

# TECHNICAL PROPOSAL

## POP2 ABA 6033 SEKOLAH KEBANGSAAN HAJI WAN JAAFAR (D-SIDE)

**Company Name** : Proserins Technology SDN BHD  
**Company Address** : 1001, Jalan Masjid, Taman Aulong Lama, 34000 Taiping, Perak  
**Prepared By** : Suzzila binti Halim  
**Date** : 13/08/2024



### Starting Point

**Site / Boundary Name** : Ijok  
**Address** : SK Haji Wan Jaafar, Kampung Masjid  
**District** : Taiping  
**Postcode** : 34510  
**State** : Perak  
**GPS Coordinate** : 5.13283415N, 100.83297079E  
**LRD** : A

### End Point

**Site / Boundary Name** : Ijok  
**Address** : 10, A113, Kampung Masjid  
**District** : Taiping  
**Postcode** : 34510  
**State** : Perak  
**GPS Coordinate** : 5.12623256N, 100.83428287E  
**LRD** : B



CONTRACT FOR THE PROVISION OF SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE – POP 2 PROJECT (D-SIDE) PMU KMTG FOR ABA 6033 SK HAJI WAN JAAFAR



### 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	0
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2950
2	Install New Pole	ea	18
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	16
6	Estimated Time Required for Completion	days	30



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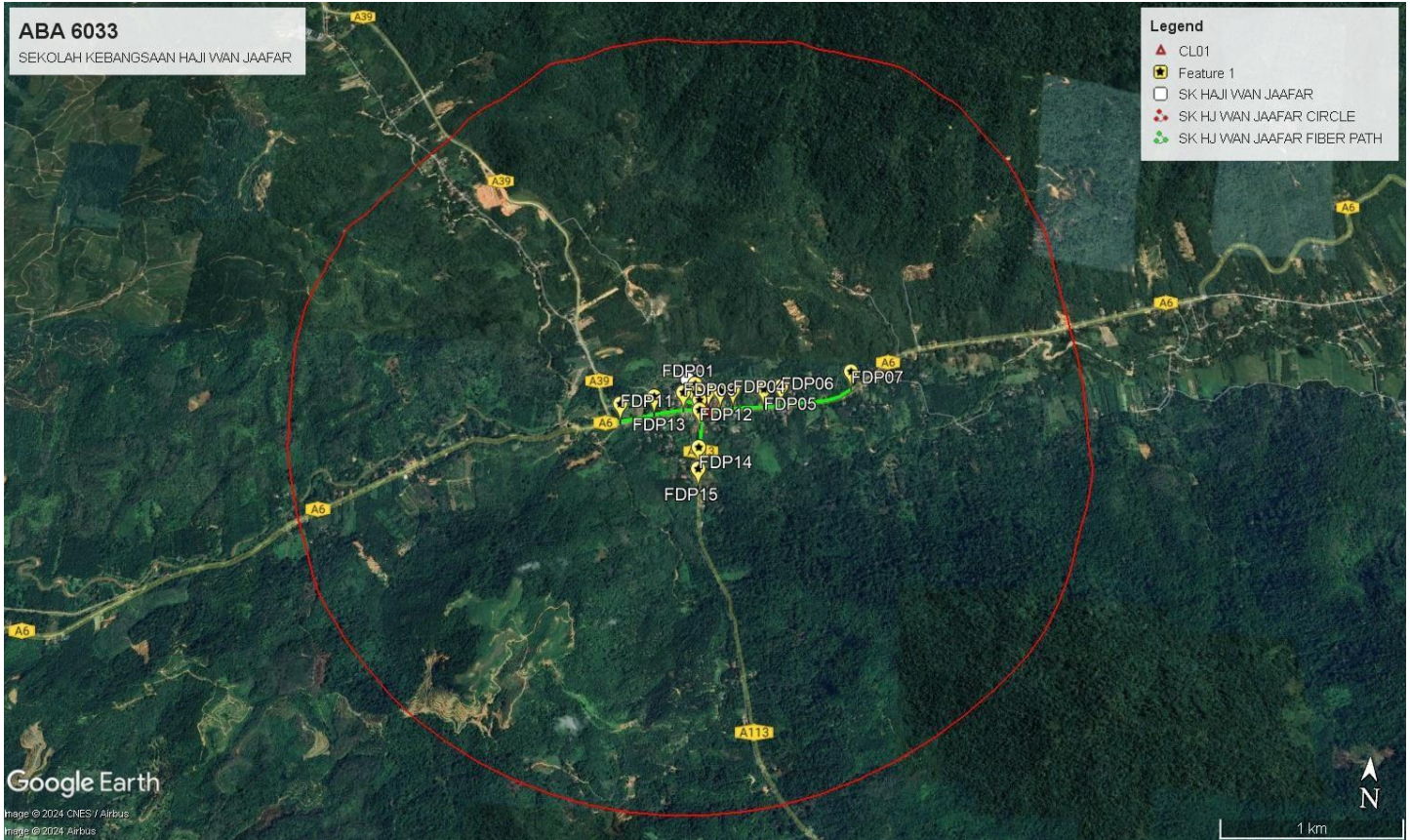
## 2.0 LOCAL AUTHORITY SUMMARY

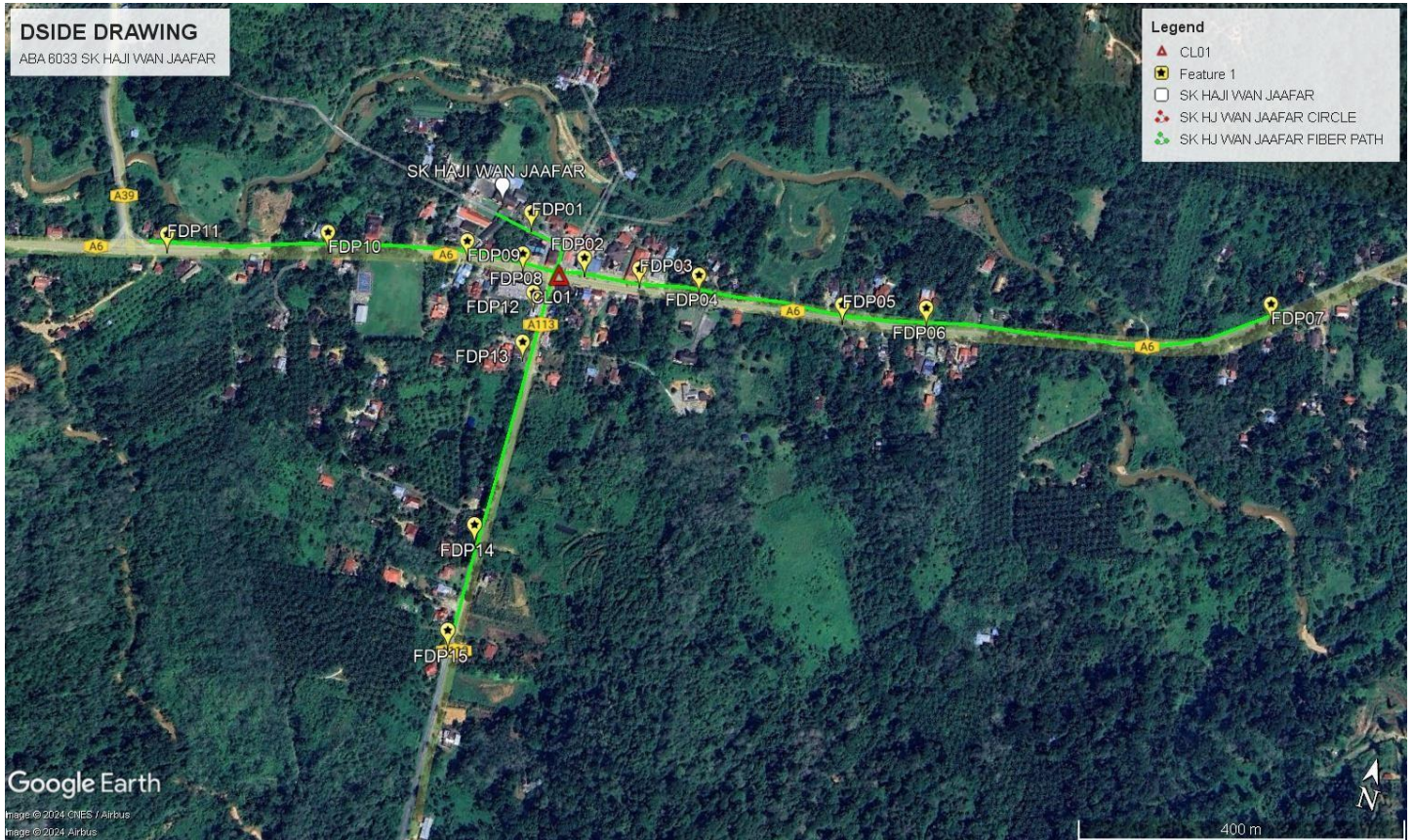
Daerah Larut, Matang & Selama

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	17	510
		Majlis		
		Estate / Private Land		
<b>Total Distance (m)</b>				<b>510</b>

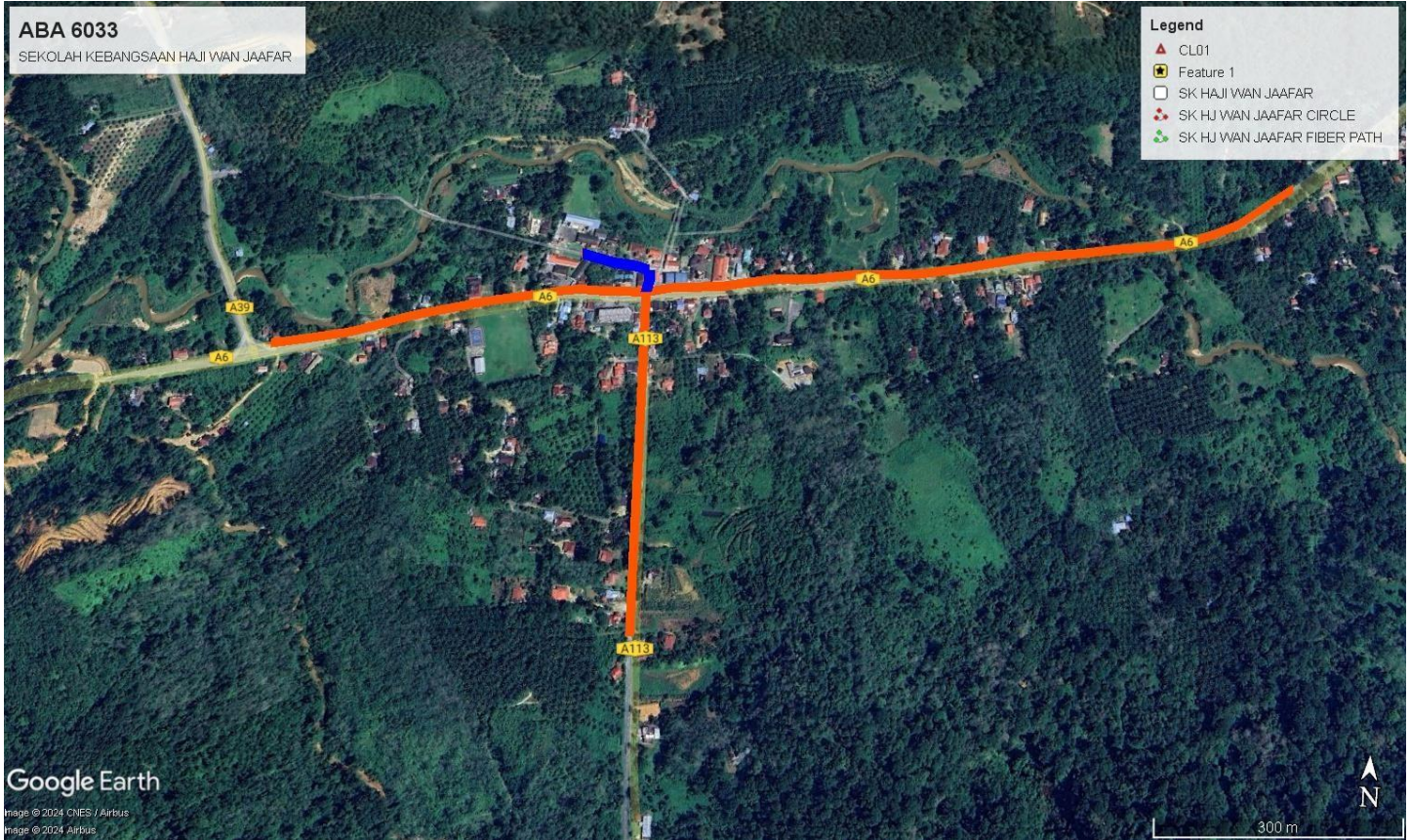
### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area





### 3.2 Site Plan - KMZ Routing (All Local Authority)



**Red Colour - JKR Road**

**Blue Colour - Majlis Road**

#### 4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T000	30	5.133352	100.833811	Majlis Perbandaran Taiping
2	T001	25	5.132768	100.833718	JKR Daerah LMS Taiping
3	T002	35	5.132767	100.833364	JKR Daerah LMS Taiping
4	T003	41	5.132428	100.831375	JKR Daerah LMS Taiping
5	T004	39	5.132004	100.830327	JKR Daerah LMS Taiping
6	T005	24	5.1318775	100.829591	JKR Daerah LMS Taiping
7	T006	5	5.132837	100.834308	JKR Daerah LMS Taiping
8	T007	39	5.132964	100.835359	JKR Daerah LMS Taiping
9	T008	39	5.133105	100.836250	JKR Daerah LMS Taiping
10	T009	35	5.133282	100.837709	JKR Daerah LMS Taiping
11	T010	34	5.133479	100.838922	JKR Daerah LMS Taiping
12	T011	39	5.135119	100.842975	JKR Daerah LMS Taiping
13	T012	46	5.132281	100.83399	JKR Daerah LMS Taiping
14	T013	5	5.129882	100.839126	JKR Daerah LMS Taiping
15	T014	10	5.127801	100.834153	JKR Daerah LMS Taiping
16	T015	10	5.126223	100.834192	JKR Daerah LMS Taiping
17	T016	26	5.130201	100.834103	JKR Daerah LMS Taiping
18	T017	26	5.1302331	100.83400256	JKR Daerah LMS Taiping

**5.0 SITE PHOTOS - PROPOSED NEW POLE**





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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Taiping	132m
2	JKR Daerah LMS Taiping	1818m



LEGEND	NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.			
	12C FOC	NA	Installed 1:4 splitter in FDC	NA		Installed Pole (9m)	NA		New Manhole(JRC7)	NA		Tension Small / Tension Big	NA		MH NO.	NA		
	24C FOC	2,160	FDP with (1:8) splitter	15		Installed Riser	NA		House Number	NA		Existing Manhole	NA		Existing TNB Pole NO.	75		
	48C FOC	NA		Closure	1		Suspension Big	NA		Existing TNB Pole	75		Closure NO.	01		New Pole NO.	NA	
	96C FOC	NA		New Manhole (PIT)	NA		Suspension Small	NA		LOOP	NA		FDP NO.	15		SEE A-A in this page		SEE SHEET XXX
	Routing	2,160		Installed Pole (7.5M)	NA		FDC	1		FDP Boundary	NA		FDC NO.	1				

KEY PLAN :

PROJECT OWNER :

MAIN CONTRACTOR

SUB-CONTRACTOR :

PROJECT TITLE:

DRAWING TITLE:

Design By : IQBAL&HARRIS Date : 24.08.2023

Drawn By : AZ Scale : 1:2400

Checked By : IQBAL&HARRIS Job Number : 3003-A23

DRAWING NUMBER : 10 Sheet : 10/17

PROJECT PHASE: DESIGN PHASE

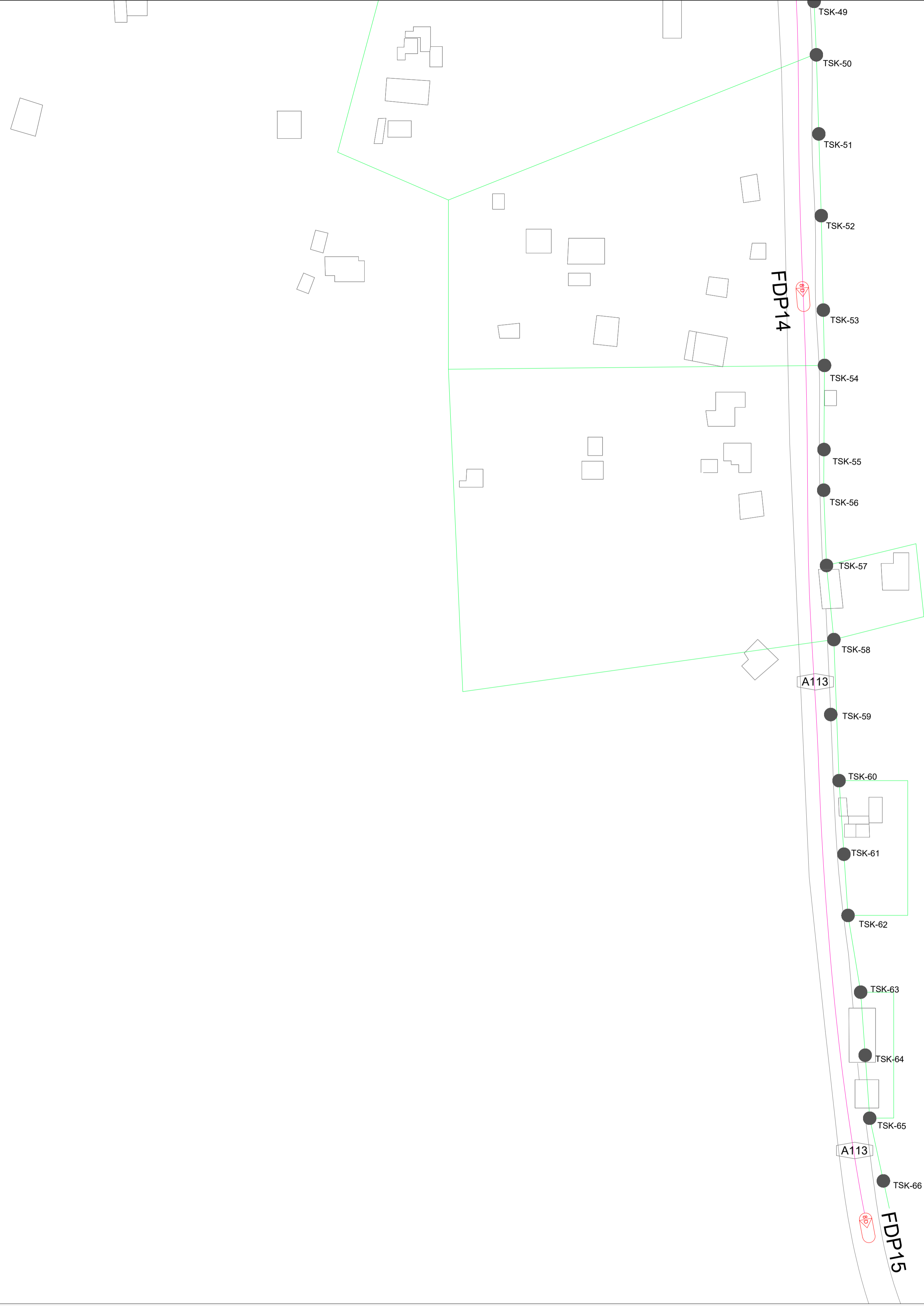
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TECHNICAL PROPOSAL FOR BATU KURAU

SK HAJI WAN JAAFAR BATU KURAU (OVERALL VIEW)

1:5000



LEGEND	NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		
	12C FOC	NA	Installed 1:4 splitter in FDC	NA		Installed Pole (9m)	NA		New Manhole(JRC7)	NA		Tension Small / Tension Big	NA		MH NO.	NA	
	24C FOC	2.160		FDP with (1:8) splitter	15		Installed Riser	NA		House Number	NA		Existing Manhole	NA		Existing TNB Pole NO.	75
	48C FOC	NA		Closure	1		Suspension Big	NA		Existing TNB Pole	75		Closure NO.	01		New Pole NO.	NA
	96C FOC	NA		New Manhole (PIT)	NA		Suspension Small	NA		LOOP	NA		FDP NO.	15		SEE A-A in this page	NA
	Routing	2.160		Installed Pole (7.5M)	NA		FDC	NA		FDP Boundary	1		FDC NO.	1		SEE SHEET XXX	NA

KEY PLAN :

PROJECT OWNER :



MAIN CONTRACTOR



SUB-CONTRACTOR :



PROJECT TITLE:

TECHNICAL PROPOSAL FOR BATU KURAU

DRAWING TITLE:

SK HAJI WAN JAAFAR BATU KURAU (CLOSE-UP VIEW 1)

Design By : IQBAL&HARRIS Date : 24.08.2023

Drawn By : AZ Scale : 1:1300

Checked By : IQBAL&HARRIS Job Number : 3003-A23

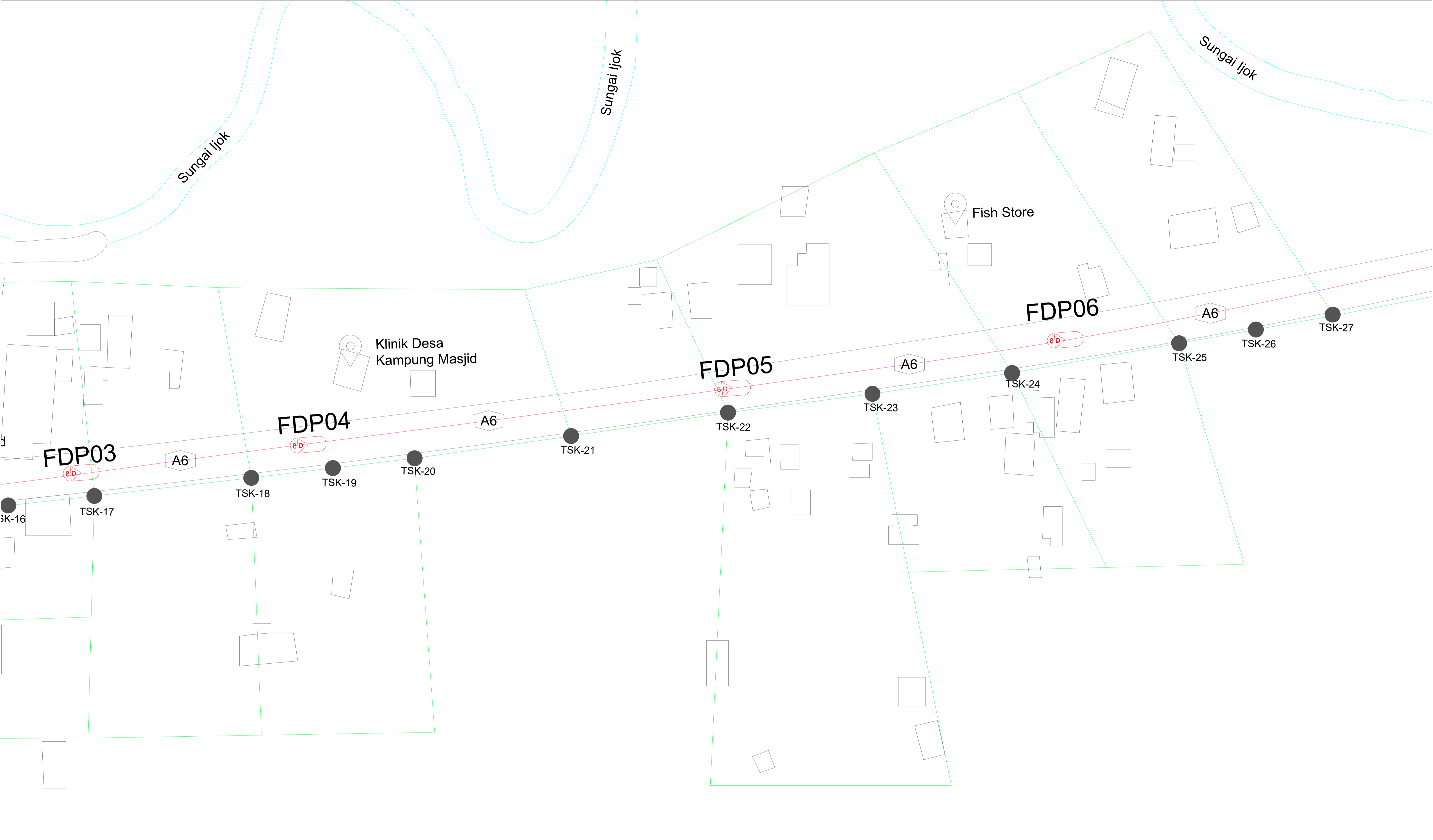
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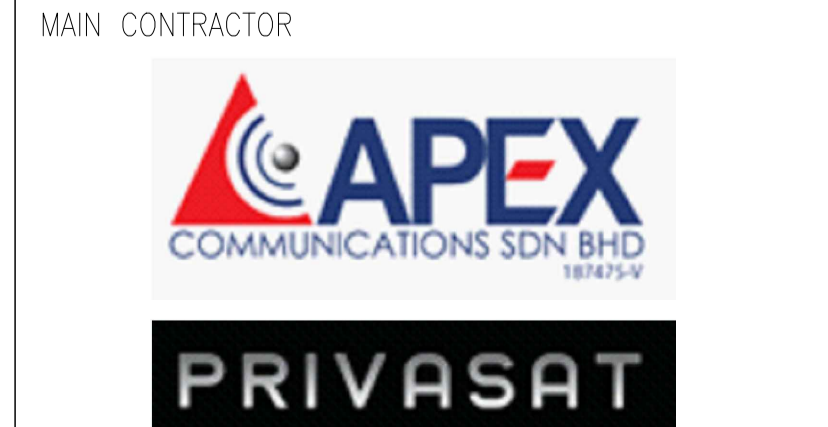
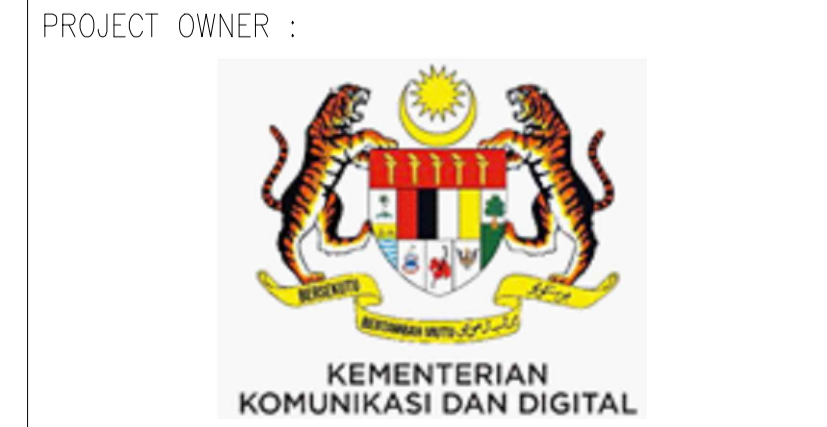
DESIGN PHASE





<b>LEGEND</b>	NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		
	12C FOC	NA	Installed 1:4 splitter in FDC	NA		Installed Pole (9m)	NA		New Manhole(JRC7)	NA		Tension Small / Tension Big	NA		MH NO.	NA					
	24C FOC	2.160		FDP with (1:8) splitter	15		Installed Riser	NA		House Number	NA		Existing Manhole	NA		Existing TNB Pole NO.	75				
	48C FOC	NA		Closure	1		Suspension Big	NA		Existing TNB Pole	75		Closure NO.	01		New Pole NO.	NA				
	96C FOC	NA		New Manhole (PIT)	NA		Suspension Small	NA		LOOP	NA		FDP NO.	15		SEE A-A in this page	NA				
	Routing	2.160		Installed Pole (7.5M)	NA		FDC	NA		FDP Boundary	1		SEE SHEET XXX	NA							

KEY PLAN :

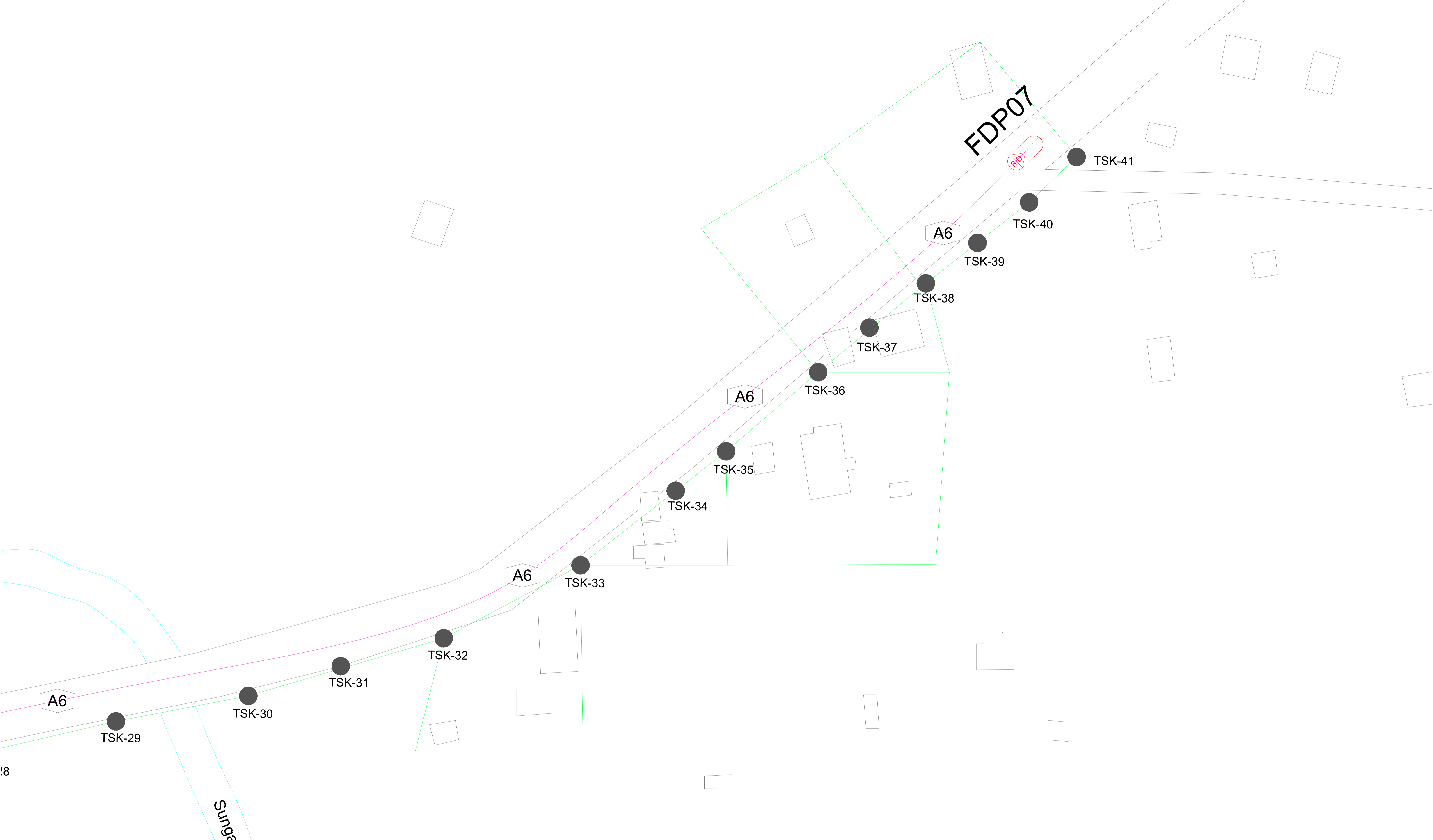


MAIN CONTRACTOR :  
 ALLO TECHNOLOGY SDN BHD  
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SUB-CONTRACTOR :  
 PROJECT TITLE:  
**TECHNICAL PROPOSAL FOR BATU KURAU**

DRAWING TITLE:  
**SK HAJI WAN JAAFAR BATU KURAU (CLOSE-UP VIEW 3)**  
 PROJECT PHASE:  
**DESIGN PHASE**


Design By : IQBAL&HARRIS	Date : 24.08.2023
Drawn By : AZ	Scale : 1:700
Checked By : IQBAL&HARRIS	Job Number : 3003-A23
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<b>LEGEND</b>	NOS.	Installed 1:4 splitter in FDC	NOS.	Installed Pole (9m)	NOS.	New Manhole(JRC7)	NOS.	TS / TB Tension Small / Tension Big	NOS.	MH1 MH NO.	NOS.
12C FOC	NA	Installed 1:4 splitter in FDC	NA	Installed Pole (9m)	NA	# House Number	NA	Existing Manhole	NA	TKS-1 Existing TNB Pole NO.	75
24C FOC	2.160	FDP with (1:8) splitter	15	Installed Riser	NA	Existing TNB Pole	75	C01 Closure NO.	01	P001 New Pole NO.	NA
48C FOC	NA	Closure	1	Suspension Big	NA	LOOP	NA	FDP1 FDP NO.	15	SEE A-A in this page	NA
96C FOC	NA	New Manhole (PIT)	NA	Suspension Small	NA	FDP Boundary	1	FDC FDC NO.	1	SEE SHEET XXX	NA
Routing	2.160	Installed Pole (7.5M)	NA	FDC	NA						


KEY PLAN :

PROJECT OWNER :




KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



allo!  
The Smarter Connection

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PROJECT TITLE:

**TECHNICAL PROPOSAL FOR BATU KURAU**

DRAWING TITLE:

**SK HAJI WAN JAAFAR BATU KURAU (CLOSE-UP VIEW 4)**

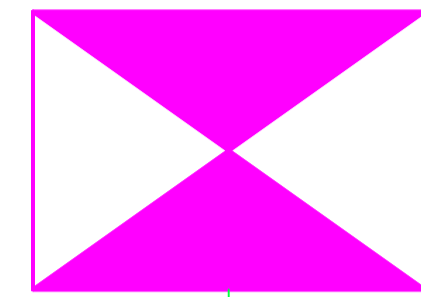
PROJECT PHASE:

**DESIGN PHASE**

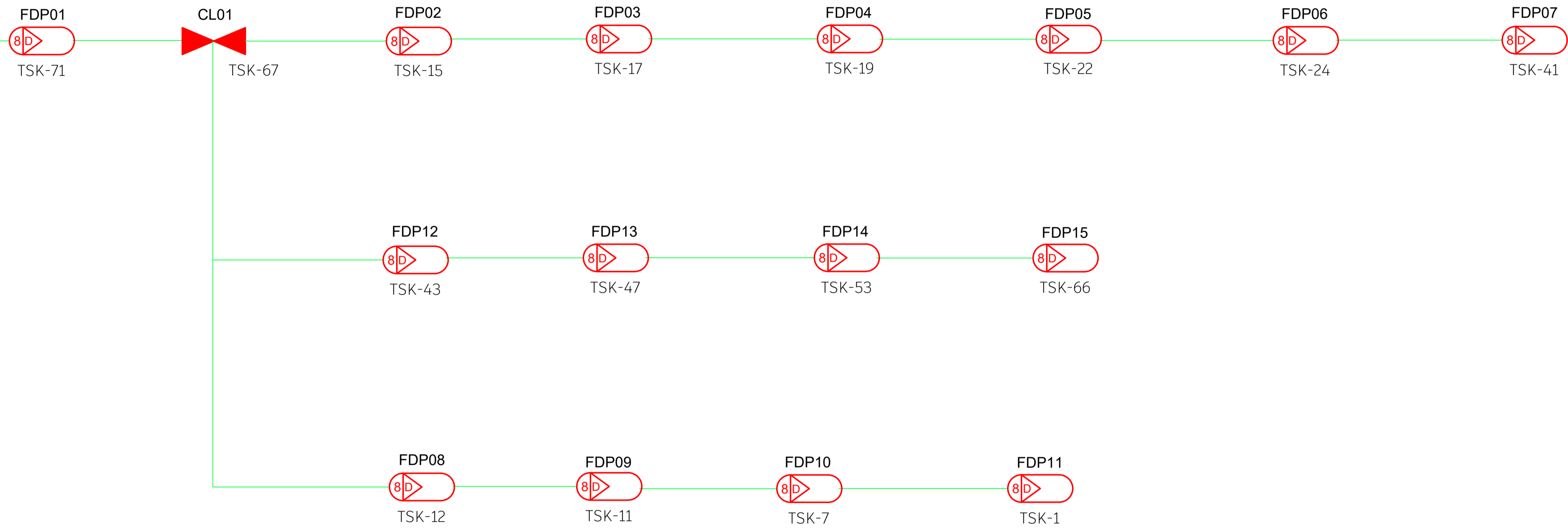
Design By : IQBAL&HARRIS	Date : 24.08.2023
Drawn By : AZ	Scale : 1:600
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1:5000

FDC01



TSK-75



LEGEND	NOS.		NOS.		NOS.		NOS.		NOS.		NOS.		NOS.				
	12C FOC	NA	Installed 1:4 splitter in FDC	NA		Installed Pole (9m)	NA		New Manhole(JRC7)	NA		Tension Small / Tension Big	NA		MH NO.	NA	
	24C FOC	2,160		FDP with (1:8) splitter	15		Installed Riser	NA	#	House Number	NA		Existing Manhole	NA	TKS-1	Existing TNB Pole NO.	75
	48C FOC	NA		Closure	1		Suspension Big	NA		Existing TNB Pole	75		Closure NO.	01		New Pole NO.	NA
	96C FOC	NA		New Manhole (PIT)	NA		Suspension Small	NA		LOOP	NA		FDP NO.	15		SEE A-A in this page	NA
	Routing	2,160		Installed Pole (7.5M)	NA		FDC	NA		LOOP	NA		FDP NO.	1		SEE SHEET X/XX	NA
				Installed Pole (7.5M)	NA		FDC	NA		LOOP	NA		FDP NO.	1		SEE SHEET X/XX	NA

KEY PLAN :

PROJECT OWNER :



MAIN CONTRACTOR



SUB-CONTRACTOR :



PROJECT TITLE:

TECHNICAL PROPOSAL FOR BATU KURAU

DRAWING TITLE:

SK HJ WAN JAAFAR BATU KURAU (SINGLE LINE DIAGRAM)

PROJECT PHASE:

DESIGN PHASE

Design By : IQBAL&HARRIS Date : 24.08.2023

Drawn By : AZ Scale : NTS

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