

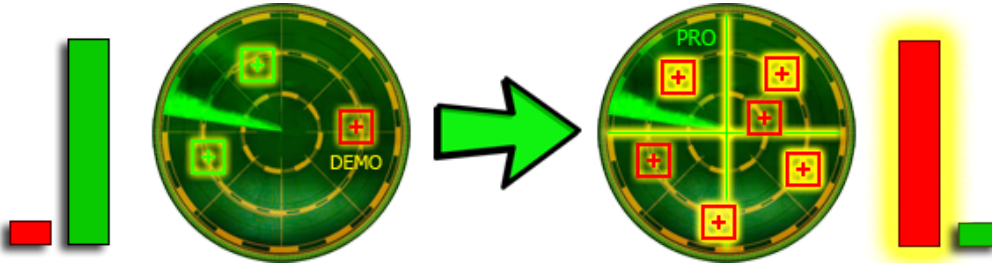
Plagiarism Detector v. 1872 - Originality Report 14/03/2021 20:45:45

Analyzed document: ABSTRAK VINSENSIUS NUWA.docx Licensed to: Originality report generated by unregistered Demo version!

? Comparison Preset: Rewrite ? Detected language:
? Check type: Internet Check

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Detect **more Plagiarism** with **Licensed Plagiarism Detector**:



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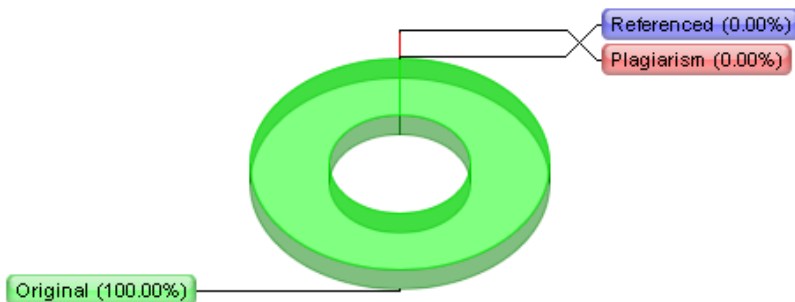
1. **Complete** resources processing - with **more results!**
2. **Side-by-side compare** with detailed analysis!
3. **Faster** processing **speed, deeper detection!**
4. **Advanced statistics**, Originality Reports management!
5. Many other **cool functions** and **options!**

Get your **5% discount**:



Detailed document body analysis:

? Relation chart:



? Distribution graph:

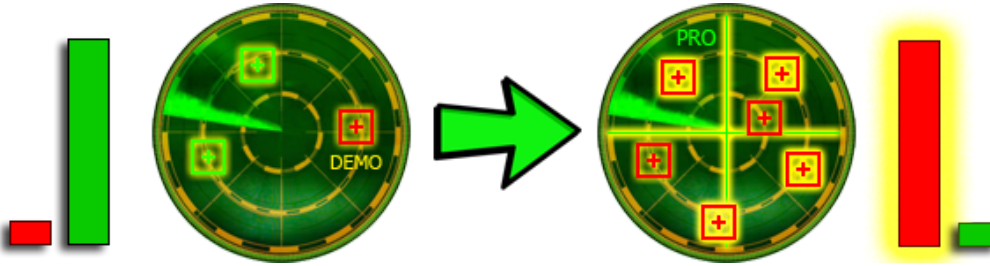
Plagiarism Detector v. 1872 - Originality Report 14/03/2021 21:35:19

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Detect **more Plagiarism** with **Licensed Plagiarism Detector**:



Order your **Lifetime License** packed with features:

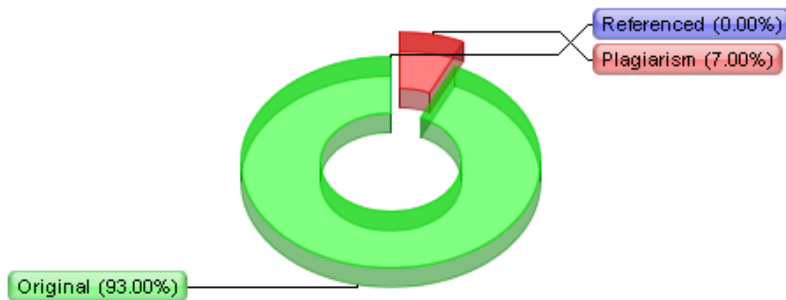
1. **Complete** resources processing - with **more results!**
2. **Side-by-side compare** with detailed analysis!
3. **Faster** processing **speed, deeper detection!**
4. **Advanced statistics**, Originality Reports management!
5. Many other **cool functions** and **options!**

Get your **5% discount**:



Detailed document body analysis:

? Relation chart:



? Distribution graph:

LAMPIRAN A

PETA LOKASI PENELITIAN

Lamp. A. Peta Lokasi Penelitian



LAMPIRAN B

DATA PENGUKURAN LAPANGAN



FORM TACHYMETRI

THEO-SOKIA

PEKERJAAN : PENELITIAN TUGAS AKHIR/SKRIPSI

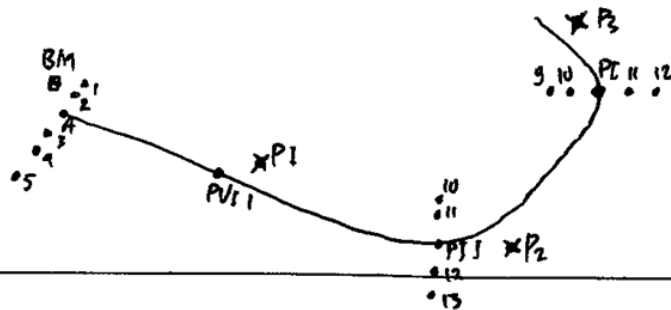
DIUKUR OLEH : Vinsonsus Nurra

LOKASI : Jalan Limtas Flores Sta 16+000 s/d Sta 18+000
Kabupaten Ende.

TGL UKUR : Selasa, 10/11/2020

No Pawat	Tinggi Alat	Target	Bacaan Rambu Ukur			Bacaan Skala Horizontal			Bacaan Skala Vertikal			Jarak (m)		Beda Tinggi Δh (m)
			BA	BT	BB	°	'	''	°	'	''	Optis	Datar	
		BM	0,509	0,415	0,261	174	3	10	09	10	0			
P1	1,425													
		1	0,336	0,101	0,026	140	7	0	06	50	10			
		2	1,433	1,204	1,145	153	22	50	06	50	10			
		3	1,379	1,254	1,111	156	27	30	06	50	10			
		A	1,293	1,151	1,009	164	4	30	06	50	10			
		4	1,202	1,140	1,004	170	36	10	06	50	10			
		5	1,156	1,030	1,004	173	39	10	06	50	10			
		PVI 1	1,576	1,413	1,204	150	22	50	06	50	10			
		10	2,51	2,106	2,302	354	0	10	06	50	10			
		11	2,1447	2,134	2,233	350	57	30	06	50	10			
		PI 1	2,321	2,200	2,035	5	51	10	06	50	10			
		12	2,203	2,161	2,039	13	53	40	06	50	10			
		13	2,7346	2,216	2,006	17	10	0	06	50	10			
		P2	2,604	2,504	2,324	1	14	10	06	50	10			
P2	1,400													
		P1	0,556	0,379	0,194	101	14	10	30	0	10			
		9	1,907	1,700	1,509	206	63	50	30	0	10			
		10	1,071	1,671	1,471	200	43	30	30	0	10			
		PI 2	1,01	1,604	1,390	292	73	10	30	0	10			
		11	1,723	1,508	1,293	297	22	30	30	0	10			
		12	1,832	1,615	1,390	298	32	40	30	0	10			
		P3	1,057	1,563	1,264	209	28	50	30	0	10			
P3	1,400													
		P2	1,701	1,400	1,115	109	20	50	30	0	20			
		PVI 2	0,536	0,302	0,068	20	47	31	30	0	20			
		6	0,260	0,455	0,142	295	45	50	03	15	30			
		7	0,65	0,134	0,03	226	10	50	03	15	30			

Sketsa :





FORM TACHYMETRI

THEO-SOKIA

PEKERJAAN : PENELITIAN TUGAS AKHIR/SKRIPSI

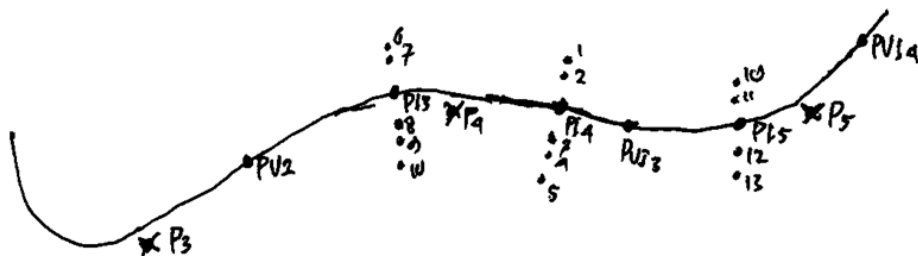
DIUKUR OLEH :

LOKASI :

TGL. UKUR :

No Pswt	Tinggi Alat	Target	Bacaan Rambu Ukur			Bacaan Skala Horizontal			Bacaan Skala Vertikal			Jarak (m)		Beda Tinggi Δh (m)
			BA	BT	BB	°	'	"	°	'	"	Optis	Datar	
		P13	0,054	0,55	0,246	230	33	10	09	15	30			
		0	0,076	0,673	0,37	233	41	10	09	15	30			
		3	0,041	0,641	0,341	234	14	30	09	15	30			
		10	0,77	0,47	0,17	239	53	20	09	11	20			
		P4	2,171	1,700	1,405	239	23	40	09	5	30			
		P4	1,515											
		P3	0,05	0,460	0,006	59	23	40	09	29	50			
		1	0,460	0,325	0,102	249	27	50	09	13	50			
		2	0,345	0,205	0,065	252	39	40	09	13	50			
		P14	0,410	0,203	0,140	250	10	60	09	13	50			
		3	0,501	0,45	0,319	265	53	10	09	13	50			
		4	0,505	0,455	0,325	260	41	20	09	13	50			
		5	0,507	0,375	0,243	201	50	20	09	13	50			
		P13	0,714	0,476	0,230	260	42	29	09	13	50			
		10	1,223	0,776	0,329	269	10	50	06	50	50			
		11	1,075	0,626	0,177	271	31	50	06	50	50			
		P15	0,80	0,53	0,100	273	35	60	06	50	50			
		12	1,260	0,101	0,352	275	30	40	06	43	10			
		13	1,319	0,062	0,406	275	17	40	06	43	10			
		P5	1,685	1,115	0,605	273	35	60	06	43	10			
		P5	1,491											
		P4	2,092	2,345	1,790	43	35	60	03	2	30			
		1	0,090	0,764	0,644	213	19	60	09	33	10			
		2	0,600	0,580	0,400	210	49	40	09	33	10			
		P16	0,446	0,35	0,254	227	29	30	09	33	10			
		3	0,366	0,272	0,170	237	50	40	09	33	10			
		4	0,413	0,335	0,24	242	2	40	09	33	10			
		P14	0,770	0,399	0,02	225	14	20	09	33	10			
		9	1,20	0,999	0,710	221	20	40	06	57	30			

Sketsa :





FORM TACHYMETRI

THEO-SOKIA

PEKERJAAN : PENELITIAN TUGAS AKHIR/SKRIPSI

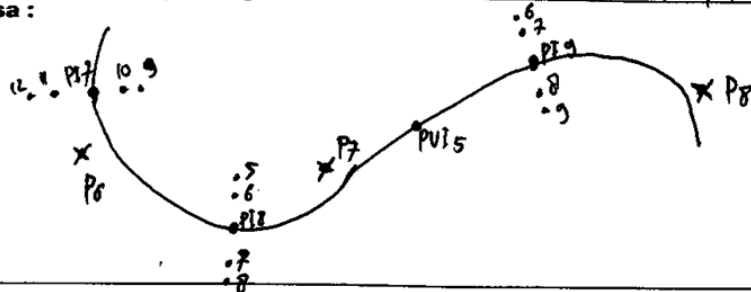
DIUKUR OLEH :

LOKASI :

TGL. UKUR :

No Pawat	Tinggi Alat	Target	Bacaan Rambu Ukur			Bacaan Skala Horizontal			Bacaan Skala Vertikal			Jarak (m)		Beda Tinggi Ah (m)
			BA	BT	BB	°	'	"	°	'	"	Optis	Datar	
		10	1,212	0,933	0,640	222	26	30	06	57	30			
		P17	1,154	0,862	0,57	225	4	40	06	57	30			
		11	1,146	0,844	0,542	220	3	30	06	57	30			
		12	1,232	0,93	0,620	223	21	50	06	57	30			
		P6	1,331	1,04	0,609	224	5	20	06	57	30			
P6	1,51													
		P5	2,103	1,60	1,33	214	5	20	33	10	40			
		5	0,362	0,247	0,132	137	36	60	09	29	0			
		6	0,264	0,149	0,034	130	20	20	123	29	0			
		P10	0,309	0,100	0,067	139	13	60	09	40	10			
		7	0,209	0,159	0,029	146	35	10	04	20	30			
		0	0,327	0,194	0,061	149	4	60	09	20	30			
		P7	0,735	0,617	0,459	117	13	60	07	54	20			
P7	1,37													
		P6	0,155	0,139	0,123	287	13	60	35	27	40			
		P15	0,194	0,1462	0,113	93	36	20	00	14	0			
		6	0,136	0,109	0,010	97	60	30	06	42	30			
		7	0,456	0,206	0,116	99	53	60	06	30	40			
		P19	0,595	0,429	0,263	105	12	30	06	20	40			
		8	0,015	0,651	0,407	112	40	60	06	20	40			
		9	0,025	0,166	0,1495	115	25	40	06	20	40			
		P8	0,303	0,159	0,1255	114	1	40	05	55	40			
P8	1,475													
		P7	2,79	2,46	2,13	66	1	40	35	55	20			
		1	0,751	0,653	0,635	140	37	40	08	54	50			
		2	0,711	0,662	0,593	203	41	20	08	54	50			
		P10	0,402	0,316	0,105	221	11	50	08	54	50			

Sketsa :





FORM TACHYMETRI

THEO-SOKIA

PEKERJAAN : PENELITIAN TUGAS AKHIR/SKRIPSI

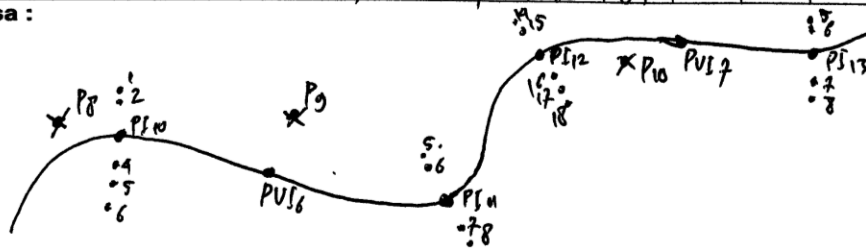
DIUKUR OLEH : _____

LOKASI : _____

TGL. UKUR : _____

No Pswt	Tinggi Alat	Target	Bacaan Rambu Ukur			Bacaan Skala Horizontal			Bacaan Skala Vertikal			Jarak (m)		Beda Tinggi Δh (m)
			BA	BT	BB	°	'	''	°	'	''	Optis	Datar	
		3	1,26	1,103	1,106	233	52	30	00	54	50			
		4	1,380	1,263	1,120	237	53	20	00	54	80			
		5	1,557	1,446	1,335	251	1	40	03	47	10.			
		PVI 6	1,50	1,085	0,159	240	13	52	03	47	10.			
		Pg	0,005	0,512	0,219	221	46	30	05	13	20			
Pg	1,425													
		Pg	2,009	2,616	2,323	41	46	30	39	34	0			
		5	1,829	1,810	1,707	255	12	60	30	40	50.			
		6	0,805	0,749	0,633	257	51	30	30	40	50			
		P11	0,55	0,419	0,280	261	5	20	30	40	50.			
		7	0,302	0,235	0,000	265	10	20	30	40	80			
		P	0,35	0,225	0,107	266	20	40	30	40	80			
		14	0,700	0,585	0,382	210	22	20	05	45	10.			
		15	0,01	0,605	0,4	212	52	30	05	45	10.			
		P12	1,03	0,819	0,660	217	39	50	05	45	40.			
		16	1,263	1,046	0,829	223	24	40	05	45	40.			
		17	1,36	1,139	0,910	225	40	60	05	45	40.			
		18	1,490	1,255	1,012	237	45	30	05	52	40.			
		P10	0,717	0,309	0,061	234	45	30	06	4	10.			
P10	1,359													
		Pg	3,003	2,7	2,37	54	45	30	33	42	0			
		PVI 7	1,375	1,165	0,955	260	45	20	07	30	40			
		5	1,264	0,832	0,4	250	50	10	07	30	40			
		6	1,209	0,779	0,341	259	51	50	07	30	40			
		P13	0,866	0,531	0,286	261	3	10	07	30	40			
		7	0,941	0,502	0,063	263	11	60	07	24	10.			
		P	0,903	0,542	0,101	264	17	10	07	22	10.			
		P11	1,126	0,6	0,074	263	14	40	07	22	10.			

Sketsa :





FORM TACHYMETRI

THEO-SOKIA

PEKERJAAN : PENELITIAN TUGAS AKHIR/SKRIPSI

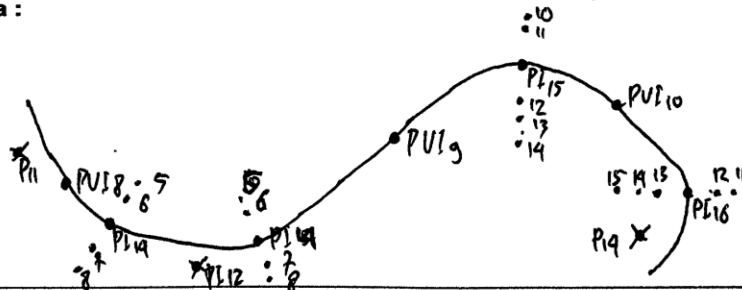
DIUKUR OLEH :

LOKASI :

TGL. UKUR :

No Pswt	Tinggi Alat	Target	Bacaan Rambu Ukur			Bacaan Skala Horizontal			Bacaan Skala Vertikal			Jarak (m)		Beda Tinggi Ah (m)
			BA	BT	BB	°	'	"	°	'	"	Optis	Datar	
P11	1,401													
		P10	1,17	0,645	0,12	03	14	40	93	29	0			
		PV10	0,938	0,856	0,774	232	10	44	09	53	30			
		5	0,605	0,856	0,774	227	33	90	00	53	30			
		6	0,679	0,937	0,1061	220	31	16	00	21	40			
		P114	0,697	0,30	0,1063	231	32	40	00	0	50			
		7	0,642	0,325	0,1000	234	46	40	00	0	50			
		8	0,679	0,359	0,1039	253	10	20	00	0	50			
		P12	0,040	0,1461	0,1074	232	51	30	00	41	40			
P12	1,43													
		P11	3,554	3,171	2,708	52	51	30	90	45	10			
		PV10	1,924	1,061	1,790	170	26	40	00	55	10			
		10	1,02	0,505	0,15	172	23	10	09	20	10			
		11	0,964	0,533	0,102	173	19	40	09	20	10			
		P115	1,092	0,672	0,1252	175	34	20	09	20	10			
		12	1,250	0,839	0,422	177	31	30	09	20	10			
		13	1,31	0,898	0,406	170	34	10	09	20	10			
		14	2,37	1,962	1,554	100	56	30	09	20	20			
		P13	1,13	0,662	0,194	174	60	80	00	2	10			
P13	1,435													
		P12	2,85	2,005	1,62	354	0	50	92	3	40			
		PV10	2,270	1,952	1,625	241	36	40	93	1	0			
		11	2,240	1,020	1,900	243	19	50	93	1	0			
		12	2,261	1,094	1,927	243	52	60	93	1	0			
		P16	2,720	2,327	1,926	246	2	40	93	1	0			
		13	3,147	2,76	2,373	248	13	60	93	1	0			
		14	3,322	2,942	2,562	249	7	20	93	1	0			
		15	3,392	2,904	2,626	253	20	80	93	9	30			
		P14	3,271	2,89	2,509	253	20	20	93	21	20			

Sketsa :





FORM TACHYMETRI
THEO-SOKIA

PEKERJAAN : PENELITIAN TUGAS AKHIR/SKRIPSI

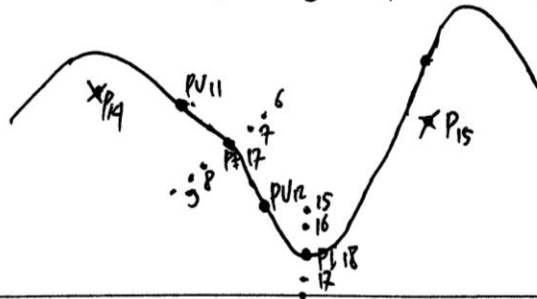
DIUKUR OLEH :

LOKASI :

TGL. UKUR :

No Pswt	Tinggi Alat	Target	Bacaan Rambu Ukur			Bacaan Skala Horizontal			Bacaan Skala Vertikal			Jarak (m)		Beda Tinggi Ah (m)
			BA	BT	BB	°	'	''	°	'	''	Optis	Datar	
P14	142													
		P13	1,008	0,628	0,248	73	20	20	86	3	30			
		PV11	2,274	2,124	1,974	322	42	20	81	38	10			
		6	2,274	2,124	1,974	326	59	50	82	38	10			
		7	2,277	2,131	1,985	328	15	10	82	38	10			
		P17	2,404	2,266	2,118	335	31	50	82	38	10			
		8	2,403	2,356	2,223	341	34	30	82	38	10			
		9	2,558	2,424	2,29	344	4	20	82	38	10			
		PV12	2,648	2,403	2,17	354	10	44	81	38	10			
		15	2,525	2,165	1,805	350	15	30	82	48	0			
		16	2,865	2,10	1,655	352	26	50	82	48	0			
		P18	2,008	1,675	1,301	354	42	10	82	48	0			
		17	1,592	1,21	0,828	356	13	20	82	48	0			
		PV13	1,073	0,77	0,467	362	22	36	82	48	0			
		P15	3,606	3,217	0,748	317	47	40	83	41	0			
P15	146													
		P14	1,403	1,022	0,555	187	47	40	85	55	30			
		1	1,935	1,865	1,785	181	50	40	82	9	10			
		2	1,949	1,821	1,693	194	15	10	82	9	10			
		P19	1,801	1,76	1,633	201	9	60	82	9	10			
		3	1,955	1,834	1,713	203	5	20	82	9	10			
		4	2,11	1,99	1,87	213	9	50	82	9	10			
		PV14	2,648	2,403	2,171	202	15	33	83	9	10			
		9	2,926	2,555	2,264	209	47	60	83	9	10			
		10	2,932	2,609	2,286	209	11	60	83	9	10			
		P120	2,931	2,608	2,305	210	20	30	83	34	50			
		11	3,218	2,939	2,66	212	15	30	83	20	0			
		12	3,216	2,947	2,678	213	58	30	84	2	0			
		13	2,1034	1,848	1,659	224	25	40	87	13	40			

Sketsa :





FORM TACHYMETRI

THEO-SOKIA

PEKERJAAN : PENELITIAN TUGAS AKHIR/SKRIPSI

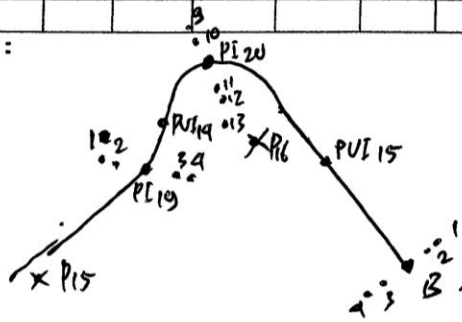
DIUKUR OLEH : _____

LOKASI : _____

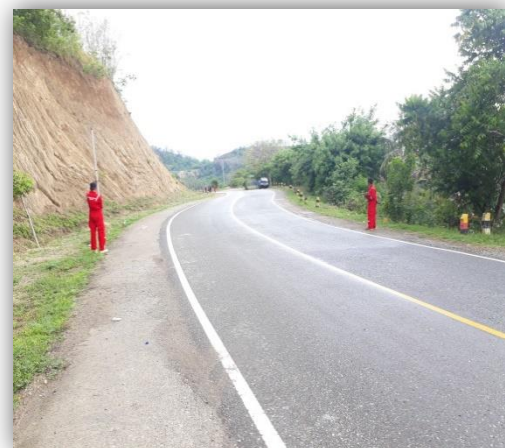
TGL. UKUR : _____

No Pswt	Tinggi Alat	Target	Bacaan Rambu Ukur			Bacaan Skala Horizontal			Bacaan Skala Vertikal			Jarak (m)		Beda Tinggi Δh (m)
			BA	BT	BB	°	'	"	°	'	"	Optis	Datar	
		P16	2,476	2,25	2,004	224	3	30	85	22	0-			
P16	1,35													
		P15	0,745	0,521	0,297	44	9	30	84	40	50			
		P115	2,65	2,535	2,535	326	14	44	82	0	50			
		1	2,579	2,334	2,334	326	54	10	81	8	30			
		2	2,403	2,235	2,235	328	27	60	81	8	30			
		3	2,276	2,02	2,02	331	1	10	81	8	30			
		5	0,057	1,793	1,793	334	4	40	81	8	30			
		4	2,058	1,73	1,73	336	46	40	81	8	30			
		P17	2,65	2,87	2,87	321	8	50	82	8	30			

Sketsa :



Lamp. B.2 Foto Pengukuran Lapangan





LAMPIRAN C

ANALISIS HASIL PENGUKURAN

Lamp. C.1 Hasil Analisis Pengukuran Lapangan

PEKERJAAN		FORM TACHYMETRI										DIUKUR OLEH		: VINSSENSIUS NUWA							
LOKASI		THEO-SOKIA										TGL. PENGUKURAN		: SELASA, 10-11-2020							
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
P1	1.425	BM	0.569	0.415	0.261	174	3	10	89	10	0	30.800	30.797	3.1909219	-30.6309869	1.4579520	127.9221216	-52.4577515	54.000		
		1	0.336	0.181	0.026	140	7	0	86	58	10	31.000	30.957	19.8502200	-23.7546352	2.8829239	144.5814197	-45.5813998	55.425		
		2	1.433	1.289	1.145	153	22	50	86	58	10	28.800	28.760	12.8861536	-25.7112562	1.6586132	137.6173532	-47.5380208	54.201		
		3	1.397	1.254	1.111	156	27	30	86	58	10	28.600	28.560	11.4073182	-26.1829492	1.6830395	136.1385178	-48.0097139	54.225		
		A	1.293	1.151	1.009	164	4	30	86	58	10	28.400	28.360	7.7814611	-27.2718621	1.7754658	132.5126607	-49.0986268	54.318		
		4	1.292	1.148	1.004	170	36	10	86	58	10	28.800	28.760	4.6958338	-28.3737695	1.7996132	129.4270335	-50.2005341	54.342		
		5	1.576	1.43	1.284	173	34	10	86	58	10	29.200	29.159	3.2657939	-28.9757035	1.5387606	127.9969935	-50.8024682	54.081		
		PV11	1.576	1.43	1.284	158	22	50	86	58	10	29.2	29.159	10.74340414	-27.10785994	1.53876058	129.7771387	-24.2511626	53.039		
		10	2.51	2.406	2.302	354	0	10	86	58	10	20.800	20.771	-2.1701499	20.6572308	0.1186651	122.5610498	-1.1695338	52.661		
		11	2.447	2.34	2.233	358	57	30	86	58	10	21.400	21.370	-0.3884975	21.3665401	0.2163862	124.3427022	-0.4602246	52.758		
		PI 1	2.321	2.208	2.095	5	51	10	86	58	10	22.600	22.568	2.3013597	22.4507490	0.4118284	127.0325593	0.6239843	52.954		
		12	2.283	2.161	2.039	13	53	40	86	58	10	24.400	24.366	5.8510733	23.6529250	0.5539917	130.5822730	1.8261604	53.096		
		13	2.346	2.216	2.086	17	10	0	86	58	10	26.000	25.964	7.6632261	24.8069646	0.5835813	132.3944258	2.9801999	53.126		
P2	1.488	P2	2.684	2.504	2.324	1	14	10	86	58	10	36.000	35.950	0.7755252	35.9412874	0.8242665	125.5067248	14.1145227	53.366		
		P1	0.556	0.375	0.194	181	14	10	90	0	10	36.200	36.200	-0.7809258	-36.1915757	1.0482450	124.7257991	-22.0770530	54.415		
		9	1.907	1.708	1.509	286	63	50	90	0	10	39.800	39.800	-38.0479302	11.6788272	-0.2849296	87.4587947	25.7933500	53.081		
		10	1.871	1.671	1.471	288	43	30	90	0	10	40.000	40.000	-37.8828117	12.8410503	-0.2479393	87.6239131	26.9555730	53.118		
		PI 2	1.81	1.604	1.398	292	73	10	90	0	10	41.200	41.200	-37.8628656	16.2432571	-0.1809974	87.6438592	30.3577798	53.185		
		11	1.723	1.508	1.293	297	22	30	90	0	10	43.000	43.000	-38.1846923	19.7719314	-0.0850847	87.3220326	33.8864541	53.281		
12	1.832	1.615	1.398	299	32	40	90	0	10	43.400	43.400	-37.7568481	21.4004770	-0.1921041	87.7498767	35.5149997	53.174				
P3	1.857	1.563	1.269	289	28	50	90	0	10	58.800	58.800	-55.4339775	19.6090318	-0.1408507	70.0727473	33.7235545	53.225				

PEKERJAAN		FORM TACHYMETRI										DIUKUR OLEH		VINSSENSIUS NUWA							
LOKASI		THEO-SOKIA										TGL. PENGUKURAN		SELASA, 10-11-2020							
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
P3	1.47																				
		P2	1.701	1.408	1.115	109	28	50	90	0	20	58.600	58.600	55.2454264	-19.5423344	0.0113180	125.3181737	14.1812202	53.237		
		PVI 2	0.536	0.302	0.068	218	47	31	90	0	20	24.855	24.855	-15.5717712	-19.3729543	1.1205900	56.0881579	13.1754967	53.198		
		6	0.768	0.455	0.142	225	45	50	89	15	30	62.600	62.595	-44.8473315	-43.6671532	1.7803047	25.2254158	-9.9435986	55.006		
		7	0.65	0.34	0.03	226	18	50	89	15	30	62.000	61.995	-44.8305890	-42.8202548	1.8875382	25.2421584	-9.0967003	55.113		
		PI 3	0.854	0.55	0.246	230	33	10	89	15	30	60.800	60.795	-46.9464453	-38.6270876	1.6620052	23.1263020	-4.9035331	54.887		
		8	0.976	0.673	0.37	233	41	10	89	15	30	60.600	60.595	-48.8264649	-35.8848299	1.5364163	21.2462824	-2.1612754	54.762		
		9	0.941	0.641	0.341	234	14	30	89	15	30	60.000	59.995	-48.6852607	-35.0591244	1.5606498	21.3874866	-1.3355699	54.786		
		10	0.77	0.47	0.17	239	53	20	89	11	20	60.000	59.994	-51.8980481	-30.0976940	1.8043652	18.1746992	3.6258606	55.030		
		P4	2.171	1.788	1.405	239	23	40	88	5	30	76.600	76.558	-65.8924928	-38.9773358	2.1878215	4.1802546	-5.2537813	55.413		
P4	1.515																				
		P3	0.85	0.468	0.086	59	23	40	92	29	50	76.400	76.327	65.6944726	38.8602011	-2.3718207	69.8747271	33.6064198	53.041		
		1	0.468	0.325	0.182	249	27	50	89	13	50	28.600	28.597	-26.7800916	-10.0319083	1.4840675	-22.5998371	-15.2856896	56.897		
		2	0.345	0.205	0.065	252	39	40	89	13	50	28.000	27.997	-26.7252346	-8.3438870	1.5960102	-22.5449801	-13.5976683	57.009		
		PI 4	0.418	0.283	0.148	258	18	60	89	13	50	27.000	26.998	-26.4382232	-5.4670729	1.5045813	-22.2579687	-10.7208542	56.918		
		3	0.581	0.45	0.319	265	53	10	89	13	50	26.200	26.198	-26.1301372	-1.8793983	1.3268381	-21.9498827	-7.1331796	56.740		
		4	0.585	0.455	0.325	268	41	20	89	13	50	26.000	25.998	-25.9908491	-0.5948578	1.3191523	-21.8105945	-5.8486390	56.732		
		5	0.507	0.375	0.243	281	58	20	89	13	50	26.400	26.398	-25.8234259	5.4758548	1.4045239	-21.6431714	0.2220735	56.818		
		PVI 3	0.714	0.476	0.238	258	42	29	89	13	50	56.780	56.775	-55.6756170	-11.1169460	1.7114918	-52.5994474	-5.3412943	59.692		
		10	1.223	0.776	0.329	269	18	50	86	58	50	89.400	89.276	-89.2694865	-1.0690441	5.3581323	-85.0892319	-6.3228254	60.771		
		11	1.075	0.626	0.177	271	31	50	86	58	50	89.800	89.675	-89.6433380	2.3952332	5.5292022	-85.4630834	-2.8585480	60.942		
		PI 5	0.98	0.53	0.08	273	35	60	86	58	50	90.000	89.875	-89.6977066	5.6433014	5.6357372	-85.5174520	0.3895201	61.049		
		12	1.268	0.81	0.352	275	38	40	86	43	10	91.600	91.450	-91.0064911	8.9945425	5.8568299	-86.8262366	3.7407612	61.270		
		13	1.319	0.862	0.405	275	17	40	86	43	10	91.400	91.250	-90.8609169	8.4200266	5.7933848	-86.6806624	3.1662453	61.207		
		P5	1.695	1.15	0.605	273	35	60	86	43	10	109.000	108.821	-108.6066470	6.8329511	6.5125486	-104.4263924	1.5791698	61.926		

PEKERJAAN		FORM TACHYMETRI										DIUKUR OLEH		: VINSSENSIUS NUWA							
LOKASI		THEO-SOKIA										TGL. PENGUKURAN		: SELASA, 10-11-2020							
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
P5	1.491																				
		P4	2.892	2.345	1.798	93	35	60	93	2	30	109.400	109.246	109.0303067	-6.8596055	-6.7250010	4.6039143	-5.2804357	55.201		
		1	0.848	0.746	0.644	213	19	60	89	33	10	20.400	20.399	-11.2096417	-17.0434321	0.8382306	-115.6360341	-15.4642624	62.764		
		2	0.698	0.598	0.498	218	49	40	89	33	10	20.000	19.999	-12.5392494	-15.5802071	0.9831084	-116.9656418	-14.0010373	62.909		
		PI 6	0.446	0.35	0.254	227	29	30	89	33	10	19.200	19.199	-14.1534069	-12.9729955	1.2248641	-118.5797994	-11.3938257	63.151		
		3	0.366	0.272	0.178	237	50	40	89	33	10	18.800	18.799	-15.9157129	-10.0054260	1.2997419	-120.3421053	-8.4262562	63.226		
		4	0.43	0.335	0.24	242	2	40	89	33	10	19.000	18.999	-16.7824072	-8.9066725	1.2383030	-121.2087996	-7.3275027	63.164		
		PVI 4	0.778	0.399	0.02	225	14	28	89	33	10	38.716	38.715	-27.4905388	-27.2601366	1.3281954	-132.1482258	-25.4474105	64.528		
		9	1.28	0.999	0.718	221	28	40	86	57	30	56.200	56.121	-37.1704795	-42.0464335	3.4080937	-141.5968719	-40.4672637	65.334		
		10	1.212	0.93	0.648	222	26	30	86	57	30	56.400	56.321	-38.0073127	-41.5625780	3.4877062	-142.4337051	-39.9834082	65.414		
		PI 7	1.154	0.862	0.57	225	4	40	86	57	30	58.400	58.318	-41.2928002	-41.1808439	3.6618305	-145.7191926	-39.6016741	65.588		
		11	1.146	0.844	0.542	228	3	30	86	57	30	60.400	60.315	-44.8637788	-40.3128964	3.7859548	-149.2901712	-38.7337266	65.712		
		12	1.232	0.93	0.628	229	21	50	86	57	30	60.400	60.315	-45.7706323	-39.2802429	3.6999548	-150.1970247	-37.7010731	65.626		
		P6	1.391	1.04	0.689	224	5	20	86	57	30	70.200	70.101	-48.7744912	-50.3509051	4.1099641	-153.2008836	-48.7717353	66.036		
P6	1.51																				
		P5	2.03	1.68	1.33	44	5	20	93	18	40	70.000	69.883	48.6228414	50.1943539	-4.2980341	-104.5780422	1.4226186	61.738		
		5	0.362	0.247	0.132	137	36	60	89	29	0	23.000	22.999	15.5033833	-16.9882928	1.3854005	-137.6975003	-65.7600281	67.421		
		6	0.264	0.149	0.034	130	28	20	89	29	0	23.000	22.999	17.4958656	-14.9282173	1.4834005	-135.7050181	-63.6999527	67.519		
		PI 8	0.309	0.188	0.067	139	13	60	89	48	10	24.200	24.200	15.8020246	-18.3283682	1.3203005	-137.3988590	-67.1001035	67.356		
		7	0.289	0.159	0.029	146	35	10	89	28	30	26.000	25.999	14.3171595	-21.7016633	1.5042341	-138.8837242	-70.4733986	67.540		
		8	0.327	0.194	0.061	149	4	60	89	28	30	26.600	26.599	13.6662624	-22.8195939	1.4747318	-139.5346213	-71.5913293	67.511		
		P7	0.775	0.617	0.459	117	13	60	87	54	20	31.600	31.579	28.0783788	-14.4509827	1.9628792	-125.1225049	-63.2227180	67.999		

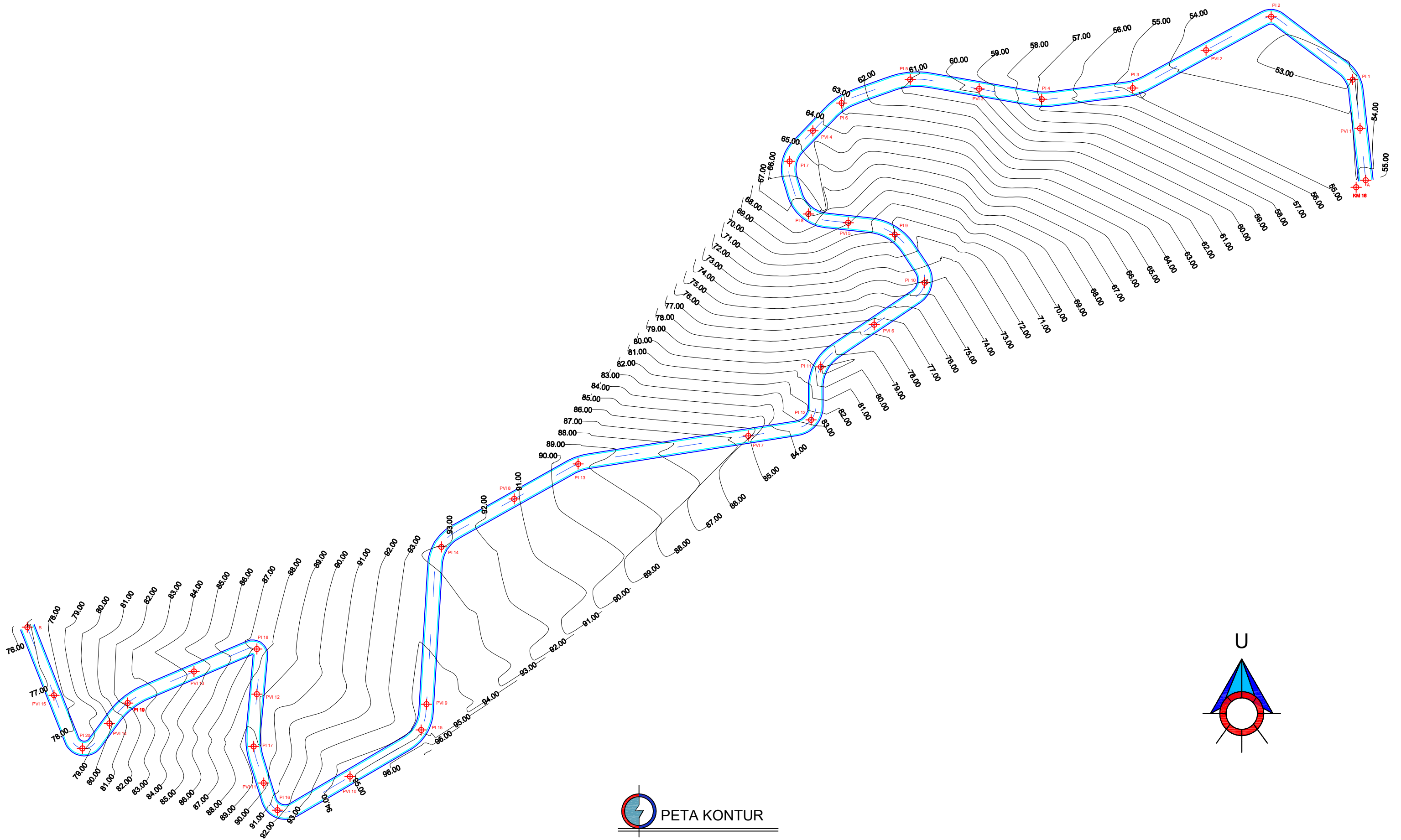
PEKERJAAN		FORM TACHYMETRI										DIUKUR OLEH		VINSSENSIUS NUWA							
LOKASI		THEO-SOKIA										TGL. PENGUKURAN		SELASA, 10-11-2020							
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
P7	1.37																				
		P6	0.55	0.39	0.23	297	13	60	95	27	40	32.000	31.855	-28.3236628	14.5772220	-2.0104437	-153.4461676	-48.6454960	65.988		
		PVI 5	0.794	0.462	0.13	93	36	20	88	14	0	11.657	11.651	11.6279640	-0.7327014	1.3223634	-115.2731160	-69.4569044	68.923		
		6	0.36	0.189	0.018	97	60	30	86	42	30	34.200	34.144	33.8106017	-4.7567850	3.1997238	-91.3119032	-67.9795030	71.198		
		7	0.456	0.286	0.116	99	53	60	86	28	40	34.000	33.936	33.4304490	-5.8345474	3.2278125	-91.6920559	-69.0572654	71.226		
		PI 9	0.595	0.429	0.263	105	12	30	86	28	40	33.200	33.137	31.9767643	-8.6928889	3.0356640	-93.1457406	-71.9156069	71.034		
		8	0.815	0.651	0.487	112	40	60	86	28	40	32.800	32.738	30.2057647	-12.6250224	2.7890897	-94.9167401	-75.8477404	70.788		
		9	0.825	0.66	0.495	115	25	40	86	28	40	33.000	32.938	29.7469018	-14.1425449	2.7923769	-95.3756031	-77.3652629	70.791		
		P8	0.903	0.579	0.255	114	1	40	85	55	40	64.800	64.636	59.0355381	-26.3186172	5.4476983	-66.0869668	-89.5413352	73.446		
P8	1.475																				
		P7	2.79	2.46	2.13	294	1	40	95	55	20	66.000	65.648	-59.9592513	26.7304175	-7.8447695	-126.0462181	-62.8109177	65.602		
		1	0.751	0.693	0.635	198	37	40	88	54	50	11.600	11.598	-3.7045919	-10.9903436	0.9518789	-69.7915587	-100.5316788	74.398		
		2	0.711	0.652	0.593	203	41	20	88	54	50	11.800	11.798	-4.7400366	-10.8037968	0.9966699	-70.8270033	-100.3451320	74.443		
		PI 10	0.982	0.916	0.85	221	11	50	88	54	50	13.200	13.198	-8.6926573	-9.9305138	0.7592071	-74.7796241	-99.4718491	74.206		
		3	1.26	1.183	1.106	233	52	30	88	54	50	15.400	15.397	-12.4368491	-9.0774212	0.5339082	-78.5238158	-98.6187564	73.980		
		4	1.398	1.263	1.128	237	53	20	88	54	50	27.000	26.995	-22.8654002	-14.3496183	0.6737872	-79.5423670	-98.2700954	74.120		
		5	1.557	1.446	1.335	251	1	40	89	47	10	22.200	22.200	-20.9938677	-7.2173854	0.0618739	-87.0808344	-96.7587206	73.508		
		PVI 6	1.58	1.085	0.59	248	13	52	89	47	10	46.632	46.631	-43.3059728	-17.2938827	0.5140788	-102.8251603	-118.2610339	77.479		
		P9	0.805	0.512	0.219	221	46	30	85	13	20	58.600	58.396	-38.9040841	-43.5500783	5.7938729	-104.9910509	-133.0914135	79.240		
P9	1.425																				
		P8	2.909	2.616	2.323	41	46	30	94	34	0	58.600	58.414	38.9158011	43.5631945	-5.8566739	-66.0752498	-89.5282190	73.384		
		5	1.929	1.818	1.707	255	12	60	90	48	50	22.200	22.198	-21.4629623	-5.6640806	-0.7083413	-126.4540132	-138.7554941	78.532		
		6	0.865	0.749	0.633	257	51	30	90	48	50	23.200	23.198	-22.6787402	-4.8791538	0.3464541	-127.6697911	-137.9705672	79.587		
		PI 11	0.55	0.419	0.288	261	5	20	90	48	50	26.200	26.197	-25.8811505	-4.0580223	0.6338404	-130.8722014	-137.1494357	79.874		

PEKERJAAN : PENGUKURAN JALAN			FORM TACHYMETRI										DIUKUR OLEH : VINSSENSIUS NUWA								
LOKASI : JALAN LINTAS FLORES STA 16+000-17 + 176.50			THEO-SOKIA										TGL. PENGUKURAN : SELASA, 10-11-2020								
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
		7	0.382	0.235	0.088	265	18	20	90	48	50	29.400	29.397	-29.2984164	-2.4059083	0.7723858	-134.2894673	-135.4973217	80.013		
		8	0.38	0.225	0.07	266	28	40	90	48	50	31.000	30.997	-30.9383207	-1.9043134	0.7596585	-135.9293716	-134.9957269	80.000		
		14	0.788	0.585	0.382	210	22	20	85	45	40	40.600	40.489	-20.4718376	-34.9321935	3.8409529	-125.4628885	-168.0236070	83.081		
		15	0.81	0.605	0.4	212	52	30	85	45	40	41.000	40.888	-22.1942518	-34.3399351	3.8505190	-127.1853027	-167.4313486	83.091		
		PI 12	1.03	0.819	0.608	217	39	50	85	45	40	42.200	42.085	-25.7148569	-33.3145106	3.7252171	-130.7059078	-166.4059241	82.965		
		16	1.263	1.046	0.829	223	24	40	85	45	40	43.400	43.281	-29.7441254	-31.4413149	3.5869152	-134.7351763	-164.5327284	82.827		
		17	1.36	1.139	0.918	225	40	60	85	45	40	44.200	44.079	-31.5381298	-30.7946874	3.5530473	-136.5291807	-163.8861009	82.793		
		18	1.498	1.255	1.012	237	45	30	85	52	40	48.600	48.474	-40.9998011	-25.8606116	3.6635768	-145.9908520	-158.9520251	82.904		
		P10	0.717	0.389	0.061	234	45	30	86	4	10	65.600	65.446	-53.4511713	-37.7638972	5.5327056	-158.4422222	-170.8553106	84.773		
P10	1.359																				
		P9	3.03	2.7	2.37	54	45	30	93	42	0	66.000	65.862	53.7915260	38.0043619	-5.5341323	-104.6506962	-132.8509487	79.239		
		PVI 7	1.375	1.165	0.955	260	45	20	87	30	40	4.730	4.725	-4.6637481	-0.7590754	0.4653851	-163.1265628	-171.5079038	86.708		
		5	1.264	0.832	0.4	258	58	10	87	30	40	86.400	86.318	-84.7237861	-16.5155305	4.3449758	-243.1660083	-187.3708412	89.118		
		6	1.209	0.775	0.341	259	51	50	87	30	40	86.800	86.718	-85.3646616	-15.2612773	4.4193460	-243.8068838	-186.1165879	89.192		
		PI 13	0.966	0.531	0.096	261	3	10	87	30	40	87.000	86.918	-85.8603140	-13.5178757	4.6720312	-244.3025362	-184.3731863	89.445		
		7	0.941	0.502	0.063	263	11	60	87	24	10	87.800	87.710	-87.0928151	-10.3851894	4.9016181	-245.5350372	-181.2405001	89.675		
		8	0.983	0.542	0.101	264	17	10	87	22	10	88.200	88.107	-87.6692950	-8.7720228	4.9310032	-246.1115172	-179.6273335	89.704		
		P11	1.126	0.6	0.074	263	14	40	87	22	10	105.200	105.089	-104.3595159	-12.3620235	5.6532306	-262.8017381	-183.2173342	90.426		
P11	1.401																				
		P10	1.17	0.645	0.12	83	14	40	93	29	0	105.000	104.806	104.0783517	12.3287179	-5.5996101	-158.7233864	-170.8886163	84.827		
		PVI 8	0.938	0.856	0.774	232	18	44	89	53	30	22.233	22.233	-17.5940703	-13.5922487	0.6110374	-275.1974438	-201.6740072	91.154		
		5	0.685	0.375	0.065	227	33	50	88	53	30	62.000	61.988	-45.7493121	-41.8277685	2.2492573	-308.5510502	-225.0451027	92.675		
		6	0.679	0.37	0.061	228	31	10	88	21	40	61.800	61.775	-46.2804185	-40.9174639	2.8224866	-309.0821566	-224.1347981	93.249		
		PI 14	0.697	0.38	0.063	231	32	40	88	8	50	63.400	63.367	-49.6220013	-39.4083145	3.0948131	-312.4237394	-222.6256486	93.521		
		7	0.642	0.325	0.008	234	46	40	88	8	50	63.400	63.367	-51.7657312	-36.5467829	3.1498131	-314.5674693	-219.7641171	93.576		

PEKERJAAN : PENGUKURAN JALAN			FORM TACHYMETRI										DIUKUR OLEH : VINSSENSIUS NUWA								
LOKASI : JALAN LINTAS FLORES STA 16+000-17 + 176.50			THEO-SOKIA										TGL. PENGUKURAN : SELASA, 10-11-2020								
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
		8	0.679	0.359	0.039	235	10	20	88	8	50	64.000	63.967	-52.5083695	-36.5320339	3.1352120	-315.3101076	-219.7493680	93.561		
		P12	0.848	0.461	0.074	232	51	30	88	41	40	77.400	77.380	-61.6830103	-46.7210477	2.7275026	-324.4847484	-229.9383819	93.154		
P12	1.43																				
		P11	3.554	3.171	2.788	52	51	30	90	45	10	76.600	76.593	61.0560409	46.2461574	-2.7523764	-263.4287075	-183.6922245	90.401		
		PVI 9	1.924	1.861	1.798	170	26	40	88	55	10	70.414	70.402	11.6869427	-69.4248178	0.8918796	-317.1712692	-299.9717042	94.630		
		10	1.02	0.585	0.15	172	23	10	89	20	10	87.000	86.994	11.5264359	-86.2271715	1.8480505	-312.9583125	-316.1655534	95.002		
		11	0.964	0.533	0.102	173	19	40	89	20	10	86.200	86.194	10.0148385	-85.6104284	1.8907811	-314.4699099	-315.5488102	95.044		
		PI 15	1.092	0.672	0.252	175	34	20	89	20	10	84.000	83.994	6.4845666	-83.7436750	1.7262902	-318.0001818	-313.6820569	94.880		
		12	1.256	0.839	0.422	177	31	30	89	20	10	83.400	83.394	3.6012593	-83.3166077	1.5523381	-320.8834891	-313.2549896	94.706		
		13	1.31	0.898	0.486	178	34	10	89	20	10	82.400	82.394	2.0570035	-82.3687877	1.4817513	-322.4277449	-312.3071696	94.635		
		14	2.37	1.962	1.554	180	56	30	89	20	20	81.600	81.595	-1.3409614	-81.5835483	0.4045261	-325.8257098	-311.5219301	93.558		
		P13	1.13	0.662	0.194	174	60	50	88	2	10	93.600	93.545	8.1303959	-93.1910282	3.9706361	-316.3543525	-323.1294100	97.124		
P13	1.435																				
		P12	2.55	2.085	1.62	354	0	50	92	3	40	93.000	92.940	-9.6924517	92.4330504	-4.0047838	-326.0468042	-230.6963597	93.120		
		PVI 10	2.279	1.952	1.625	241	36	40	93	1	0	39.135	39.081	-34.3813017	-18.5812847	-2.5865571	-353.7739448	-334.5903844	94.838		
		11	2.248	1.828	1.408	243	19	50	93	1	0	84.000	83.884	-74.9592964	-37.6505244	-4.8236213	-391.3136489	-360.7799345	92.301		
		12	2.261	1.844	1.427	243	52	60	93	1	0	83.400	83.284	-74.7810534	-36.6618375	-4.8080454	-391.1354059	-359.7912475	92.316		
		PI 16	2.728	2.327	1.926	246	2	40	93	1	0	80.200	80.089	-73.1900648	-32.5183119	-5.1226408	-389.5444172	-355.6477220	92.002		
		13	3.147	2.76	2.373	248	13	60	93	1	0	77.400	77.293	-71.7819049	-28.6622830	-5.4082867	-388.1362573	-351.7916931	91.716		
		14	3.322	2.942	2.562	249	7	20	93	1	0	76.000	75.895	-70.9116493	-27.0470168	-5.5166097	-387.2660018	-350.1764268	91.608		
		15	3.342	2.984	2.626	253	20	50	93	9	30	71.600	71.491	-68.4928325	-20.4873180	-5.5038309	-384.8471850	-343.6167281	91.620		
		P14	3.271	2.89	2.509	253	20	20	93	21	20	76.200	76.069	-72.8757618	-21.8098715	-5.9251399	-389.2301143	-344.9392816	91.199		
P14	1.42																				
		P13	1.008	0.628	0.248	73	20	20	86	9	30	76.000	75.829	72.6457142	21.7410241	5.8889623	-316.5844001	-323.1982575	97.088		
		PVI 11	2.274	2.124	1.974	322	42	20	91	38	10	9.330	9.326	-5.6506522	7.4190335	-0.9653776	-395.1005894	-337.6880467	89.647		

PEKERJAAN		FORM TACHYMETRI										DIUKUR OLEH		: VINSSENSIUS NUWA							
LOKASI		THEO-SOKIA										TGL. PENGUKURAN		: SELASA, 10-11-2020							
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
		6	2.274	2.124	1.974	326	59	50	92	38	10	30.000	29.968	-16.3230991	25.1327008	-2.0787776	-405.5532134	-319.8065808	89.120		
		7	2.277	2.131	1.985	328	15	10	92	38	10	29.200	29.169	-15.3479840	24.8047532	-2.0489836	-404.5780983	-320.1345283	89.150		
		PI 17	2.404	2.266	2.128	335	31	50	92	38	10	27.600	27.571	-11.4200405	25.0944478	-2.1103954	-400.6501548	-319.8448338	89.089		
		8	2.489	2.356	2.223	341	34	30	92	38	10	26.600	26.572	-8.3983799	25.2097303	-2.1544028	-397.6284942	-319.7295513	89.045		
		9	2.558	2.424	2.29	344	4	20	92	38	10	26.800	26.772	-7.3468193	25.7438330	-2.2316014	-396.5769336	-319.1954485	88.968		
		PVI 12	2.648	2.409	2.17	354	10	44	91	38	10	50.636	50.615	-5.1335549	50.3543590	-2.4297413	-398.3917903	-295.1389932	88.792		
		15	2.525	2.165	1.805	350	15	30	92	48	0	72.000	71.914	-12.1682988	70.8770903	-4.2571834	-401.3984130	-274.0621913	86.942		
		16	2.365	2	1.635	352	26	50	92	48	0	73.000	72.913	-9.5836212	72.2802713	-4.1410332	-398.8137354	-272.6590103	87.058		
		PI 18	2.049	1.675	1.301	354	42	10	92	48	0	74.800	74.711	-6.8974646	74.3916228	-3.9039628	-396.1275788	-270.5476588	87.295		
		17	1.592	1.21	0.828	356	13	20	92	48	0	76.400	76.309	-5.0277493	76.1429773	-3.5171224	-394.2578636	-268.7963042	87.682		
		PVI 13	1.073	0.77	0.467	362	22	36	92	48	0	72.244	72.158	2.9923111	72.0961242	-2.8741245	-428.4921743	-284.2948225	84.229		
		P15	3.686	3.217	2.748	317	47	40	93	31	0	93.800	93.623	-62.8954729	69.3505279	-7.5455872	-452.1255872	-275.5887537	83.654		
P15	1.46																				
		P14	1.489	1.022	0.555	137	47	40	85	35	30	93.400	93.124	62.5597846	-68.9803874	7.5821016	-389.5658026	-344.5691411	91.236		
		1	1.995	1.865	1.735	191	30	40	92	9	10	26.000	25.982	-5.1848451	-25.4590553	-1.4166697	-457.3104323	-301.0478090	82.237		
		2	1.949	1.821	1.693	194	15	10	92	9	10	25.600	25.582	-6.2982789	-24.7944938	-1.3576440	-458.4238661	-300.3832475	82.296		
		PI 19	1.881	1.76	1.639	201	9	60	92	9	10	24.200	24.183	-8.7320197	-22.5513958	-1.2440541	-460.8576069	-298.1401495	82.410		
		3	1.955	1.834	1.713	209	5	20	92	9	10	24.200	24.183	-11.7569117	-21.1326441	-1.3180541	-463.8824989	-296.7213978	82.336		
		4	2.11	1.99	1.87	213	9	50	92	9	10	24.000	23.983	-13.1195916	-20.0764424	-1.4665413	-465.2451788	-295.6651961	82.187		
		PVI 14	2.648	2.409	2.17	202	15	33	93	9	10	37.548	37.491	-14.2014817	-34.6972043	-3.0490799	-468.9850326	-309.1387421	79.781		
		9	2.926	2.595	2.264	209	47	60	93	9	10	66.200	66.100	-32.8498803	-57.3591245	-4.8109065	-484.9754675	-332.9478782	78.843		
		10	2.932	2.609	2.286	209	11	60	93	9	10	64.600	64.502	-31.4680328	-56.3054149	-4.7369088	-483.5936200	-331.8941686	78.917		
		PI 20	2.991	2.688	2.385	210	20	30	93	34	50	60.600	60.482	-30.5526593	-52.1974325	-5.0475801	-482.6782465	-327.7861862	78.606		

PEKERJAAN : PENGUKURAN JALAN			FORM TACHYMETRI										DIUKUR OLEH : VINSSENSIUS NUWA								
LOKASI : JALAN LINTAS FLORES STA 16+000-17 + 176.50			THEO-SOKIA										TGL. PENGUKURAN : SELASA, 10-11-2020								
STA. ALAT	TINGGI ALAT (m)	TARGET	BACAAN RAMBU UKUR			BACAAN SKALA HORZ.			BACAAN SKALA VERT.			JARAK OPTIS	JARAK DATAR	Δx		Δy		BEDA TINGGI	KOORDINAT X	KOORDINAT Y	ELEVASI (Z)
			BA	BT	BB	DER	MEN	DET	DER	MEN	DET			JARAK DATAR SIN α	JARAK DATAR COS α						
		11	3.218	2.939	2.66	212	15	30	93	20	0	55.800	55.706	-29.7321660	-47.1074478	-4.7584815	-481.8577532	-322.6962015	78.895		
		12	3.216	2.947	2.678	213	58	30	94	2	0	53.800	53.667	-29.9906516	-44.5048452	-5.3061210	-482.1162388	-320.0935988	78.347		
		13	2.037	1.848	1.659	224	25	40	97	3	40	37.800	37.513	-26.2596786	-26.7895071	-5.0696751	-478.3852658	-302.3782607	78.584		
		P16	2.476	2.25	2.024	224	9	30	95	22	0	45.200	45.002	-31.3502617	-32.2851235	-5.0525155	-483.4758489	-307.8738772	78.601		
P16	1.35																				
		P15	0.745	0.521	0.297	44	9	30	84	40	50	44.800	44.607	31.0752210	32.0018812	5.0573408	-452.4006279	-275.8719961	83.658		
		PVI 15	2.65	2.535	2.42	326	14	44	92	8	30	17.118	17.106	-9.5048997	14.2226992	-1.7497197	-495.4853167	-295.6750980	77.234		
		1	2.579	2.334	2.089	326	54	10	91	8	30	49.000	48.990	-26.7516944	41.0413655	-1.8853017	-510.2275433	-266.8325117	76.716		
		2	2.483	2.235	1.987	328	27	60	91	8	30	49.600	49.590	-25.9353788	42.2674754	-1.7982564	-509.4112277	-265.6064018	76.803		
		B	2.276	2.02	1.764	331	1	10	91	8	30	51.200	51.190	-24.8021295	44.7800592	-1.6151356	-508.2779784	-263.0938181	76.986		
		3	2.057	1.793	1.529	334	4	40	91	8	30	52.800	52.790	-23.0769723	47.4782752	-1.4200149	-506.5528213	-260.3956020	77.181		
		4	2.058	1.79	1.522	336	46	40	91	8	30	53.600	53.589	-21.1301970	49.2476826	-1.4329545	-504.6060460	-258.6261946	77.168		
		P17	2.65	2.37	2.09	321	8	50	92	8	30	56.000	55.961	-35.1054611	43.5801219	-3.0377441	-518.5813100	-264.2937553	75.563		



 PETA KONTUR
Skala 1 : 1000