

TECHNICAL PROPOSAL

POP2 ABAB021 SEKOLAH KEBANGSAAN SUNGAI PERGAM (D-SIDE)

Company Name : KNZ ENGINEERING SDN BHD.
Company Address : NO 60 & 60 A JALAN KLEBANG INDAH 1 MEDAN KLEBANG INDAH 30010 IPOH PERAK
Prepared By : FARHAH AFIQAH BINTI AMDON
Date : 30/11/2024



Starting Point

Site / Boundary Name : Bagan Datuk
Address : SK Sungai Pergam, Kampung Parit 5, Sungai Pergam, 36100 Bagan Datuk
District : Hilir Perak
Postcode : 36100
State : Perak
GPS Coordinate : 3.959834316, 100.8062058
LRD : A

End Point

Site / Boundary Name : Bagan Datuk
Address : Jalan Kg Sungai Pergam, 36100 Bagan Datuk
District : Hilir Perak
Postcode : 36100
State : Perak
GPS Coordinate : 3,977352955, 100.8062677
LRD : B



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))



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	11,670M
2	Install New Pole	ea	274
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point	ea	13
6	Install Closure	ea	4
7	Estimated Time Required for Completion	days	30

2.0 LOCAL AUTHORITY SUMMARY

Daerah Hilir Perak

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	34	1,419m
		Majlis	240	9,254m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				10,673m

Site Plan -KMZ (Overview site area)

Proposed FDP and Closure

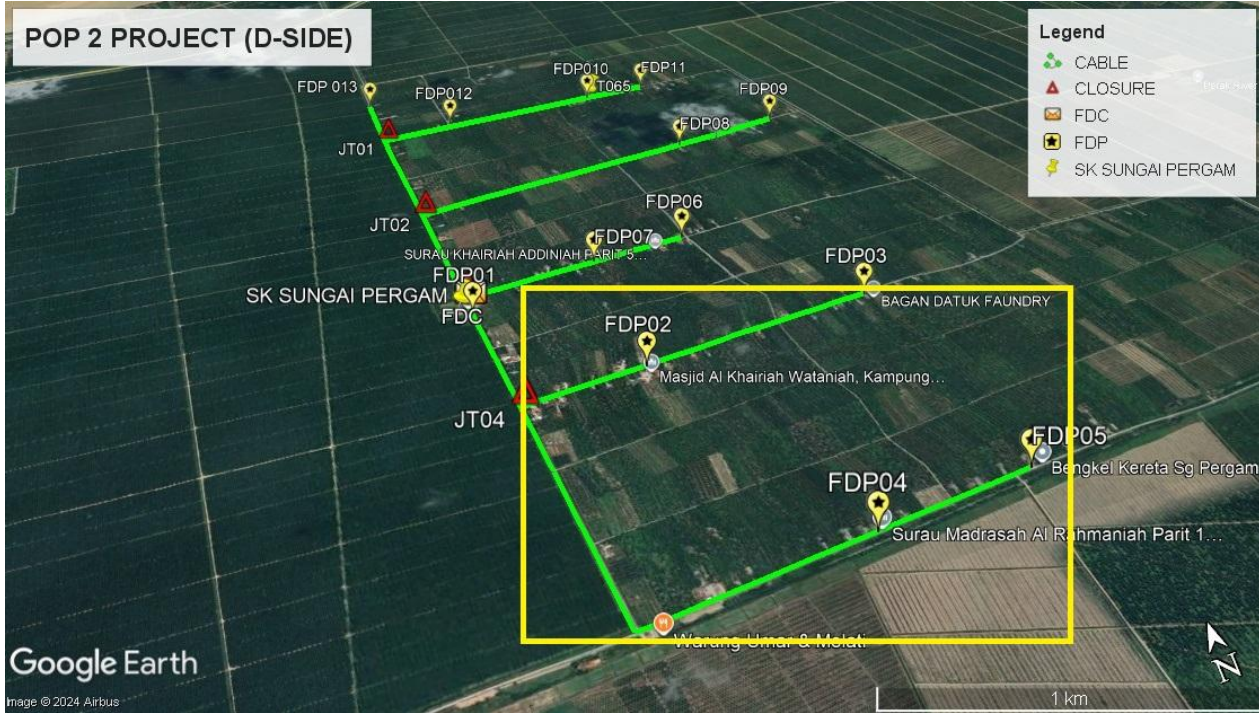


Proposed New Pole



Site Plan – KMZ Routing (All site area)

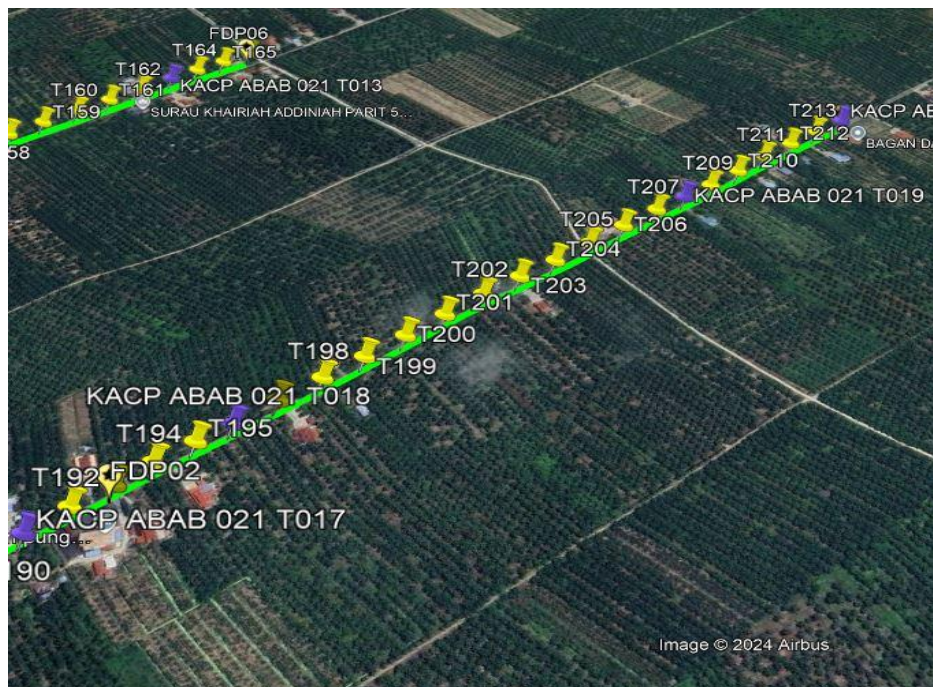
Route 1



Route 1.1

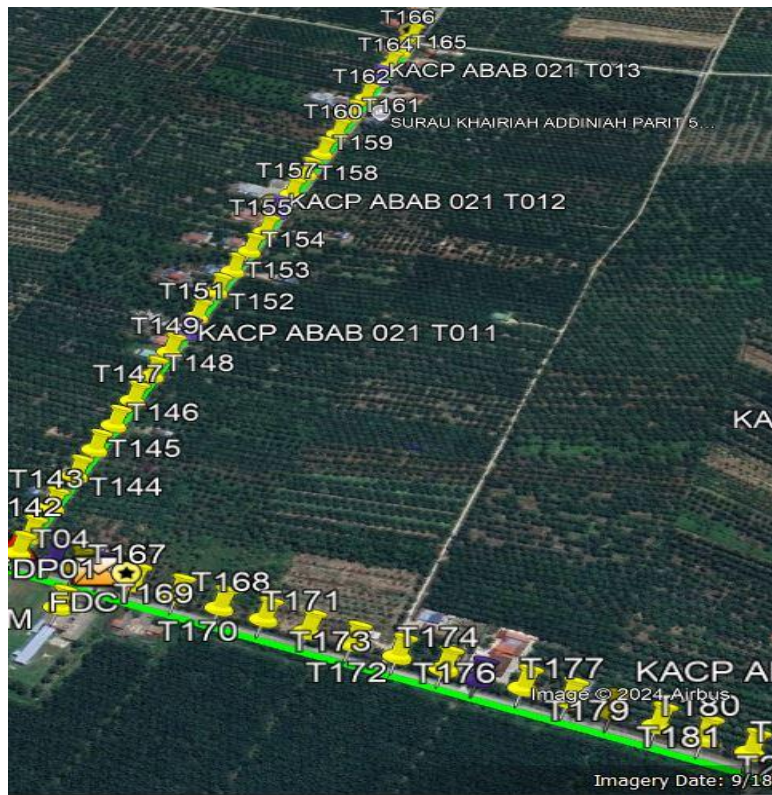


Route 1.2

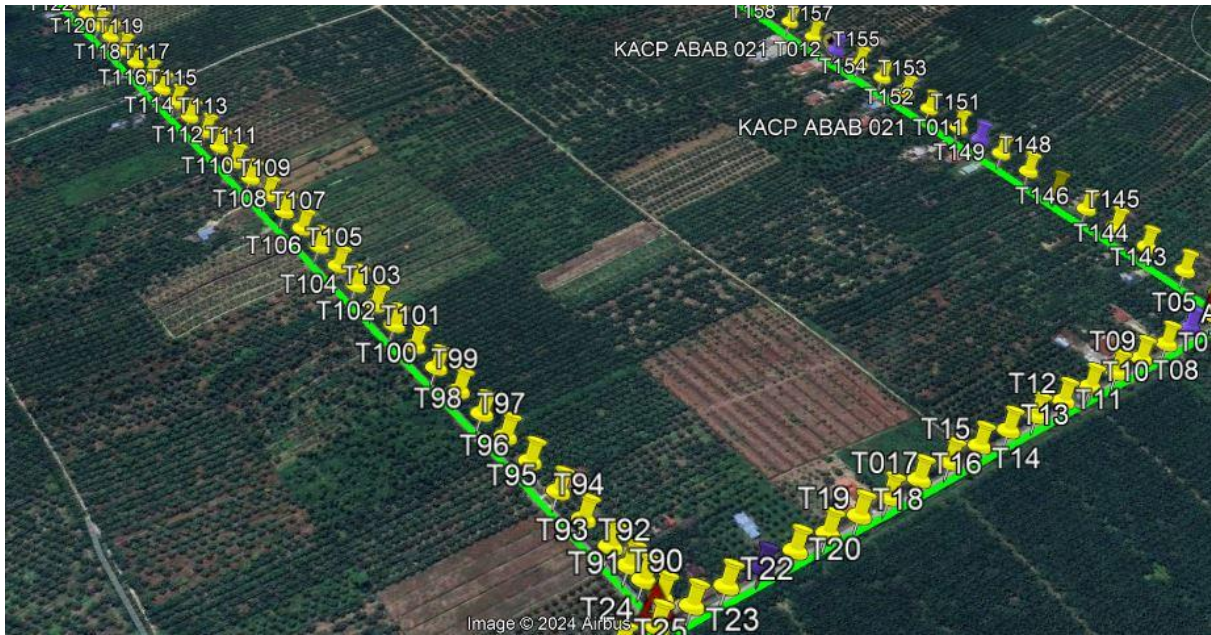


Route 1.3

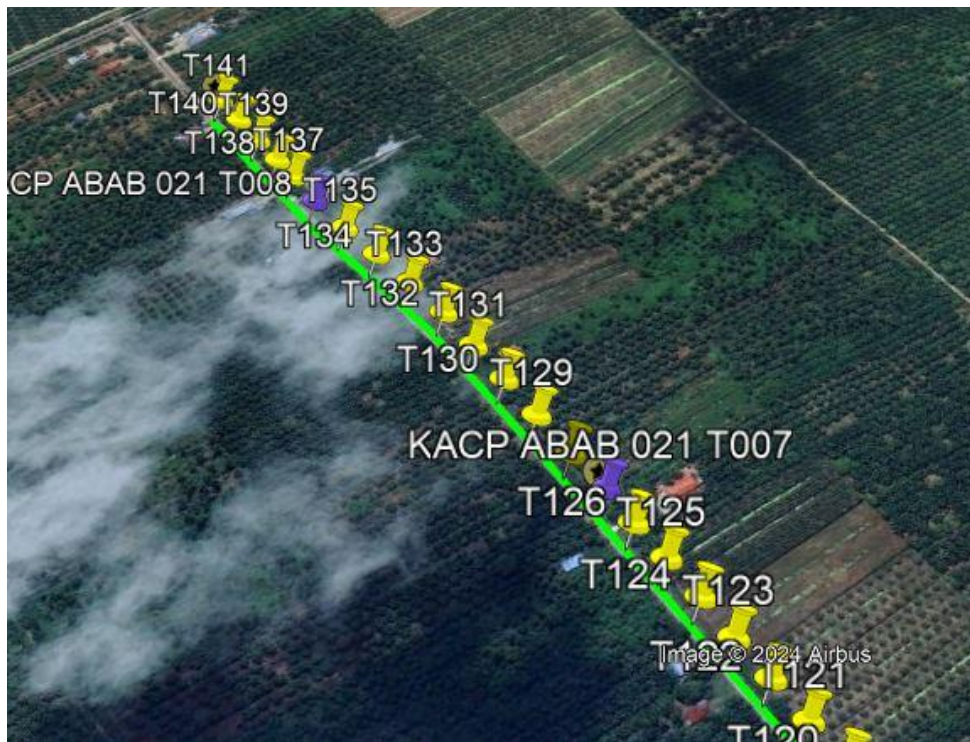
Route 2



Route 2.1

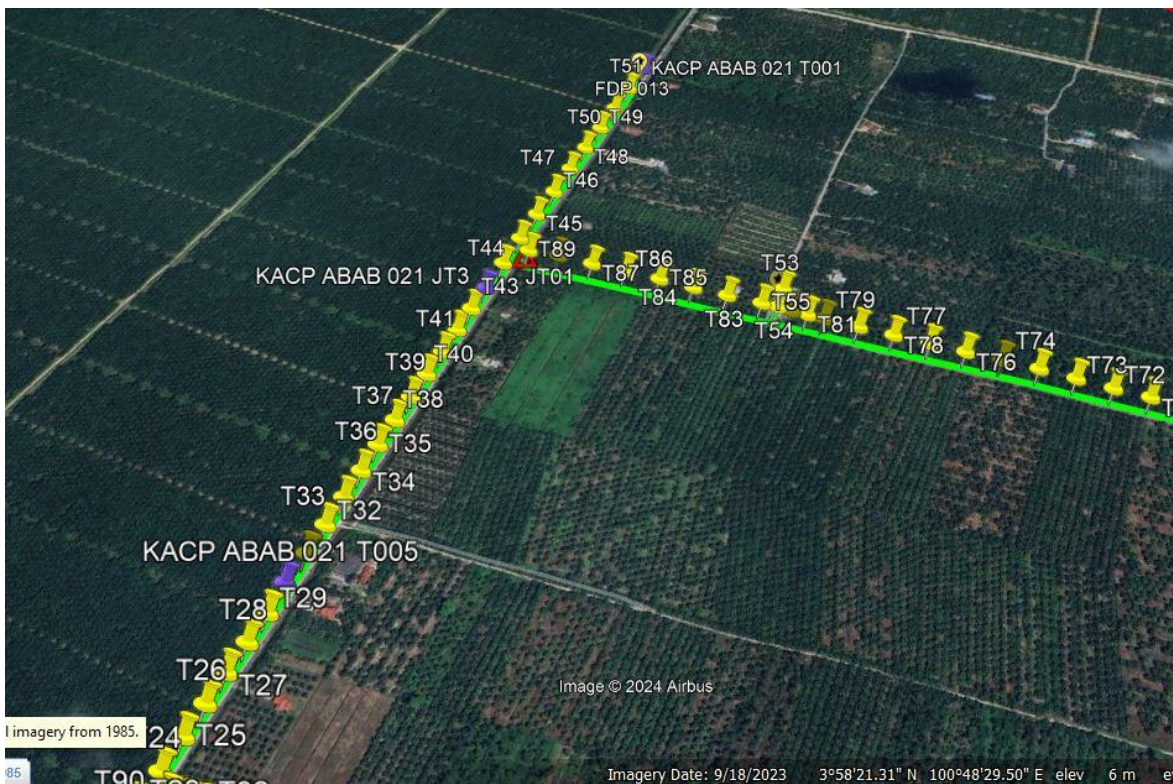


Route 2.2



Route 2.3

Route 3





Route 3.2

3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	40	3.959879501	100.8062059	Majlis Perbandaran Teluk Intan
2	T002	40	3.960093176	100.8062012	Majlis Perbandaran Teluk Intan
3	EX T003	40	3.960313535	100.8062069	Majlis Perbandaran Teluk Intan
4	T004	40	3.960625849	100.8061968	Majlis Perbandaran Teluk Intan
5	T005	40	3.960936795	100.8062021	Majlis Perbandaran Teluk Intan
6	EX T006	40	3.96125392	100.8062179	Majlis Perbandaran Teluk Intan
7	T007	40	3.961581967	100.8061954	Majlis Perbandaran Teluk Intan
8	T008	40	3.961900951	100.8061929	Majlis Perbandaran Teluk Intan
9	T009	40	3.962219835	100.8061891	Majlis Perbandaran Teluk Intan
10	T010	40	3.962540044	100.8061884	Majlis Perbandaran Teluk Intan
11	T011	40	3.962859977	100.8061907	Majlis Perbandaran Teluk Intan
12	T012	40	3.96317866	100.8061908	Majlis Perbandaran Teluk Intan
13	T013	40	3.963494889	100.8061955	Majlis Perbandaran Teluk Intan
14	T014	40	3.963811419	100.8062006	Majlis Perbandaran Teluk Intan
15	T015	40	3.964133522	100.8062023	Majlis Perbandaran Teluk Intan
16	T016	40	3.964465667	100.8061992	Majlis Perbandaran Teluk Intan
17	T017	40	3.964789559	100.8061896	Majlis Perbandaran Teluk Intan
18	T018	40	3.965106579	100.8061735	Majlis Perbandaran Teluk Intan
19	T019	40	3.965418211	100.8061715	Majlis Perbandaran Teluk Intan
20	T020	40	3.965732205	100.8061766	Majlis Perbandaran Teluk Intan
21	EX T021	40	3.966046466	100.8061833	Majlis Perbandaran Teluk Intan
22	T022	40	3.966365054	100.8061928	Majlis Perbandaran Teluk Intan
23	T023	40	3.966678383	100.8061896	Majlis Perbandaran Teluk Intan
24	T024	40	3.966992358	100.8061847	Majlis Perbandaran Teluk Intan
25	T025	40	3.967309693	100.8061793	Majlis Perbandaran Teluk Intan
26	T026	40	3.967625749	100.8061818	Majlis Perbandaran Teluk Intan

3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
27	T027	40	3.967938393	100.8061753	Majlis Perbandaran Teluk Intan
28	T028	40	3.968255834	100.8061783	Majlis Perbandaran Teluk Intan
29	T029	40	3.96857276	100.8061791	Majlis Perbandaran Teluk Intan
30	EX T030	40	3.968894887	100.8061535	Majlis Perbandaran Teluk Intan
31	T031	40	3.969239892	100.8061704	Majlis Perbandaran Teluk Intan
32	T032	40	3.969574663	100.806171	Majlis Perbandaran Teluk Intan
33	T033	40	3.969914444	100.806169	Majlis Perbandaran Teluk Intan
34	T034	40	3.970250772	100.8061642	Majlis Perbandaran Teluk Intan
35	T035	40	3.970589518	100.8061544	Majlis Perbandaran Teluk Intan
36	T036	40	3.970931892	100.8061523	Majlis Perbandaran Teluk Intan
37	T037	40	3.97126794	100.8061499	Majlis Perbandaran Teluk Intan
38	T038	40	3.971603815	100.8061493	Majlis Perbandaran Teluk Intan
39	T039	40	3.971946142	100.8061511	Majlis Perbandaran Teluk Intan
40	T040	40	3.97228179	100.806152	Majlis Perbandaran Teluk Intan
41	T041	40	3.972612954	100.8061572	Majlis Perbandaran Teluk Intan
42	EX T042	40	3.972945861	100.8061623	Majlis Perbandaran Teluk Intan
43	T043	40	3.973388217	100.80616	Majlis Perbandaran Teluk Intan
44	T044	40	3.973833213	100.8061578	Majlis Perbandaran Teluk Intan
45	T045	40	3.9742743	100.8061622	Majlis Perbandaran Teluk Intan
46	T046	40	3.974715212	100.8061824	Majlis Perbandaran Teluk Intan
47	T047	40	3.975156544	100.8061939	Majlis Perbandaran Teluk Intan
48	T048	40	3.975591004	100.8062091	Majlis Perbandaran Teluk Intan
49	T049	40	3.976023622	100.8062228	Majlis Perbandaran Teluk Intan
50	T050	40	3.976458848	100.806235	Majlis Perbandaran Teluk Intan
51	T051	40	3.976911403	100.8062439	Majlis Perbandaran Teluk Intan
52	EX T052	40	3.977352955	100.8062677	Majlis Perbandaran Teluk Intan
53	T053	40	3.974215592	100.8092528	Majlis Perbandaran Teluk Intan

3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
54	T054	40	3.973924634	100.8092797	Majlis Perbandaran Teluk Intan
55	T055	40	3.973911527	100.8091421	Majlis Perbandaran Teluk Intan
56	T056	40	3.973883714	100.8088583	Majlis Perbandaran Teluk Intan
57	EX T057	40	3.97463626	100.8187172	Majlis Perbandaran Teluk Intan
58	T058	40	3.974608241	100.8183516	Majlis Perbandaran Teluk Intan
59	T059	40	3.97457859	100.8179395	Majlis Perbandaran Teluk Intan
60	T060	40	3.974554242	100.8175726	Majlis Perbandaran Teluk Intan
61	T061	40	3.974525792	100.8172082	Majlis Perbandaran Teluk Intan
62	T062	40	3.974498566	100.8168325	Majlis Perbandaran Teluk Intan
63	T063	40	3.974462351	100.8164693	Majlis Perbandaran Teluk Intan
64	T064	40	3.974431382	100.8161683	Majlis Perbandaran Teluk Intan
65	T065	40	3.974398362	100.8158895	Majlis Perbandaran Teluk Intan
66	T066	40	3.97437623	100.8155188	Majlis Perbandaran Teluk Intan
67	EX T067	40	3.974340144	100.8149821	Majlis Perbandaran Teluk Intan
68	T068	40	3.974294946	100.8144779	Majlis Perbandaran Teluk Intan
69	T069	40	3.974262906	100.8140759	Majlis Perbandaran Teluk Intan
70	T070	40	3.974227555	100.813656	Majlis Perbandaran Teluk Intan
71	T071	40	3.974196455	100.8132685	Majlis Perbandaran Teluk Intan
72	T072	40	3.974166902	100.8128918	Majlis Perbandaran Teluk Intan
73	T073	40	3.974145806	100.8125071	Majlis Perbandaran Teluk Intan
74	T074	40	3.974118597	100.8121216	Majlis Perbandaran Teluk Intan
75	T075	40	3.974087537	100.8117372	Majlis Perbandaran Teluk Intan
76	T076	40	3.974062299	100.8113511	Majlis Perbandaran Teluk Intan
77	T077	40	3.974034388	100.8109666	Majlis Perbandaran Teluk Intan
78	T078	40	3.974009241	100.8105761	Majlis Perbandaran Teluk Intan
79	T079	40	3.973977753	100.8101917	Majlis Perbandaran Teluk Intan
80	T080	40	3.973949651	100.8098089	Majlis Perbandaran Teluk Intan
81	T081	40	3.973937567	100.8096196	Majlis Perbandaran Teluk Intan
82	T082	40	3.973924278	100.8094418	Majlis Perbandaran Teluk Intan
83	T083	40	3.973848018	100.8085465	Majlis Perbandaran Teluk Intan
84	T084	40	3.973828304	100.8081371	Majlis Perbandaran Teluk Intan

3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
85	T085	40	3.973793106	100.8077671	Majlis Perbandaran Teluk Intan
86	T086	40	3.973756119	100.8073726	Majlis Perbandaran Teluk Intan
87	T087	40	3.973735066	100.806928	Majlis Perbandaran Teluk Intan
88	T088	40	3.973700234	100.8065948	Majlis Perbandaran Teluk Intan
89	T089	40	3.973691389	100.8063392	Majlis Perbandaran Teluk Intan
90	T090	40	3.966832811	100.806365	Majlis Perbandaran Teluk Intan
91	T091	40	3.966856761	100.8065505	Majlis Perbandaran Teluk Intan
92	T092	40	3.966883307	100.8067127	Majlis Perbandaran Teluk Intan
93	T093	40	3.966906351	100.8069299	Majlis Perbandaran Teluk Intan
94	T094	40	3.966946197	100.8072498	Majlis Perbandaran Teluk Intan
95	T095	40	3.966982719	100.8075673	Majlis Perbandaran Teluk Intan
96	T096	40	3.967029017	100.8079279	Majlis Perbandaran Teluk Intan
97	T097	40	3.967074618	100.8082461	Majlis Perbandaran Teluk Intan
98	T098	40	3.967120082	100.8085614	Majlis Perbandaran Teluk Intan
99	T099	40	3.967164378	100.808888	Majlis Perbandaran Teluk Intan
100	T100	40	3.967205325	100.8092209	Majlis Perbandaran Teluk Intan
101	T101	40	3.967246318	100.8095465	Majlis Perbandaran Teluk Intan
102	T102	40	3.967286347	100.8098704	Majlis Perbandaran Teluk Intan
103	T103	40	3.967325279	100.8101835	Majlis Perbandaran Teluk Intan
104	T104	40	3.967366343	100.8105035	Majlis Perbandaran Teluk Intan
105	T105	40	3.967402763	100.8108294	Majlis Perbandaran Teluk Intan
106	T106	40	3.967443052	100.8111637	Majlis Perbandaran Teluk Intan
107	T107	40	3.967481034	100.8114852	Majlis Perbandaran Teluk Intan
108	T108	40	3.967531214	100.8118127	Majlis Perbandaran Teluk Intan
109	T109	40	3.967576185	100.8121364	Majlis Perbandaran Teluk Intan
110	T110	40	3.967622649	100.8124611	Majlis Perbandaran Teluk Intan
111	T111	40	3.967663019	100.8127886	Majlis Perbandaran Teluk Intan

3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
112	T112	40	3.967710567	100.8131094	Majlis Perbandaran Teluk Intan
113	T113	40	3.967740175	100.8134334	Majlis Perbandaran Teluk Intan
114	T114	40	3.967793367	100.8137651	Majlis Perbandaran Teluk Intan
115	T115	40	3.96783616	100.8140883	Majlis Perbandaran Teluk Intan
116	T116	40	3.967876432	100.8144142	Majlis Perbandaran Teluk Intan
117	T117	40	3.967918973	100.8147361	Majlis Perbandaran Teluk Intan
118	T118	40	3.967966494	100.8150442	Majlis Perbandaran Teluk Intan
119	T119	40	3.968011143	100.8153662	Majlis Perbandaran Teluk Intan
120	T120	40	3.968049949	100.8156871	Majlis Perbandaran Teluk Intan
121	T121	40	3.96809762	100.8160082	Majlis Perbandaran Teluk Intan
122	T122	40	3.96814054	100.8163363	Majlis Perbandaran Teluk Intan
123	T123	40	3.968189359	100.8166614	Majlis Perbandaran Teluk Intan
124	T124	40	3.968224039	100.8169835	Majlis Perbandaran Teluk Intan
125	T125	40	3.968269863	100.817312	Majlis Perbandaran Teluk Intan
126	T126	40	3.96831837	100.8176308	Majlis Perbandaran Teluk Intan
127	EX T127	40	3.968349237	100.8179372	Majlis Perbandaran Teluk Intan
128	T128	40	3.968409163	100.8182986	Majlis Perbandaran Teluk Intan
129	T129	40	3.968461269	100.818684	Majlis Perbandaran Teluk Intan
130	T130	40	3.968511432	100.8190688	Majlis Perbandaran Teluk Intan
131	T131	40	3.968561376	100.8194493	Majlis Perbandaran Teluk Intan
132	T132	40	3.968611655	100.8198352	Majlis Perbandaran Teluk Intan
133	T133	40	3.96870509	100.820212	Majlis Perbandaran Teluk Intan
134	T134	40	3.968798655	100.8205904	Majlis Perbandaran Teluk Intan
135	T135	40	3.96889043	100.8209671	Majlis Perbandaran Teluk Intan
136	EX T136	40	3.968977421	100.8213423	Majlis Perbandaran Teluk Intan
137	T137	40	3.96902121	100.8216813	Majlis Perbandaran Teluk Intan
138	T138	40	3.96906025	100.8219205	Majlis Perbandaran Teluk Intan

3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
139	T139	40	3.969110328	100.8222216	Majlis Perbandaran Teluk Intan
140	T140	40	3.969159415	100.8225179	Majlis Perbandaran Teluk Intan
141	T141	40	3.969206116	100.8228145	Majlis Perbandaran Teluk Intan
142	T142	40	3.960650577	100.8063883	Majlis Perbandaran Teluk Intan
143	T143	40	3.960679858	100.8067425	Majlis Perbandaran Teluk Intan
144	T144	40	3.960720496	100.8071509	Majlis Perbandaran Teluk Intan
145	T145	40	3.960755241	100.8074938	Majlis Perbandaran Teluk Intan
146	T146	40	3.960785544	100.8078328	Majlis Perbandaran Teluk Intan
147	T147	40	3.960818427	100.8081786	Majlis Perbandaran Teluk Intan
148	T148	40	3.960846835	100.8085357	Majlis Perbandaran Teluk Intan
149	T149	40	3.960878191	100.808884	Majlis Perbandaran Teluk Intan
150	EX T150	40	3.960894802	100.8091703	Majlis Perbandaran Teluk Intan
151	T151	40	3.960934067	100.8094383	Majlis Perbandaran Teluk Intan
152	T152	40	3.960967005	100.8098465	Majlis Perbandaran Teluk Intan
153	T153	40	3.960991308	100.810191	Majlis Perbandaran Teluk Intan
154	T154	40	3.96101293	100.81054	Majlis Perbandaran Teluk Intan
155	T155	40	3.961043763	100.8108862	Majlis Perbandaran Teluk Intan
156	EX T156	40	3.961098275	100.8112236	Majlis Perbandaran Teluk Intan
157	T157	40	3.961138663	100.8115753	Majlis Perbandaran Teluk Intan
158	T158	40	3.961171049	100.8119559	Majlis Perbandaran Teluk Intan
159	T159	40	3.961197804	100.8123434	Majlis Perbandaran Teluk Intan
160	T160	40	3.961233893	100.8127362	Majlis Perbandaran Teluk Intan
161	T161	40	3.96126589	100.813123	Majlis Perbandaran Teluk Intan
162	T162	40	3.96130122	100.8135057	Majlis Perbandaran Teluk Intan
163	EX T163	40	3.961336566	100.8138892	Majlis Perbandaran Teluk Intan
164	T164	40	3.961373705	100.8142246	Majlis Perbandaran Teluk Intan
165	T165	40	3.96139958	100.814563	Majlis Perbandaran Teluk Intan
166	T166	40	3.961442838	100.8149068	Majlis Perbandaran Teluk Intan
167	T167	40	3.959596222	100.8061972	Majlis Perbandaran Teluk Intan
168	T168	40	3.959223243	100.8062057	Majlis Perbandaran Teluk Intan
169	T169	40	3.958857432	100.8062083	Majlis Perbandaran Teluk Intan
170	T170	40	3.958489024	100.8062194	Majlis Perbandaran Teluk Intan

3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
171	T171	40	3.958127309	100.806218	Majlis Perbandaran Teluk Intan
172	T172	40	3.957759125	100.8062218	Majlis Perbandaran Teluk Intan
173	T173	40	3.957389307	100.8062238	Majlis Perbandaran Teluk Intan
174	T174	40	3.957020121	100.8062264	Majlis Perbandaran Teluk Intan
175	EX T175	40	3.956752228	100.8062152	Majlis Perbandaran Teluk Intan
176	T176	40	3.956410855	100.8062552	Majlis Perbandaran Teluk Intan
177	T177	40	3.956060407	100.806254	Majlis Perbandaran Teluk Intan
178	T178	40	3.955724405	100.8062559	Majlis Perbandaran Teluk Intan
179	T179	40	3.95538539	100.8062492	Majlis Perbandaran Teluk Intan
180	T180	40	3.955042327	100.8062529	Majlis Perbandaran Teluk Intan
181	T181	40	3.954695003	100.8062463	Majlis Perbandaran Teluk Intan
182	T182	40	3.954345442	100.806257	Majlis Perbandaran Teluk Intan
183	T183	40	3.954281673	100.8064729	Majlis Perbandaran Teluk Intan
184	EX T184	40	3.95432598	100.8068872	Majlis Perbandaran Teluk Intan
185	T185	40	3.954374381	100.8072785	Majlis Perbandaran Teluk Intan
186	T186	40	3.954418002	100.8077229	Majlis Perbandaran Teluk Intan
187	T187	40	3.954470474	100.8081638	Majlis Perbandaran Teluk Intan
188	T188	40	3.954509457	100.8085913	Majlis Perbandaran Teluk Intan
189	T189	40	3.954559913	100.809032	Majlis Perbandaran Teluk Intan
190	T190	40	3.95458765	100.8094629	Majlis Perbandaran Teluk Intan
191	EX T191	40	3.954608779	100.809886	Majlis Perbandaran Teluk Intan
192	T192	40	3.954687008	100.8102758	Majlis Perbandaran Teluk Intan
193	T193	40	3.954715631	100.8106425	Majlis Perbandaran Teluk Intan
194	T194	40	3.954769751	100.8109909	Majlis Perbandaran Teluk Intan
195	T195	40	3.954804885	100.8113627	Majlis Perbandaran Teluk Intan
196	EX T196	40	3.954831036	100.8116976	Majlis Perbandaran Teluk Intan
197	T197	40	3.954890969	100.8121384	Majlis Perbandaran Teluk Intan
198	T198	40	3.954936975	100.8125747	Majlis Perbandaran Teluk Intan
199	T199	40	3.954974183	100.8130064	Majlis Perbandaran Teluk Intan
200	T200	40	3.955015082	100.8134408	Majlis Perbandaran Teluk Intan
201	T201	40	3.955054346	100.8138777	Majlis Perbandaran Teluk Intan
202	T202	40	3.955098179	100.8143176	Majlis Perbandaran Teluk Intan

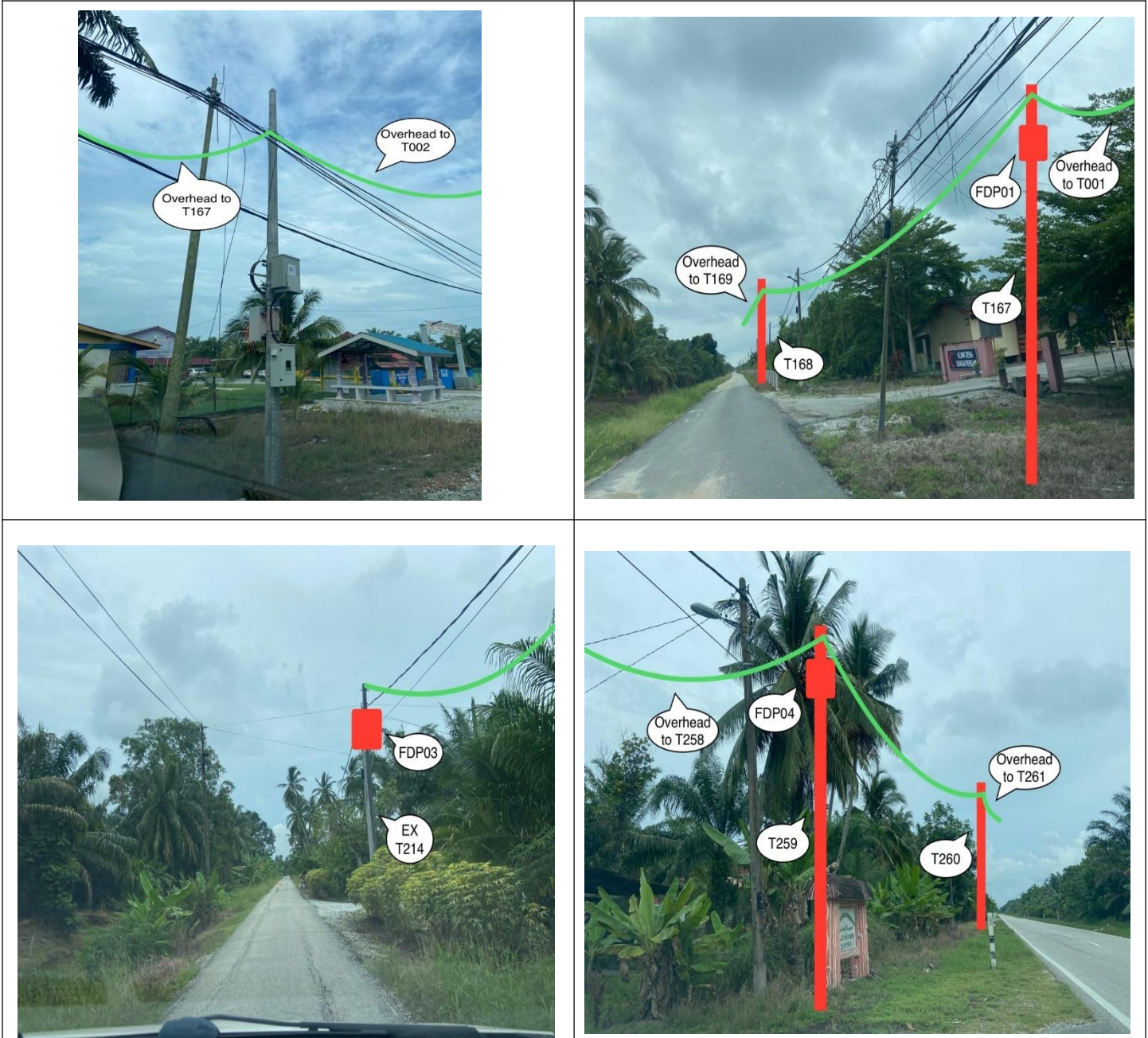
3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
203	T203	40	3.955154298	100.814756	Majlis Perbandaran Teluk Intan
204	T204	40	3.955197457	100.8151884	Majlis Perbandaran Teluk Intan
205	T205	40	3.955245446	100.8156274	Majlis Perbandaran Teluk Intan
206	T206	40	3.955286841	100.8160716	Majlis Perbandaran Teluk Intan
207	T207	40	3.95532539	100.8165175	Majlis Perbandaran Teluk Intan
208	EX T208	40	3.955362058	100.8169018	Majlis Perbandaran Teluk Intan
209	T209	40	3.955387225	100.8172736	Majlis Perbandaran Teluk Intan
210	T210	40	3.955427269	100.8176779	Majlis Perbandaran Teluk Intan
211	T211	40	3.95547607	100.8180861	Majlis Perbandaran Teluk Intan
212	T212	40	3.955515481	100.8184967	Majlis Perbandaran Teluk Intan
213	T213	40	3.955559313	100.8189038	Majlis Perbandaran Teluk Intan
214	EX T214	40	3.955564701	100.8192968	Majlis Perbandaran Teluk Intan
215	T215	40	3.953965702	100.8062381	Majlis Perbandaran Teluk Intan
216	T216	40	3.953597996	100.8062626	Majlis Perbandaran Teluk Intan
217	T217	40	3.953255679	100.8062607	Majlis Perbandaran Teluk Intan
218	T218	40	3.952920426	100.8062622	Majlis Perbandaran Teluk Intan
219	T219	40	3.95257893	100.8062625	Majlis Perbandaran Teluk Intan
220	T220	40	3.952239158	100.8062592	Majlis Perbandaran Teluk Intan
221	T221	40	3.951899284	100.8062626	Majlis Perbandaran Teluk Intan
222	T222	40	3.951550903	100.8062637	Majlis Perbandaran Teluk Intan
223	T223	40	3.951208729	100.8062649	Majlis Perbandaran Teluk Intan
224	T224	40	3.950866226	100.8062685	Majlis Perbandaran Teluk Intan
225	T225	40	3.950529817	100.806275	Majlis Perbandaran Teluk Intan
226	T226	40	3.950190151	100.8062841	Majlis Perbandaran Teluk Intan
227	T227	40	3.949849809	100.80628	Majlis Perbandaran Teluk Intan
228	T228	40	3.949510171	100.8062796	Majlis Perbandaran Teluk Intan
229	T229	40	3.949170182	100.8062845	Majlis Perbandaran Teluk Intan
230	T230	40	3.948829713	100.8062871	Majlis Perbandaran Teluk Intan
231	T231	40	3.948490077	100.8062895	Majlis Perbandaran Teluk Intan
232	T232	40	3.948147118	100.8062874	Majlis Perbandaran Teluk Intan
233	T233	40	3.947805745	100.8062856	Majlis Perbandaran Teluk Intan
234	T234	40	3.947462128	100.8062868	Majlis Perbandaran Teluk Intan
235	T235	40	3.947122959	100.8062854	Majlis Perbandaran Teluk Intan
236	T236	40	3.946786659	100.8062907	Majlis Perbandaran Teluk Intan
237	T237	40	3.946448304	100.8062907	Majlis Perbandaran Teluk Intan
238	T238	40	3.946111133	100.8062853	Majlis Perbandaran Teluk Intan
239	T239	40	3.945769602	100.8062786	Majlis Perbandaran Teluk Intan
240	T240	40	3.945417774	100.8062769	Majlis Perbandaran Teluk Intan

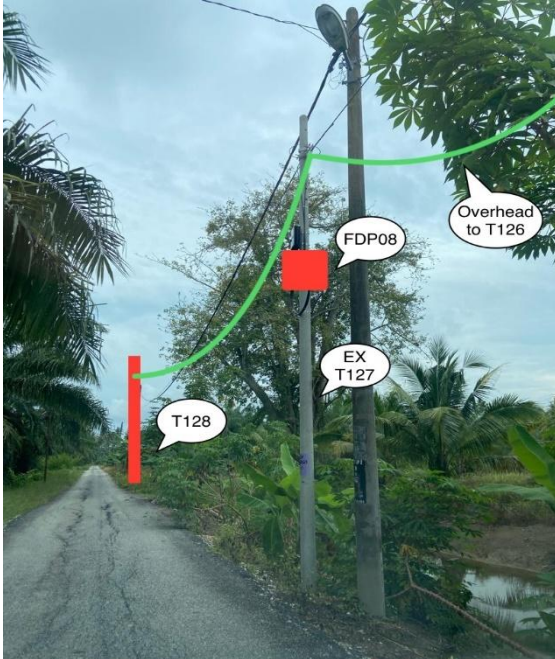
3.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
241	T241	40	3.945076967	100.8062639	JKR Hilir Perak
242	T242	40	3.945100502	100.8066786	JKR Hilir Perak
243	T243	40	3.945138638	100.8070903	JKR Hilir Perak
244	T244	40	3.94518105	100.807516	JKR Hilir Perak
245	T245	40	3.945213989	100.8079345	JKR Hilir Perak
246	T246	40	3.945246294	100.8083497	JKR Hilir Perak
247	T247	40	3.945276159	100.8087682	JKR Hilir Perak
248	T248	40	3.945306172	100.8091903	JKR Hilir Perak
249	T249	40	3.945340093	100.809608	JKR Hilir Perak
250	T250	40	3.945369174	100.810022	JKR Hilir Perak
251	T251	40	3.945399479	100.8104398	JKR Hilir Perak
252	T252	40	3.945430125	100.8108522	JKR Hilir Perak
253	T253	40	3.94546669	100.8112678	JKR Hilir Perak
254	T254	40	3.945504761	100.8116858	JKR Hilir Perak
255	T255	40	3.945532362	100.8120524	JKR Hilir Perak
256	T256	40	3.945570168	100.812476	JKR Hilir Perak
257	T257	40	3.945605699	100.8128898	JKR Hilir Perak
258	T258	40	3.945638498	100.813267	JKR Hilir Perak
259	T259	40	3.945657639	100.813648	JKR Hilir Perak
260	T260	40	3.945689848	100.81402	JKR Hilir Perak
261	T261	40	3.945719935	100.814391	JKR Hilir Perak
262	T262	40	3.945756045	100.8147612	JKR Hilir Perak
263	T263	40	3.945787555	100.8151292	JKR Hilir Perak
264	T264	40	3.945817658	100.8154982	JKR Hilir Perak
265	T265	40	3.945854867	100.8159128	JKR Hilir Perak
266	T266	40	3.945891728	100.8163144	JKR Hilir Perak
267	T267	40	3.945921127	100.8166847	JKR Hilir Perak
268	T268	40	3.945959438	100.8170551	JKR Hilir Perak
269	T269	40	3.946018649	100.8175025	JKR Hilir Perak
270	T270	40	3.94604603	100.8178702	JKR Hilir Perak
271	T271	40	3.946067315	100.818242	JKR Hilir Perak
272	T272	40	3.946095222	100.8186624	JKR Hilir Perak
273	T273	40	3.946120779	100.818891	JKR Hilir Perak
274	T274	40	3.946142988	100.8191142	JKR Hilir Perak

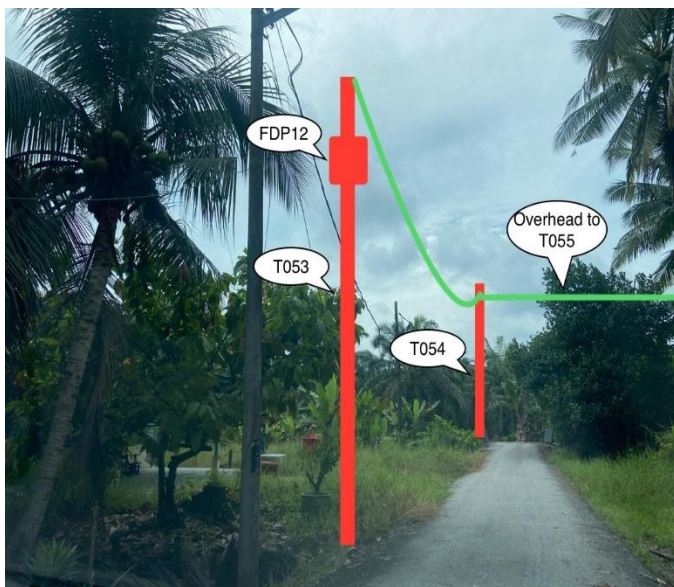
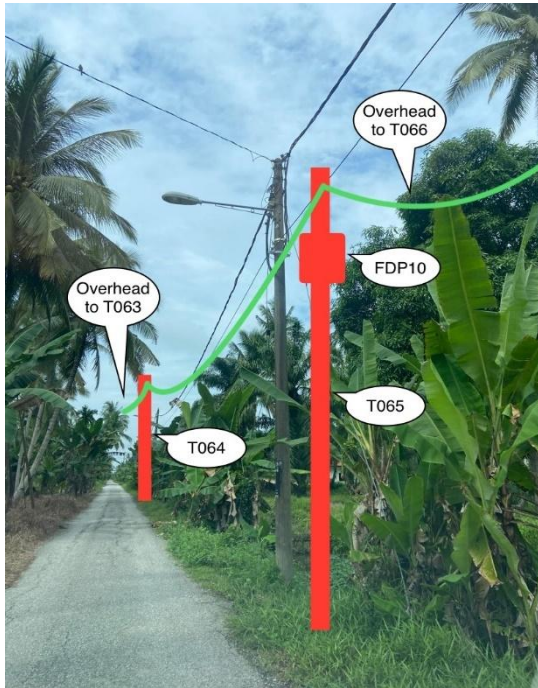
4.0 SITE PHOTOS - PROPOSED NEW POLE



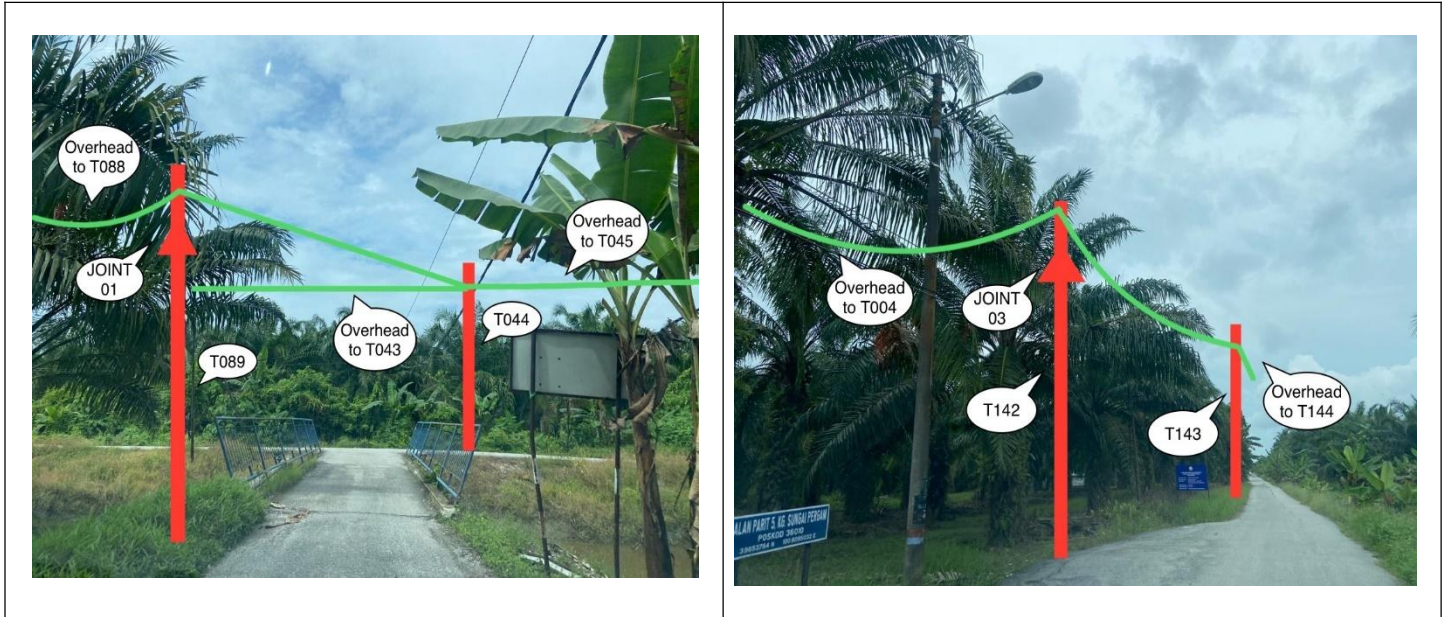
4.0 SITE PHOTOS - PROPOSED NEW POLE



4.0 SITE PHOTOS - PROPOSED NEW POLE



4.0 SITE PHOTOS - PROPOSED NEW POLE



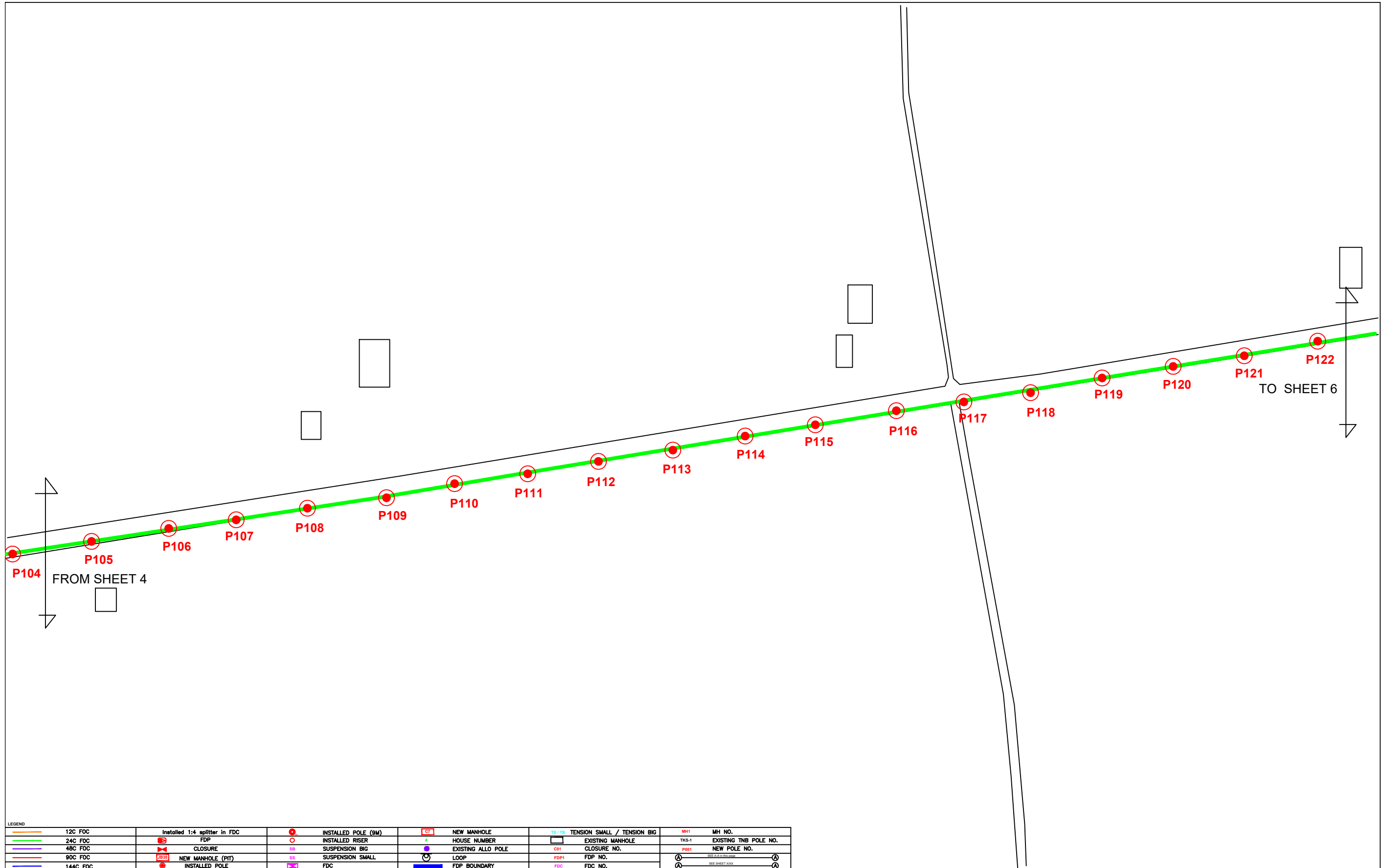


PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP) FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA (KKMM.400-11/17/132(1))



5.0 3rd PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Perbandaran Teluk Intan	9,254M
2	JKR Hilir Perak	1,419M



LEGEND		NEW MANHOLE		TENSION SMALL / TENSION BIG		MH NO.	
12C FOC	Installed 1:4 splitter in FDC	NEW MANHOLE	TS / TB	TENSION SMALL / TENSION BIG	MH1	MH NO.	
24C FOC	FDP	HOUSE NUMBER	EXISTING MANHOLE		TKS-1	EXISTING TNB POLE NO.	
48C FOC	CLOSURE	EXISTING ALLO POLE	C01	CLOSURE NO.	PO01	NEW POLE NO.	
90C FOC	NEW MANHOLE (PIT)	LOOP	FDP1	FDP NO.			
144C FOC	INSTALLED POLE	FDP BOUNDARY	FDC	FDC NO.			

KEY PLAN

PROJECT OWNER

KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR

PRIVASAT

SUB-CONTRACTOR

KNZ ENGINEERING SDN BHD
NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak
No Tel: 019-3695071
Email: admin@knzengineering.com.my
Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

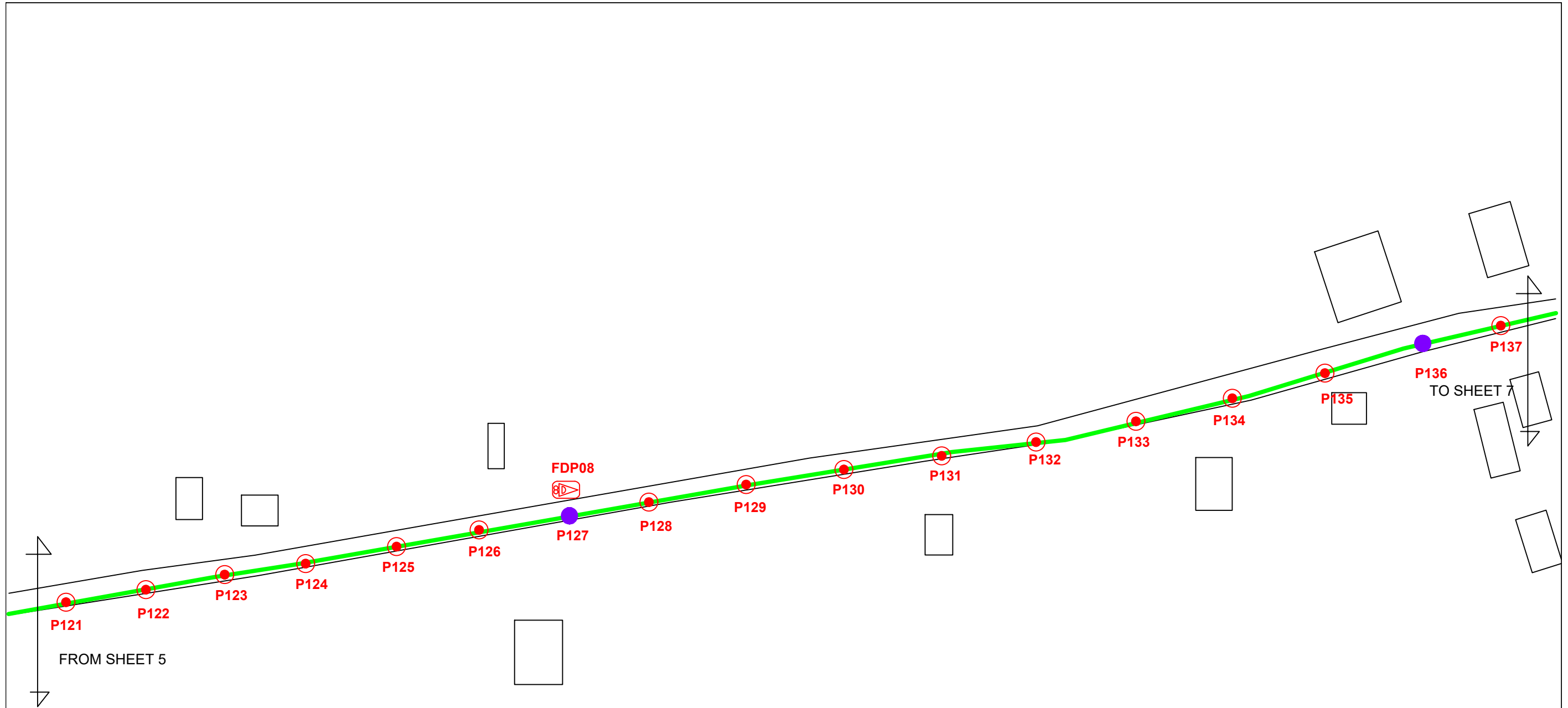
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

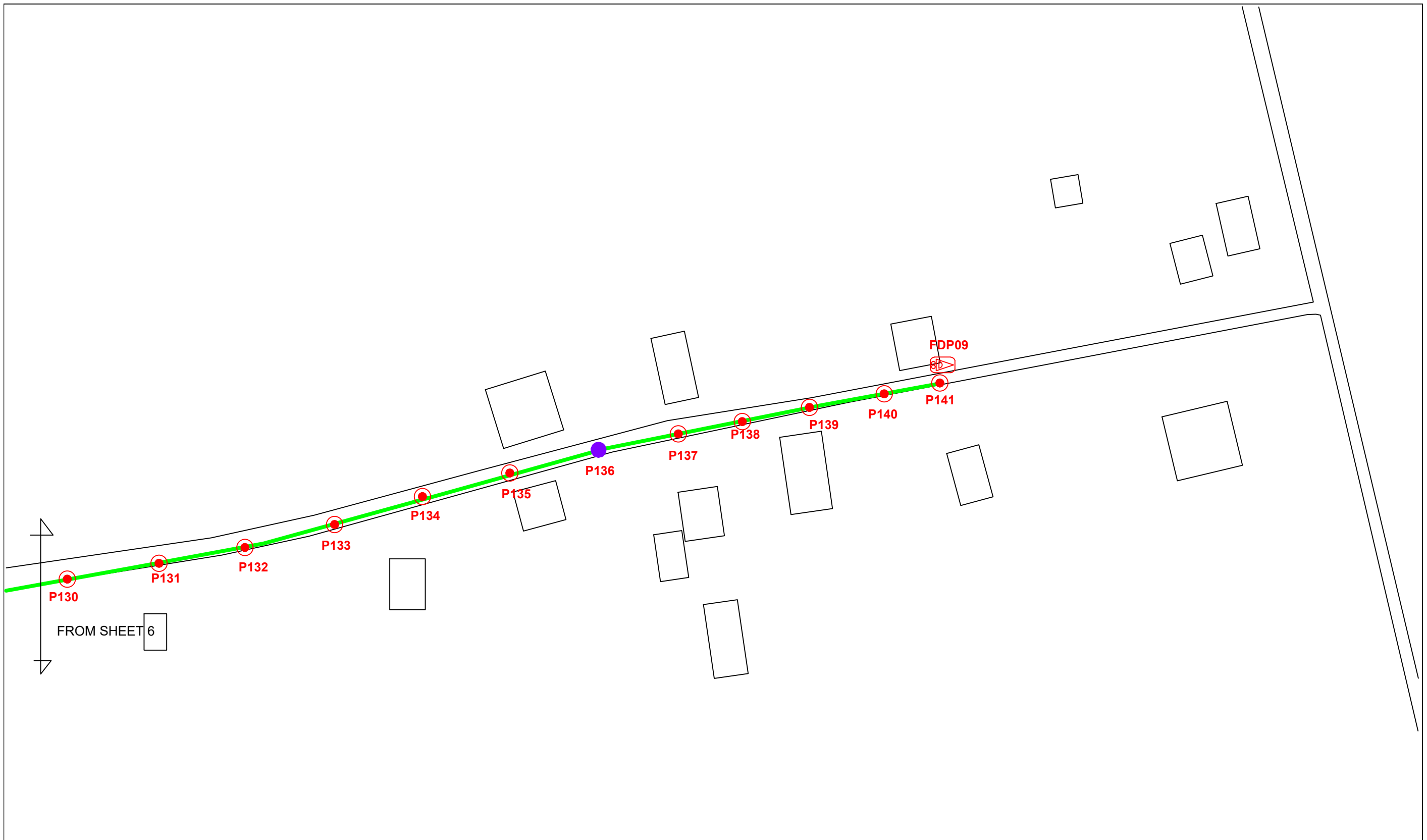
PROJECT PHASE 2

DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARISS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	5/19
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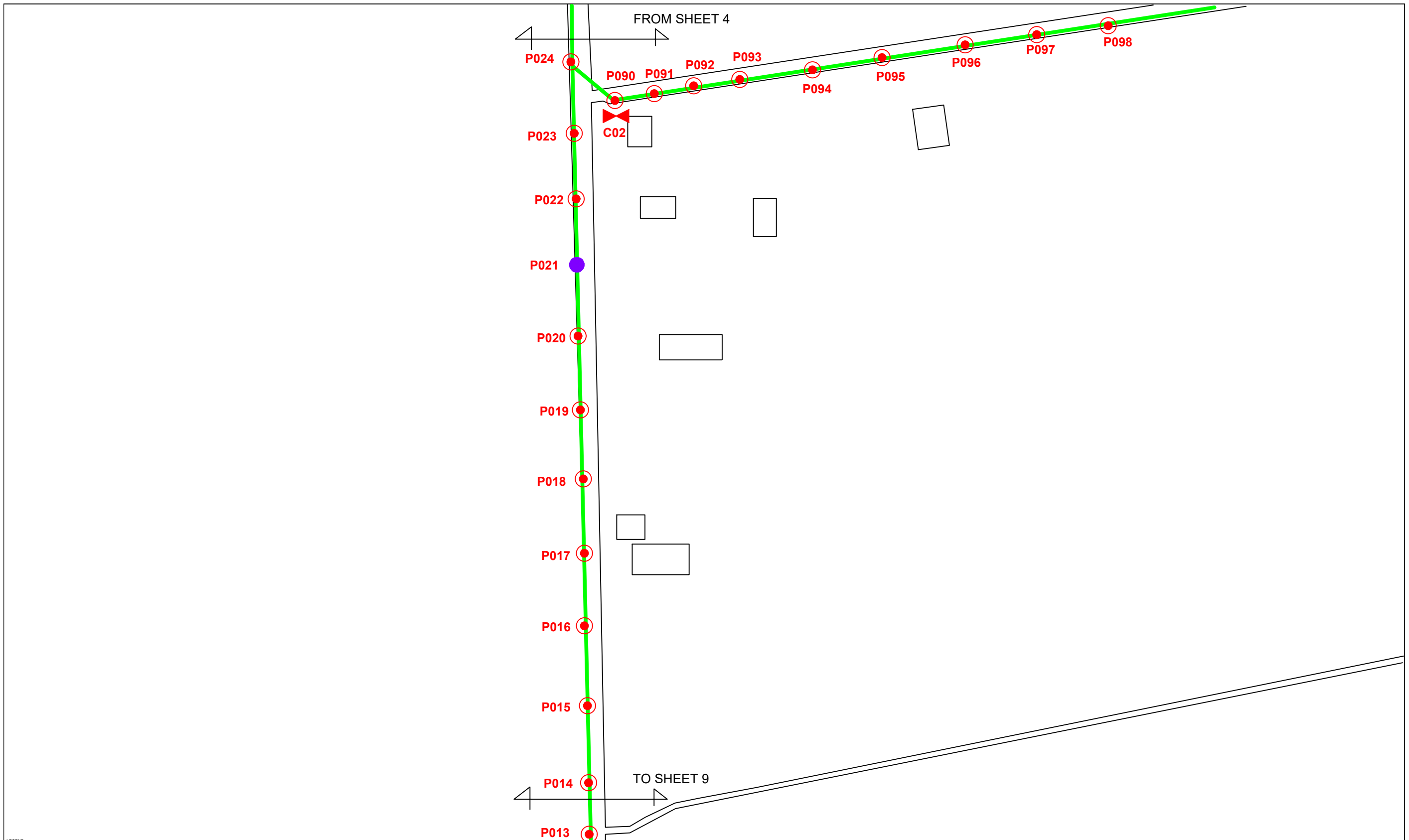
LEGEND					
12C FDC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TENSION SMALL / TENSION BIG	MH NO.
24C FDC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE	TKS-1 EXISTING TNB POLE NO.
48C FDC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	CB1 CLOSURE NO.	PO01 NEW POLE NO.
90C FDC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1 FDP NO.	SEE A.A.D. DRAWING
144C FDC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC FDC NO.	SEE SHEET 1000

KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR 	SUB-CONTRACTOR 	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM	DESIGN BY NABIL	DATE 30/11/2024
			KNZ ENGINEERING SDN BHD NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak No Tel: 019-3695071 Email: admin@knzengineering.com.my Website: www.knzengineering.com.my		PROJECT PHASE PROJECT PHASE 2	DRAWN BY NABIL	SCALE NOT TO SCALE
						CHECKED BY AZHAN HARISS	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 6/19
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							A3



LEGEND					
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TENSION SMALL / TENSION BIG	MH1 MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE	TKS-1 EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	C01 CLOSURE NO.	P001 NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1 FDP NO.	SEE A.A.D. 001/002
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC FDC NO.	SEE SHEET 100X


KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR PRIVASAT	SUB-CONTRACTOR KNZ ENGINEERING SDN BHD NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak No Tel: 019-3695071 Email: admin@knzengineering.com.my Website: www.knzengineering.com.my	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM PROJECT PHASE PROJECT PHASE 2	DESIGN BY NABIL	DATE 30/11/2024
						DRAWN BY NABIL	SCALE NOT TO SCALE
						CHECKED BY AZHAN HARIS	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 7/19
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							A3




LEGEND	DESCRIPTION	LEGEND	DESCRIPTION	LEGEND	DESCRIPTION	LEGEND	DESCRIPTION
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TENSION SMALL / TENSION BIG	MH1	MH NO.	
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE	TKS-1	EXISTING TNB POLE NO.	
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	C01	CLOSURE NO.	P001	NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1	FDP NO.		
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC	FDC NO.		

KEY PLAN

PROJECT OWNER




MAIN CONTRACTOR



PRIVASAT

SUB-CONTRACTOR



KNZ ENGINEERING SDN BHD
 NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak
 No Tel: 019-3695071
 Email: admin@knzengineering.com.my
 Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

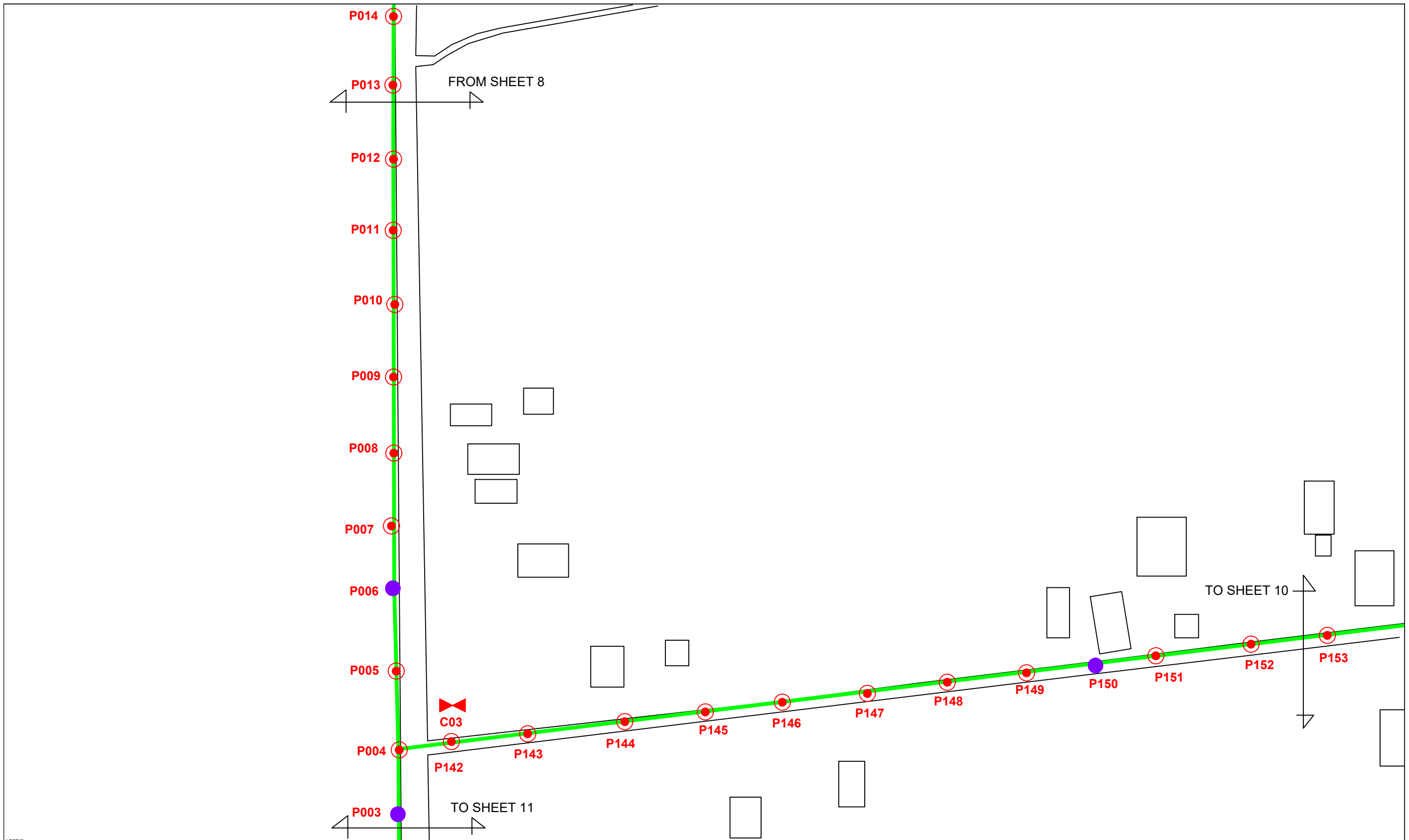
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

PROJECT PHASE 2

DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARIS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	8/19
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LEGEND		NEW MANHOLE		TENSION SMALL / TENSION BIG		MH NO.	
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TS / TB	TENSION SMALL / TENSION BIG	MH1	MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	TKS-1	EXISTING MANHOLE	TKS-1	EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	CB1	CLOSURE NO.	P001	NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1	FDP NO.		
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC	FDC NO.		

KEY PLAN

PROJECT OWNER

MAIN CONTRACTOR

SUB-CONTRACTOR

KNZ ENGINEERING SDN BHD
 NO. 60 & 60A, Jalan Klebang Indah 1,
 Medan Klebang Indah, 30100 Ipoh, Perak
 No Tel: 019-3695071
 Email: admin@knzengineering.com.my
 Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

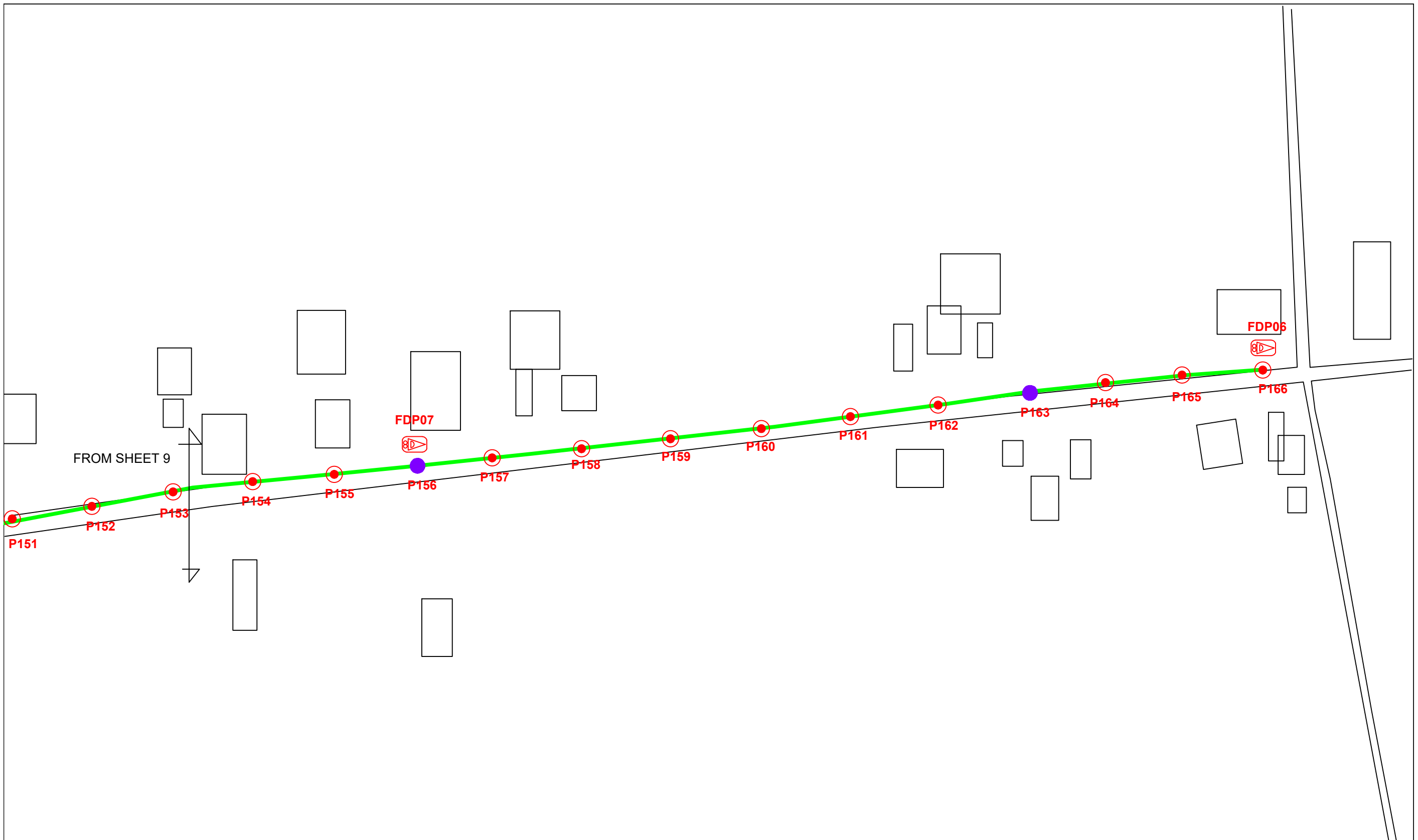
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

PROJECT PHASE 2


DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARISS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	9/19
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LEGEND					
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TENSION SMALL / TENSION BIG	MH1 MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE	TKS-1 EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	CLOSURE NO.	PO01 NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1 FDP NO.	SEE A.D.B. DRAWING
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC FDC NO.	SEE SHEET 100X

KEY PLAN


PROJECT OWNER



PROJECT OWNER



MAIN CONTRACTOR



SUB-CONTRACTOR



KNZ ENGINEERING SDN BHD
 NO. 60 & 60A, Jalan Klebang Indah 1,
 Medan Klebang Indah,
 30100 Ipoh, Perak
 No Tel: 019-3695071
 Email: admin@knzengineering.com.my
 Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

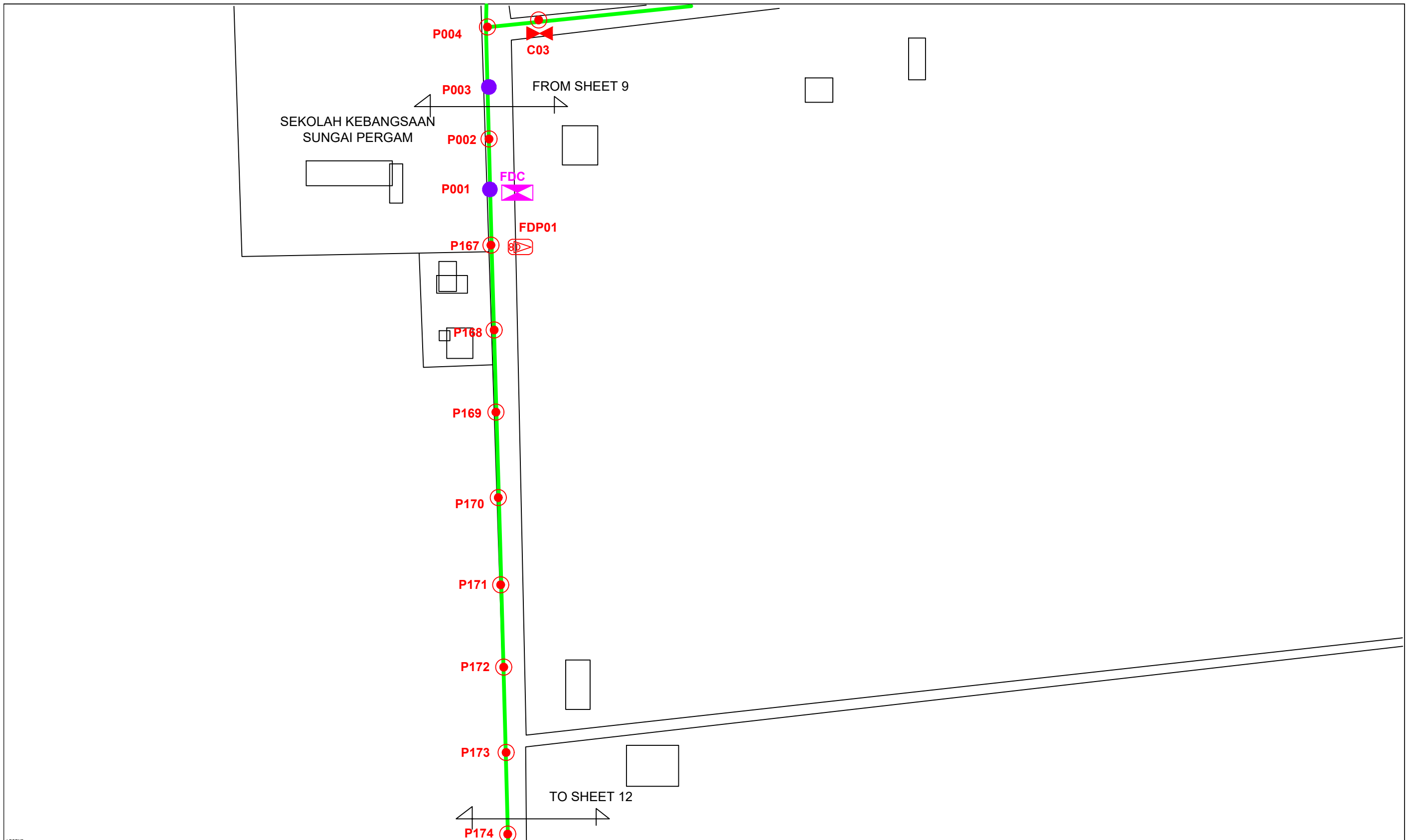
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

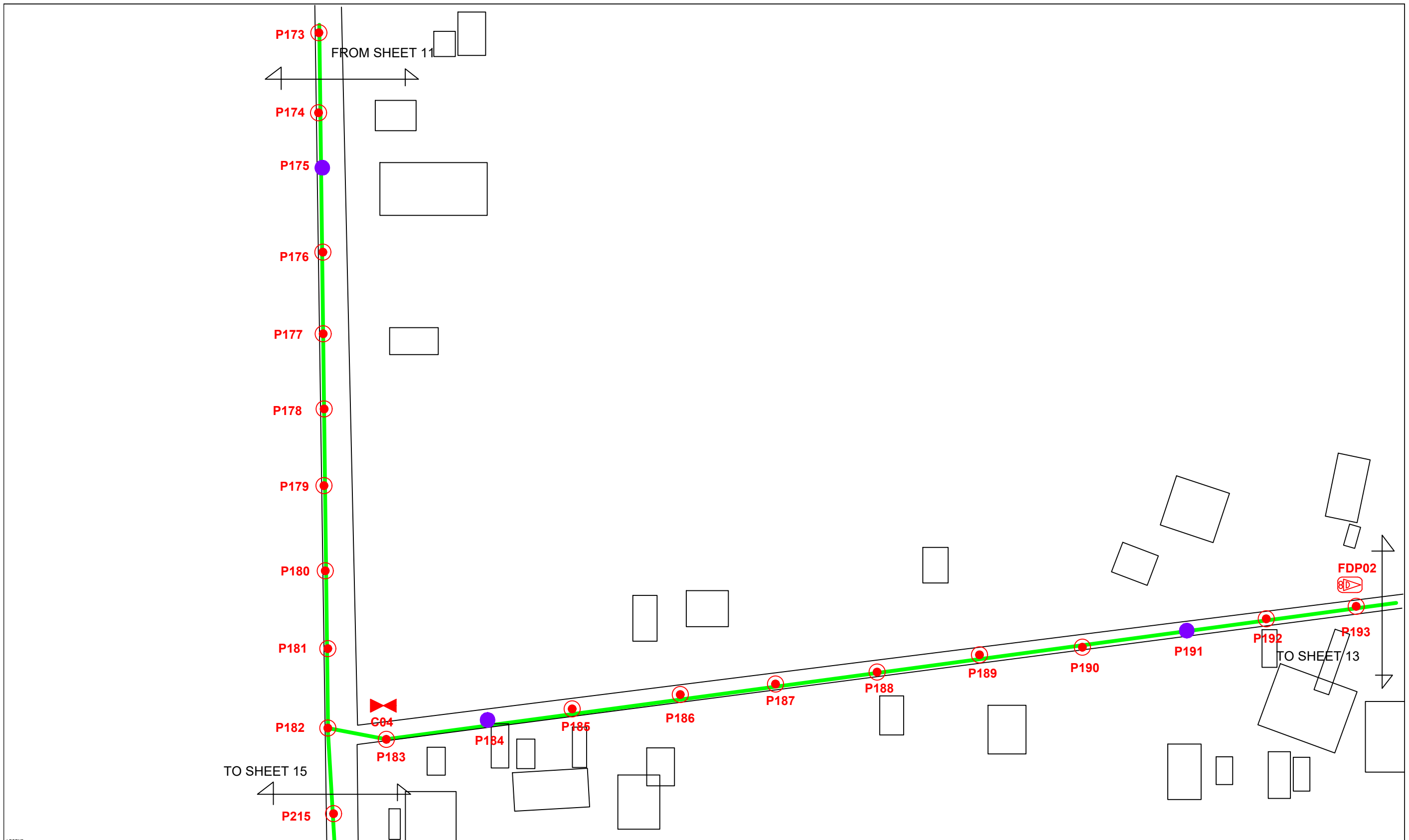
PROJECT PHASE 2

DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARISS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	10/19
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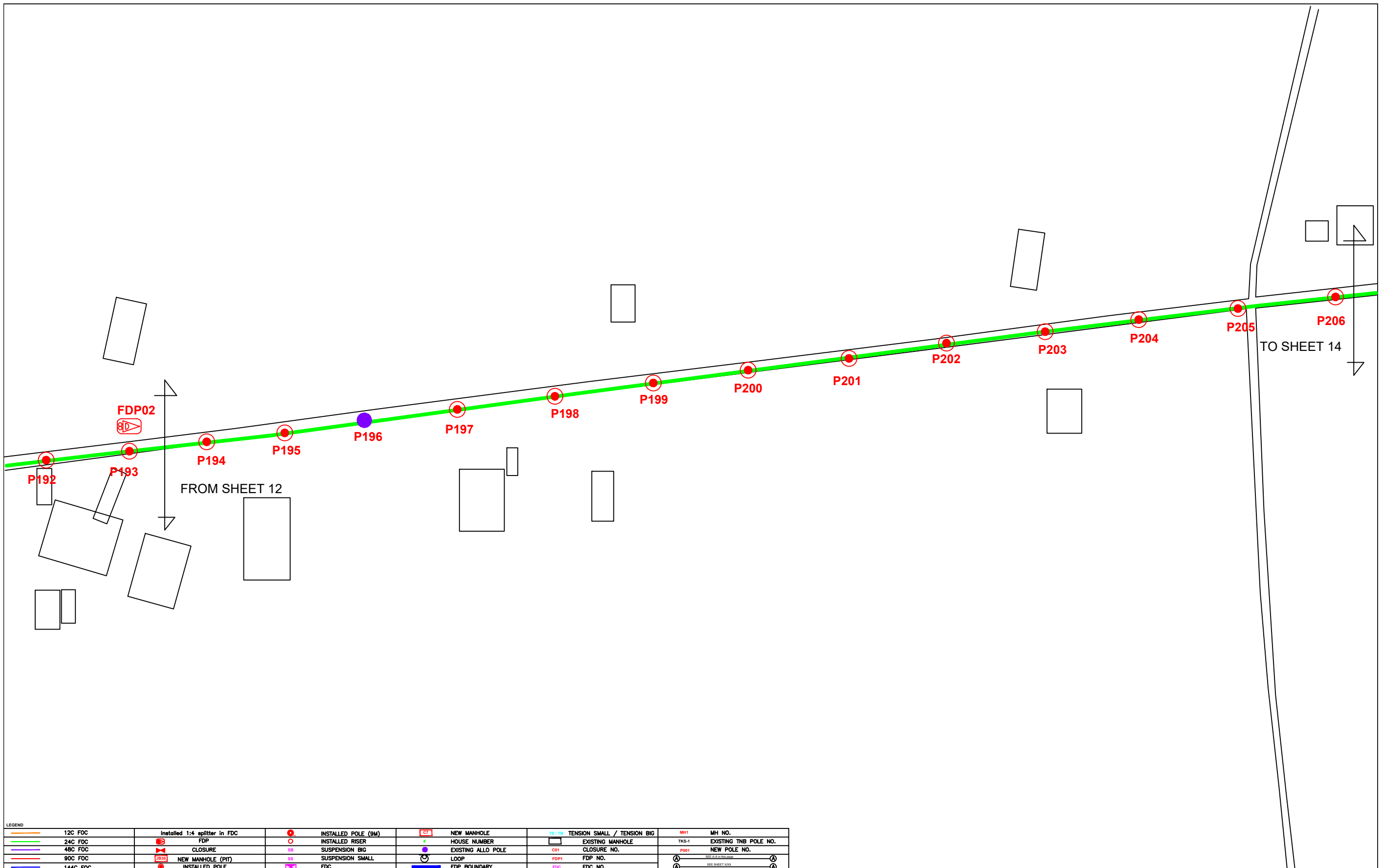
LEGEND		NEW MANHOLE		TENSION SMALL / TENSION BIG		MH NO.	
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TS / TB	TENSION SMALL / TENSION BIG	MH1	MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE		TKS-1	EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	C01	CLOSURE NO.	P001	NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1	FDP NO.		
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC	FDC NO.		

KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR  PRIVASAT	SUB-CONTRACTOR  KNZ ENGINEERING SDN BHD NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak No Tel: 019-3695071 Email: admin@knzengineering.com.my Website: www.knzengineering.com.my	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM PROJECT PHASE PROJECT PHASE 2	DESIGN BY NABIL	DATE 30/11/2024	DRAWN BY NABIL	SCALE NOT TO SCALE	CHECKED BY AZHAN HARIS	JOB NUMBER ABAB021	DRAWING NUMBER ABAB021	SHEET 11/19
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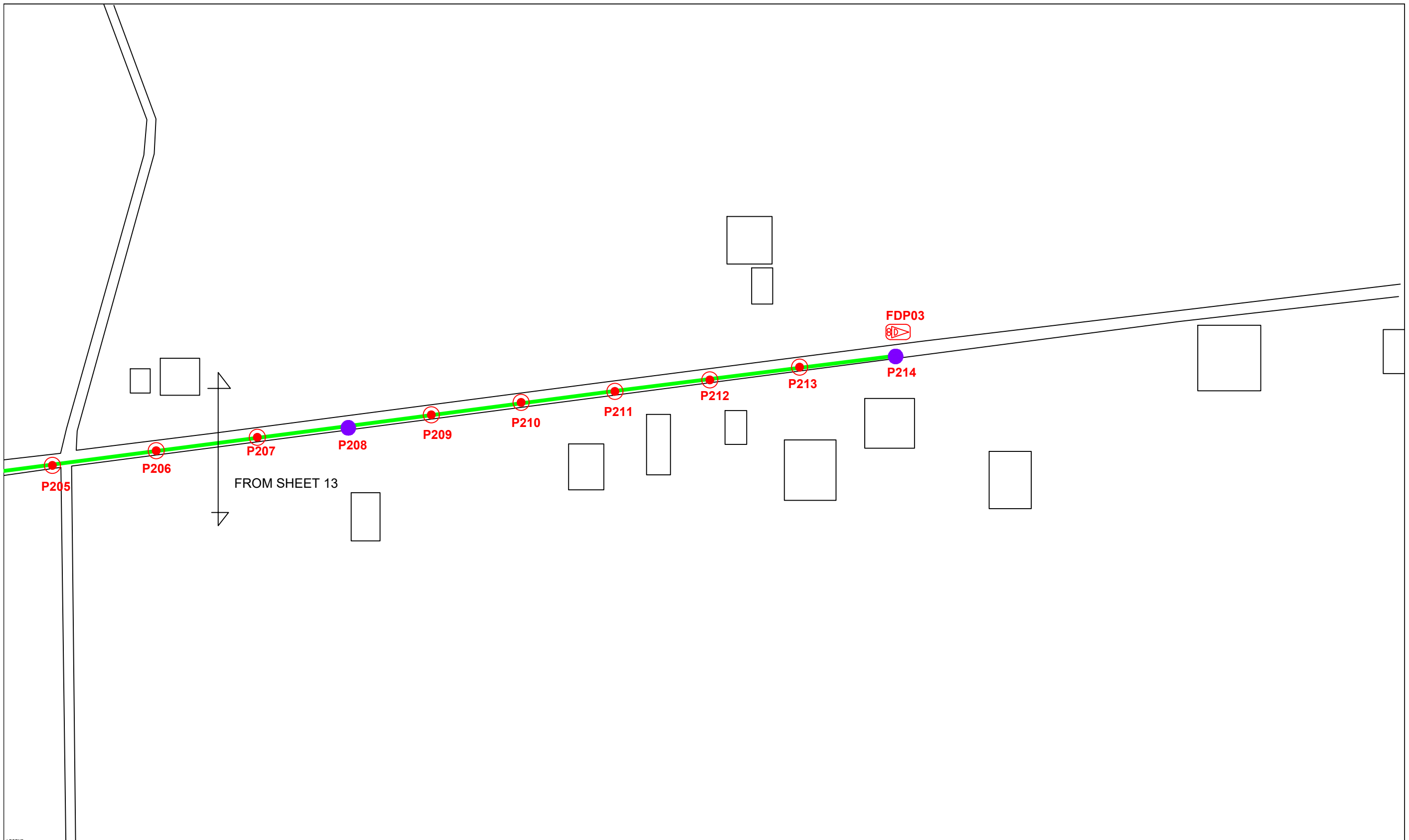
LEGEND	
	12C FOC
	24C FOC
	48C FOC
	90C FOC
	144C FOC
	Installed 1:4 splitter in FDC
	FDP
	CLOSURE
	NEW MANHOLE (PIT)
	INSTALLED POLE
	INSTALLED POLE (9M)
	INSTALLED RISER
	SUSPENSION BIG
	SUSPENSION SMALL
	FDC
	NEW MANHOLE
	HOUSE NUMBER
	EXISTING ALLO POLE
	LOOP
	FDP BOUNDARY
	TENSION SMALL / TENSION BIG
	EXISTING MANHOLE
	CLOSURE NO.
	FDP NO.
	FDC NO.
	MH NO.
	TKS-1 EXISTING TNB POLE NO.
	PO01 NEW POLE NO.
	SEE A.A.D. DRAWING
	SEE SHEET NO.

KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR 	SUB-CONTRACTOR 	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM	DESIGN BY NABIL	DATE 30/11/2024
					PROJECT PHASE PROJECT PHASE 2	DRAWN BY NABIL	SCALE NOT TO SCALE
						CHECKED BY AZHAN HARI	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 12/19
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							A3



LEGEND					
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TENSION SMALL / TENSION BIG	MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE	TKS-1 EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	CLOSURE NO.	PO01 NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP NO.	SEE A.A.D. DRAWING
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC NO.	SEE SHEET 1000


KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR 	SUB-CONTRACTOR 	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM	DESIGN BY NABIL	DATE 30/11/2024
						DRAWN BY NABIL	SCALE NOT TO SCALE
					PROJECT PHASE PROJECT PHASE 2	CHECKED BY AZHAN HARI	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 13/19
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12C FDC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TENSION SMALL / TENSION BIG	MH1	MH NO.
24C FDC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE	TKS-1	EXISTING TNB POLE NO.
48C FDC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	C01	CLOSURE NO.	NEW POLE NO.
90C FDC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1	FDP NO.	SEE A.D.B. DRAWING
144C FDC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC	FDC NO.	SEE SHEET 100X

KEY PLAN

PROJECT OWNER



MAIN CONTRACTOR



PRIVASAT

SUB-CONTRACTOR



KNZ ENGINEERING SDN BHD
 NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak
 No Tel: 019-3695071
 Email: admin@knzengineering.com.my
 Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

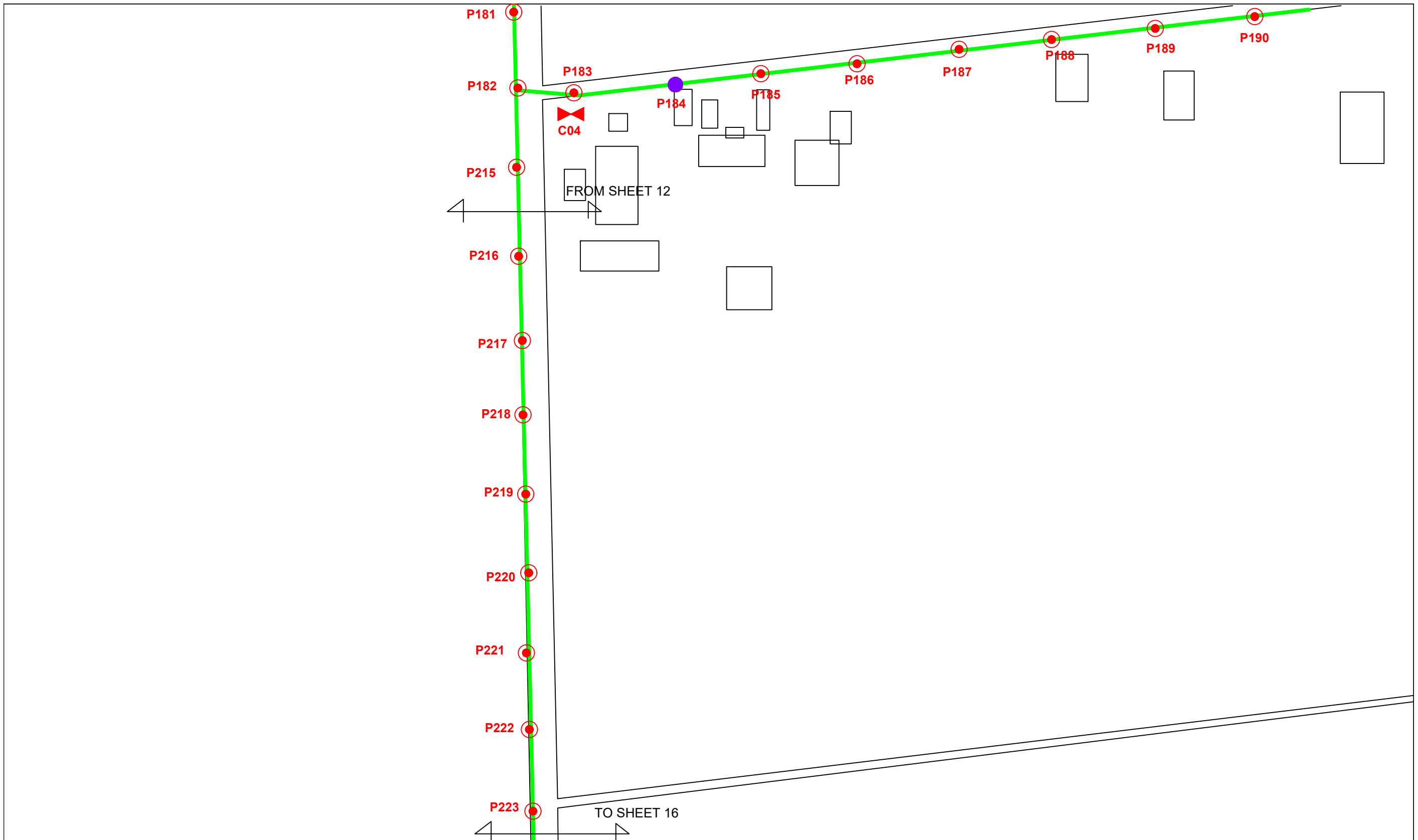
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

PROJECT PHASE 2

DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARISS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	14/19
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LEGEND		NEW MANHOLE		TENSION SMALL / TENSION BIG		MH NO.	
12C FOC	Installed 1:4 splitter in FDC	NEW MANHOLE	NEW MANHOLE	TS / TB	TENSION SMALL / TENSION BIG	MH1	MH NO.
24C FOC	FDP	HOUSE NUMBER	EXISTING MANHOLE	TKS-1	EXISTING MANHOLE	TKS-1	EXISTING TNB POLE NO.
48C FOC	CLOSURE	EXISTING ALLO POLE	CLOSURE NO.	CB1	CLOSURE NO.	POB1	NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	LOOP	FDP1	FDP1	FDP NO.	SEE A.A.D. FOR DIM	SEE SHEET 100A
144C FOC	INSTALLED POLE	FDC BOUNDARY	FDC	FDC	FDC NO.	SEE SHEET 100A	SEE SHEET 100A

KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR 	SUB-CONTRACTOR 	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM	DESIGN BY NABIL	DATE 30/11/2024
			KNZ ENGINEERING SDN BHD NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak No Tel: 019-3695071 Email: admin@knzengineering.com.my Website: www.knzengineering.com.my		PROJECT PHASE PROJECT PHASE 2	DRAWN BY NABIL	SCALE NOT TO SCALE
						CHECKED BY AZHAN HARIS	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 15/19
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FROM SHEET 15

P222

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TO SHEET 17

LEGEND		NEW MANHOLE		TENSION SMALL / TENSION BIG		MH NO.	
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TS / TB	TENSION SMALL / TENSION BIG	MH1	MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	TKS-1	EXISTING MANHOLE	TKS-1	EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	CB1	CLOSURE NO.	PO01	NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1	FDP NO.	SEE A.A.D. DRAWING	SEE SHEET NO.
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC	FDC NO.	SEE SHEET NO.	SEE SHEET NO.

KEY PLAN

PROJECT OWNER



MAIN CONTRACTOR



PRIVASAT

SUB-CONTRACTOR



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PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

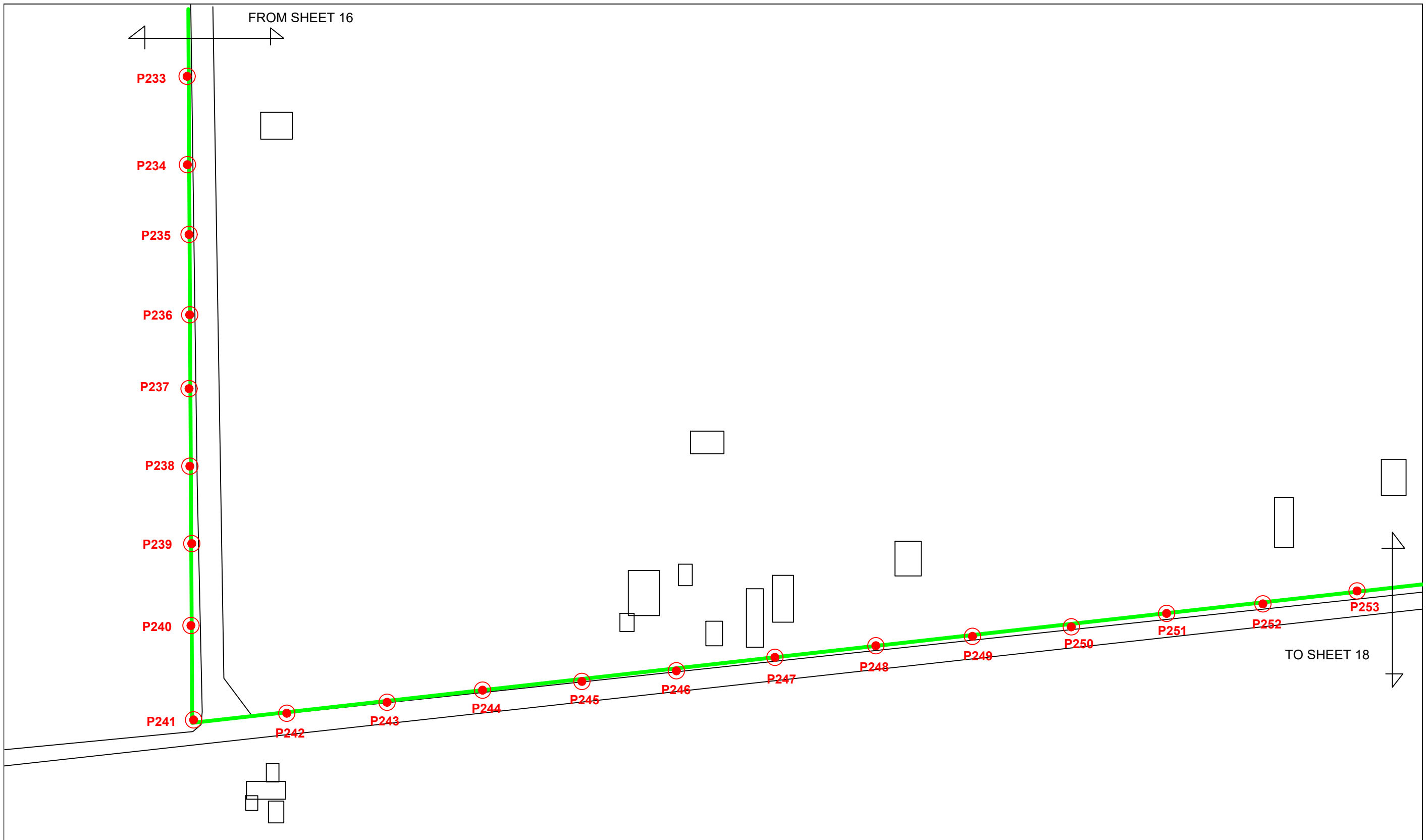
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

PROJECT PHASE 2


DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARIS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	16/19
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LEGEND	
12C FOC	Installed 1:4 splitter in FDC
24C FOC	FDP
48C FOC	CLOSURE
90C FOC	NEW MANHOLE (PIT)
144C FOC	INSTALLED POLE
●	INSTALLED POLE (9M)
○	INSTALLED RISER
○	SUSPENSION BIG
○	SUSPENSION SMALL
○	FDC
■	NEW MANHOLE
■	HOUSE NUMBER
■	EXISTING ALLO POLE
○	LOOP
—	FDP BOUNDARY
□	EXISTING MANHOLE
□	CLOSURE NO.
○	FDP NO.
○	FDC NO.
TS / TB	TENSION SMALL / TENSION BIG
MH1	MH NO.
TKS-1	EXISTING TNB POLE NO.
PO01	NEW POLE NO.


KEY PLAN

PROJECT OWNER




KEMENTERIAN
KORPORASI DAN DIGITAL

MAIN CONTRACTOR




APEX
COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR



KNZ
Engineering

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No Tel: 019-3695071
Email: admin@knzengineering.com.my
Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

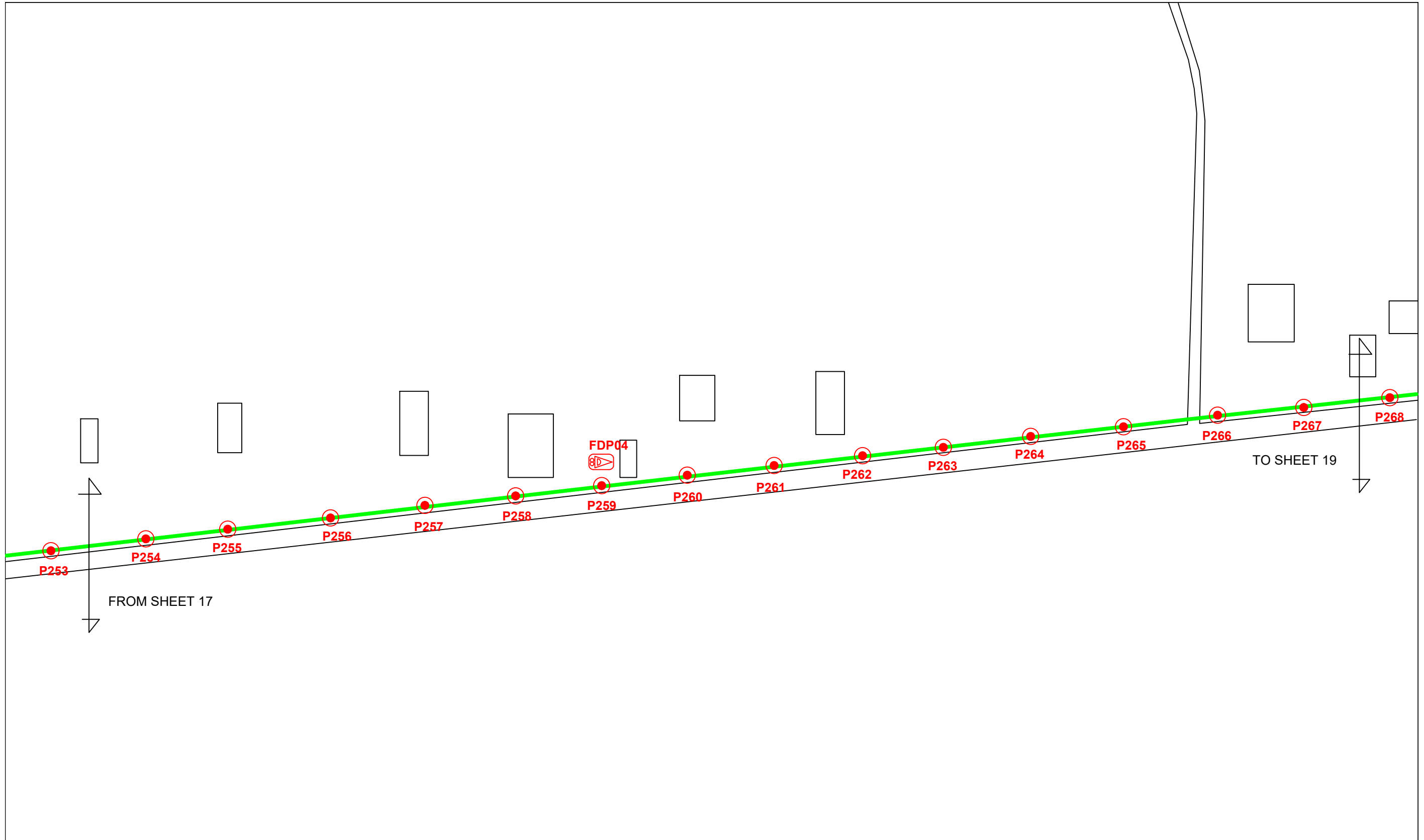
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

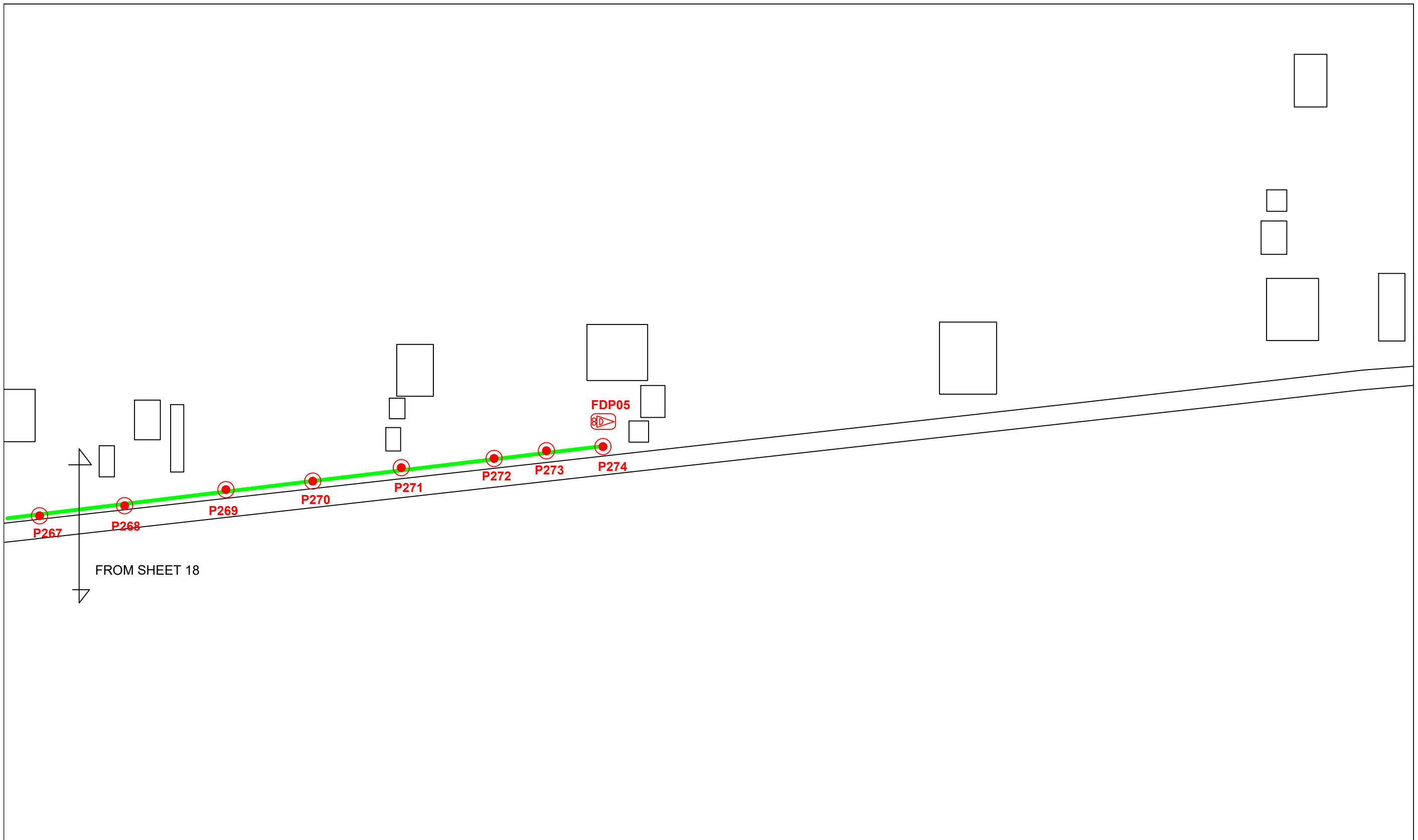
PROJECT PHASE 2

DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARISS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	17/19
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LEGEND					
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TENSION SMALL / TENSION BIG	MH1 MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	EXISTING MANHOLE	TKS-1 EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	C01 CLOSURE NO.	P001 NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1 FDP NO.	SEE A.A.D. SHEET
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC FDC NO.	SEE SHEET 1000


KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR 	SUB-CONTRACTOR 	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN KHIR JOHARI	DESIGN BY NABIL	DATE 30/11/2024
						DRAWN BY NABIL	SCALE NOT TO SCALE
						CHECKED BY AZHAN HARISS	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 18/19
						PROJECT PHASE PROJECT PHASE 2	THIS PRINT AND ITS COPYRIGHT ARE THE PROPERTY OF KNZ ENGINEERING SDN. BHD.
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LEGEND	
12C FOC	Installed 1:4 splitter in FDC
24C FOC	FDP
48C FOC	CLOSURE
90C FOC	NEW MANHOLE (PIT)
144C FOC	INSTALLED POLE
INSTALLED POLE (9M)	INSTALLED RISER
SUSPENSION BIG	SUSPENSION SMALL
FDC	
NEW MANHOLE	HOUSE NUMBER
EXISTING ALLO POLE	LOOP
FDP BOUNDARY	
TENSION SMALL / TENSION BIG	EXISTING MANHOLE
CLOSURE NO.	FDP NO.
FDC NO.	
MH NO.	EXISTING TNB POLE NO.
NEW POLE NO.	

KEY PLAN

PROJECT OWNER



MAIN CONTRACTOR



PRIVASAT

SUB-CONTRACTOR



KNZ ENGINEERING SDN BHD
 NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak
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 Email: admin@knzengineering.com.my
 Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

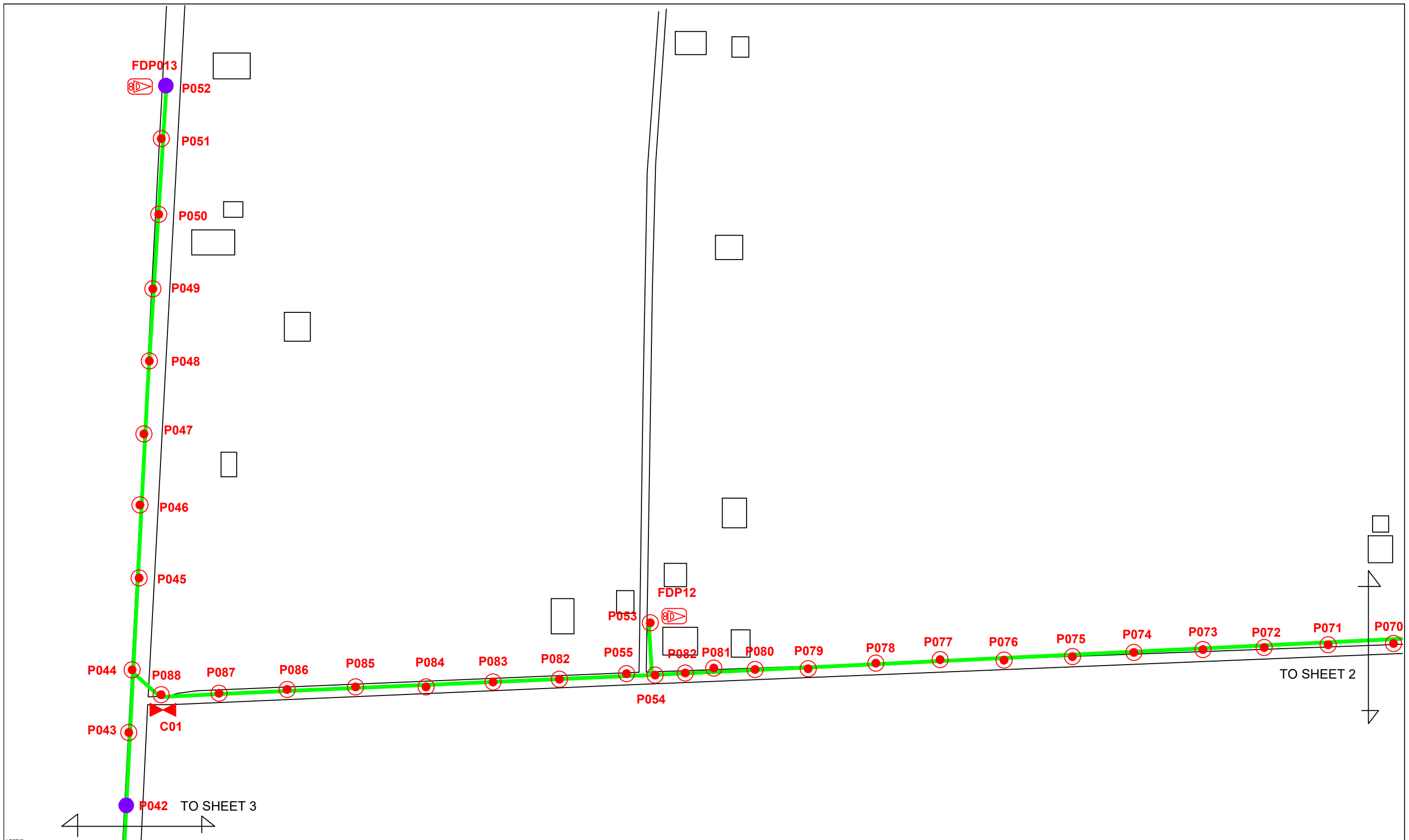
DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

PROJECT PHASE

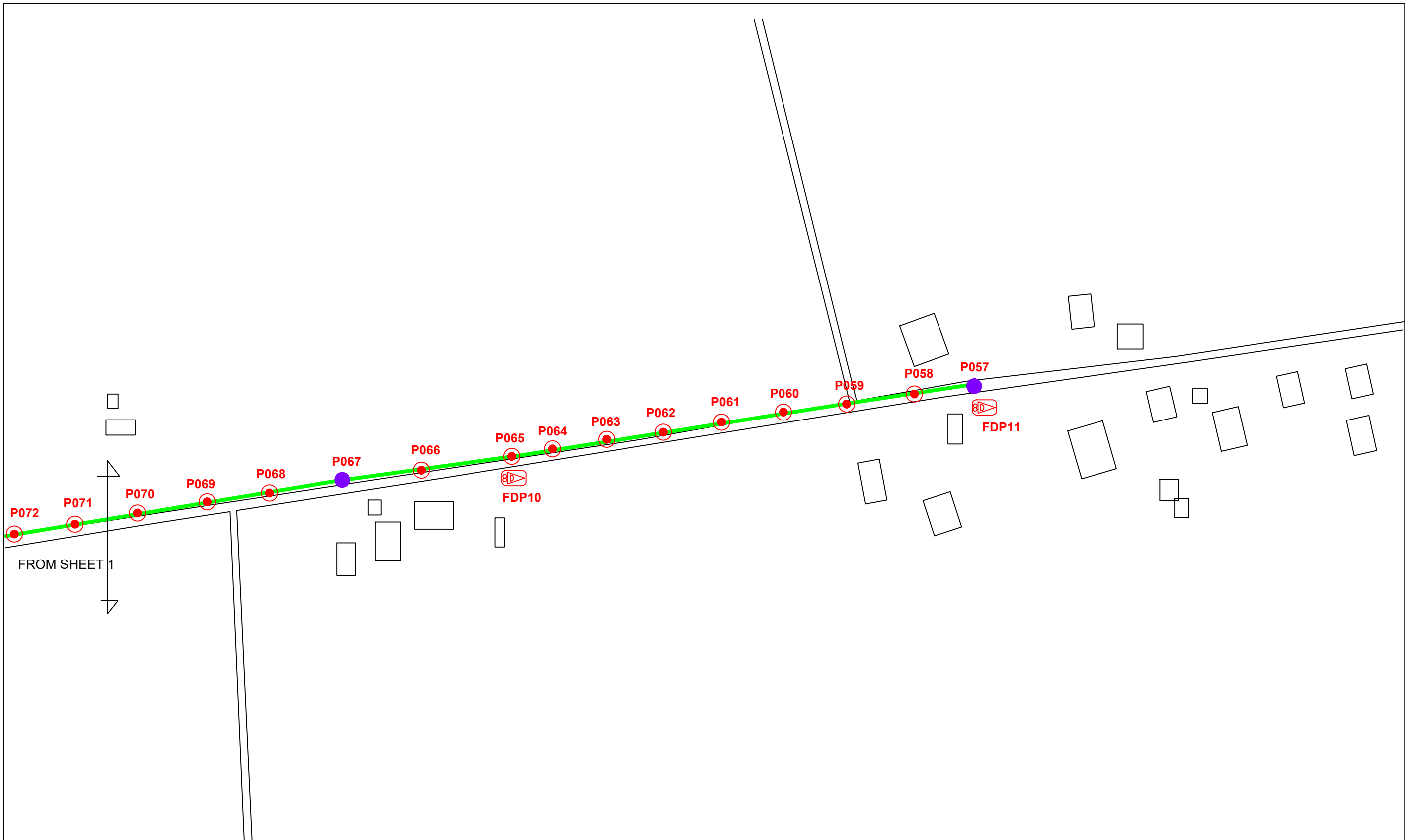
PROJECT PHASE 2

DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARISS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	19/19
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LEGEND	
12C FOC	Installed 1:4 splitter in FDC
24C FDC	FDP
48C FDC	CLOSURE
90C FDC	NEW MANHOLE (PIT)
144C FDC	INSTALLED POLE
●	INSTALLED POLE (9M)
○	INSTALLED RISER
○	SUSPENSION BIG
○	SUSPENSION SMALL
□	FDC
EF	NEW MANHOLE
+	HOUSE NUMBER
●	EXISTING ALLO POLE
○	LOOP
—	FDP BOUNDARY
TS / TB	TENSION SMALL / TENSION BIG
□	EXISTING MANHOLE
CB1	CLOSURE NO.
FDP1	FDP NO.
FDC	FDC NO.
MH1	MH NO.
TKS-1	EXISTING TNB POLE NO.
P001	NEW POLE NO.


KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR 	SUB-CONTRACTOR 	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM	DESIGN BY NABIL	DATE 30/11/2024
					PROJECT PHASE PROJECT PHASE 2	DRAWN BY NABIL	SCALE NOT TO SCALE
						CHECKED BY AZHAN HARIS	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 1/19
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LEGEND	
12C FOC	Installed 1:4 splitter in FDC
24C FOC	FDP
48C FOC	CLOSURE
90C FOC	NEW MANHOLE (PIT)
144C FOC	INSTALLED POLE
INSTALLED POLE (9M)	INSTALLED RISER
SUSPENSION BIG	SUSPENSION SMALL
FDC	
NEW MANHOLE	HOUSE NUMBER
EXISTING ALLO POLE	LOOP
FDP BOUNDARY	
TENSION SMALL / TENSION BIG	EXISTING MANHOLE
CLOSURE NO.	FDP NO.
FDC NO.	
MH NO.	EXISTING TNB POLE NO.
NEW POLE NO.	

KEY PLAN

PROJECT OWNER




MAIN CONTRACTOR



PRIVASAT

SUB-CONTRACTOR



KNZ ENGINEERING SDN BHD
NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak
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Email: admin@knzengineering.com.my
Website: www.knzengineering.com.my

PROJECT TITLE

SEKOLAH KEBANGSAAN SUNGAI PERGAM

DRAWING TITLE

TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM

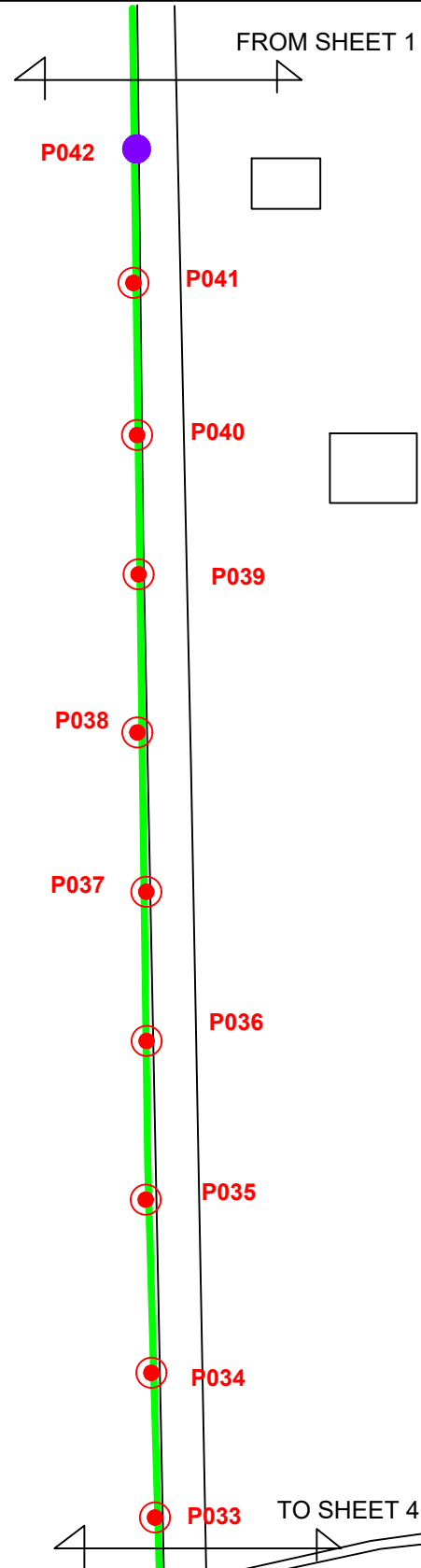
PROJECT PHASE

PROJECT PHASE 2

DESIGN BY	NABIL	DATE	30/11/2024
DRAWN BY	NABIL	SCALE	NOT TO SCALE
CHECKED BY	AZHAN HARISS	JOB NUMBER	ABAB021
DRAWING NUMBER	ABAB021	SHEET	2/19

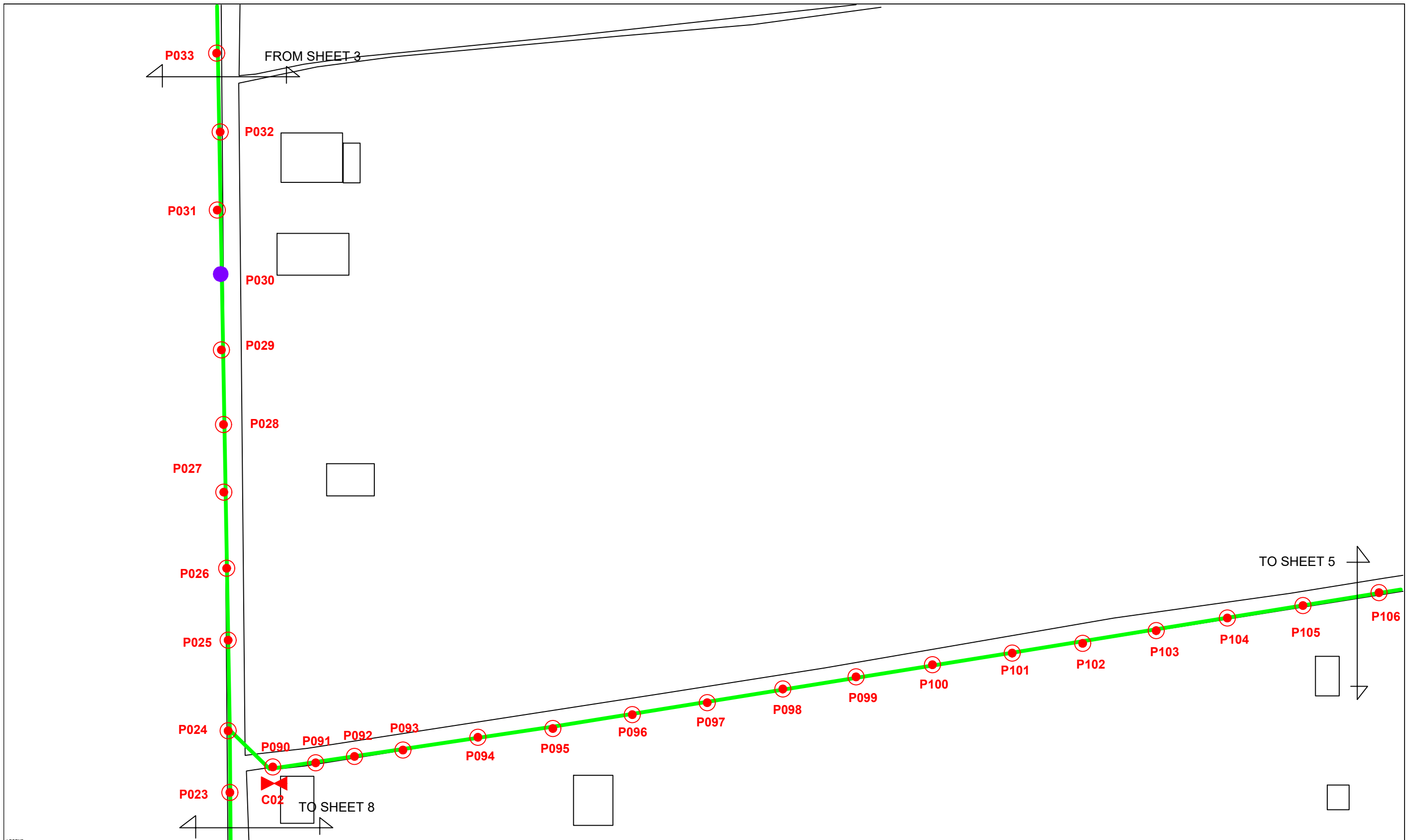
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LEGEND		NEW MANHOLE		TENSION SMALL / TENSION BIG		MH NO.	
12C FOC	Installed 1:4 splitter in FDC	INSTALLED POLE (9M)	NEW MANHOLE	TS / TB	TENSION SMALL / TENSION BIG	MH1	MH NO.
24C FOC	FDP	INSTALLED RISER	HOUSE NUMBER	TKS-1	EXISTING MANHOLE	TKS-1	EXISTING TNB POLE NO.
48C FOC	CLOSURE	SUSPENSION BIG	EXISTING ALLO POLE	CB1	CLOSURE NO.	PO01	NEW POLE NO.
90C FOC	NEW MANHOLE (PIT)	SUSPENSION SMALL	LOOP	FDP1	FDP NO.	A	SEE A.A.D. SHEET
144C FOC	INSTALLED POLE	FDC	FDP BOUNDARY	FDC	FDC NO.	A	SEE SHEET 100K

KEY PLAN	PROJECT OWNER 	MAIN CONTRACTOR  PRIVASAT	SUB-CONTRACTOR  KNZ ENGINEERING SDN BHD NO. 60 & 60A, Jalan Klebang Indah 1, Medan Klebang Indah, 30100 Ipoh, Perak No Tel: 019-3695071 Email: admin@knzengineering.com.my Website: www.knzengineering.com.my	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM PROJECT PHASE PROJECT PHASE 2	DESIGN BY NABIL	DATE 30/11/2024
						DRAWN BY NABIL	SCALE NOT TO SCALE
						CHECKED BY AZHAN HARIS	JOB NUMBER ABAB021
						DRAWING NUMBER ABAB021	SHEET 3/19
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LEGEND	
12C FOC	Installed 1:4 splitter in FDC
24C FOC	FDP
48C FOC	CLOSURE
90C FOC	NEW MANHOLE (PIT)
144C FOC	INSTALLED POLE
INSTALLED POLE (9M)	INSTALLED RISER
SUSPENSION BIG	SUSPENSION SMALL
FDC	
NEW MANHOLE	HOUSE NUMBER
EXISTING ALLO POLE	LOOP
FDP BOUNDARY	
TENSION SMALL / TENSION BIG	EXISTING MANHOLE
CLOSURE NO.	FDP NO.
FDC NO.	
MH NO.	EXISTING TNB POLE NO.
NEW POLE NO.	

KEY PLAN 	PROJECT OWNER 	MAIN CONTRACTOR 	SUB-CONTRACTOR 	PROJECT TITLE SEKOLAH KEBANGSAAN SUNGAI PERGAM	DRAWING TITLE TECHNICAL PROPOSAL (TP) DRAWING FOR SEKOLAH KEBANGSAAN SUNGAI PERGAM PROJECT PHASE PROJECT PHASE 2	DESIGN BY NABIL DATE 30/11/2024	DRAWN BY NABIL SCALE NOT TO SCALE	CHECKED BY AZHAN HARISS JOB NUMBER ABAB021	DRAWING NUMBER ABAB021 SHEET 4/19
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