48571
22	FDP 22	5.13583	100.48672
23	FDP 23 (COIL 10M)	5.13571	100.48654
24	FDP 24	5.13629	100.48629
25	FDP 25	5.13570	100.48586
26	FDP 26 (COIL 10M)	5.13545	100.48605
27	FDP 27	5.13556	100.48570
28	FDP 28	5.13589	100.48724
29	FDP 29 (COIL 10M)	5.13526	100.48697
30	FDP 30 (COIL 10M)	5.13511	100.48671
31	FDP 31 (COIL 10M)	5.13495	100.48649
32	FDP 32	5.13464	100.48605
33	FDP 33 (COIL 10M)	5.13429	100.48593
34	FDP 34	5.13362	100.48608
35	FDP 35	5.13322	100.48651
36	FDP 36 (COIL 10M)	5.13328	100.48710
37	FDP 37	5.13362	100.48608
38	FDP 38	5.13440	100.48664
39	FDP 39 (COIL 10M)	5.13397	100.48694
40	FDP 40	5.13397	100.48658
41	FDP 41 (COIL 10M)	5.13382	100.48666
42	FDP 42	5.13319	100.48749
FDC02			
43	FDP 01	5.13490	100.48819
44	FDP 02 (COIL 10M)	5.13532	100.48868
45	FDP 03 (COIL 10M)	5.13546	100.48886
46	FDP 04	5.13566	100.48905
47	FDP 05 (COIL 10M)	5.13581	100.48926
48	FDP 06	5.13450	100.48862
49	FDP 07 (COIL 10M)	5.13480	100.48893
50	FDP 08 (COIL 10M)	5.13496	100.48914
51	FDP 09	5.13514	100.48931
52	FDP 10 (COIL 10M)	5.13528	100.48953
53	FDP 11	5.13737	100.48891
54	FDP 12	5.13685	100.48924
55	FDP 13 (COIL 10M)	5.13666	100.48932
56	FDP 14 (COIL 10M)	5.13640	100.48951

57	FDP 15	5.13596	100.48984
58	FDP 16 (COIL 10M)	5.13574	100.48995
59	FDP 17	5.13749	100.48918
60	FDP 18 (COIL 10M)	5.13610	100.49006
61	FDP 19	5.13494	100.49087
62	FDP 20	5.13401	100.48946
63	FDP 21	5.13354	100.49010
64	FDP 22	5.13446	100.49121
65	FDP 23	5.13419	100.48991
66	FDP 24	5.13428	100.49054
67	FDP 25	5.13438	100.49021
68	FDP 26 (COIL 10M)	5.13455	100.49044
69	FDP 27	5.13486	100.49050
70	FDP 28 (COIL 10M)	5.13468	100.49060
71	FDP 29	5.13300	100.48730
72	FDP 30 (COIL 10M)	5.13375	100.48824
73	FDP 31	5.13321	100.49063
74	FDP 32 (COIL 10M)	5.13319	100.49027
75	FDP 33 (COIL 10M)	5.13314	100.49006
76	FDP 34	5.13316	100.49006
77	FDP 35	5.13285	100.48792
78	FDP 36 (COIL 10M)	5.13293	100.48851
79	FDP 37 (COIL 10M)	5.13297	100.48876
80	FDP 38 (COIL 10M)	5.13329	100.48902
81	FDP 39	5.13365	100.48885
82	FDP 40	5.13408	100.48906
83	FDP 41	5.13454	100.48955
84	FDP 42 (COIL 10M)	5.13477	100.48982
85	FDP 43	5.13490	100.48999
86	FDP 44 (COIL 10M)	5.13514	100.49021
FDC03			
87	FDP 01	5.14002	100.48809
88	FDP 02	5.13944	100.48844
89	FDP 03	5.13874	100.48894
90	FDP 04 (COIL 10M)	5.13853	100.48906
91	FDP 05	5.14038	100.48838
92	FDP 06 (COIL 10M)	5.13997	100.48871
93	FDP 07	5.13961	100.48894
94	FDP 08 (COIL 10M)	5.13945	100.48903
95	FDP 09	5.13909	100.48930
96	FDP 10 (COIL 10M)	5.13883	100.48947
97	FDP 11 (COIL 10M)	5.13869	100.48959
98	FDP 12	5.14077	100.48871

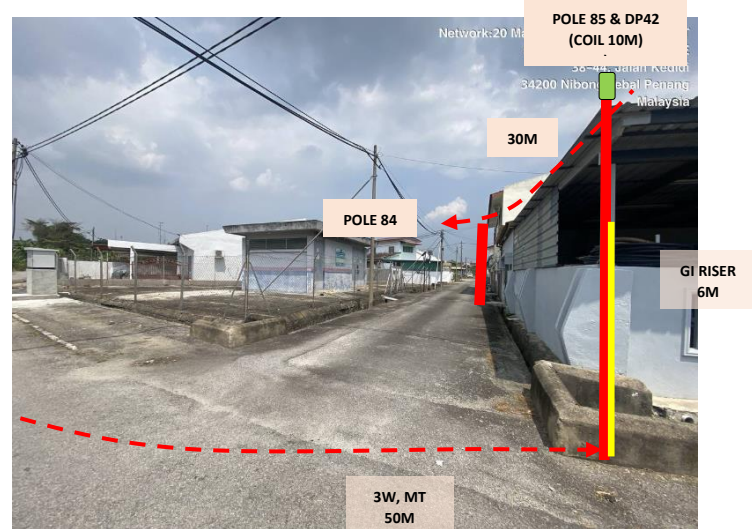
99	FDP 13 (COIL 10M)	5.14039	100.48898
100	FDP 14	5.13993	100.48934
101	FDP 15 (COIL 10M)	5.13975	100.48942
102	FDP 16 (COIL 10M)	5.13934	100.48977
103	FDP 17	5.13916	100.48985
104	FDP 18 (COIL 10M)	5.13900	100.48996
105	FDP 19	5.14031	100.49026
106	FDP 20 (COIL 10M)	5.14068	100.49072
107	FDP 21	5.14086	100.49096
108	FDP 22	5.14124	100.49074
109	FDP 23 (COIL 10M)	5.14158	100.49052
110	FDP 24 (COIL 10M)	5.14173	100.49037
111	FDP 25	5.14146	100.48981
112	FDP 26 (COIL 10M)	5.14122	100.48953
113	FDP 27 (COIL 10M)	5.14110	100.48937
114	FDP 28	5.14045	100.48964
115	FDP 29 (COIL 10M)	5.14017	100.48984
116	FDP 30 (COIL 10M)	5.13999	100.49002
117	FDP 31	5.13964	100.49022
118	FDP 32	5.13897	100.49071
119	FDP 33	5.13845	100.49261
120	FDP 34	5.13871	100.49197
121	FDP 35 (COIL 10M)	5.13832	100.49225
122	FDP 36	5.13782	100.49212
123	FDP 37	5.13770	100.49186
124	FDP 38	5.13704	100.49205
125	FDP 39	5.13665	100.49071
126	FDP 40 (COIL 10M)	5.13577	100.49128
127	FDP 41	5.13553	100.49146
128	FDP 42 (COIL 10M)	5.13623	100.49134
129	FDP 43 (COIL 10M)	5.13642	100.49120
130	FDP 44	5.13662	100.49107
131	FDP 45	5.13685	100.49138
132	FDP 46	5.13666	100.49214

4.4. ODN Photo Illustration

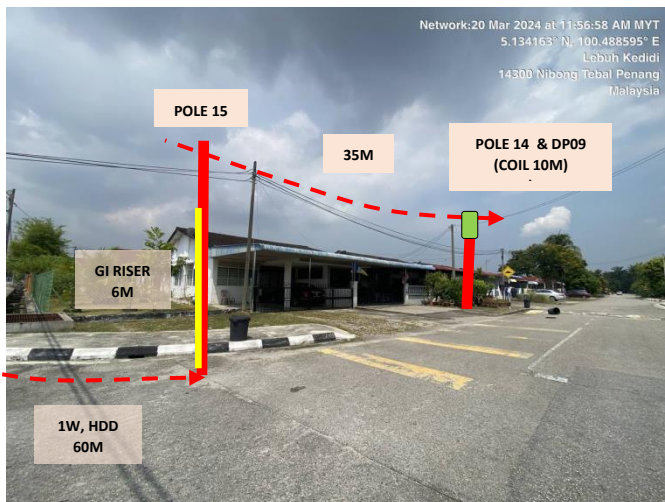
FDC01



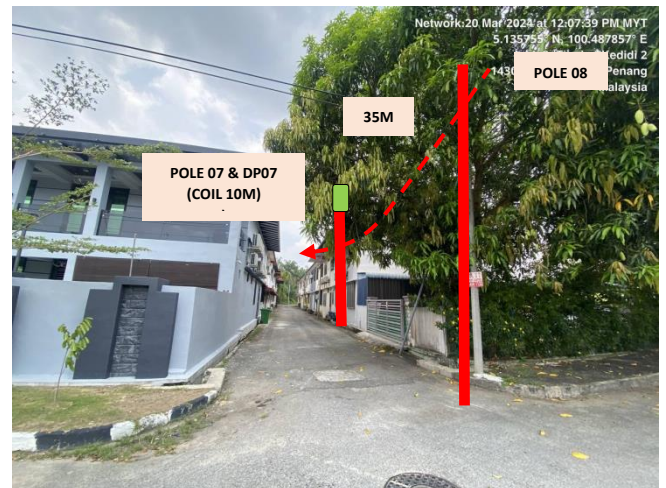
**Picture 1 - PROPOSED FDC01 - 5.13296,100.48710
JALAN KEDIDI**



Picture 2 –LINTANG MERPATI BETWEEN UNIT 33 & 1



Picture 3 – JALAN LEBUH KEDIDI 2 IN FRONT UNIT 1



**Picture 4 – JALAN TINGKAT KEDIDI 2 BETWEEN UNIT 2
& 1**



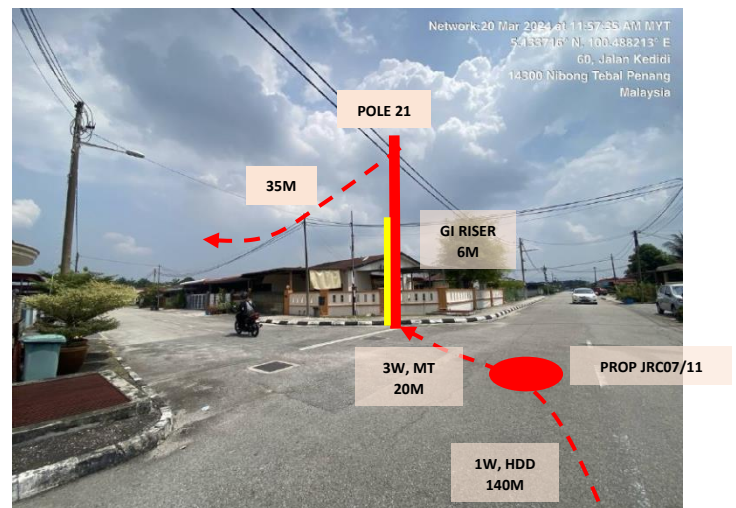
Picture 5– LORONG MERPATI BETWEEN UNIT 2 & 1



Picture 6 – JALAN SOLAK MERPATI BETWEEN UNIT 1 & 2

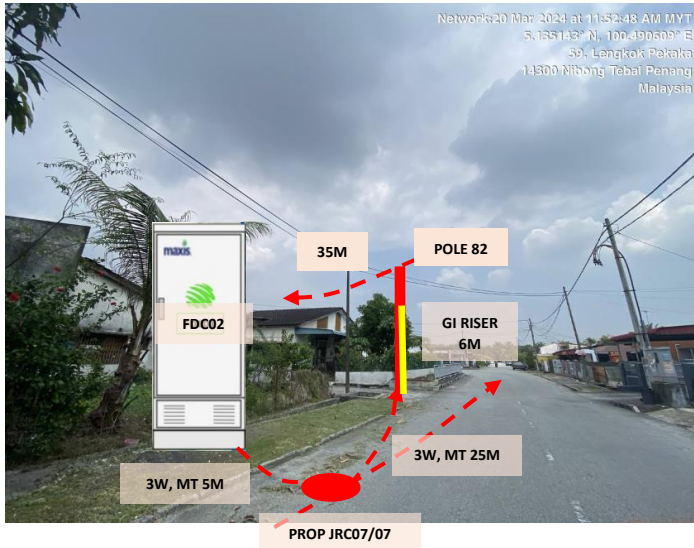


Picture 7– JALAN LINTANG KEDIDI 2 BETWEEN UNIT 54 & 53



Picture 8 – PERSIARAN KEDIDI BETWEEN UNIT 2 & 1

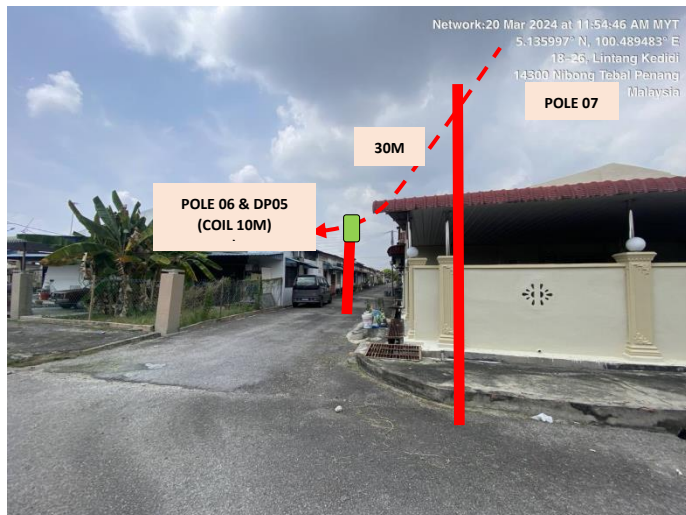
FDC02



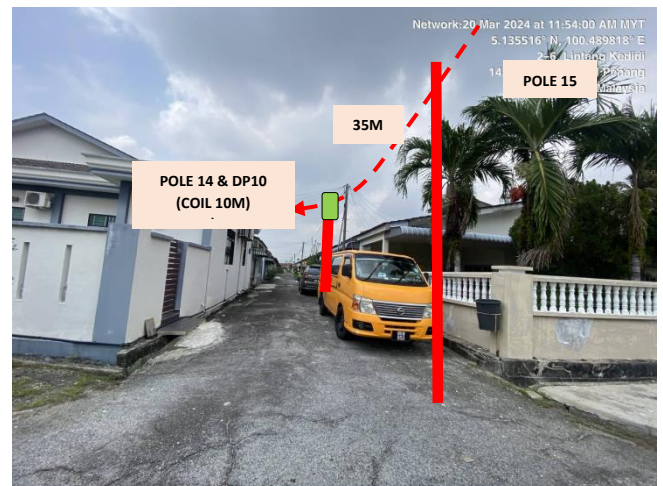
Picture 9 - Proposed FDC Location - FDC02
LENGKOK PEKAKA



Picture 1014 - JALAN LEBUH KEDIDI BETWEEN UNIT 27
& 32



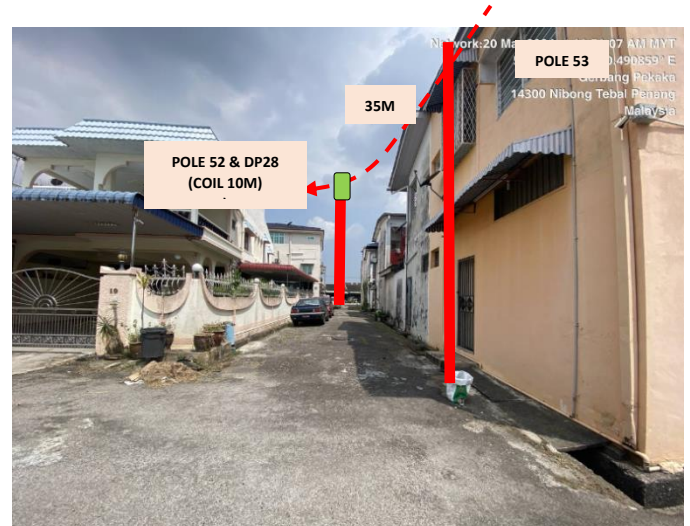
Picture 11 - JALAN LINTANG KEDIDI BETWEEN UNIT 53 &
54



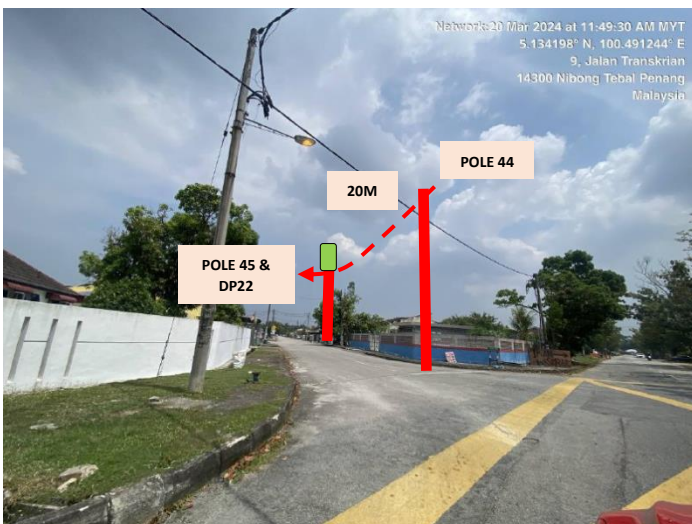
Picture 12 - JALAN LINTANG KEDIDI BETWEEN UNIT 52
& 57



Picture 13 – GERBANG PEKAKA BETWEEN UNIT 1 & 10



Picture 14 – GERBANG PEKAKA BETWEEN UNIT 19 & 5 ATAS

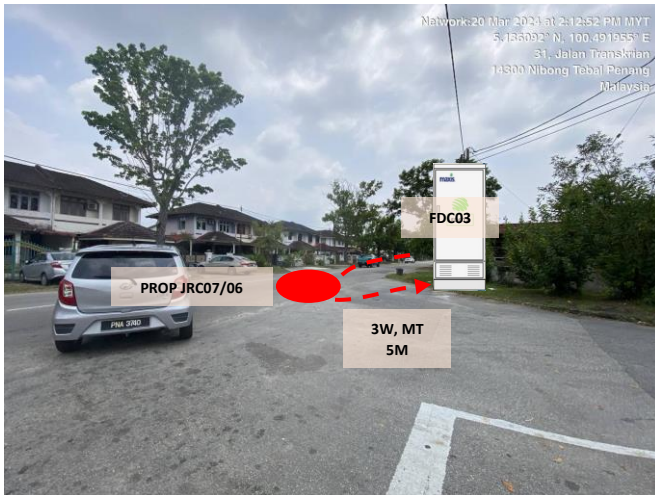


Picture 15– JALAN TRANSKRAN BETWEEN UNIT 2 & 1

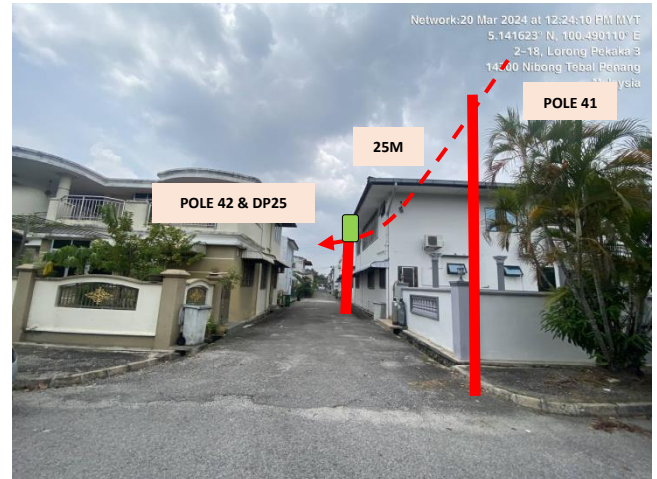


Picture 16 – LORONG KEDIDI BETWEEN UNIT 2 & 19

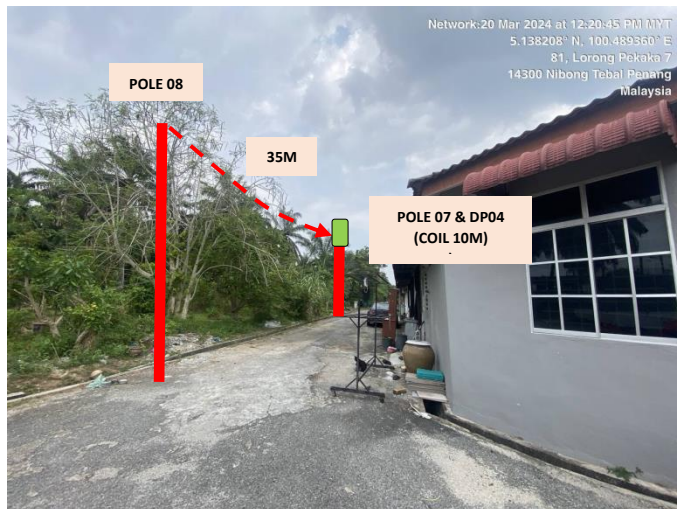
FDC03



**Picture 17 - PROPOSED FDC03 - 5.13609,100.49188
JALAN TRANSKRAN**



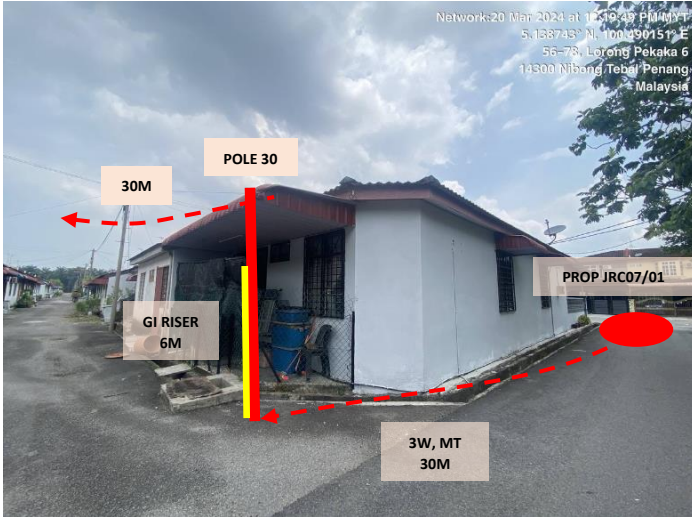
**Picture 18 –LORONG PERKAKA 3 BETWEEN UNIT 2 & 1-
2**



Picture 19 – LORONG PEKAKA 7 BEHIND UNIT 81



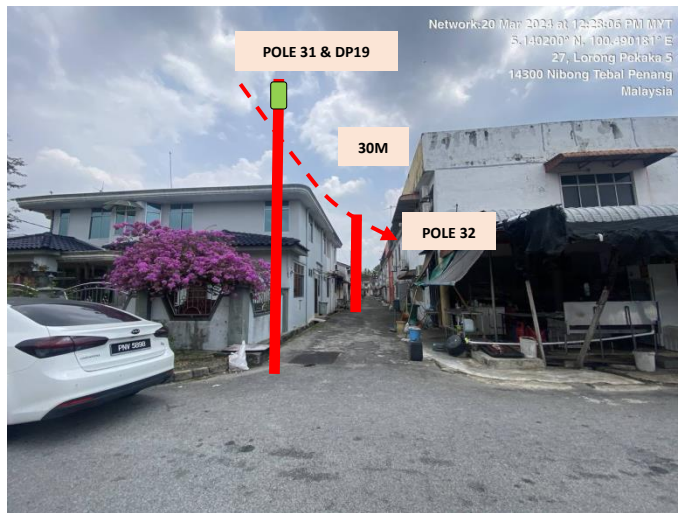
**Picture 20– PROP JRC07/04 - 5.13829,100.49193
JALAN PEKAKA 2**



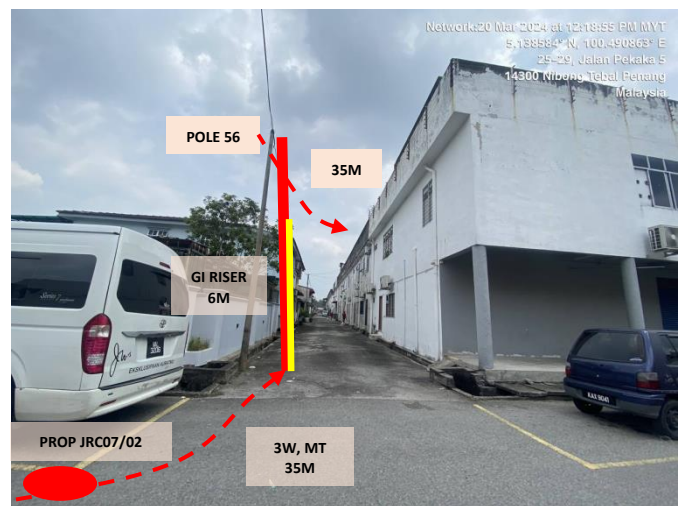
Picture 21 – LORONG PERKAKA 6 BETWEEN UNIT 77 & 76



Picture 22 – LORONG PERKAKA 7 BETWEEN UNIT 76 & 77



Picture 23– LORONG PEKAKA 2 BEHIND UNIT 31



Picture 24 – JALAN PEKAKA 5 BEHIND UNIT 68

5. Link Attenuation Calculation Reference

S = Total splice count in a single link

L = Total length of cable in a single link

C = Total connector count in a single link.

A) FIBER LOSS FOR 1310 nm WAVELENGTH

TOTAL LOSS = 0.15 (S) + 0.35 (L) + (C)

B) FIBER LOSS FOR 1550 nm WAVELENGTH

TOTAL LOSS = 0.10 (S) + 0.25 (L) + 0.5 (C)

MAXIMUM END TO END VALUE FOR 1310 nm = **** **dBm**

MAXIMUM END TO END VALUE FOR 1550 nm = **** **dBm**

6. Home pass / Premises pass Address

Site / Boundary Name	:	TAMAN SEMPADAN
Block / Row	:	
Home pass / Premise pass Count	:	FDC01: 416 HP/PP FDC02: 458 HP/PP FDC03: 462 HP/PP

No.	Property Type	Building Type	Unit No.	Floor / Level	Block Name / Type	Building Name	Street Name	Area/Taman	Town / City	Postcode	State	FDC / FDP	FDP
1	SDU	SINGLE-STOREY BUILDING	1	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
2	SDU	SINGLE-STOREY BUILDING	2	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
3	SDU	SINGLE-STOREY BUILDING	3	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
4	SDU	SINGLE-STOREY BUILDING	4	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
5	SDU	SINGLE-STOREY BUILDING	5	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
6	SDU	SINGLE-STOREY BUILDING	6	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
7	SDU	SINGLE-STOREY BUILDING	7	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
8	SDU	SINGLE-STOREY BUILDING	8	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
9	SDU	SINGLE-STOREY BUILDING	9	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
10	SDU	SINGLE-STOREY BUILDING	10	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
11	SDU	SINGLE-STOREY BUILDING	11	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
12	SDU	SINGLE-STOREY BUILDING	12	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 05 COIL
13	SDU	SINGLE-STOREY BUILDING	13	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
14	SDU	SINGLE-STOREY BUILDING	14	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
15	SDU	SINGLE-STOREY BUILDING	15	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
16	SDU	SINGLE-STOREY BUILDING	16	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
17	SDU	SINGLE-STOREY BUILDING	17	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
18	SDU	SINGLE-STOREY BUILDING	18	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
19	SDU	SINGLE-STOREY BUILDING	19	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
20	SDU	SINGLE-STOREY BUILDING	20	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
21	SDU	SINGLE-STOREY BUILDING	21	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
22	SDU	SINGLE-STOREY BUILDING	22	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
23	SDU	SINGLE-STOREY BUILDING	23	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
24	SDU	SINGLE-STOREY BUILDING	24	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 04
25	SDU	SINGLE-STOREY BUILDING	25	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
26	SDU	SINGLE-STOREY BUILDING	26	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
27	SDU	SINGLE-STOREY BUILDING	27	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
28	SDU	SINGLE-STOREY BUILDING	28	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
29	SDU	SINGLE-STOREY BUILDING	29	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
30	SDU	SINGLE-STOREY BUILDING	30	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
31	SDU	SINGLE-STOREY BUILDING	31	NIL	NIL	NIL	TINGKAT KEDIDI 1	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
32	SDU	SINGLE-STOREY BUILDING	32	NIL	NIL	NIL	TINGKAT KEDIDI 2	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 03 COIL
33	SDU	SINGLE-STOREY	33	NIL	NIL	NIL	TINGKAT	TAMAN	NIBONG	14300	PULAU	FDC01	FDP 03

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393	SDU	SINGLE-STOREY BUILDING	9	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 19 COIL
394	SDU	SINGLE-STOREY BUILDING	11	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 19 COIL
395	SDU	SINGLE-STOREY BUILDING	2	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 18
396	SDU	SINGLE-STOREY BUILDING	4	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 18
397	SDU	SINGLE-STOREY BUILDING	6	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 18
398	SDU	SINGLE-STOREY BUILDING	8	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 18
399	SDU	SINGLE-STOREY BUILDING	10	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 19 COIL
400	SDU	SINGLE-STOREY BUILDING	12	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 19 COIL
401	SDU	SINGLE-STOREY BUILDING	14	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 19 COIL
402	SDU	SINGLE-STOREY BUILDING	16	NIL	NIL	NIL	TINGKAT MERPATI 5	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 19 COIL
403	SDU	SINGLE-STOREY BUILDING	1	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
404	SDU	SINGLE-STOREY BUILDING	3	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
405	SDU	SINGLE-STOREY BUILDING	5	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
406	SDU	SINGLE-STOREY BUILDING	7	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
407	SDU	SINGLE-STOREY BUILDING	2	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
408	SDU	SINGLE-STOREY BUILDING	4	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
409	SDU	SINGLE-STOREY BUILDING	6	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
410	SDU	SINGLE-STOREY BUILDING	8	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
411	SDU	SINGLE-STOREY BUILDING	10	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
412	SDU	SINGLE-STOREY BUILDING	12	NIL	NIL	NIL	TINGKAT MERPATI 6	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 17
413	SDU	SINGLE-STOREY BUILDING	MA01	NIL	NIL	NIL	TINGKAT MERPATI 7	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 16
414	SDU	SINGLE-STOREY BUILDING	MA02	NIL	NIL	NIL	TINGKAT MERPATI 7	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 16
415	SDU	SINGLE-STOREY BUILDING	MA03	NIL	NIL	NIL	TINGKAT MERPATI 7	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 16
416	SDU	SINGLE-STOREY BUILDING	MA04	NIL	NIL	NIL	TINGKAT MERPATI 7	TAMAN TRANSKRIAN	NIBONG TEBAL	14300	PULAU PINANG	FDC01	FDP 16

No.	Property Type	Building Type	Unit No.	Floor / Level	Block Name / Type	Building Name	Street Name	Area/Taman	Town / City	Postcode	State	FDC / FDF	FDP
1	SDU	SINGLE-STOREY BUILDING	2	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 35
2	SDU	SINGLE-STOREY BUILDING	2A	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 35
3	SDU	SINGLE-STOREY BUILDING	6	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 35
4	SDU	SINGLE-STOREY BUILDING	8	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 35
5	SDU	SINGLE-STOREY BUILDING	10	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 35
6	SDU	SINGLE-STOREY BUILDING	12	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 35
7	SDU	SINGLE-STOREY BUILDING	14	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 36 COIL
8	SDU	SINGLE-STOREY BUILDING	16	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 36 COIL
9	SDU	SINGLE-STOREY BUILDING	18	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 36 COIL
10	SDU	SINGLE-STOREY BUILDING	20	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 36 COIL
11	SDU	SINGLE-STOREY BUILDING	22	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 37 COIL
12	SDU	SINGLE-STOREY BUILDING	24	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 37 COIL
13	SDU	SINGLE-STOREY BUILDING	26	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 37 COIL
14	SDU	SINGLE-STOREY BUILDING	28	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 37 COIL
15	SDU	SINGLE-STOREY BUILDING	30	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 37 COIL
16	SDU	SINGLE-STOREY BUILDING	32	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 37 COIL
17	SDU	SINGLE-STOREY BUILDING	34	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 34
18	SDU	SINGLE-STOREY BUILDING	36	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 34
19	SDU	SINGLE-STOREY BUILDING	38	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 34
20	SDU	SINGLE-STOREY BUILDING	40	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 34
21	SDU	SINGLE-STOREY BUILDING	42	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 34
22	SDU	SINGLE-STOREY BUILDING	44	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 34
23	SDU	SINGLE-STOREY BUILDING	46	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 33 COIL
24	SDU	SINGLE-STOREY BUILDING	48	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 33 COIL
25	SDU	SINGLE-STOREY BUILDING	50	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 33 COIL
26	SDU	SINGLE-STOREY BUILDING	52	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 33 COIL
27	SDU	SINGLE-STOREY BUILDING	54	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 33 COIL
28	SDU	SINGLE-STOREY BUILDING	56	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 33 COIL
29	SDU	SINGLE-STOREY BUILDING	58	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 33 COIL
30	SDU	SINGLE-STOREY BUILDING	60	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 32 COIL
31	SDU	SINGLE-STOREY BUILDING	62	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 32 COIL
32	SDU	SINGLE-STOREY BUILDING	64	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 32 COIL
33	SDU	SINGLE-STOREY BUILDING	66	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 32 COIL
34	SDU	SINGLE-STOREY BUILDING	68	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 32 COIL
35	SDU	SINGLE-STOREY BUILDING	70	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 32 COIL
36	SDU	SINGLE-STOREY BUILDING	72	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 31
37	SDU	SINGLE-STOREY BUILDING	74	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 31
38	SDU	SINGLE-STOREY BUILDING	76	NIL	NIL	NIL	LEBUH PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 31

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159	SDU	SHOPLOT	13 ATAS	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 27
160	SDU	SHOPLOT	15 ATAS	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 27
161	SDU	SHOPLOT	17 ATAS	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 27
162	SDU	SHOPLOT	5 BAWAH	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 28 COIL
163	SDU	SHOPLOT	7 BAWAH	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 28 COIL
164	SDU	SHOPLOT	9 BAWAH	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 28 COIL
165	SDU	SHOPLOT	11 BAWAH	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 2
166	SDU	SHOPLOT	13 BAWAH	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 27
167	SDU	SHOPLOT	15 BAWAH	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 27
168	SDU	SHOPLOT	17 BAWAH	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 27
169	SDU	SINGLE-STOREY BUILDING	17	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 41
170	SDU	SINGLE-STOREY BUILDING	19	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 41
171	SDU	SINGLE-STOREY BUILDING	21	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 41
172	SDU	SINGLE-STOREY BUILDING	23	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 41
173	SDU	SINGLE-STOREY BUILDING	25	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 42 COIL
174	SDU	SINGLE-STOREY BUILDING	27	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 42 COIL
175	SDU	SINGLE-STOREY BUILDING	29	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 42 COIL
176	SDU	SINGLE-STOREY BUILDING	31	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 42 COIL
177	SDU	SINGLE-STOREY BUILDING	33	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 42 COIL
178	SDU	SINGLE-STOREY BUILDING	35	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 42 COIL
179	SDU	SINGLE-STOREY BUILDING	37	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 43
180	SDU	SINGLE-STOREY BUILDING	39	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 43
181	SDU	SINGLE-STOREY BUILDING	41	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 43
182	SDU	SINGLE-STOREY BUILDING	43	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 43
183	SDU	SINGLE-STOREY BUILDING	45	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 43
184	SDU	SINGLE-STOREY BUILDING	47	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 43
185	SDU	SINGLE-STOREY BUILDING	49	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 44 COIL
186	SDU	SINGLE-STOREY BUILDING	51	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 44 COIL
187	SDU	SINGLE-STOREY BUILDING	53	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 44 COIL
188	SDU	SINGLE-STOREY BUILDING	55	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 44 COIL
189	SDU	SINGLE-STOREY BUILDING	57	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 44 COIL
190	SDU	SINGLE-STOREY BUILDING	59	NIL	NIL	NIL	LENGKOK PEKAKA	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 44 COIL
191	SDU	SINGLE-STOREY BUILDING	2	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19
192	SDU	SINGLE-STOREY BUILDING	4	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19
193	SDU	SINGLE-STOREY BUILDING	6	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19
194	SDU	SINGLE-STOREY BUILDING	8	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19
195	SDU	SINGLE-STOREY BUILDING	10	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19
196	SDU	SINGLE-STOREY BUILDING	12	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19
197	SDU	SINGLE-STOREY BUILDING	14	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19
198	SDU	SINGLE-STOREY BUILDING	16	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 19

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439	SDU	SINGLE-STOREY BUILDING	51	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 14 COIL
440	SDU	SINGLE-STOREY BUILDING	53	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 14 COIL
441	SDU	SINGLE-STOREY BUILDING	55	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 13 COIL
442	SDU	SINGLE-STOREY BUILDING	57	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 13 COIL
443	SDU	SINGLE-STOREY BUILDING	59	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 13 COIL
444	SDU	SINGLE-STOREY BUILDING	61	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 13 COIL
445	SDU	SINGLE-STOREY BUILDING	63	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 13 COIL
446	SDU	SINGLE-STOREY BUILDING	65	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 13 COIL
447	SDU	SINGLE-STOREY BUILDING	67	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 12
448	SDU	SINGLE-STOREY BUILDING	69	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 12
449	SDU	SINGLE-STOREY BUILDING	71	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 12
450	SDU	SINGLE-STOREY BUILDING	73	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 12
451	SDU	SINGLE-STOREY BUILDING	75	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 12
452	SDU	SINGLE-STOREY BUILDING	77	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 12
453	SDU	SINGLE-STOREY BUILDING	79	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 11
454	SDU	SINGLE-STOREY BUILDING	81	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 11
455	SDU	SINGLE-STOREY BUILDING	83	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 11
456	SDU	SINGLE-STOREY BUILDING	85	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 11
457	SDU	SINGLE-STOREY BUILDING	87	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 11
458	SDU	SINGLE-STOREY BUILDING	89	NIL	NIL	NIL	LORONG KEDIDI	TAMAN SEMPADAN	NIBONG TEBAL	14300	PULAU PINANG	FDC02	FDP 11

No.	Property Type	Building Type	Unit No.	Floor / Level	Block Name / Type	Building Name	Street Name	Area/Taman	Town / City	Postcode	State	FDC / FDP	FDP
1	SDU	SINGLE-STOREY BUILDING	13	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
2	SDU	SINGLE-STOREY BUILDING	15	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
3	SDU	SINGLE-STOREY BUILDING	17	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
4	SDU	SINGLE-STOREY BUILDING	19	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
5	SDU	SINGLE-STOREY BUILDING	21	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
6	SDU	SINGLE-STOREY BUILDING	23	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
7	SDU	SINGLE-STOREY BUILDING	25	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
8	SDU	SINGLE-STOREY BUILDING	27	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
9	SDU	SINGLE-STOREY BUILDING	29	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
10	SDU	SINGLE-STOREY BUILDING	31	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 41
11	SDU	SINGLE-STOREY BUILDING	31	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 46
12	SDU	SINGLE-STOREY BUILDING	33	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 46
13	SDU	SINGLE-STOREY BUILDING	35	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 46
14	SDU	SINGLE-STOREY BUILDING	37	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 46
15	SDU	SINGLE-STOREY BUILDING	39	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 46
16	SDU	SINGLE-STOREY BUILDING	41	NIL	NIL	NIL	JALAN TRANSKRIAN	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 46
17	SDU	SINGLE-STOREY BUILDING	1	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 40 COIL
18	SDU	SINGLE-STOREY BUILDING	3	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 40 COIL
19	SDU	SINGLE-STOREY BUILDING	5	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 40 COIL
20	SDU	SINGLE-STOREY BUILDING	7	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 40 COIL
21	SDU	SINGLE-STOREY BUILDING	9	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 40 COIL
22	SDU	SINGLE-STOREY BUILDING	16	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 40 COIL
23	SDU	SINGLE-STOREY BUILDING	14	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 40 COIL
24	SDU	SINGLE-STOREY BUILDING	12	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 39
25	SDU	SINGLE-STOREY BUILDING	10	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 39
26	SDU	SINGLE-STOREY BUILDING	8	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 39
27	SDU	SINGLE-STOREY BUILDING	6	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 39
28	SDU	SINGLE-STOREY BUILDING	4	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 39
29	SDU	SINGLE-STOREY BUILDING	2	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 39
30	SDU	SINGLE-STOREY BUILDING	1	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 44
31	SDU	SINGLE-STOREY BUILDING	3	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 44
32	SDU	SINGLE-STOREY BUILDING	5	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 44
33	SDU	SINGLE-STOREY BUILDING	7	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 44
34	SDU	SINGLE-STOREY BUILDING	9	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 44
35	SDU	SINGLE-STOREY BUILDING	11	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 44
36	SDU	SINGLE-STOREY BUILDING	13	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 43 COIL
37	SDU	SINGLE-STOREY BUILDING	15	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 43 COIL
38	SDU	SINGLE-STOREY BUILDING	17	NIL	NIL	NIL	HALAMAN PEKAKA	TAMAN PEKAKA	NIBONG TEBAL	14300	PULAU PINANG	FDC03	FDP 43 COIL

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7. Appendices

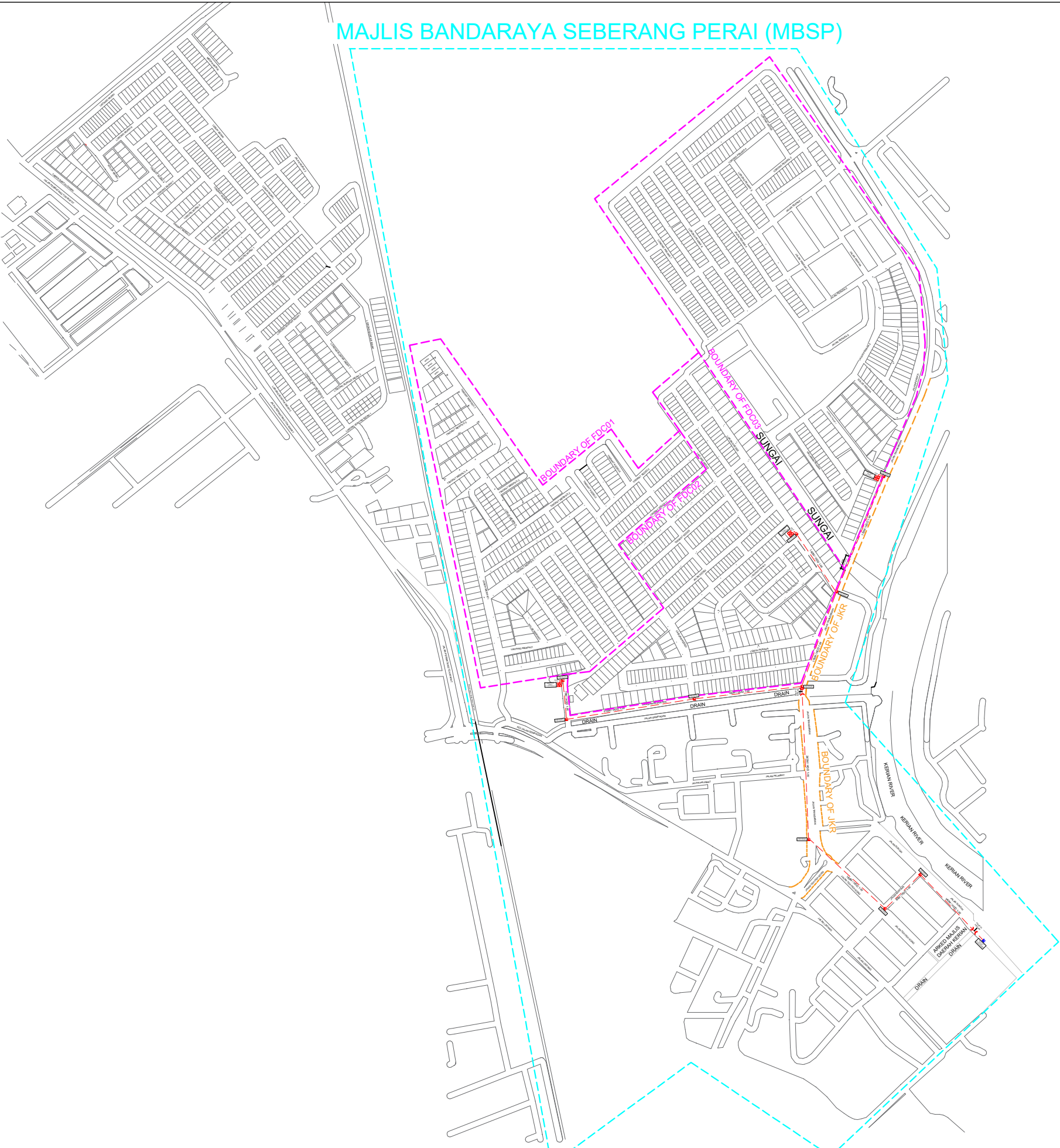
- 7.1. Drawing Legend
- 7.2. Site Map
- 7.3. OSP Civil Design
- 7.4. OSP SLD Design
- 7.5. ODN Civil Design
- 7.6. ODN SLD Design
- 7.7. Costing BOQ



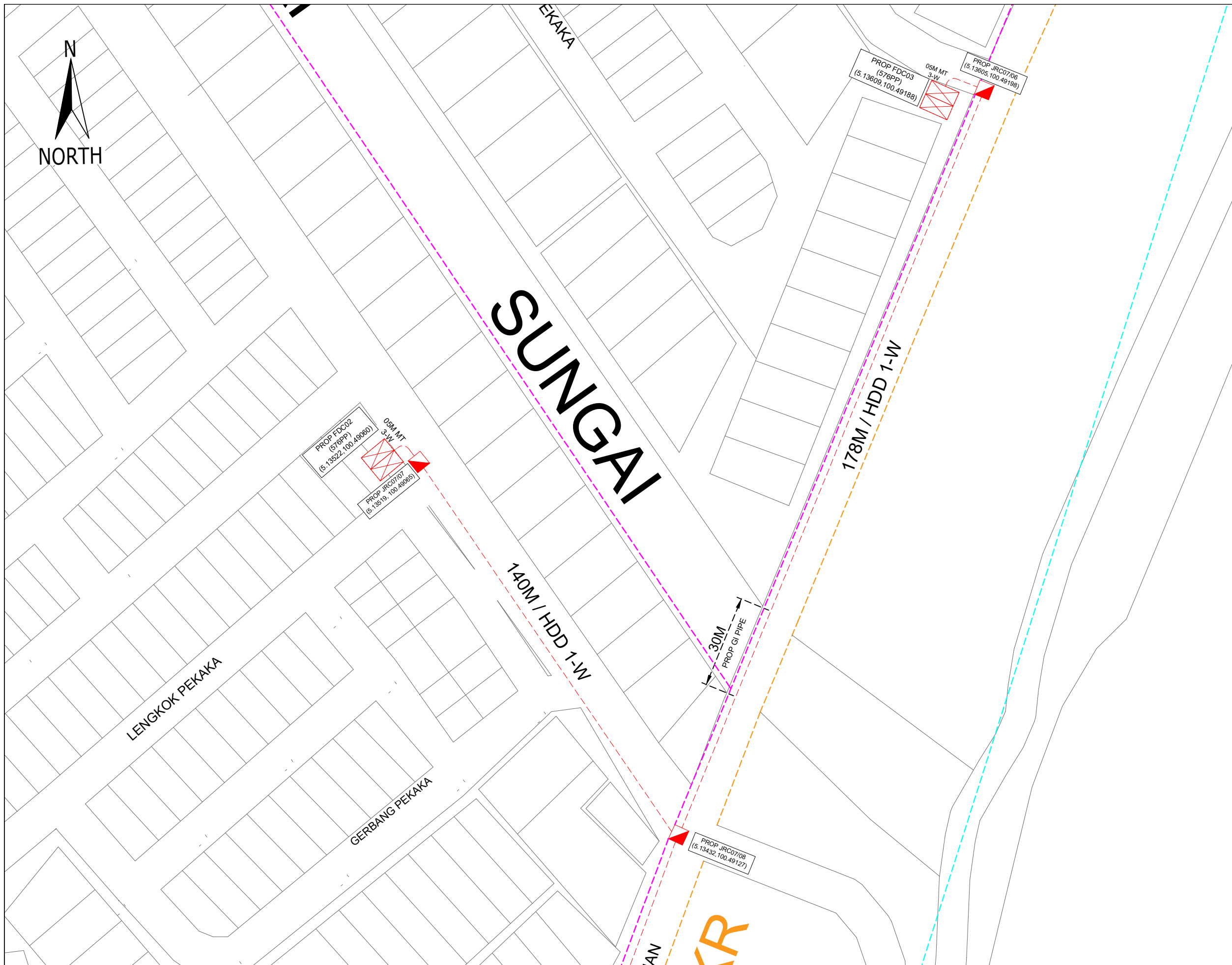
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Site Name	C1PN-SA-15 TAMAN SEMPADAN
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 88 PENANG"
DWG ID.	SITE MAP C1PN-SA-15 TAMAN SEMPADAN
Revision No.	-
Date	31.05.2024
Sheet	-
Summary Note	
Total HP/PP	FDC01 : 416 FDC02 : 458 FDC03 : 462
Total FDC	03
Total FDP	FDC01 : 23 PROP, 19 SPARE FDC02 : 24 PROP, 20 SPARE FDC03 : 26 PROP, 20 SPARE
Total Propose Joint	FDC01 : 11 FDC02 : 08 FDC03 : 07
Total Propose MH	FDC01:01, FDC02:-, FDC03:05
Total Propose Poles	FDC01:7.5M:69.0.9M:16 FDC02:7.5M:67.0.9M:15 FDC03:7.5M:79.0.9M:14
Total Prop UG Cable (m)	FDC01:340 FDC02:230 FDC03:1366
Total Prop OH Cable (m)	FDC01:3190 FDC02:2791 FDC03:3543
Legends	
Propose FDC / FDF	
Existing FDC / FDF	
Propose FDP	
Existing FDP	
Propose Manhole	
Existing Manhole	
Propose Pit / Handhole	
Existing Pit / Handhole	
Propose G.i / Duct Riser	
Existing G.i / Duct Riser	
Propose Pole	
Existing Pole	
Propose Closure/Joint	
Existing UG Duct Way	
Propose UG Trenching	
Existing Aerial Cable	
Propose Aerial Cable	
FDC Boundary	
FDP Boundary	
JKR Boundary	
Local Council Boundary	
Design By	ACE HOUSES
Maxis Broadband Sdn. Bhd.	
Checked By	
Checked Date	
Approved / Rejected By	
Approved / Rejected Date	



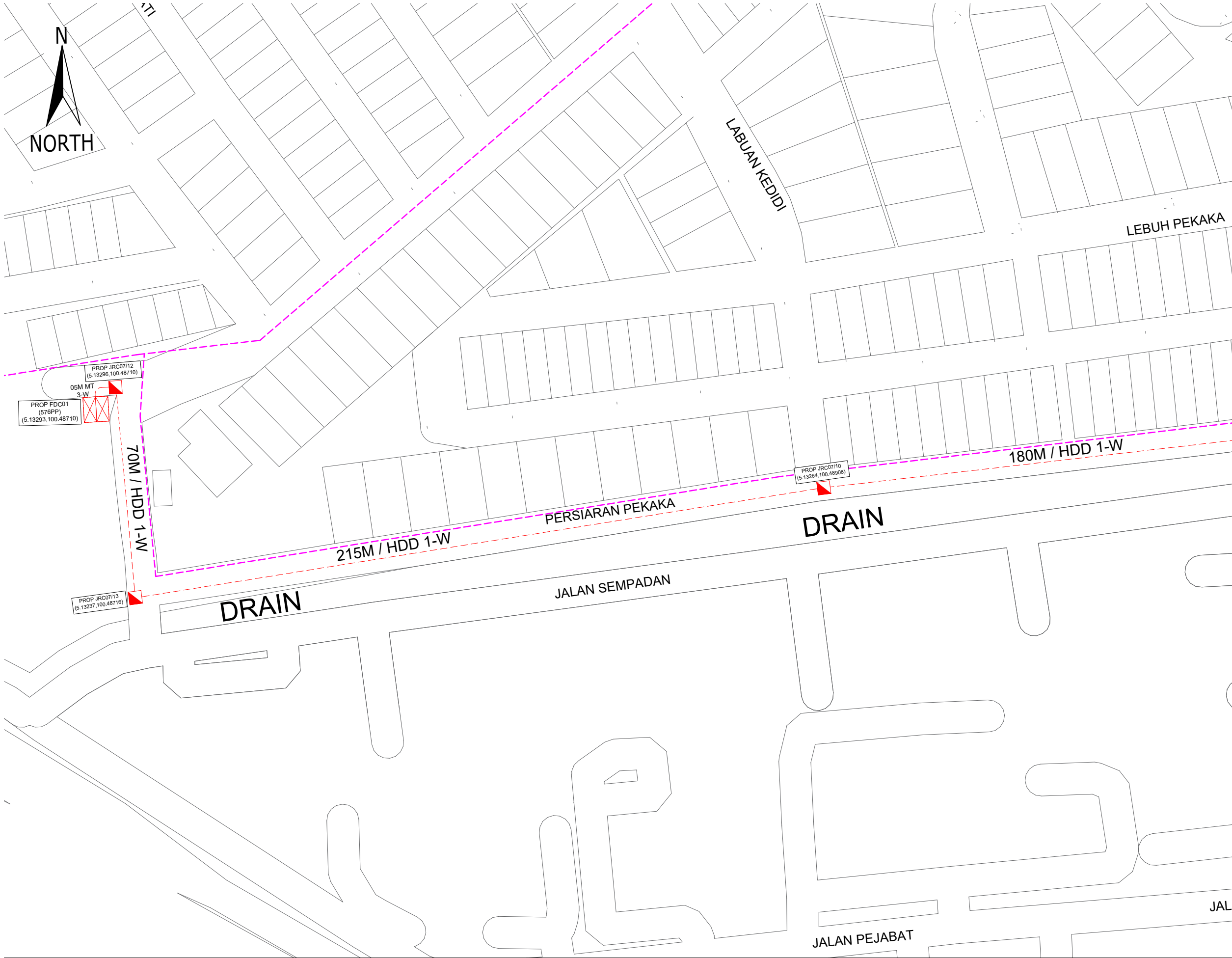
MAJLIS BANDARAYA SEBERANG PERAI (MBSP)



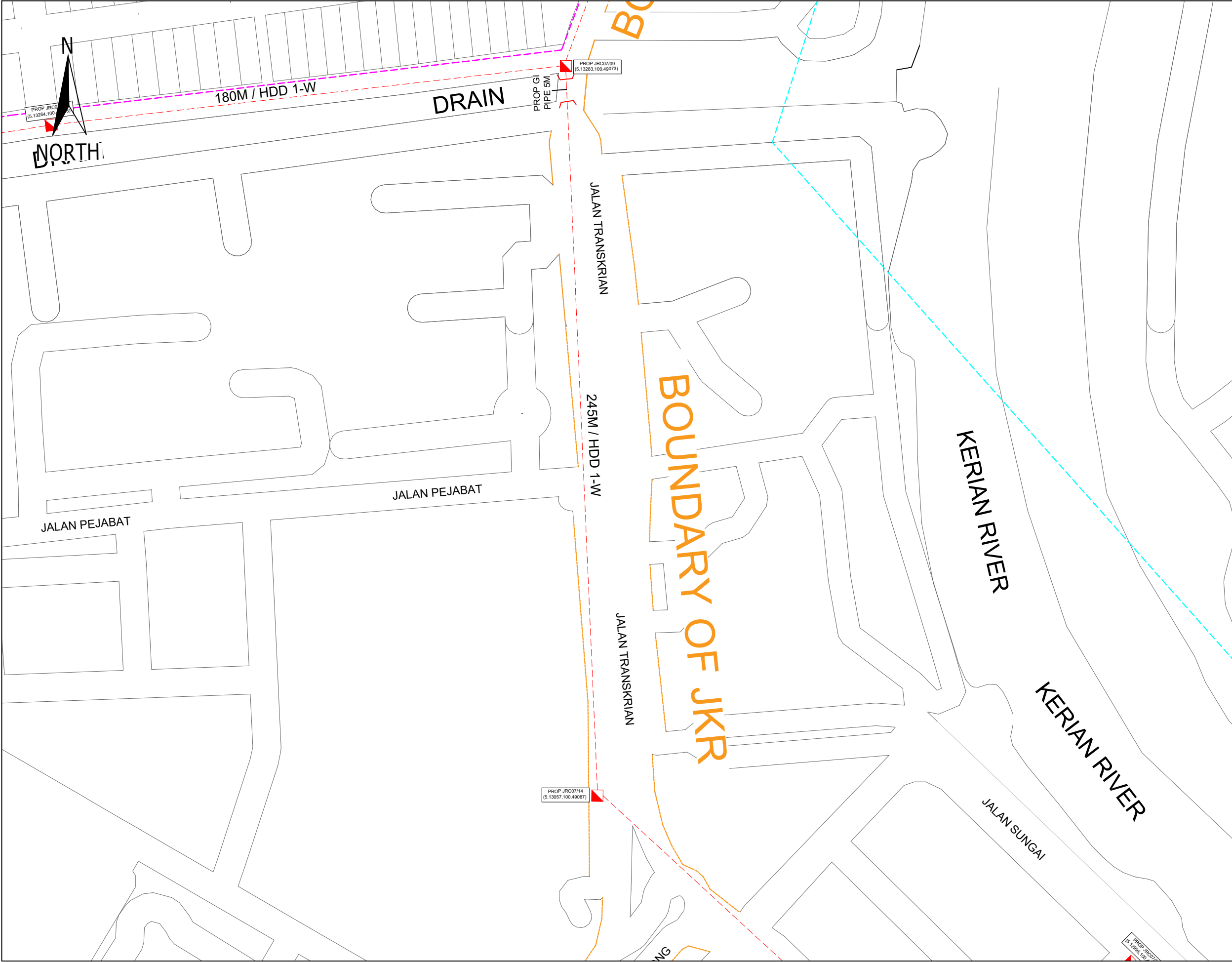
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Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 88 PENANG"
DWG ID.	OSP2 CIVIL C1PN-SA-15 TAMAN SEMPADAN
Revision No.	-
Date	31.05.2024
Sheet	-
Summary Note	
Total HP/PP	FDC01 : 416 FDC02 : 458 FDC03 : 462
Total FDC	03
Total FDP	-
Total Propose Joint	03
Total Propose MH	10
Total Propose Poles	-
Total Prop UG Cable (m)	1631
Total Prop OH Cable (m)	-
Legends	
Propose FDC / FDF	
Existing FDC / FDF	
Propose FDP	
Existing FDP	
Propose Manhole	
Existing Manhole	
Propose Pit / Handhole	
Existing Pit / Handhole	
Propose G.i / Duct Riser	
Existing G.i / Duct Riser	
Propose Pole	
Existing Pole	
Propose Closure/Joint	
Existing UG Duct Way	
Propose UG Trenching	
Existing Aerial Cable	
Propose Aerial Cable	
FDC Boundary	
FDP Boundary	
JKR Boundary	
Local Council Boundary	
Design By	ACE HOUSES
Maxis Broadband Sdn. Bhd.	
Checked By	
Checked Date	
Approved / Rejected By	
Approved / Rejected Date	



OSP2 CIVIL Design		
Site Name	C1PN-SA-15 TAMAN SEMPADAN	
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 8B PENANG"	
DWG ID.	OSP2 CIVIL C1PN-SA-15 TAMAN SEMPADAN	
Revision No.	-	
Date	31.05.2024	
Sheet	-	
Summary Note		
Total HP/PP	FDC01 : 416 FDC03 : 462	FDC02 : 458
Total FDC	03	
Total FDP	-	
Total Propose Joint	03	
Total Propose MH	10	
Total Propose Poles	-	
Total Prop UG Cable (m)	1631	
Total Prop OH Cable (m)	-	
Legends		
Propose FDC / FDF		
Existing FDC / FDF		
Propose FDP		
Existing FDP		
Propose Manhole		
Existing Manhole		
Propose Pit / Handhole		
Existing Pit / Handhole		
Propose G.i / Duct Riser		
Existing G.i / Duct Riser		
Propose Pole		
Existing Pole		
Propose Closure/Joint		
Existing UG Duct Way		
Propose UG Trenching		
Existing Aerial Cable		
Propose Aerial Cable		
FDC Boundary		
FDP Boundary		
JKR Boundary		
Local Council Boundary		
Design By	ACE HOUSES	
		
Maxis Broadband Sdn. Bhd.		
Checked By		
Checked Date		
Approved / Rejected By		
Approved / Rejected Date		



C1PN-SA-15 TAMAN SEMPADAN	
PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 8B PENANG"	OSP2 CIVIL C1PN-SA-15 TAMAN SEMPADAN
-	
31.05.2024	
-	
Summary Note	
Total HP/PP	FDC01 : 416 FDC02 : 458 FDC03 : 462
Total FDC	03
Total FDP	-
Total Propose Joint	03
Total Propose MH	10
Total Propose Poles	-
Total Prop UG Cable (m)	1631
Total Prop OH Cable (m)	-
Legends	
Propose FDC / FDF	
Existing FDC / FDF	
Propose FDP	
Existing FDP	
Propose Manhole	
Existing Manhole	
Propose Pit / Handhole	
Existing Pit / Handhole	
Propose G.i / Duct Riser	
Existing G.i / Duct Riser	
Propose Pole	
Existing Pole	
Propose Closure/Joint	
Existing UG Duct Way	
Propose UG Trenching	
Existing Aerial Cable	
Propose Aerial Cable	
FDC Boundary	
FDP Boundary	
JKR Boundary	
Local Council Boundary	
Design By	ACE HOUSES
maxis	
Maxis Broadband Sdn. Bhd.	
Checked By	
Checked Date	
Approved / Rejected By	
Approved / Rejected Date	



OSP2 CIVIL Design		
Site Name	C1PN-SA-15 TAMAN SEMPADAN	
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 88 PENANG"	
DWG ID.	OSP2 CIVIL C1PN-SA-15 TAMAN SEMPADAN	
Revision No.	-	
Date	31.05.2024	
Sheet	-	
Summary Note		
Total HP/PP	FDC01 : 416 FDC03 : 462	FDC02 : 458
Total FDC	03	
Total FDP	-	
Total Propose Joint	03	
Total Propose MH	10	
Total Propose Poles	-	
Total Prop UG Cable (m)	1631	
Total Prop OH Cable (m)	-	
Legends		
Propose FDC / FDF		
Existing FDC / FDF		
Propose FDP		
Existing FDP		
Propose Manhole		
Existing Manhole		
Propose Pit / Handhole		
Existing Pit / Handhole		
Propose G.i / Duct Riser		
Existing G.i / Duct Riser		
Propose Pole		
Existing Pole		
Propose Closure/Joint		
Existing UG Duct Way		
Propose UG Trenching		
Existing Aerial Cable		
Propose Aerial Cable		
FDC Boundary		
FDP Boundary		
JKR Boundary		
Local Council Boundary		
Design By	ACE HOUSES	
		
Maxis Broadband Sdn. Bhd.		
Checked By		
Checked Date		
Approved / Rejected By		
Approved / Rejected Date		



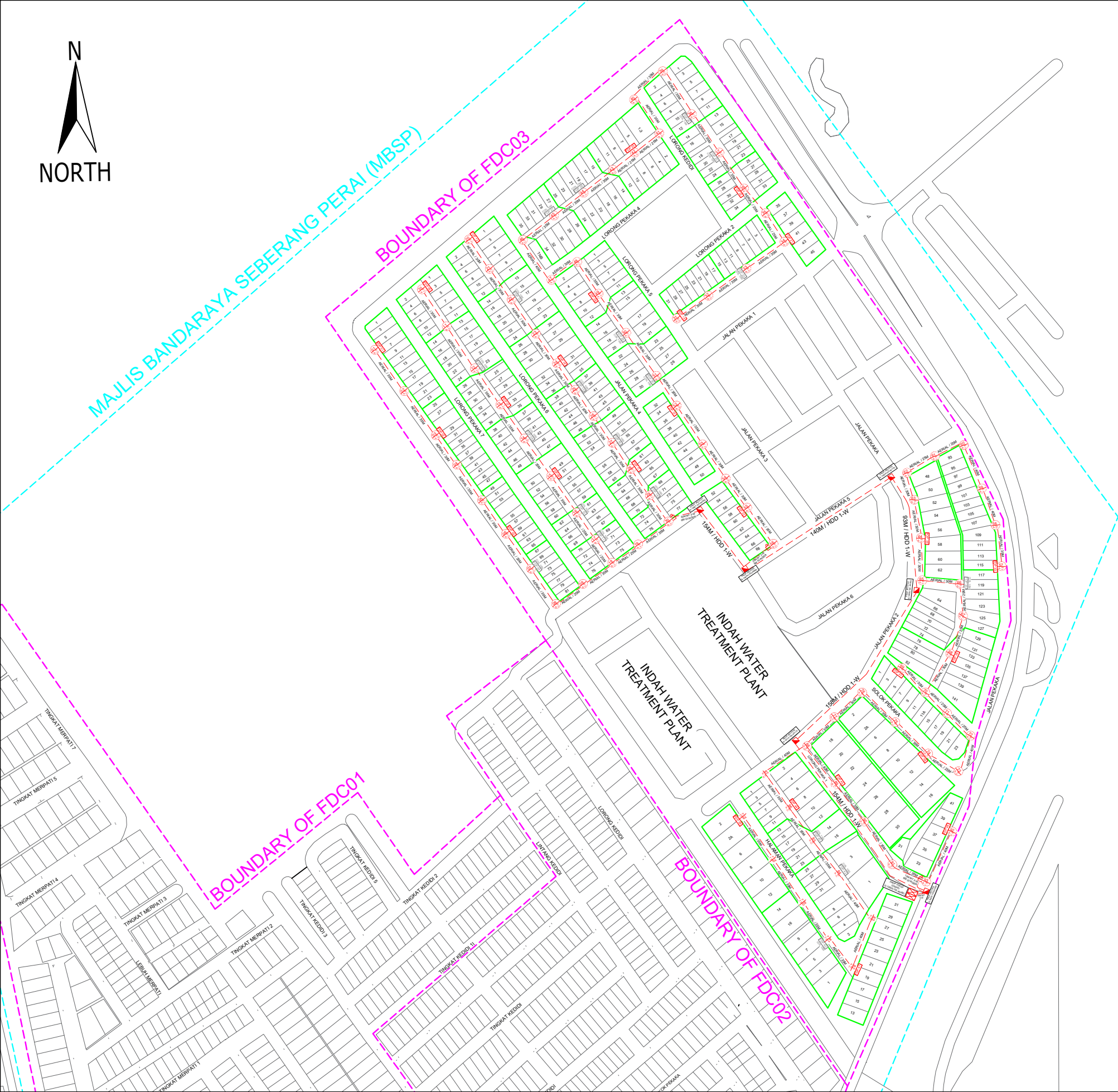
ODN CIVIL Design

Site Name	C1PN-SA-15 TAMAN SEMPADAN
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 8B PENANG"
DWG ID.	ODN CIVIL C1PN-SA-15 TAMAN SEMPADAN
Revision No.	-
Date	31.05.2024
Sheet	-

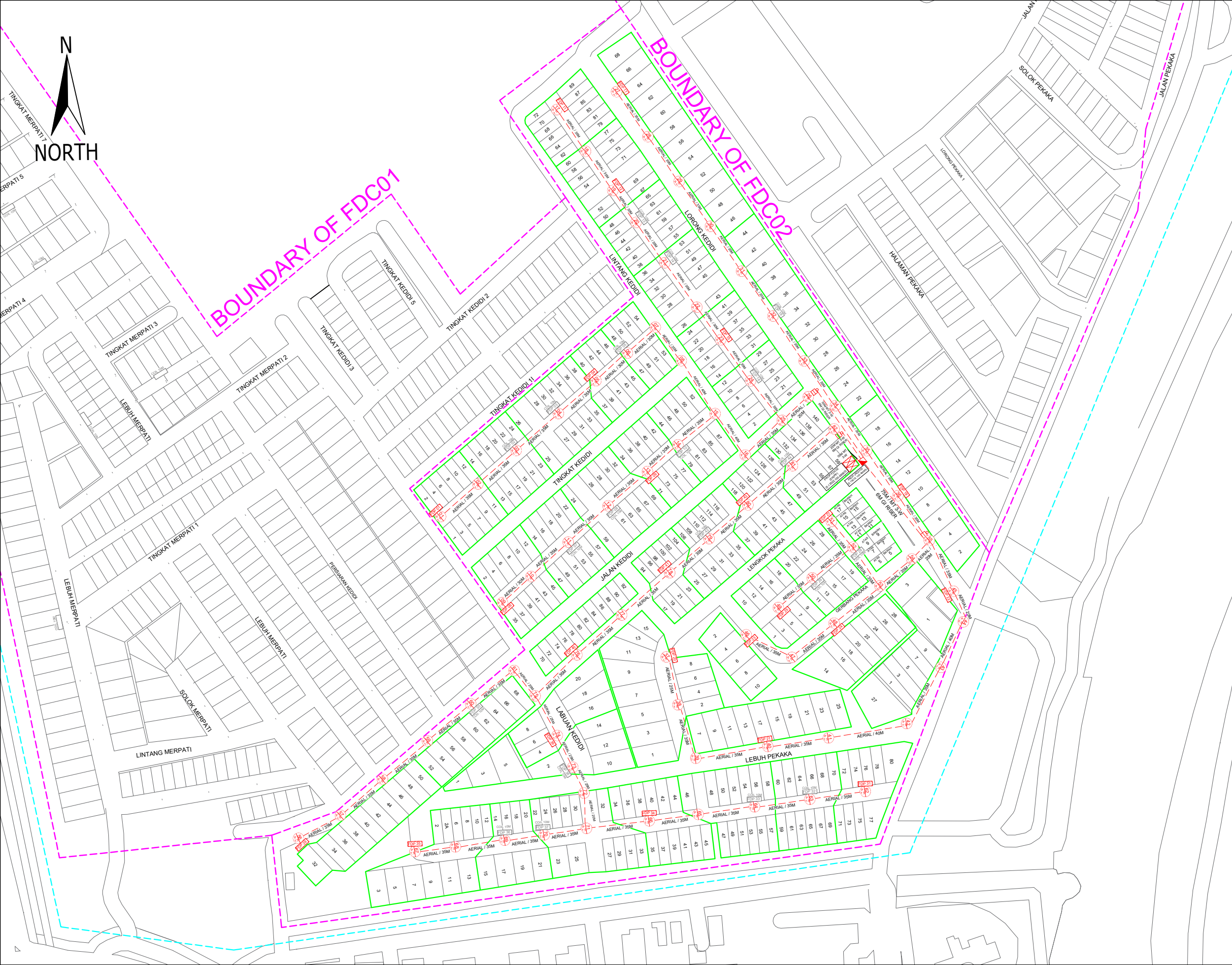
Summary Note		
Total HP/PP	FDC01 : 416 FDC03 : 462	FDC02 : 458
Total FDC	03	
Total FDP	FDC01 :23 PROP,19 SPARE FDC02 :24 PROP,20 SPARE FDC03 :26 PROP,20 SPARE	
Total Propose Joint	FDC01 : 11 FDC03 : 07	FDC02 : 08
Total Propose MH	FDC01:01, FDC02:-, FDC03:05	
Total Propose Poles	FDC01:7.5M:69.09M:16 FDC02:7.5M:87.09M:15 FDC03:7.5M:79.09M:14	
Total Prop UG Cable (m)	FDC01:340 FDC03:1366	FDC02:230
Total Prop OH Cable (m)	FDC01:3190 FDC03:3543	FDC02:2791

Legends		
Propose FDC / FDF		
Existing FDC / FDF		
Propose FDP		
Existing FDP		
Propose Manhole		
Existing Manhole		
Propose Pit / Handhole		
Existing Pit / Handhole		
Propose G.i / Duct Riser		
Existing G.i / Duct Riser		
Propose Pole		
Existing Pole		
Propose Closure/Joint		
Existing UG Duct Way		
Propose UG Trenching		
Existing Aerial Cable		
Propose Aerial Cable		
FDC Boundary		
FDP Boundary		
JKR Boundary		
Local Council Boundary		

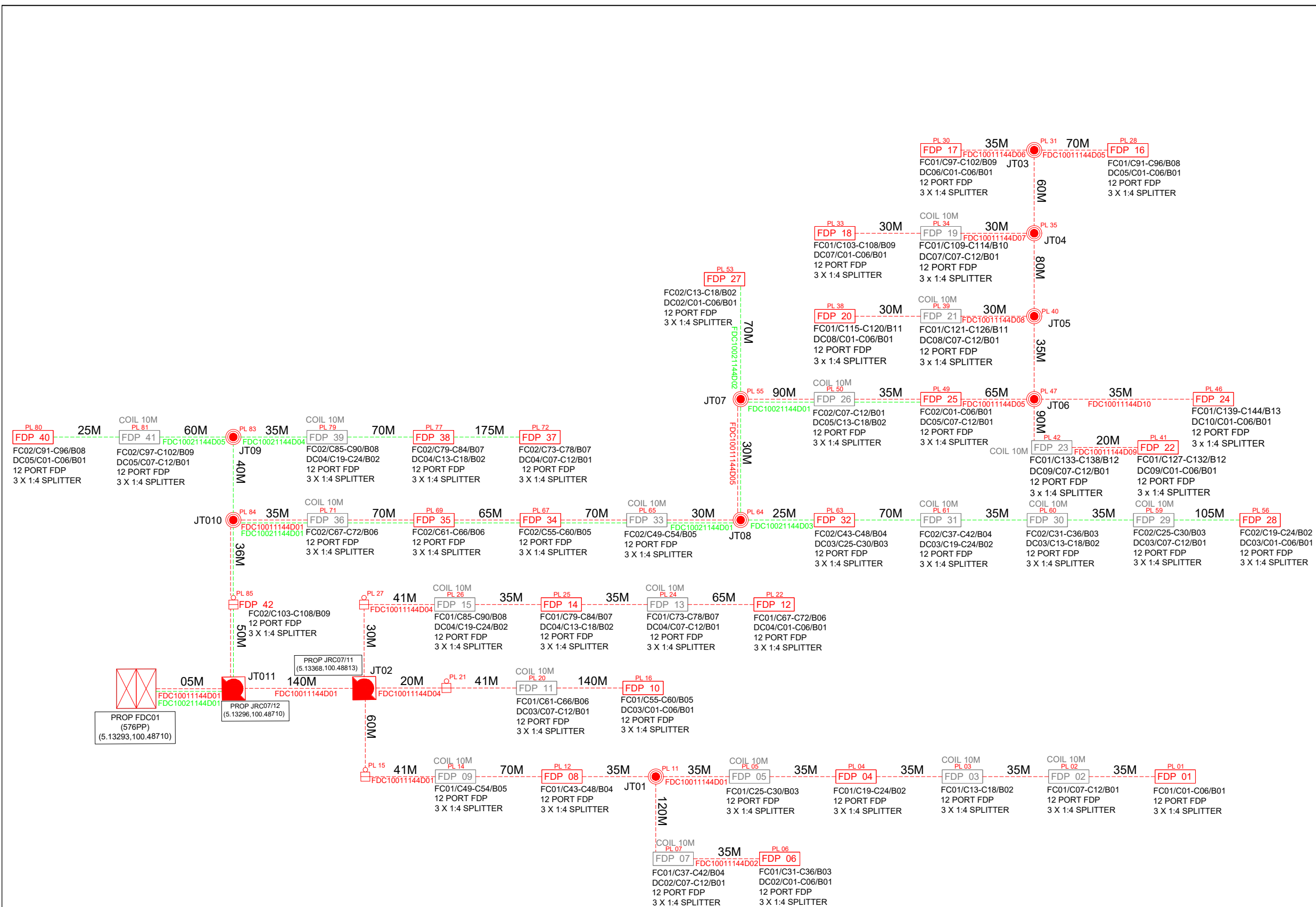
Design By	ACE HOUSES
	
Maxis Broadband Sdn. Bhd.	
Checked By	
Checked Date	
Approved / Rejected By	
Approved / Rejected Date	

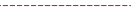
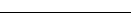


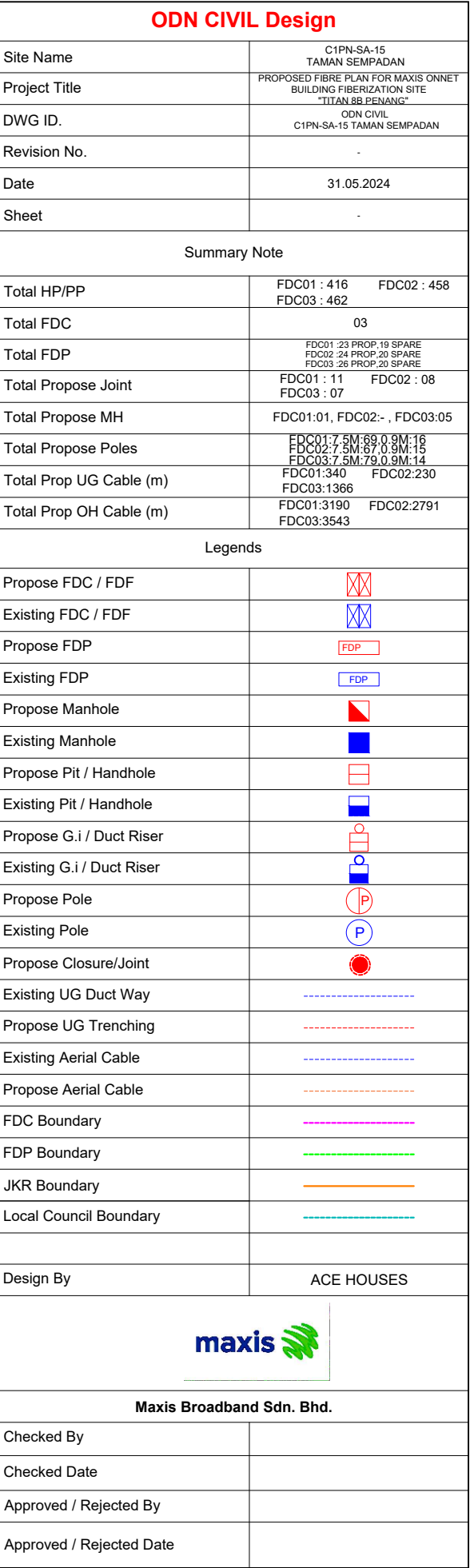
ODN CIVIL Design	
Site Name	C1PN-SA-15 TAMAN SEMPADAN
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 88 PENANG"
DWG ID.	ODN CIVIL C1PN-SA-15 TAMAN SEMPADAN
Revision No.	-
Date	31.05.2024
Sheet	-
Summary Note	
Total HP/PP	FDC01 : 416 FDC02 : 458 FDC03 : 462
Total FDC	03
Total FDP	FDC01 : 23 PROP. 19 SPARE FDC02 : 24 PROP. 20 SPARE FDC03 : 26 PROP. 20 SPARE
Total Propose Joint	FDC01 : 11 FDC02 : 08 FDC03 : 07
Total Propose MH	FDC01:01, FDC02:-, FDC03:05
Total Propose Poles	FDC01:7.5M:69.0.9M:16 FDC02:7.5M:67.0.9M:15 FDC03:7.5M:79.0.9M:14
Total Prop UG Cable (m)	FDC01:340 FDC02:230 FDC03:1366
Total Prop OH Cable (m)	FDC01:3190 FDC02:2791 FDC03:3543
Legends	
Propose FDC / FDF	
Existing FDC / FDF	
Propose FDP	
Existing FDP	
Propose Manhole	
Existing Manhole	
Propose Pit / Handhole	
Existing Pit / Handhole	
Propose G.i / Duct Riser	
Existing G.i / Duct Riser	
Propose Pole	
Existing Pole	
Propose Closure/Joint	
Existing UG Duct Way	
Propose UG Trenching	
Existing Aerial Cable	
Propose Aerial Cable	
FDC Boundary	
FDP Boundary	
JKR Boundary	
Local Council Boundary	
Design By	ACE HOUSES
Maxis Broadband Sdn. Bhd.	
Checked By	
Checked Date	
Approved / Rejected By	
Approved / Rejected Date	

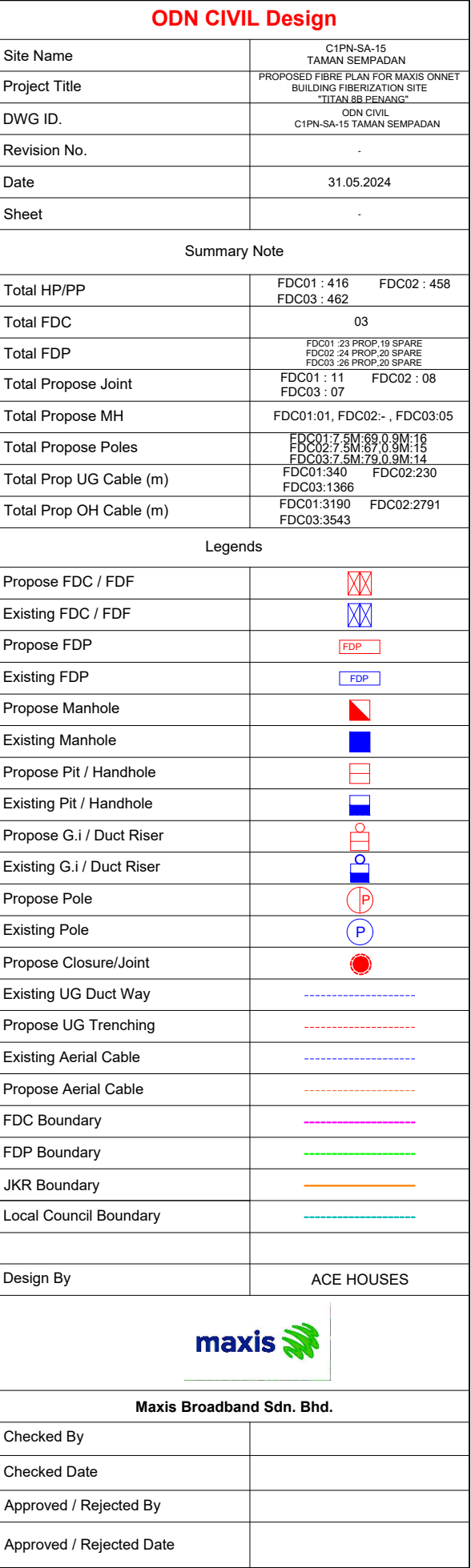


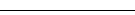
ODN CIVIL Design	
Site Name	C1PN-SA-15 TAMAN SEMPADAN
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 88 PENANG"
DWG ID.	ODN CIVIL C1PN-SA-15 TAMAN SEMPADAN
Revision No.	-
Date	31.05.2024
Sheet	-
Summary Note	
Total HP/PP	FDC01 : 416 FDC02 : 458 FDC03 : 462
Total FDC	03
Total FDP	FDC01 : 23 PROP, 19 SPARE FDC02 : 24 PROP, 20 SPARE FDC03 : 26 PROP, 20 SPARE
Total Propose Joint	FDC01 : 11 FDC02 : 08 FDC03 : 07
Total Propose MH	FDC01:01, FDC02:-, FDC03:05
Total Propose Poles	FDC01:7.5M:69.0.9M:16 FDC02:7.5M:67.0.9M:15 FDC03:7.5M:79.0.9M:14
Total Prop UG Cable (m)	FDC01:340 FDC02:230 FDC03:1366
Total Prop OH Cable (m)	FDC01:3190 FDC02:2791 FDC03:3543
Legends	
Propose FDC / FDF	
Existing FDC / FDF	
Propose FDP	
Existing FDP	
Propose Manhole	
Existing Manhole	
Propose Pit / Handhole	
Existing Pit / Handhole	
Propose G.i / Duct Riser	
Existing G.i / Duct Riser	
Propose Pole	
Existing Pole	
Propose Closure/Joint	
Existing UG Duct Way	
Propose UG Trenching	
Existing Aerial Cable	
Propose Aerial Cable	
FDC Boundary	
FDP Boundary	
JKR Boundary	
Local Council Boundary	
Design By	ACE HOUSES
Maxis Broadband Sdn. Bhd.	
Checked By	
Checked Date	
Approved / Rejected By	
Approved / Rejected Date	



ODN CIVIL Design		
Site Name	C1PN-SA-15 TAMAN SEMPADAN	
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 8B PENANG"	
DWG ID.	ODN CIVIL C1PN-SA-15 TAMAN SEMPADAN	
Revision No.	-	
Date	31.05.2024	
Sheet	-	
Summary Note		
Total HP/PP	FDC01 : 416 FDC03 : 462	FDC02 : 458
Total FDC	03	
Total FDP	FDC01 : 23 PROP.19 SPARE FDC02 : 24 PROP.20 SPARE FDC03 : 26 PROP.20 SPARE	
Total Propose Joint	FDC01 : 11 FDC03 : 07	FDC02 : 08
Total Propose MH	FDC01:01, FDC02:- , FDC03:05	
Total Propose Poles	FDC01:7.5M:69.09M:16 FDC02:7.5M:67.09M:15 FDC03:7.5M:79.09M:14	
Total Prop UG Cable (m)	FDC01:340 FDC03:1366	FDC02:230
Total Prop OH Cable (m)	FDC01:3190 FDC03:3543	FDC02:2791
Legends		
Propose FDC / FDF		
Existing FDC / FDF		
Propose FDP		
Existing FDP		
Propose Manhole		
Existing Manhole		
Propose Pit / Handhole		
Existing Pit / Handhole		
Propose G.i / Duct Riser		
Existing G.i / Duct Riser		
Propose Pole		
Existing Pole		
Propose Closure/Joint		
Existing UG Duct Way		
Propose UG Trenching		
Existing Aerial Cable		
Propose Aerial Cable		
FDC Boundary		
FDP Boundary		
JKR Boundary		
Local Council Boundary		
Design By	ACE HOUSES	
 		
Maxis Broadband Sdn. Bhd.		
Checked By		
Checked Date		
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Approved / Rejected Date		





ODN CIVIL Design		
Site Name	C1PN-SA-15 TAMAN SEMPADAN	
Project Title	PROPOSED FIBRE PLAN FOR MAXIS ONNET BUILDING FIBERIZATION SITE "TITAN 88 PENANG"	
DWG ID.	ODN CIVIL C1PN-SA-15 TAMAN SEMPADAN	
Revision No.	-	
Date	31.05.2024	
Sheet	-	
Summary Note		
Total HP/PP	FDC01 : 416 FDC03 : 462	FDC02 : 458
Total FDC	03	
Total FDP	FDC01 :23 PROP.19 SPARE FDC02 :24 PROP.20 SPARE FDC03 :26 PROP.20 SPARE	
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Total Propose Poles	FDC01:7.5M:69.0.9M:16 FDC02:7.5M:67.0.9M:15 FDC03:7.5M:79.0.9M:14	
Total Prop UG Cable (m)	FDC01:340 FDC03:1366	FDC02:230
Total Prop OH Cable (m)	FDC01:3190 FDC03:3543	FDC02:2791
Legends		
Propose FDC / FDF		
Existing FDC / FDF		
Propose FDP		
Existing FDP		
Propose Manhole		
Existing Manhole		
Propose Pit / Handhole		
Existing Pit / Handhole		
Propose G.i / Duct Riser		
Existing G.i / Duct Riser		
Propose Pole		
Existing Pole		
Propose Closure/Joint		
Existing UG Duct Way		
Propose UG Trenching		
Existing Aerial Cable		
Propose Aerial Cable		
FDC Boundary		
FDP Boundary		
JKR Boundary		
Local Council Boundary		
Design By	ACE HOUSES	
		
Maxis Broadband Sdn. Bhd.		
Checked By		
Checked Date		
Approved / Rejected By		
Approved / Rejected Date		