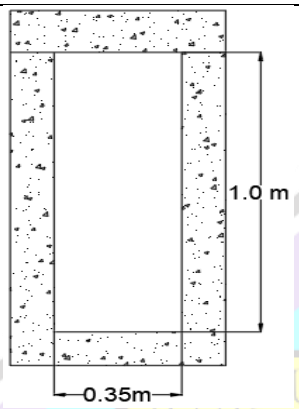
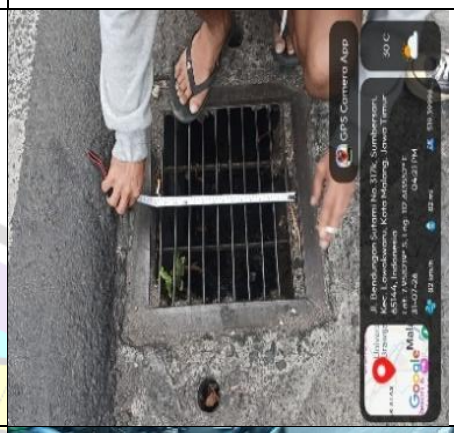
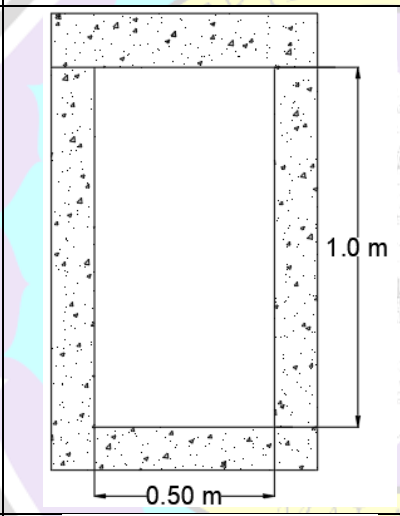
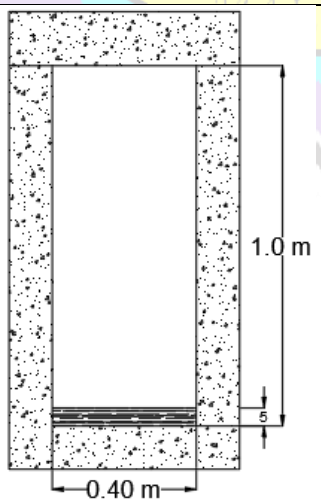
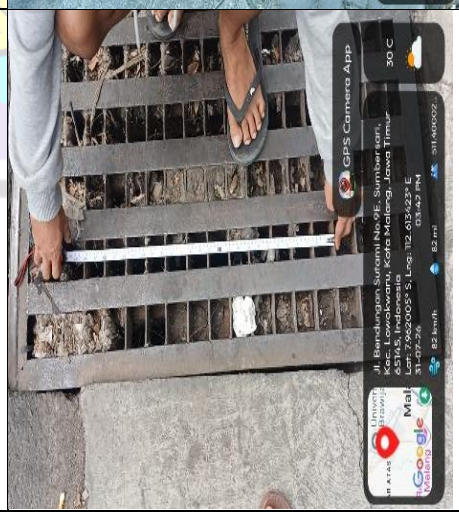
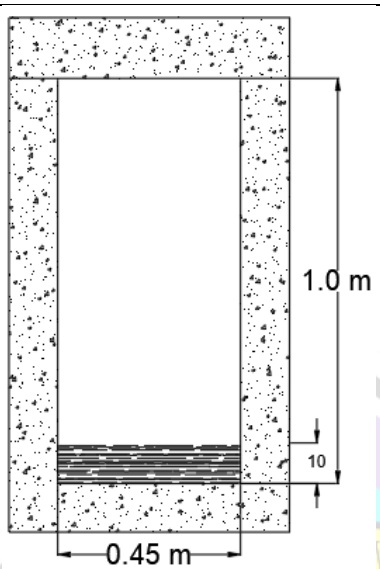
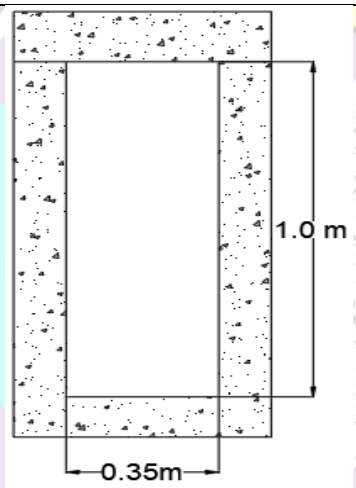
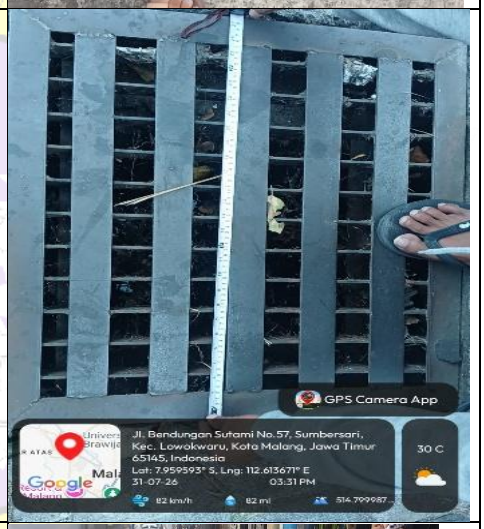
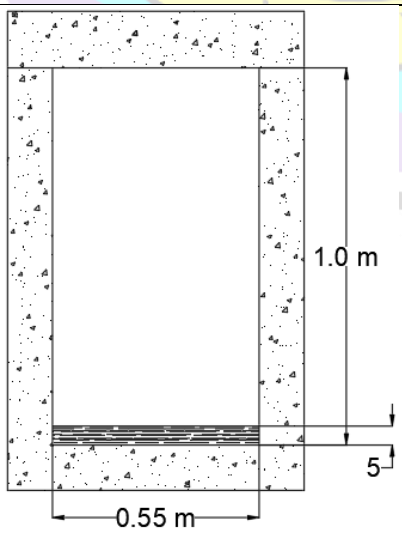
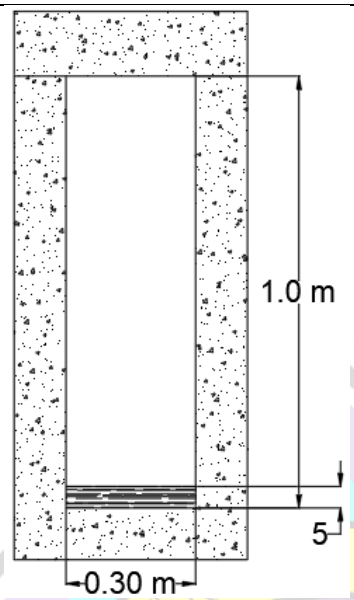
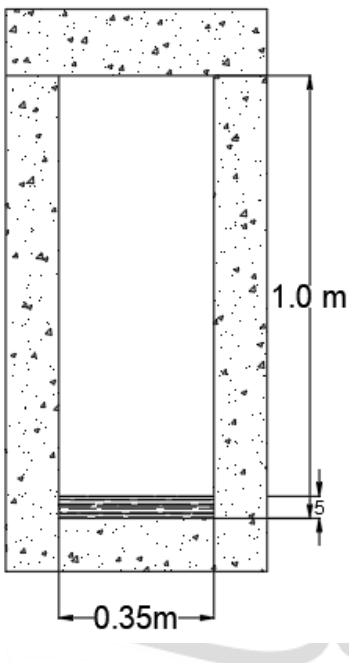
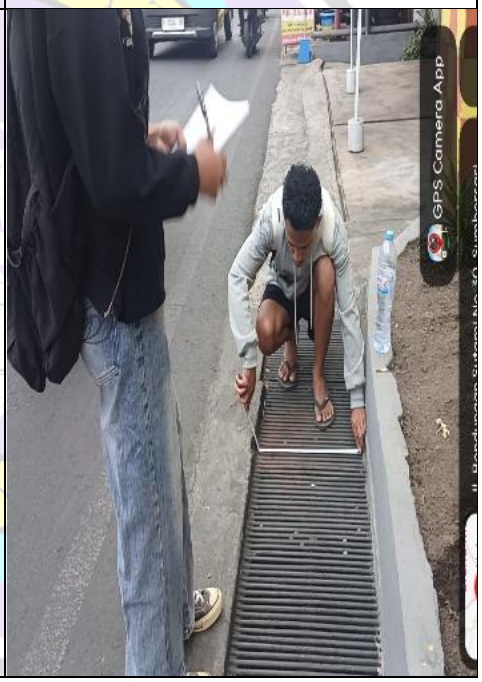
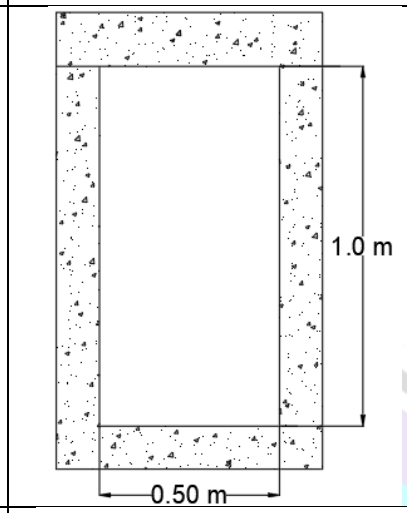
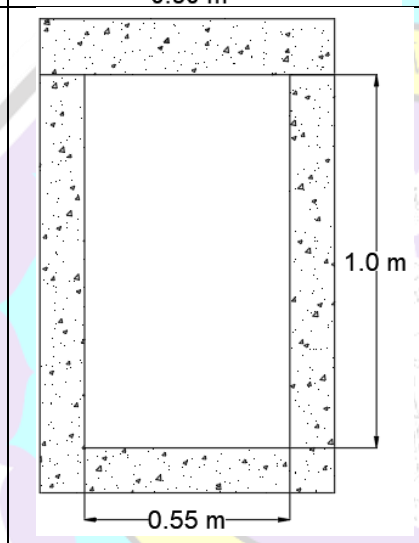
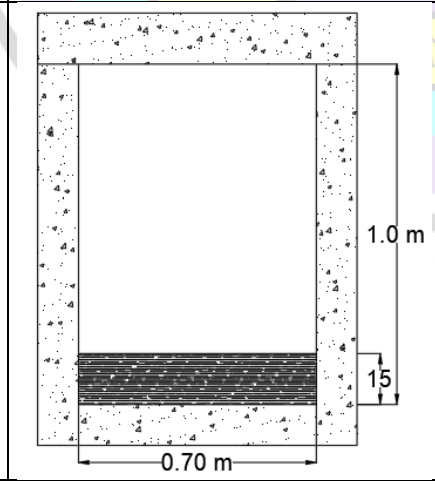
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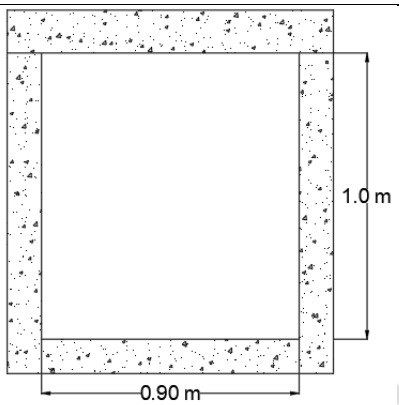
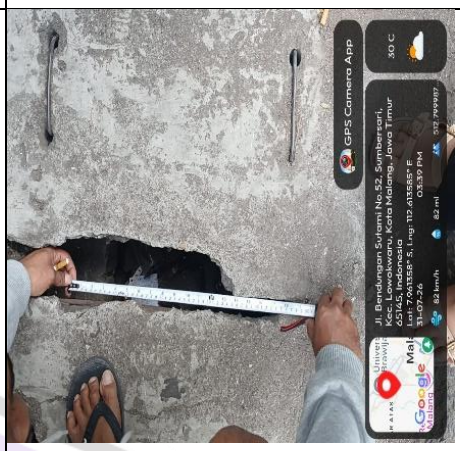
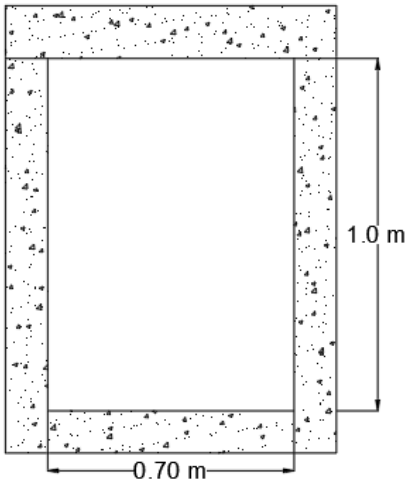
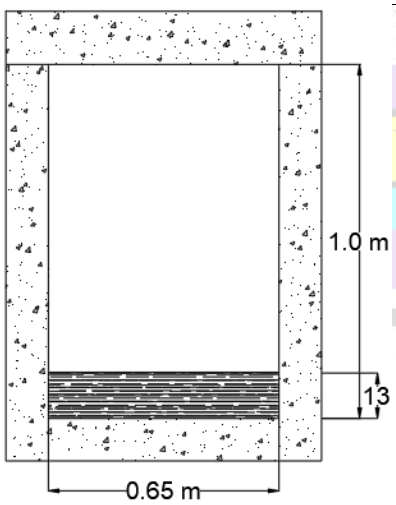
Lampiran 1 Dokumentasi Harian

No	Kondisi	Dimensi Saluran (cm)	Dokumentasi
1	Saluran tertutup, kondisi baik		
2	Saluran tertutup, kondisi baik		
3	Saluran tertutup, banyak sampah, sedimen = 5 cm		

No	Kondisi	Dimensi Saluran (cm)	Dokumentasi
4	Saluran tertutup, banyak sampah, sedimen = 10 cm		
5	Saluran tertutup, kondisi baik		
6	Saluran tertutup, banyak sampah, sedimen = 5 cm		

No	Kondisi	Dimensi Saluran (cm)	Dokumentasi
7	Saluran tertutup, banyak sampah, sedimen = 5 cm		
8	Saluran tertutup, banyak sampah, sedimen = 5 cm		

No	Kondisi	Dimensi Saluran (cm)	Dokumentasi
9	Saluran tertutup, kondisi baik		
10	Saluran tertutup, kondisi baik		
11	Saluran tertutup, banyak sampah, sedimen =15 cm		

No	Kondisi	Dimensi Saluran (cm)	Dokumentasi
12	Saluran tertutup, kondisi baik		
13	Saluran tertutup, kondisi baik		
14	Saluran tertutup, banyak sampah, sedimen =13 cm		

Lampiran 2 Perhitungan Saluran Sisi Kiri

NAMA STAN	PEMBACAAN RAMBU			JARAK (m)				TINGGI ALAT (m)	BEDA TINGGI	El	S
				OPTIS		PITA					
		MUKA	BELA KANG	MUKA	BELA KANG	MUKA	BEL AKANG		MUKA		
STA 1	BA	1,860	1,100	25	25	25	25	100,975	-0,760	99,240	0,0304
	BT	1,735	0,975								
	BB	1,610	0,850								
STA 2	BA	1,570	1,350	25	25	25	25	100,465	-0,220	99,020	0,0088
	BT	1,445	1,225								
	BB	1,320	1,100								
STA 3	BA	1,590	1,280	25	25	25	25	100,175	-0,31	98,710	0,0124
	BT	1,465	1,155								
	BB	1,340	1,030								
STA 4	BA	1,460	1,380	25	25	25	25	99,965	-0,080	98,630	0,0032
	BT	1,335	1,255								
	BB	1,210	1,130								
STA 5	BA	1,940	0,930	25	25	25	25	99,435	-1,010	97,620	0,0404
	BT	1,815	0,805								
	BB	1,690	0,680								
STA 6	BA	2,330	0,620	25	25	25	25	98,115	-1,710	95,910	0,0684
	BT	2,205	0,495								
	BB	2,080	0,370								
STA 7	BA	1,780	1,180	25	25	25	25	96,965	-0,600	95,310	0,024
	BT	1,655	1,055								
	BB	1,530	0,930								
STA 8	BA	1,840	1,130	25	25	25	25	96,315	-0,710	94,600	0,0284
	BT	1,715	1,005								
	BB	1,590	0,880								
STA 9	BA	2,020	0,980	25	25	25	25	95,455	-1,040	93,560	0,0416
	BT	1,895	0,855								
	BB	1,770	0,730								
STA 10	BA	2,790	0,870	25	25	25	25	94,305	-1,920	91,640	0,0768
	BT	2,665	0,745								
	BB	2,540	0,620								
STA 11	BA	2,970	0,390	25	25	25	25	91,905	-2,580	89,060	0,1032
	BT	2,845	0,265								
	BB	2,720	0,140								
STA 12	BA	2,320	2,220	25	25	25	25	91,155	-0,100	88,960	0,0040
	BT	2,195	2,095								
	BB	2,070	1,970								
STA 13	BA	1,890	0,740	25	25	25	25	89,575	-1,150	87,810	0,0460
	BT	1,765	0,615								
	BB	1,640	0,490								
STA 14	BA	1,780	1,130	25	25	25	25	88,815	-0,650	87,160	0,026
	BT	1,655	1,005								

NAMA STAN	PEMBACAAN RAMBU			JARAK (m)				TINGGI ALAT (m)	BEDA TINGGI	El	S
				OPTIS		PITA					
		MUKA	BELA KANG	MUKA	BELA KANG	MUKA	BEL AKANG		MUKA		
	BB	1,530	0,880								
STA 15	BA	1,700	1,210	25	25	25	25	88,245	-0,490	86,670	0,0196
	BT	1,575	1,085								
	BB	1,450	0,960								
STA 16	BA	1,910	1,290	25	25	25	25	87,835	-0,620	86,050	0,0248
	BT	1,785	1,165								
	BB	1,660	1,040								
STA 17	BA	1,680	1,140	25	25	25	25	87,065	-0,540	85,510	0,0216
	BT	1,555	1,015								
	BB	1,430	0,890								
STA 18	BA	1,740	1,260	25	25	25	25	86,645	-0,480	85,030	0,0192
	BT	1,615	1,135								
	BB	1,490	1,010								
STA 19	BA	1,310	1,220	25	25	25	25	86,125	-0,090	84,940	0,0036
	BT	1,185	1,095								
	BB	1,060	0,970								
STA 20	BA	1,290	1,240	25	25	25	25	86,055	-0,050	84,890	0,0020
	BT	1,165	1,115								
	BB	1,040	0,990								
STA 21	BA	1,350	1,300	25	25	25	25	86,065	-0,050	84,840	0,002
	BT	1,225	1,175								
	BB	1,100	1,050								
STA 22	BA	1,240	1,140	25	25	25	25	85,855	-0,100	84,740	0,0040
	BT	1,115	1,015								
	BB	0,990	0,890								
STA 23	BA	1,210	1,100	25	25	25	25	85,715	-0,110	84,630	0,0044
	BT	1,085	0,975								
	BB	0,960	0,850								
STA 24	BA	1,000	0,970	25	25	25	25	85,475	-0,030	84,600	0,0012
	BT	0,875	0,845								
	BB	0,750	0,720								
STA 25	BA	1,150	0,920	25	25	25	25	85,395	-0,230	84,370	0,0092
	BT	1,025	0,795								
	BB	0,900	0,670								
STA 26	BA	1,250	1,000	25	25	25	25	85,245	-0,250	84,120	0,01
	BT	1,125	0,875								
	BB	1,000	0,750								
STA 27	BA	1,490	1,230	25	25	25	25	85,225	-0,260	83,860	0,0104
	BT	1,365	1,105								
	BB	1,240	0,980								
STA 28	BA	1,280	1,180	14	14	14	14	84,970	-0,100	83,760	0,0071
	BT	1,210	1,110								
	BB	1,140	1,040								

NAMA STAN	PEMBACAAN RAMBU			JARAK (m)				TINGGI ALAT (m)	BEDA TINGGI	El	S
				OPTIS		PITA					
		MUKA	BELA KANG	MUKA	BELA KANG	MUKA	BEL AKANG		MUKA		
STA 29	BA	1,220	1,210	25	25	25	25	84,845	-0,010	83,750	0,0004
	BT	1,095	1,085								
	BB	0,970	0,960								
STA 30	BA	1,220	1,060	25	25	25	25	84,685	-0,160	83,715	0,0014
	BT	1,095	0,935								
	BB	0,970	0,810								
STA 31	BA	0,510	0,750	25	25	25	25	84,340	0,090	83,530	0,0074
	BT	0,385	0,625								
	BB	0,260	0,500								
STA 32	BA	0,810	0,900	25	25	25	25	84,305	-0,110	83,455	0,0030
	BT	0,685	0,775								
	BB	0,560	0,650								
STA 33	BA	0,850	0,740	25	25	25	25	84,070	-0,110	83,345	0,0044
	BT	0,725	0,615								
	BB	0,600	0,490								

Lampiran 3 Perhitungan Saluran Sisi Kanan

NAMA STAN	PEMBACAAN RAMBU			JARAK (m)				TINGGI ALAT (m)	BEDA TINGGI	EL	S
				OPTIS		PITA					
		MUKA	BELA KANG	MUKA	BELA KANG	MUKA	BELA KANG		MUKA		
STA 1	BA	1,88	0,93	25	25	25	25	100,805	-0,95	99,05	0,038
	BT	1,755	0,805								
	BB	1,63	0,68								
STA 2	BA	1,64	1,53	25	25	25	25	100,455	-0,11	98,94	0,0044
	BT	1,515	1,405								
	BB	1,39	1,28								
STA 3	BA	1,72	1,5	25	25	25	25	100,315	-0,22	98,72	0,0088
	BT	1,595	1,375								
	BB	1,47	1,25								
STA 4	BA	1,75	1,54	25	25	25	25	100,135	-0,21	98,51	0,0084
	BT	1,625	1,415								
	BB	1,5	1,29								
STA 5	BA	1,86	1,38	25	25	25	25	99,765	-0,48	98,03	0,0192
	BT	1,735	1,255								
	BB	1,61	1,13								
STA 6	BA	2,48	0,56	25	25	25	25	98,465	-1,92	96,11	0,0768
	BT	2,355	0,435								
	BB	2,23	0,31								
STA 7	BA	2,08	0,96	25	25	25	25	96,945	-1,12	94,99	0,0448
	BT	1,955	0,835								
	BB	1,83	0,71								

NAMA STAN	PEMBACAAN RAMBU			JARAK (m)				TINGGI ALAT (m)	BEDA TINGGI	EL	S
				OPTIS		PITA					
		MUKA	BELA KANG	MUKA	BELA KANG	MUKA	BELA KANG		MUKA		
STA 8	BA	1,97	1,16	25	25	25	25	96,025	-0,81	94,18	0,0324
	BT	1,845	1,035								
	BB	1,72	0,91								
STA 9	BA	2,17	0,97	25	25	25	25	95,025	-1,2	92,98	0,048
	BT	2,045	0,845								
	BB	1,92	0,72								
STA 10	BA	2,28	0,82	25	25	25	25	93,675	-1,46	91,52	0,0584
	BT	2,155	0,695								
	BB	2,03	0,57								
STA 11	BA	2,68	0,4	25	25	25	25	91,795	-2,28	89,24	0,0912
	BT	2,555	0,275								
	BB	2,43	0,15								
STA 12	BA	3,08	0,5	25	25	25	25	89,615	-2,58	86,66	0,1032
	BT	2,955	0,375								
	BB	2,83	0,25								
STA 13	BA	2,73	0,84	25	25	25	25	87,375	-1,89	84,77	0,0756
	BT	2,605	0,715								
	BB	2,48	0,59								
STA 14	BA	1,91	1,17	25	25	25	25	85,815	-0,74	84,03	0,0296
	BT	1,785	1,045								
	BB	1,66	0,92								
STA 15	BA	1,85	1,24	25	25	25	25	85,145	-0,61	83,42	0,0244
	BT	1,725	1,115								
	BB	1,6	0,99								
STA 16	BA	1,75	1,36	25	25	25	25	84,655	-0,39	83,03	0,0156
	BT	1,625	1,235								
	BB	1,5	1,11								
STA 17	BA	1,91	1,18	25	25	25	25	84,085	-0,73	82,3	0,0292
	BT	1,785	1,055								
	BB	1,66	0,93								
STA 18	BA	1,73	1,36	25	25	25	25	83,535	-0,37	81,93	0,0148
	BT	1,605	1,235								
	BB	1,48	1,11								
STA 19	BA	1,85	1,26	25	25	25	25	83,065	-0,59	81,34	0,0236
	BT	1,725	1,135								
	BB	1,6	1,01								
STA 20	BA	1,64	1,18	25	25	25	25	82,395	-0,46	80,88	0,0184
	BT	1,515	1,055								
	BB	1,39	0,93								
STA 21	BA	1,74	1,27	25	25	25	25	82,025	-0,47	80,41	0,0188
	BT	1,615	1,145								
	BB	1,49	1,02								
STA 22	BA	1,77	1,24	25	25	25	25	81,525	-0,53	79,88	0,0212

NAMA STAN	PEMBACAAN RAMBU			JARAK (m)				TINGGI ALAT (m)	BEDA TINGGI	EL	S
				OPTIS		PITA					
		MUKA	BELA KANG	MUKA	BELA KANG	MUKA	BELA KANG		MUKA		
	BT	1,645	1,115								
	BB	1,52	0,99								
STA 23	BA	1,94	1,12	25	25	25	25	80,875	-0,82	79,06	0,0328
	BT	1,815	0,995								
	BB	1,69	0,87								
STA 24	BA	1,86	1,1	25	25	25	25	80,035	-0,76	78,3	0,0304
	BT	1,735	0,975								
	BB	1,61	0,85								
STA 25	BA	1,96	1,02	25	25	25	25	79,195	-0,94	77,36	0,0376
	BT	1,835	0,895								
	BB	1,71	0,77								
STA 26	BA	1,88	1,1	25	25	25	25	78,335	-0,78	76,58	0,0312
	BT	1,755	0,975								
	BB	1,63	0,85								
STA 27	BA	1,52	1,5	25	25	25	25	77,955	-0,02	76,56	0,0008
	BT	1,395	1,375								
	BB	1,27	1,25								
STA 28	BA	1,5	1,49	25	25	25	25	77,925	-0,01	76,55	0,0004
	BT	1,375	1,365								
	BB	1,25	1,24								
STA 29	BA	1,88	1,1	25	25	25	25	77,525	-0,78	75,77	0,0312
	BT	1,755	0,975								
	BB	1,63	0,85								
STA 30	BA	2,61	0,68	25	25	25	25	76,325	-1,93	73,84	0,0772
	BT	2,485	0,555								
	BB	2,36	0,43								
STA 31	BA	2,72	0,82	25	25	25	25	74,535	-1,9	71,94	0,076
	BT	2,595	0,695								
	BB	2,47	0,57								