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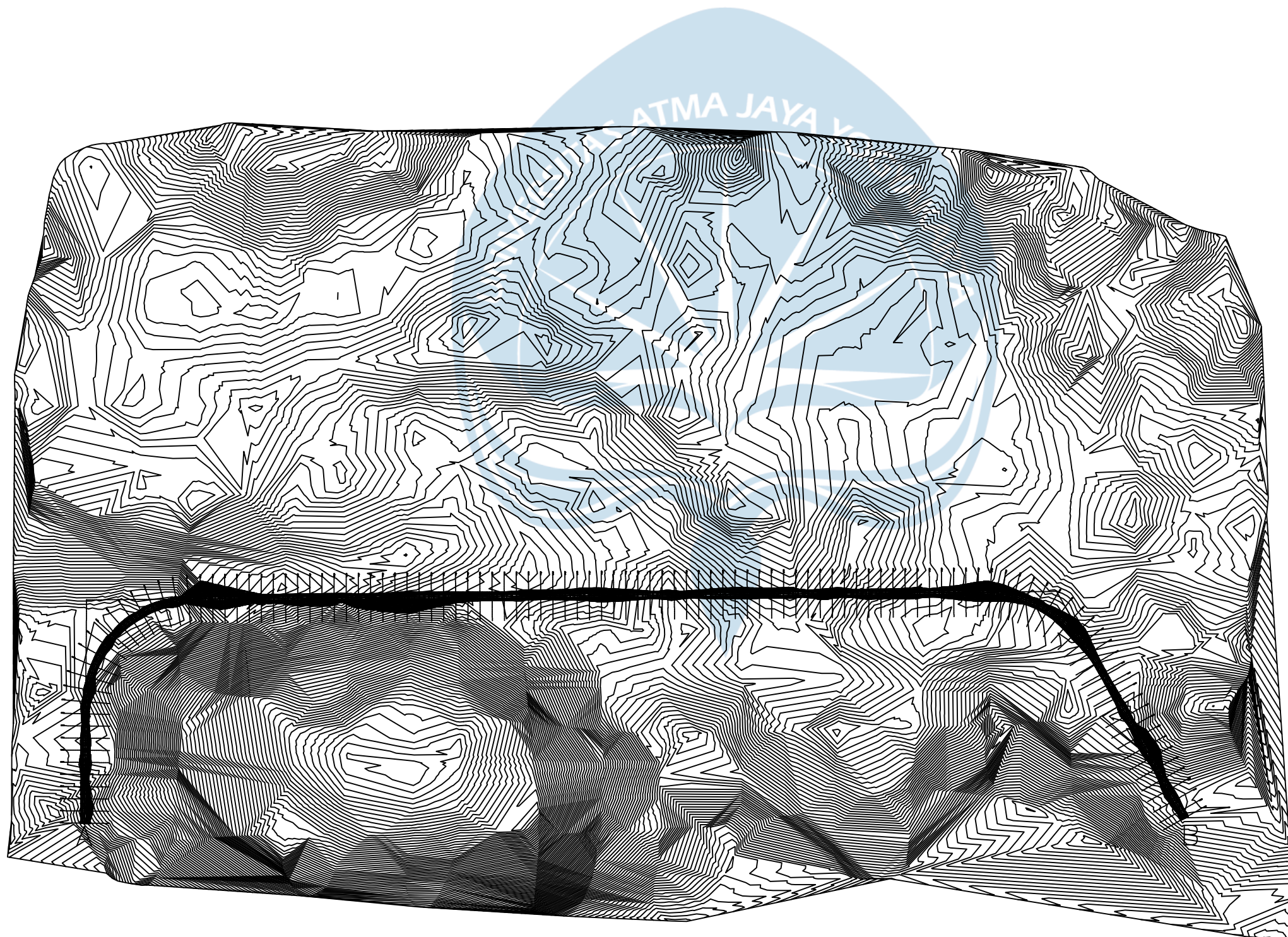
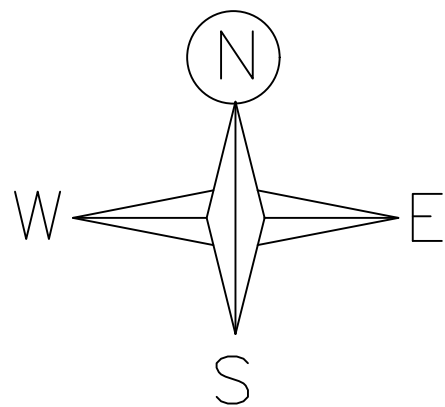
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KETERANGAN GAMBAR

Peta Kontur dan Trase

DIGAMBAR OLEH

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Stevanus Solossa/210218758

JUDUL GAMBAR

Peta Kontur

1 : 350

Skala

STA 0+000 – STA 0+080



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Plan dan Profil STA 0+000 - STA 0+080

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JUDUL GAMBAR

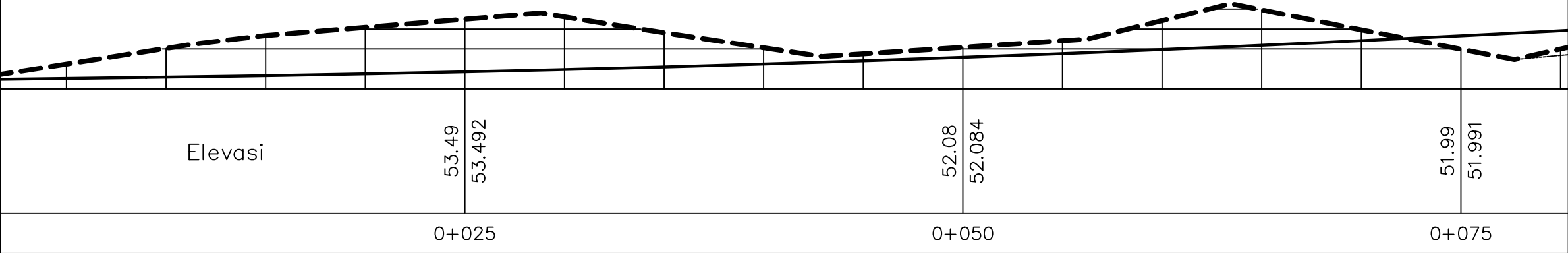
Plan dan Profil Jalan

1 : 1

Skala

0+000	0+020	0+040	0+060	0+080				
					0+075			

Keterangan	
Eksisting	-----
Profil Jalan	



STA 0+100 – STA 0+150

Station	0+100	0+120	0+140	0+150	0+160
Elevation (m)	55.32	55.324	59.64	59.639	59.89
Grade (%)	-2.00	-2.00	-2.00	-2.00	-2.00

Keterangan

Eksisting	Profil Jalan

The graph displays the road profile from STA 0+100 to 0+150. The existing ground is shown as a dashed line, and the proposed road profile is shown as a solid line. The road profile starts at an elevation of 55.32 m at STA 0+100 and rises to 59.89 m at STA 0+150. The grade is constant at -2.00%.

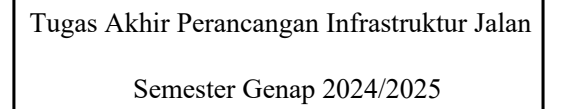
Elevasi

0+100

0+125

0+150

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Plan dan Profil STA 0+100 - 0+150

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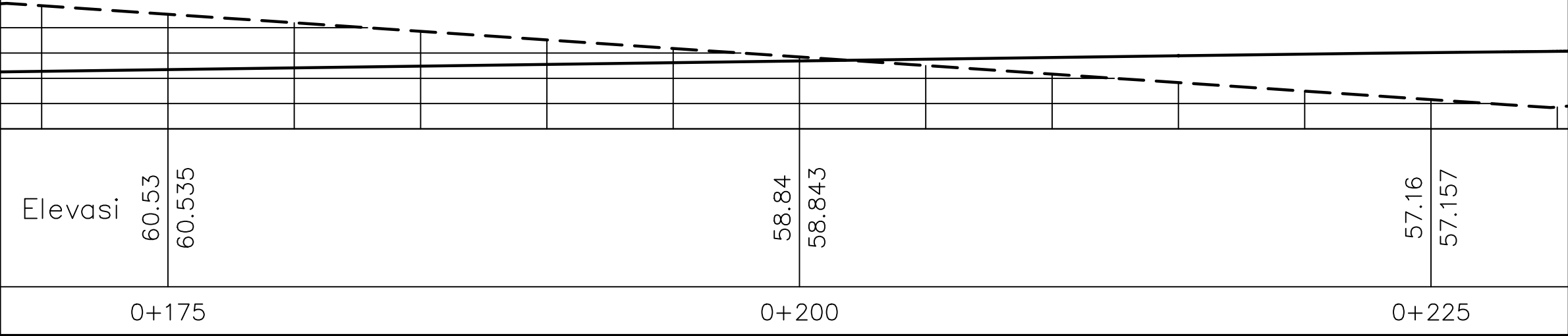
Plan dan Profil Jalan

Skala

STA 0+175 – STA 0+225

0+180		0+200			0+220	
		L: 0.00% R: -2.00%				

Keterangan	
Eksisting	
Profil Jalan	



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Plan dan Profil STA 0+175 - STA 0+225

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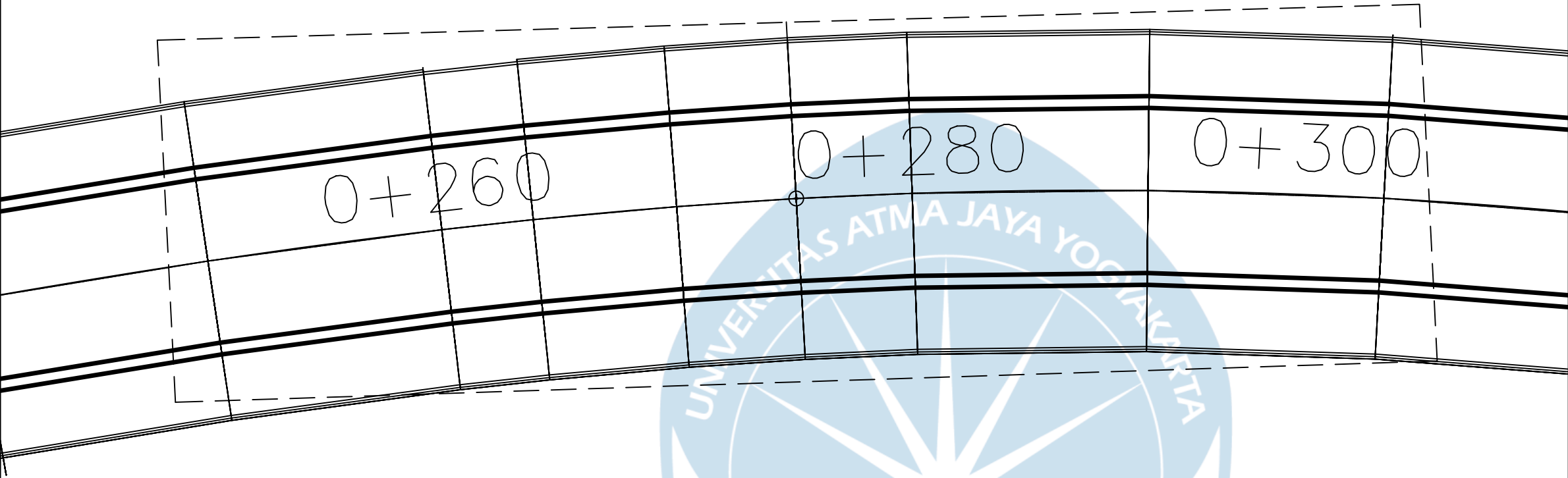
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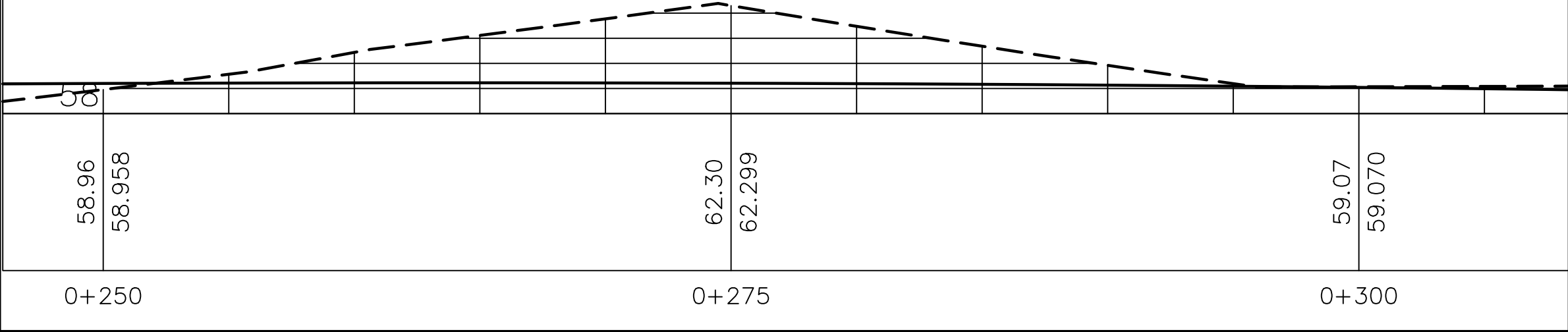
1 : 1

Skala

STA 0+250 – STA 0+300



Keterangan	
Eksisting	
Profil Jalan	



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Plan dan Profil STA 0+250 - STA 0+300

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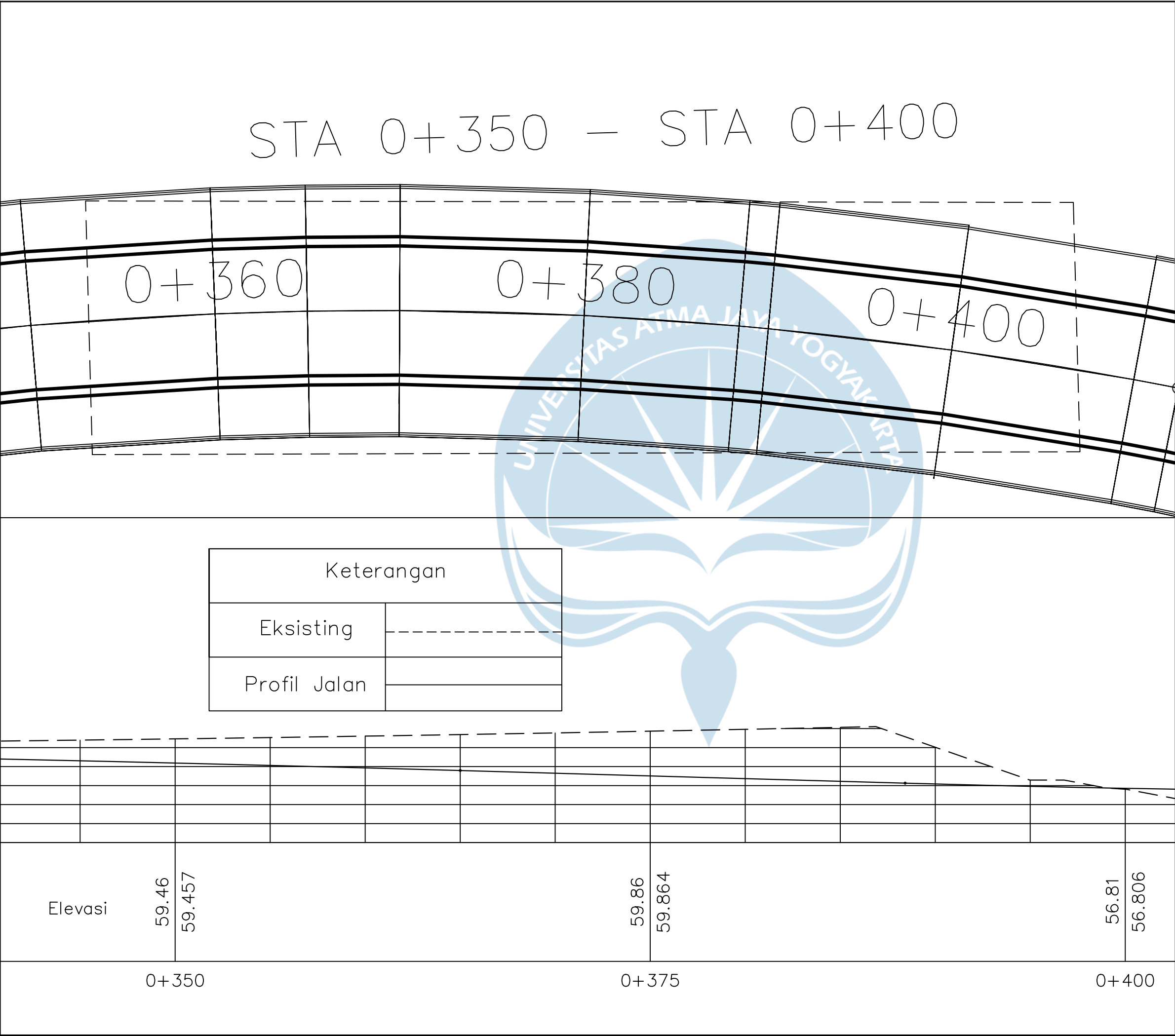
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Plan dan Profil STA 0+350 - 0+400

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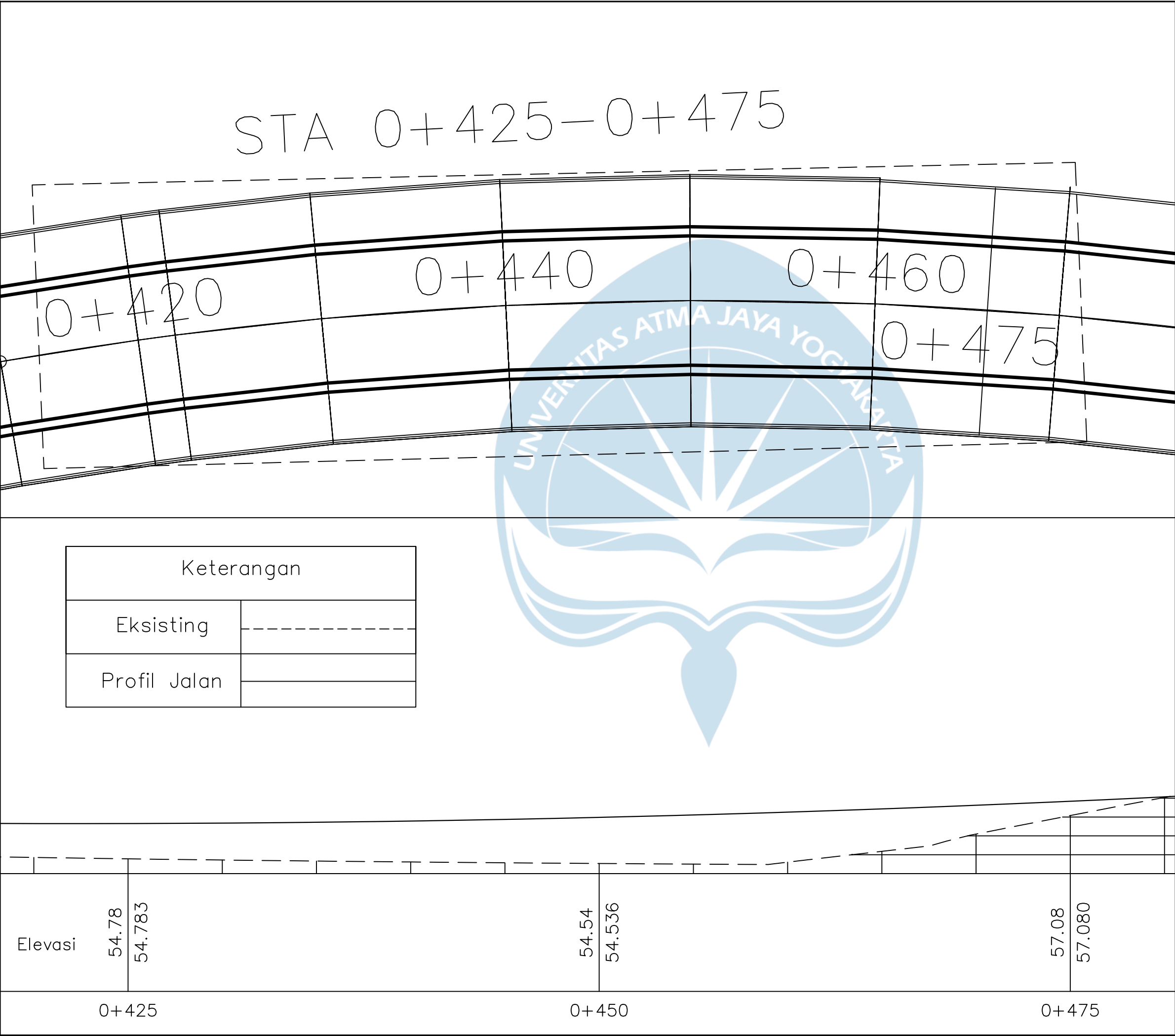
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1 : 1

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KETERANGAN GAMBAR

Plan dan Profil STA 0+425 - 0+475

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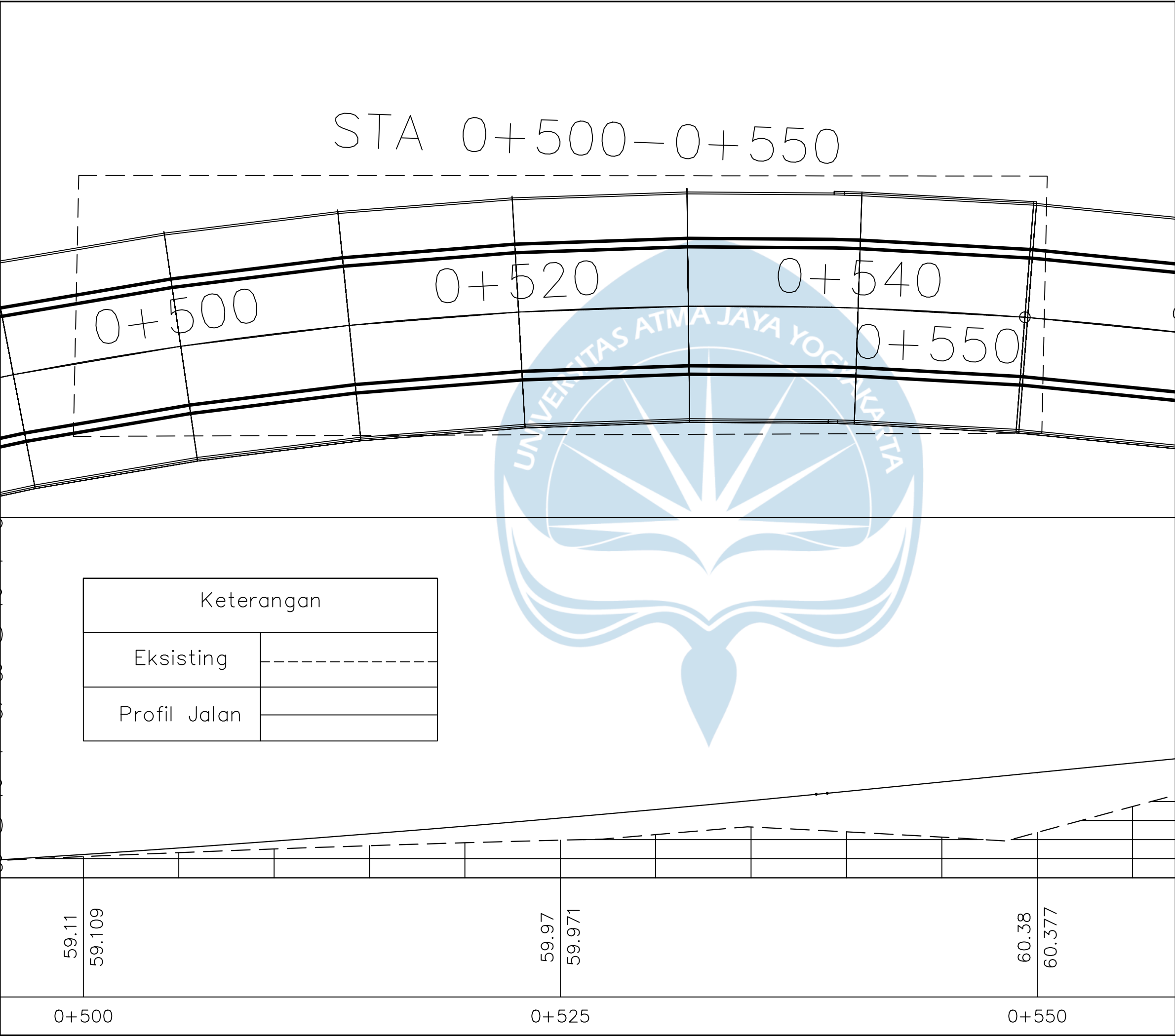
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Skala



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KETERANGAN GAMBAR

Plan dan Profil STA 0+500 - 0+550

DIGAMBAR OLEH

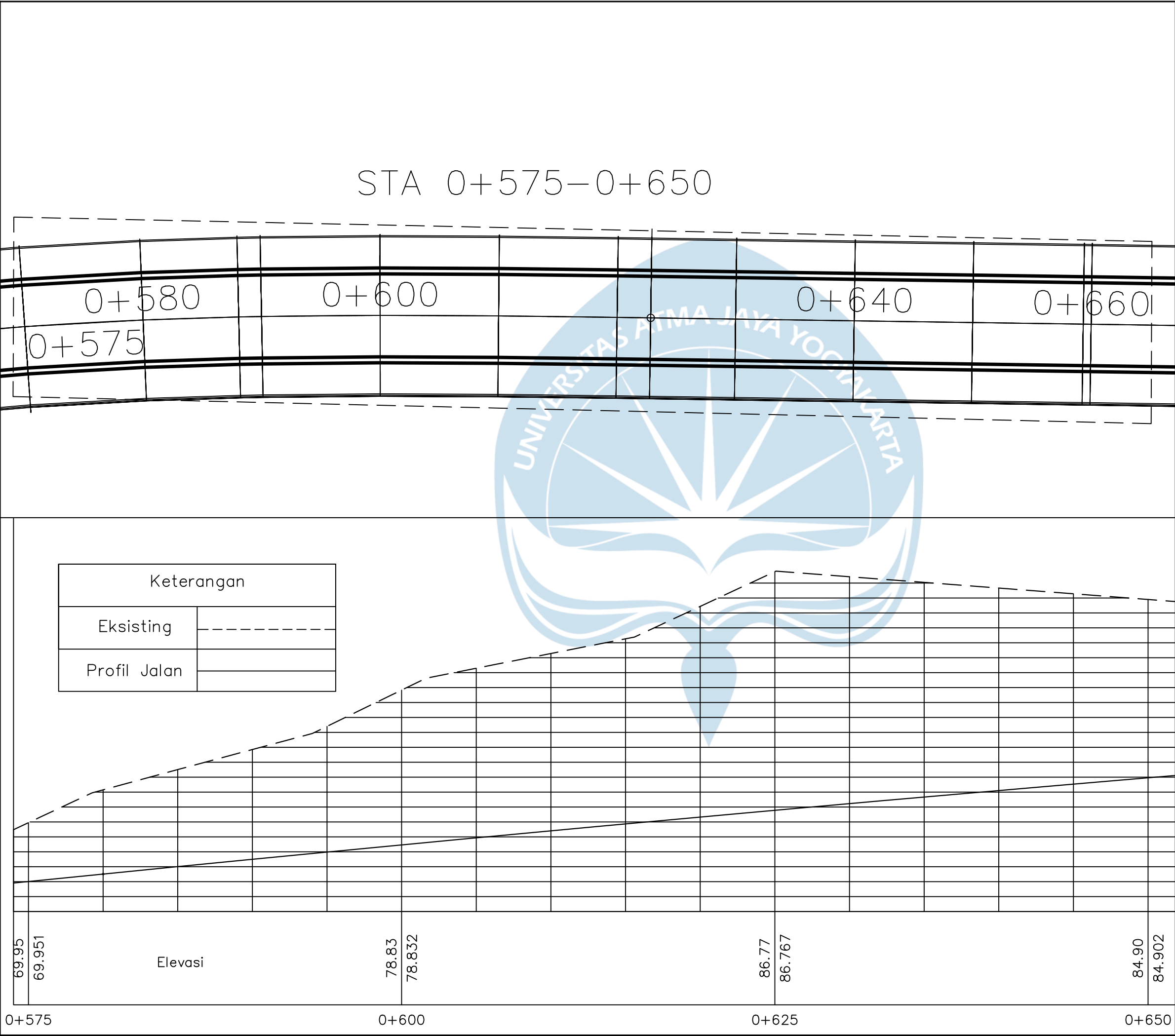
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Skala



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KETERANGAN GAMBAR

Plan dan Profil STA 0+575 - 0+650

DIGAMBAR OLEH

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JUDUL GAMBAR

Plan dan Profil Jalan

1 : 1

Skala

STA 0+675-0+725

Keterangan	
Eksisting	
Profil Jalan	

Elevasi

83.00

82.998

81.09

81.094

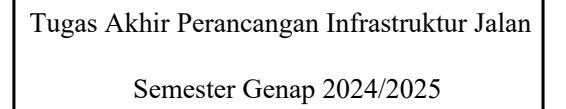
79.94

79.940

0+675

0+700

0+725



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Plan dan Profil STA0+675- 0+725

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Stevanus Solossa /210218758

Plan dan Profil

Skala

STA 0+750-0+800						
	0+760		0+780		0+800	
0+750						

Keterangan	
Eksisting	
Profil Jalan	

Elevasi

80.98

80.983

81.85

81.845

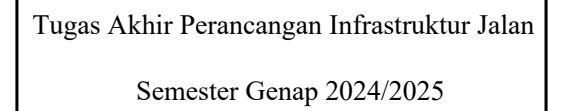
83.91

83.909

0+750

0+775

0+800



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Plan dan Profil STA 0+750-0+800

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Plan dan Profil

Skala

STA 0+825-0+900

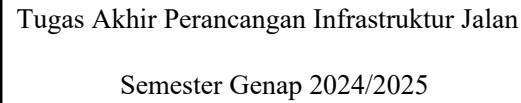


The diagram shows a cross-section of a road profile. The horizontal axis represents stationing from 0+825 to 0+900. The vertical axis represents elevation. Two lines are plotted: a solid line for the existing profile and a dashed line for the proposed profile. The proposed profile is generally higher than the existing profile, with a significant rise starting around station 0+875. A table in the upper left corner provides a legend for the lines.

Keterangan	
Eksisting	— (Solid Line)
Profil Jalan	- - - (Dashed Line)

Key elevation data points from the diagram:

Station	Existing Elevation (m)	Proposed Elevation (m)
0+825	86.17	86.167
0+850	88.42	88.425
0+875	90.68	90.683
0+900	93.36	93.361



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Plan dan Profil STA 0+825-0+900

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Plan dan Profil

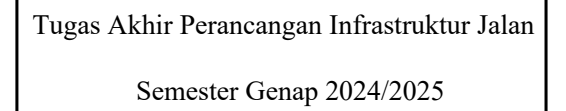
Skala

STA 0+925-0+975

0+925	0+940	0+955	0+960	0+975			

Keterangan	
Eksisting	
Profil Jalan	

Elevasi	96.58 96.579	99.80 99.796	103.01 103.014		
	0+925	0+950	0+975		



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STA 0+925-0+975

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Plan dan Profil

Skala

STA 1+000-1+050							
	1+000		1+020		1+040		
					1+050		

The diagram shows a cross-section of a road profile. The vertical axis represents elevation in meters, with labels at 106.23, 106.231, 108.54, 108.541, 108.36, and 108.357. The horizontal axis represents stationing, with labels at 1+000, 1+025, and 1+050. A dashed line represents the existing ground profile, and a solid line represents the proposed road profile. The proposed profile starts at an elevation of 106.231 at station 1+000 and rises to 108.357 at station 1+050. A table in the top left corner provides details for the profile.

Keterangan	
Eksisting	-----
Profil Jalan	-----



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Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Plan dan Profil STA 1+000-1+050

DIGAMBAR OLEH

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JUDUL GAMBAR

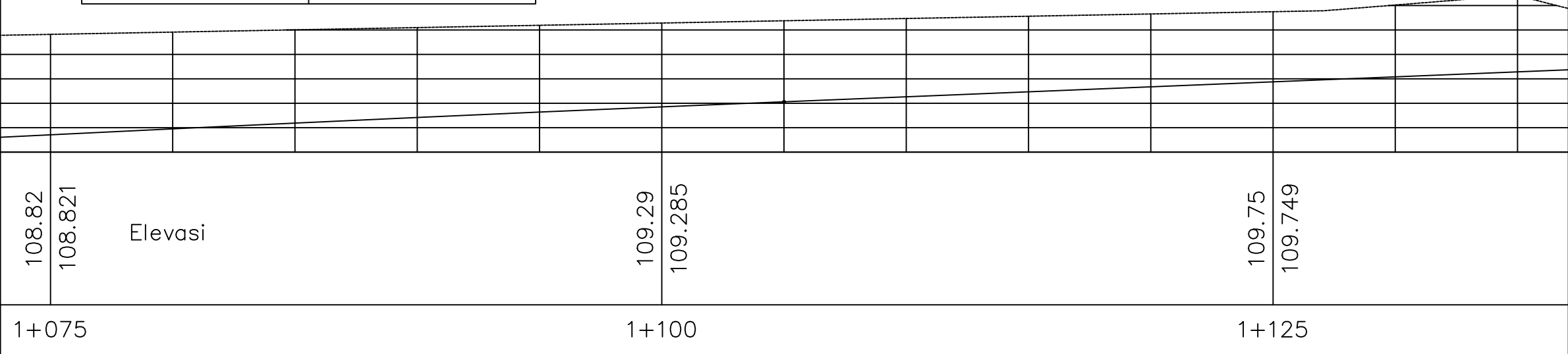
Plan dan Profil

1 : 1

Skala

Diagram of a road cross-section showing a 10m wide road with a 2% cross-slope. The road is divided into two 5m lanes. The centerline is at STA 1+075-1+125. The diagram shows a 10m wide road with a 2% cross-slope. The road is divided into two 5m lanes. The centerline is at STA 1+075-1+125.

Keterangan	
Eksisting	-----
Profil Jalan	



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KETERANGAN GAMBAR

DIGAMBAR OLEH

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JUDUL GAMBAR

1 : 1

Skala

STA 1+150-1+225



Keterangan	
Eksisting	-----
Profil Jalan	

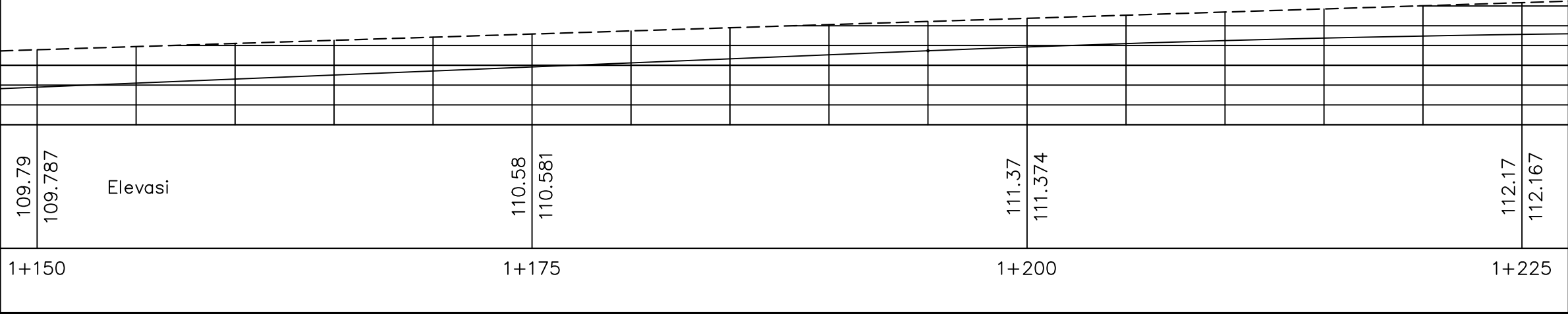
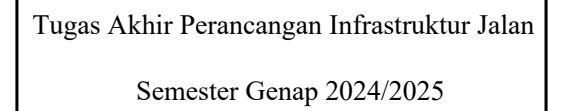


Diagram illustrating the cross-section of a 6-lane highway (3 lanes in each direction) with stationing and lane widths.

The diagram shows a cross-section of a 6-lane highway with a total width of 30.00 meters. The lanes are labeled with stationing: STA 1+250, STA 1+260, STA 1+280, and STA 1+300. The lane widths are indicated by dashed lines and labels: 3.75m, 3.75m, 3.75m, 3.75m, 3.75m, and 3.75m. The total width is 30.00m.

Keterangan	
Eksisting	
Profil Jalan	

The diagram illustrates the cross-section of a road profile. The existing ground profile (dashed line) and the proposed road profile (solid line) are shown. The road profile starts at an elevation of 112.961 at station 1+250 and decreases to 110.716 at station 1+300. The existing ground profile starts at 112.96 at station 1+250 and decreases to 110.72 at station 1+300. The diagram is divided into sections by vertical lines, with station markers at 1+250, 1+275, and 1+300.



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STA 1+250-1+300

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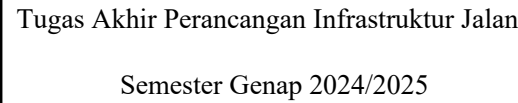
Plan dan Profil

Skala

STA 1+325-1+375

Keterangan									
Eksisting									
Profil Jalan									
109.48	109.484				108.25	108.252			
1+325					1+350				1+375

The diagram illustrates a cross-section profile for a road project. The horizontal axis represents stationing from STA 1+325 to STA 1+375. The vertical axis represents elevation. A dashed line indicates the existing ground profile, and a solid line indicates the proposed road profile. The road profile starts at an elevation of 109.48 at STA 1+325 and decreases to 107.02 at STA 1+375. The diagram includes a grid with stationing labels (1+325, 1+340, 1+360, 1+375) and elevation labels (109.48, 109.484, 108.25, 108.252, 107.02, 107.020). A watermark of Universitas Atma Jaya Yogyakarta is visible in the background.



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Kabupaten Gunung Kidul

STA 1+325-1+375

Nico Leonard Dwiputra/210218721
Stevanus Solossa /210218758

Plan dan Profil

Skala

STA 1+400–1+475

1+400		1+420		1+440		1+460		1+475	

Keterangan	
Eksisting	
Profil Jalan	

105.79

105.788

Elevasi

103.96

103.955

100.65

100.654

97.35

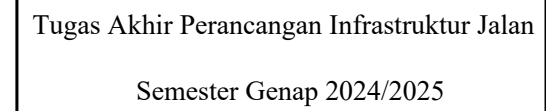
97.353

1+400

1+425

1+450

1+475



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STA 1+400-1+475

Nico Leonard Dwiputra/210218721

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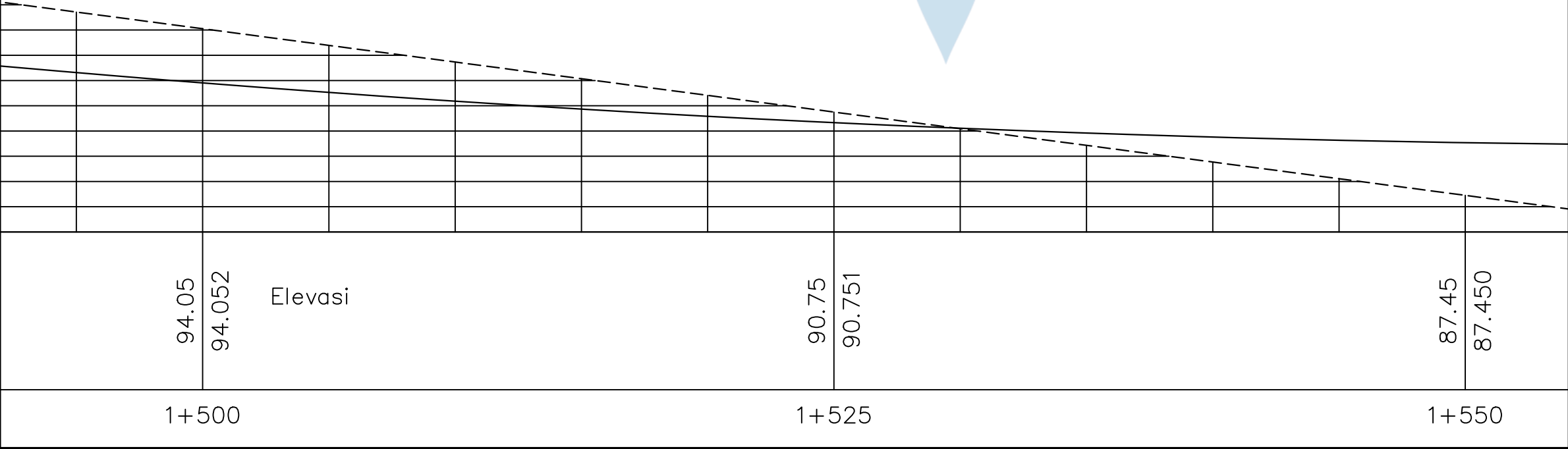
Plan dan Profil

Skala

STA 1+500-1+550

1+500		1+520		1+540	1+550

Keterangan	
Eksisting	
Profil Jalan	



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KETERANGAN GAMBAR

STA 1+500-1+550

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
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JUDUL GAMBAR

Plan dan Profil

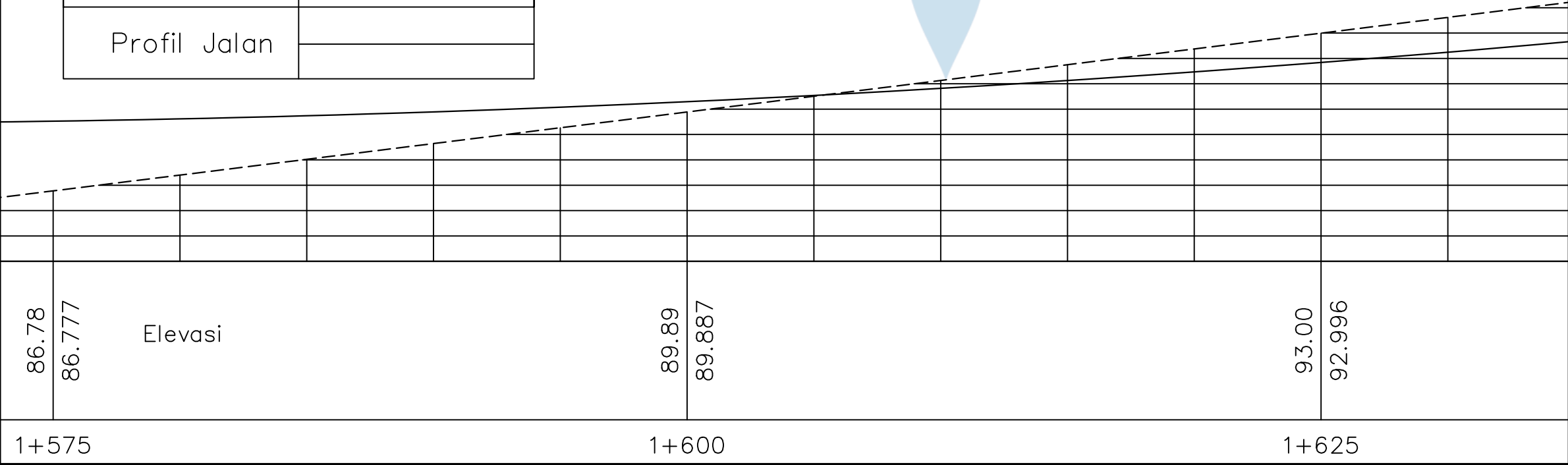
1 : 1

Skala

STA 1+575-1+625

	1+580		1+600		1+620	
1+575					1+625	

Keterangan	
Eksisting	
Profil Jalan	



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KETERANGAN GAMBAR

STA 1+575-1+625

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JUDUL GAMBAR

Plan dan Profil

1 : 1

Skala

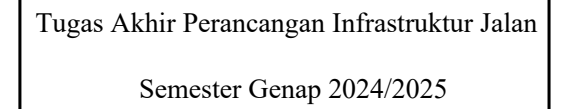
STA 1+650-1+700

1+650	1+660	1+680	1+700		

Keterangan	
Eksisting	
Profil Jalan	

96.11 96.106	
Elevasi	

99.22 99.215		102.32 102.325
1+650	1+675	1+700



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STA 1+650-1+700

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Stevanus Solossa /210218758

Plan dan Profil

Skala

STA 1+725-1+800

1+720	1+740	1+760	1+780	1+800
1+725				

Keterangan	
Eksisting	
Profil Jalan	

Elevasi

104.83
104.833

106.00
106.000

107.50
107.504

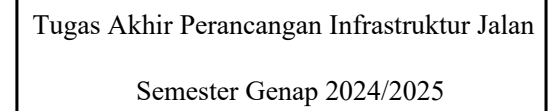
109.01
109.008

1+725

1+750

1+775

1+800



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STA 1+725-1+800

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Plan dan Profil

Skala

Diagram illustrating a parabolic curve with stationing 1+825 to 1+875. The curve is shown as a dashed line above a horizontal axis. The horizontal axis is divided into segments with stationing labels: 1+825, 1+840, 1+860, 1+880, and 1+900. The curve starts at station 1+825 and ends at station 1+875. The diagram is overlaid on a grid.

The diagram illustrates a cross-section of a road profile. It features a grid with a horizontal axis representing stationing and a vertical axis representing elevation. A dashed line represents the existing ground profile, and a solid line represents the proposed road grade. The road grade starts at an elevation of 109.01 at station 1+825 and decreases to 101.54 at station 1+875. A table in the upper left corner provides details for the profile.

Keterangan	
Eksisting	
Profil Jalan	

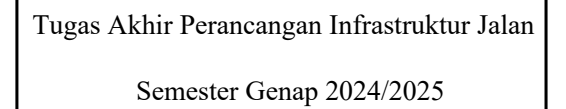
Elevasi

109.01
109.008

104.94
104.943

101.54
101.543

1+825 1+850 1+875



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STA 1+825-1+875

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Stevanus Solossa /210218758

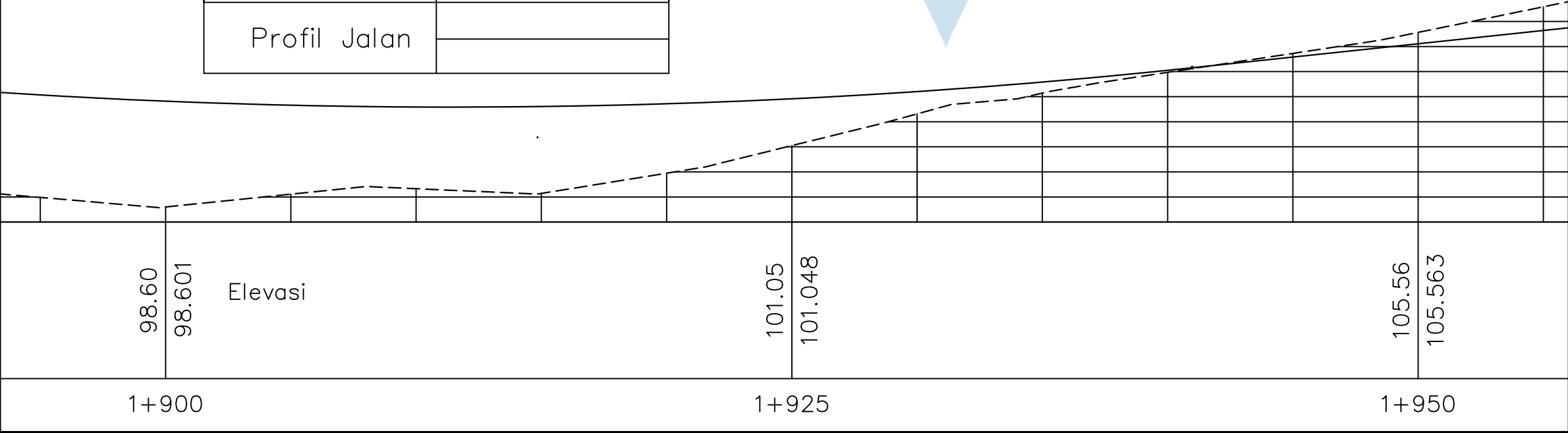
Plan dan Profil

Skala

STA 1+900–1+950

1+900		1+920		1+940		1+950	

Keterangan	
Eksisting	
Profil Jalan	



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 1+900-1+950

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa /210218758

JUDUL GAMBAR

Plan dan Profil

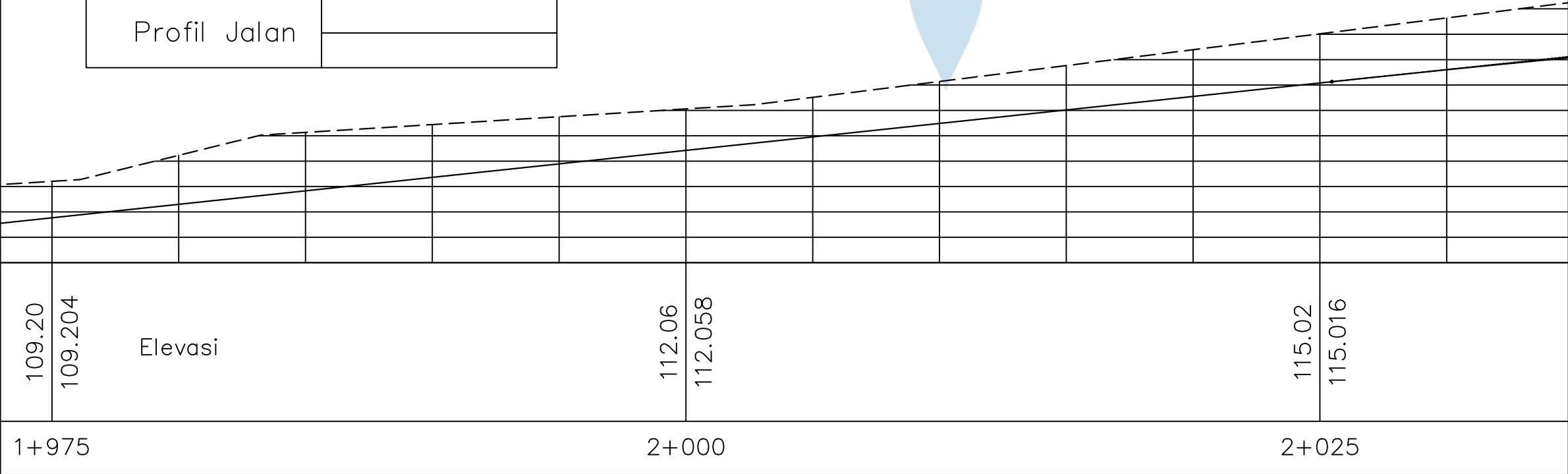
1 : 1

Skala

STA 1+975-2+025

	1+980		2+000		2+020	
1+975					2+025	

Keterangan	
Eksisting	
Profil Jalan	



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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KETERANGAN GAMBAR

STA 1+975-2+025

DIGAMBAR OLEH

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Stevanus Solossa /210218758

JUDUL GAMBAR

Plan dan Profil

1 : 1

Skala

STA 2+075-2+125

2+075	2+080	2+100	2+120	2+125
2+075				2+125

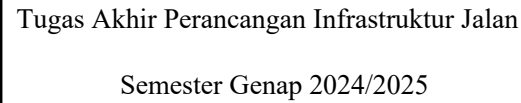
Keterangan	
Eksisting	
Profil Jalan	

120.06
120.062
Elevasi

119.19
119.190

120.85
120.852

2+075 2+100 2+125



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STA 2+075-2+125

Nico Leonard Dwiputra/210218721

Stevanus Solossa /210218758

Plan dan Profil

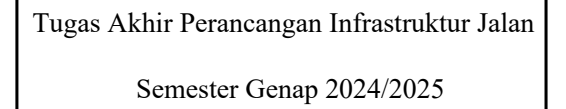
Skala

STA 2+150-2+200

Keterangan	
Eksisting	
Profil Jalan	

Elevasi

Station	Elevation
2+150	122.70
2+175	124.51
2+200	125.708



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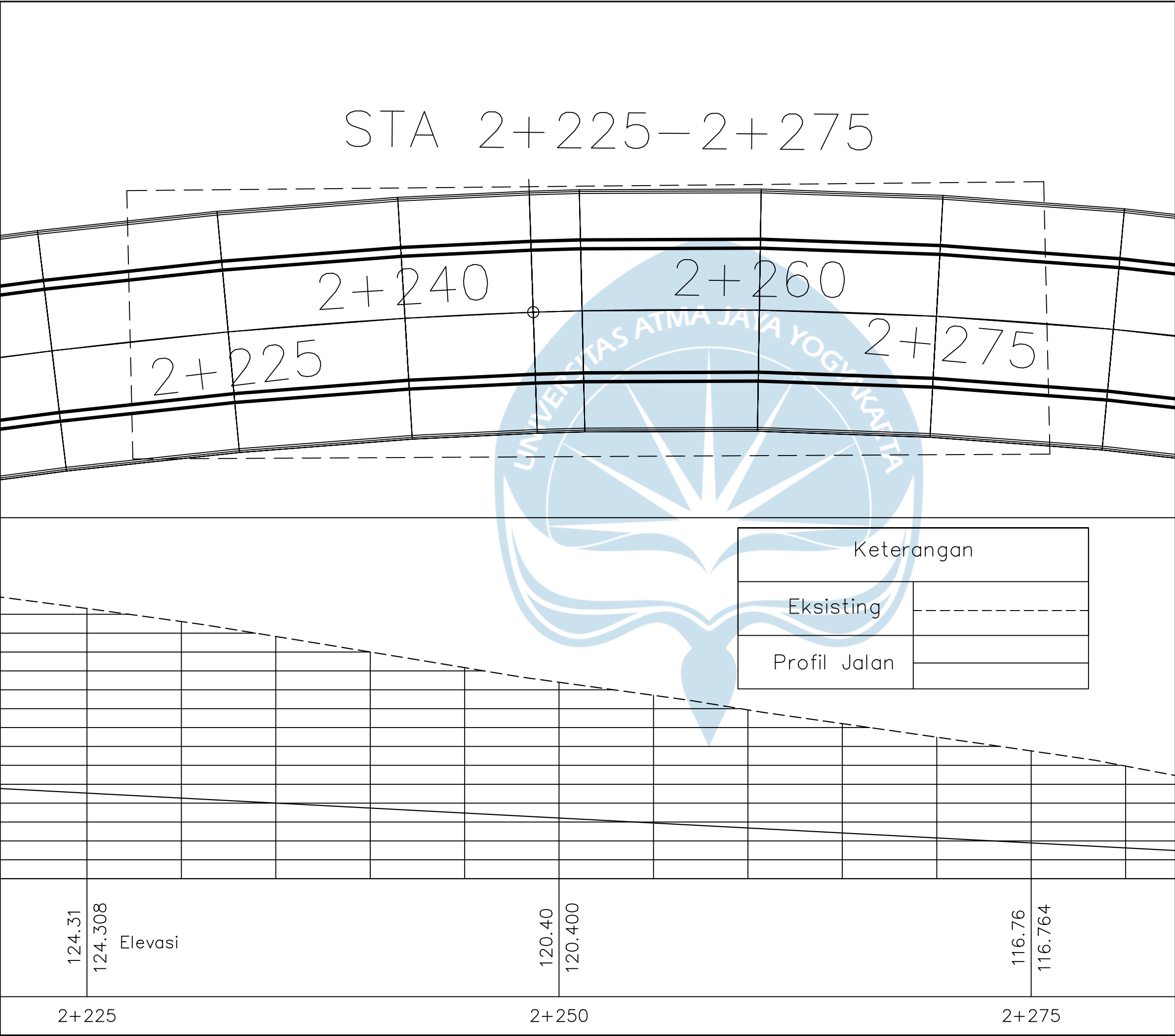
STA 2+150-2+200

Nico Leonard Dwiputra/210218721

Stevanus Solossa /210218758

Plan dan Profil

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 2+225-2+275

DIGAMBAR OLEH

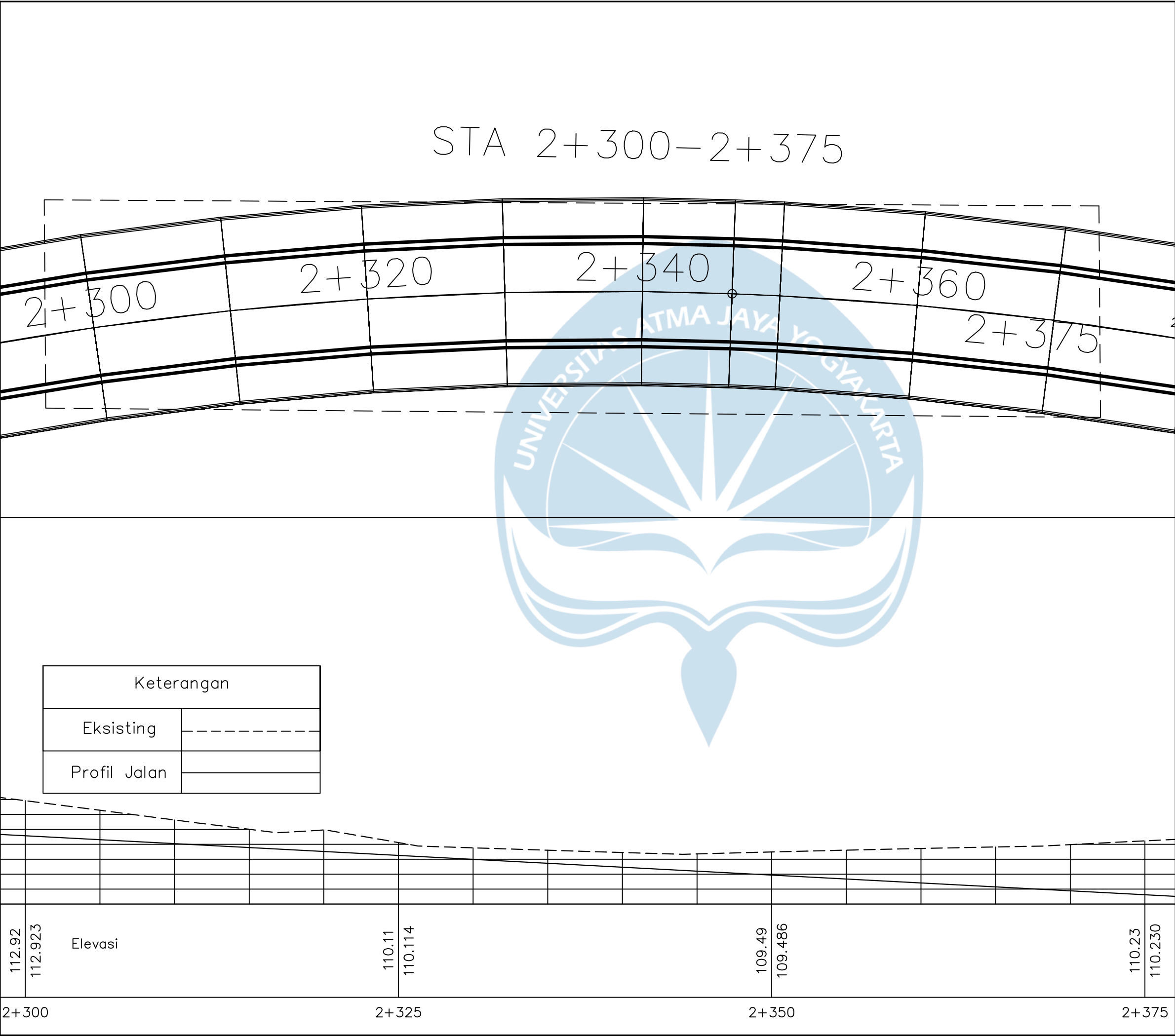
Nico Leonard Dwiputra/210218721
Stevanus Solossa /210218758

JUDUL GAMBAR

Plan dan profil

1 : 1

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 2+225-2+275

DIGAMBAR OLEH

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Stevanus Solossa /210218758

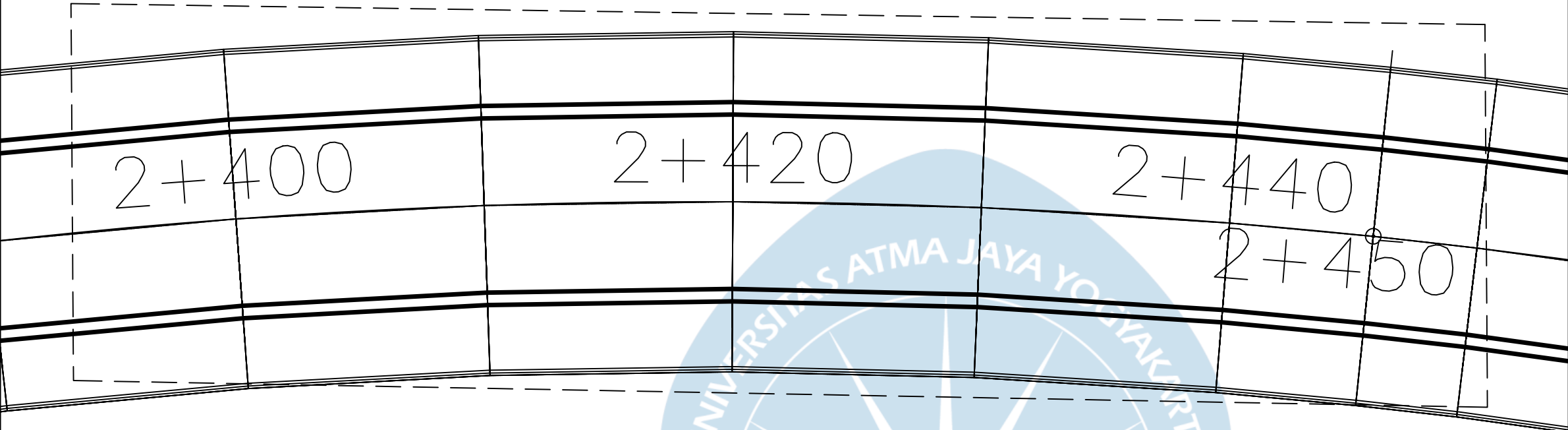
JUDUL GAMBAR

Plan dan Profil

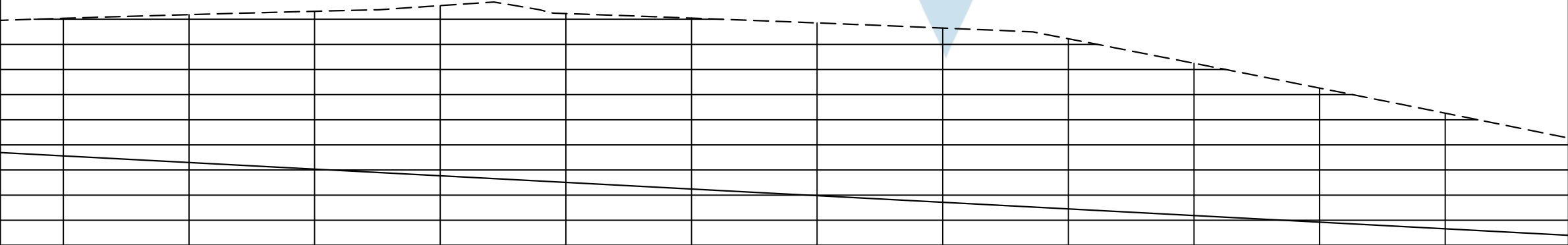
1 : 1

Skala

STA 2+400-2+450



Keterangan	
Eksisting	
Profil Jalan	



111.18	Elevasi	110.85	107.26
111.185		110.854	107.263
2+400		2+425	2+450



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Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 2+400-2+450

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa /210218758

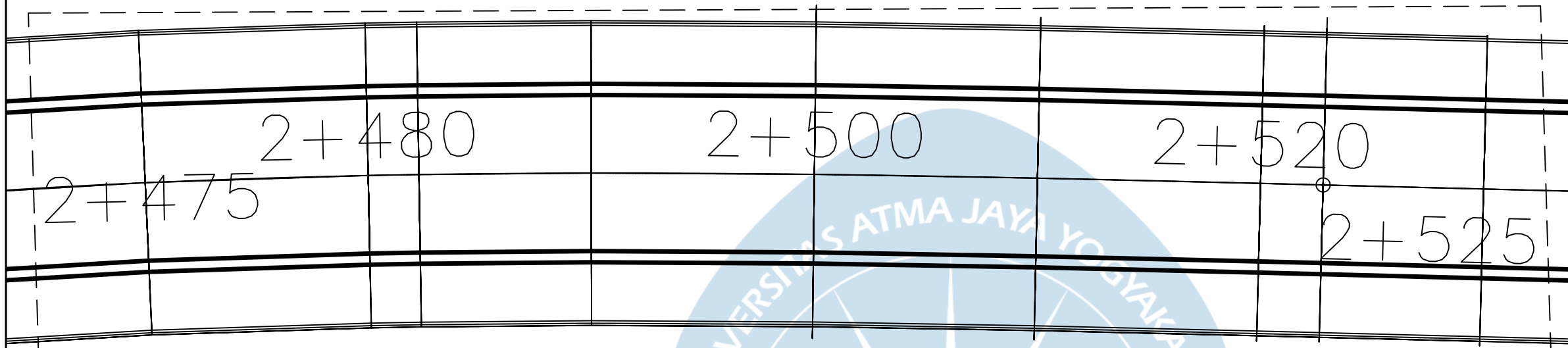
JUDUL GAMBAR

Plan dan Profil

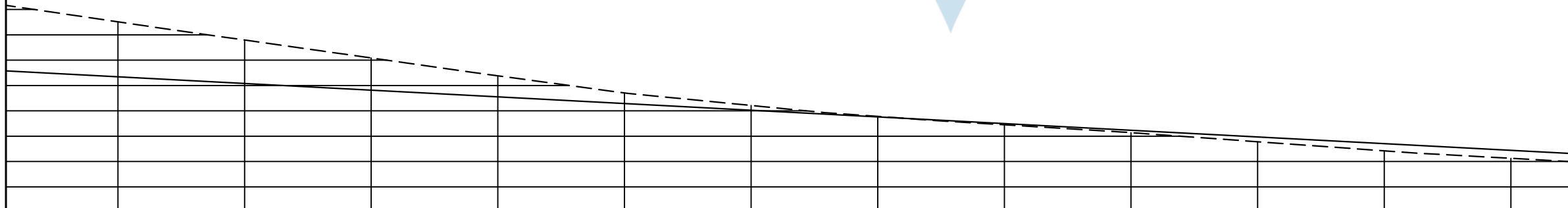
1 : 1

Skala

STA 2+475-2+525



Keterangan	
Eksisting	
Profil Jalan	



103.51 103.513	Elevasi	100.21 100.213	98.42 98.422
2+475		2+500	2+525



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Semester Genap 2024/2025

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KETERANGAN GAMBAR

STA 2+475-2+525

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa /210218758

JUDUL GAMBAR

Plan dan Profil

1 : 1

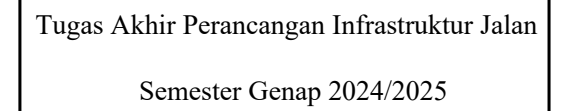
Skala

STA 2+550-2+600

Keterangan	
Eksisting	-----
Profil Jalan	—————

96.64 96.645	94.63 94.630	91.84 91.843
2+550	2+575	2+600

Elevasi



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STA 2+550-2+600

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Stevanus Solossa /210218758

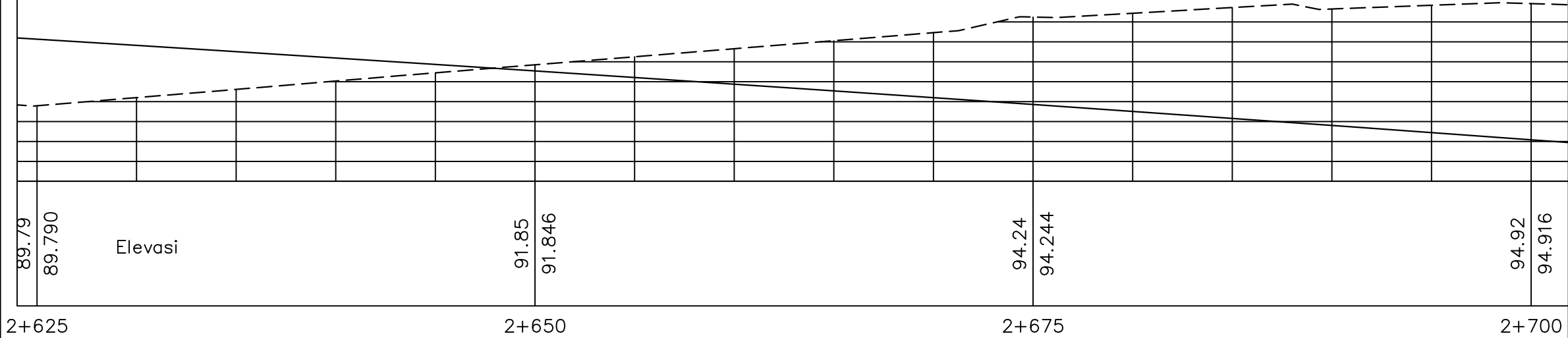
Plan dan Profil

Skala

STA 2+625–2+700

		2+640		2+660		2+680		2+700			
2+625											

Keterangan	
Eksisting	
Profil Jalan	



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 2+625-2+700

DIGAMBAR OLEH

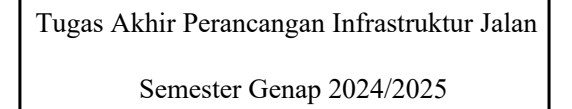
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JUDUL GAMBAR

Plan dan Porfil

1 : 1

Skala

[illegible]

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Kabupaten Gunung Kidul

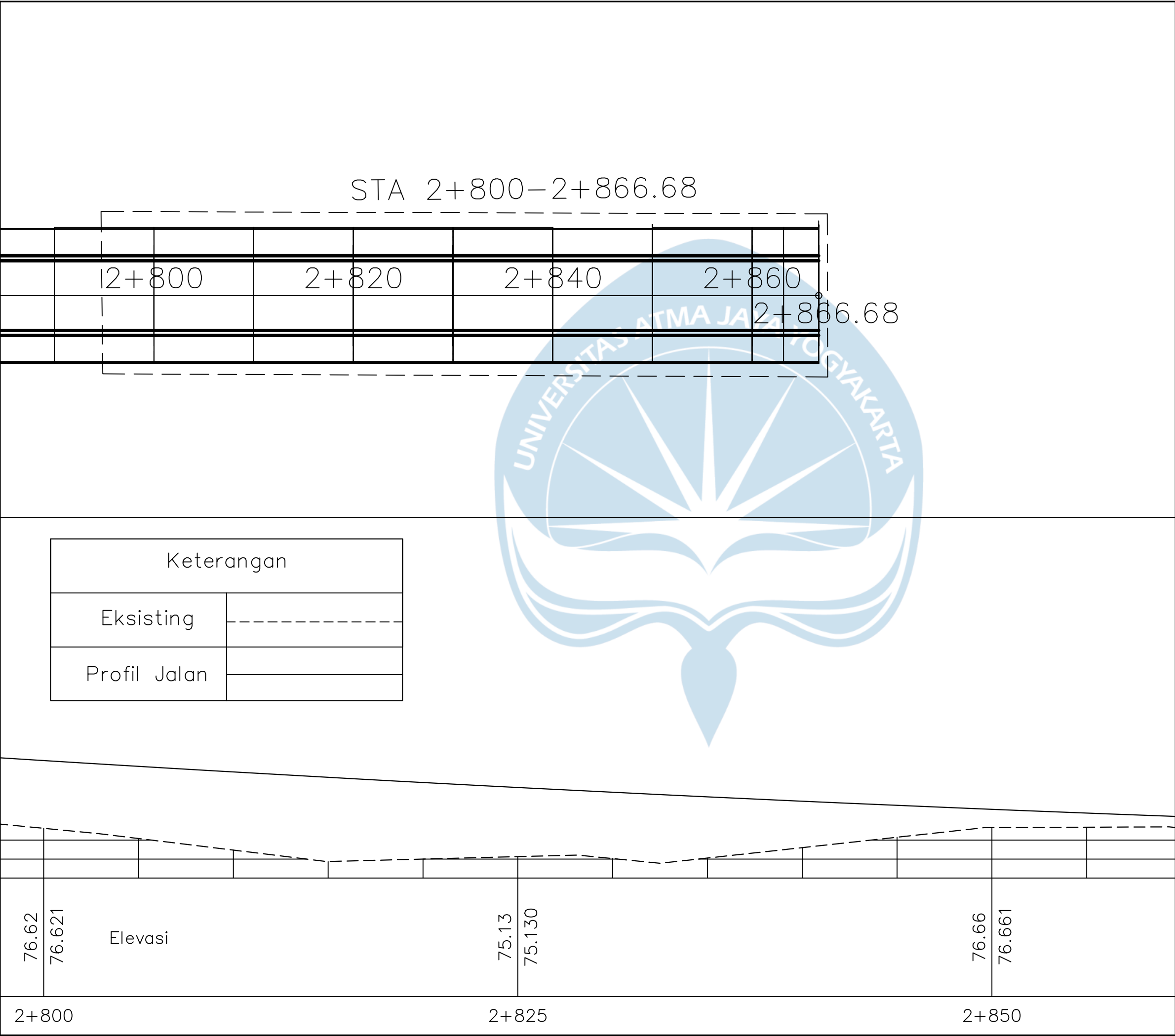
STA 2+725-2+775

Nico Leonard Dwiputra/210218721

Stevanus Solossa /210218758

Plan dan Profil

Skala





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

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LOKASI

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KETERANGAN GAMBAR

STA 2+800-2+866.68

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721

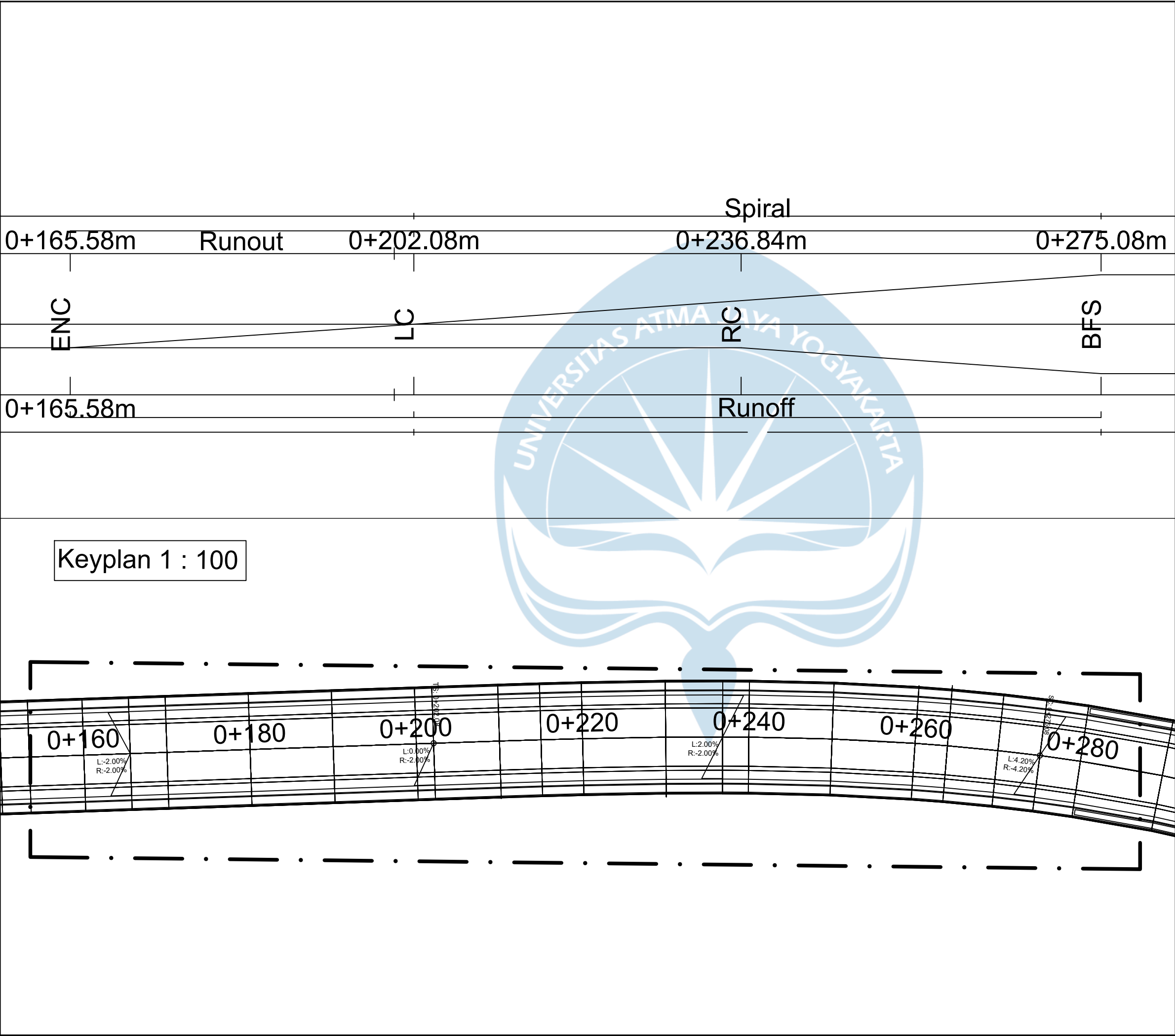
Stevanus Solossa /210218758

JUDUL GAMBAR

Plan dan Profil

1 : 1

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

STA 0+165.58 - STA 0+275.80
Spiral Tikungan 1

DIGAMBAR OLEH

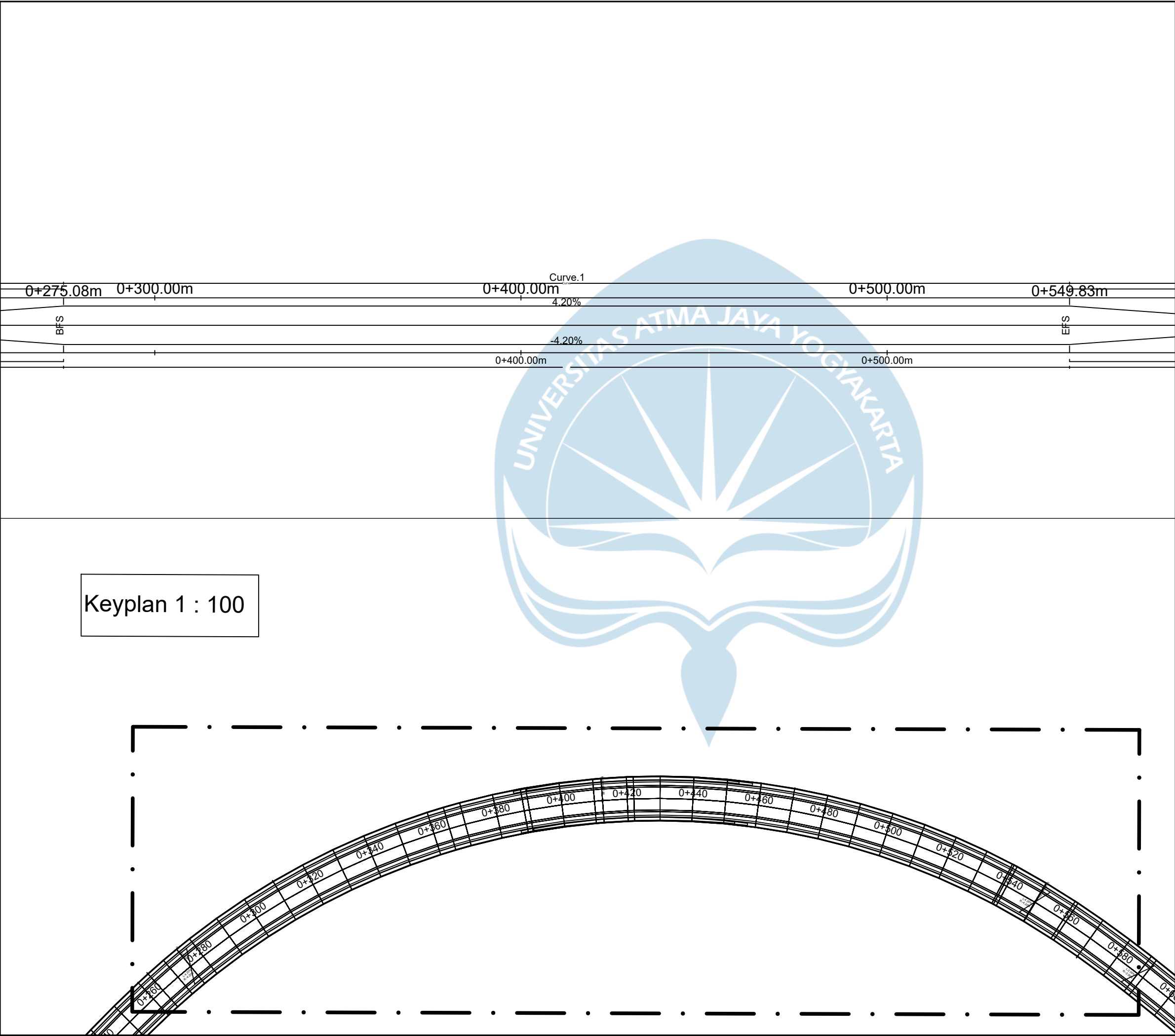
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Diagram Superelevasi

1 : 100

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

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LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

STA 0+275.08 - STA 0+549.83
Spiral Tikungan 1

DIGAMBAR OLEH

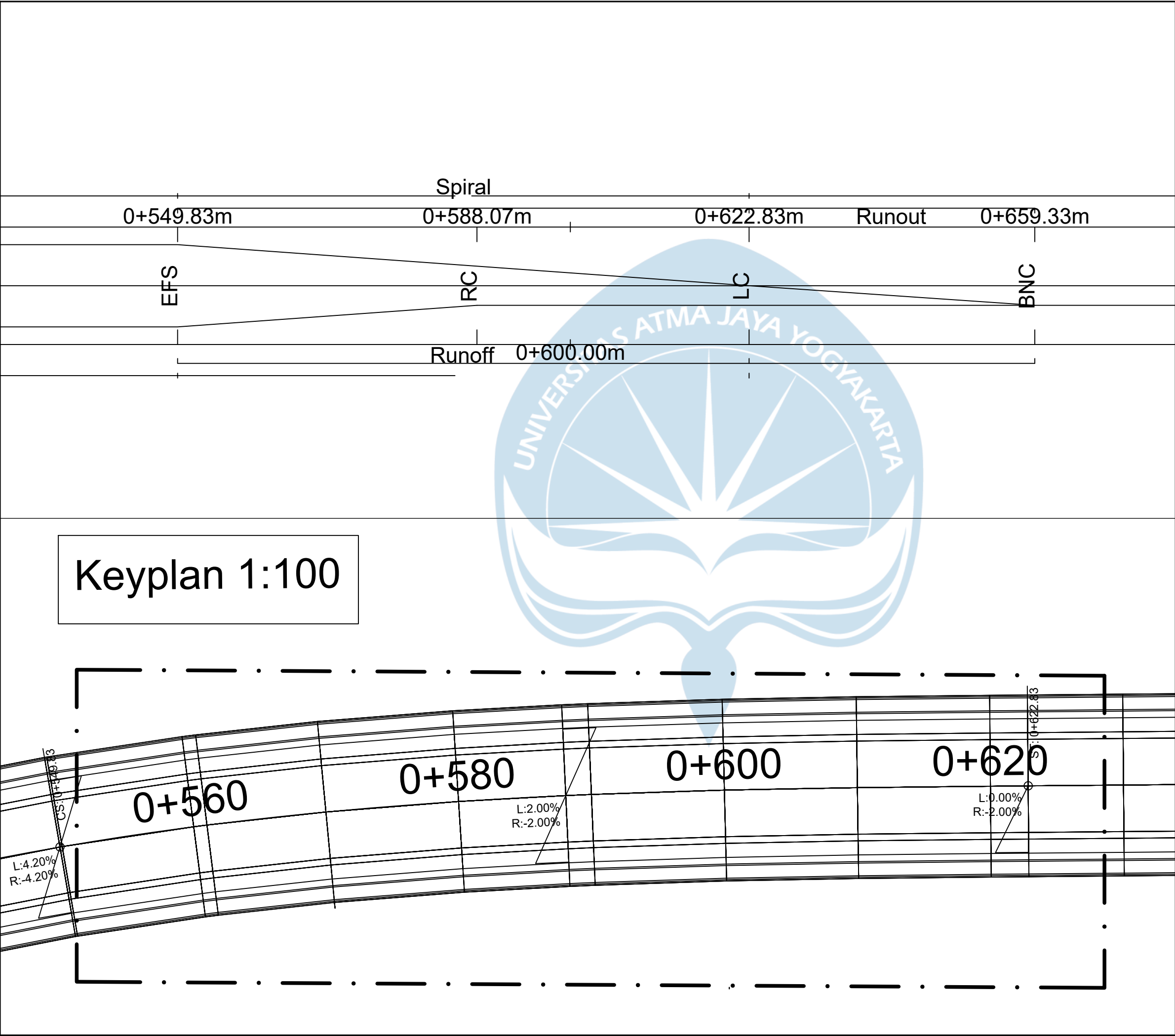
Nico Leonard Dwiputra/210218721
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JUDUL GAMBAR

Diagram Superelevasi

1 : 100

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

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LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

STA 0+549.83 - STA 0+659.33
Spiral Tikungan 1

DIGAMBAR OLEH

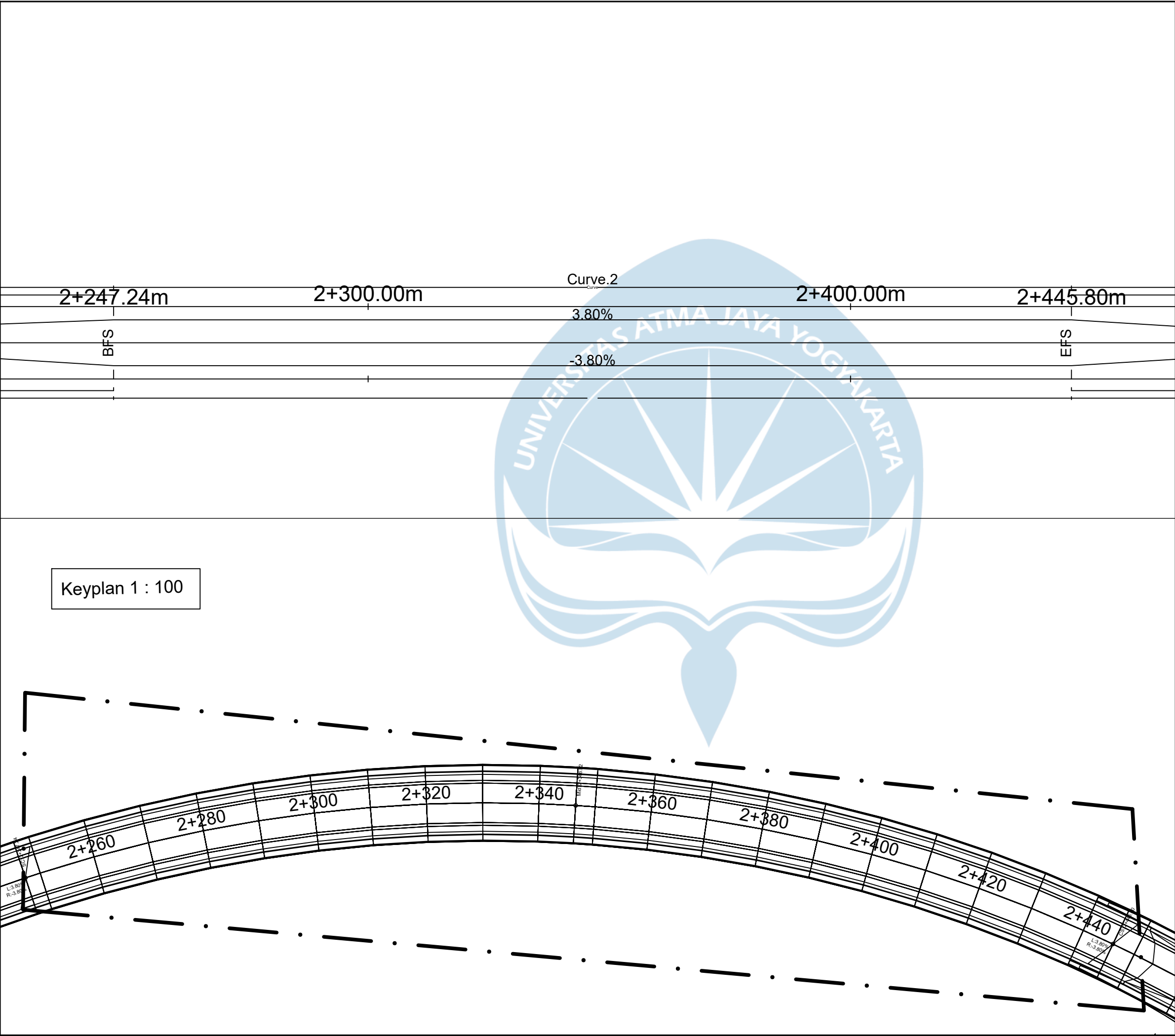
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Diagram Superelevasi

1 : 100

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

STA 2+247.24 - STA 2+445.80
Spiral Tikungan 2

DIGAMBAR OLEH

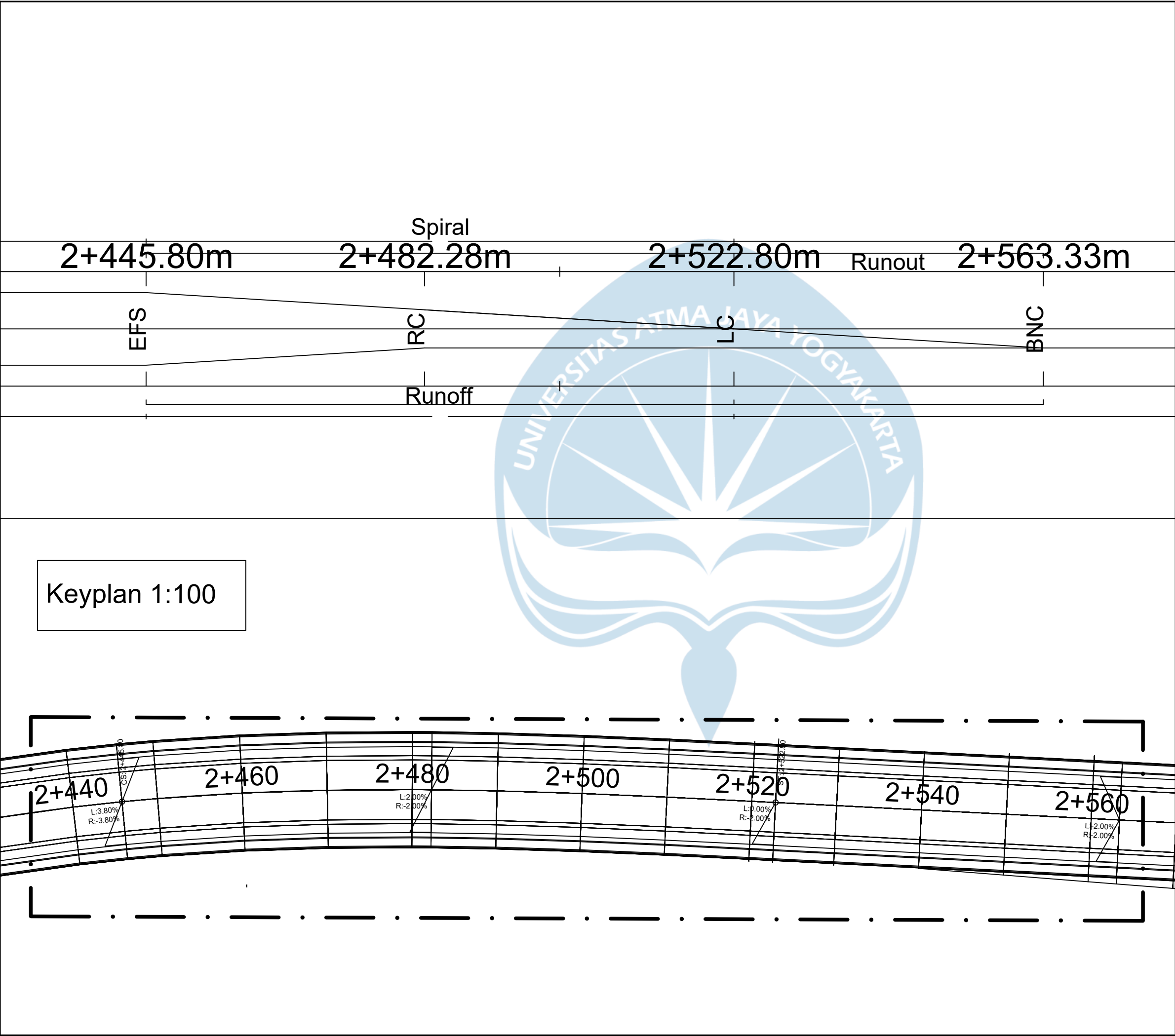
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Diagram Superelevasi

1 : 100

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

STA 2+445.80 - STA 2+563.33
Spiral Tikungan 2

DIGAMBAR OLEH

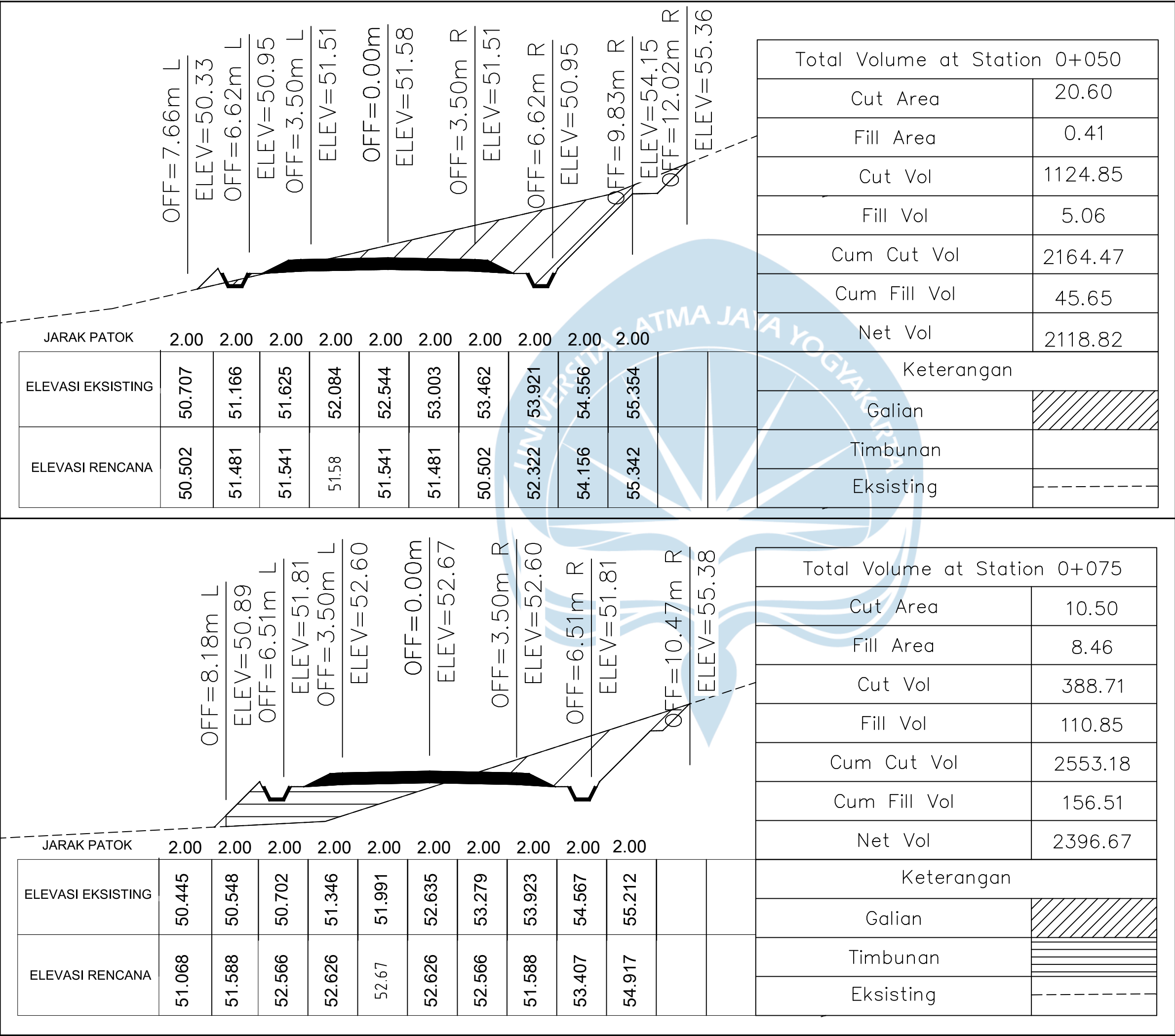
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

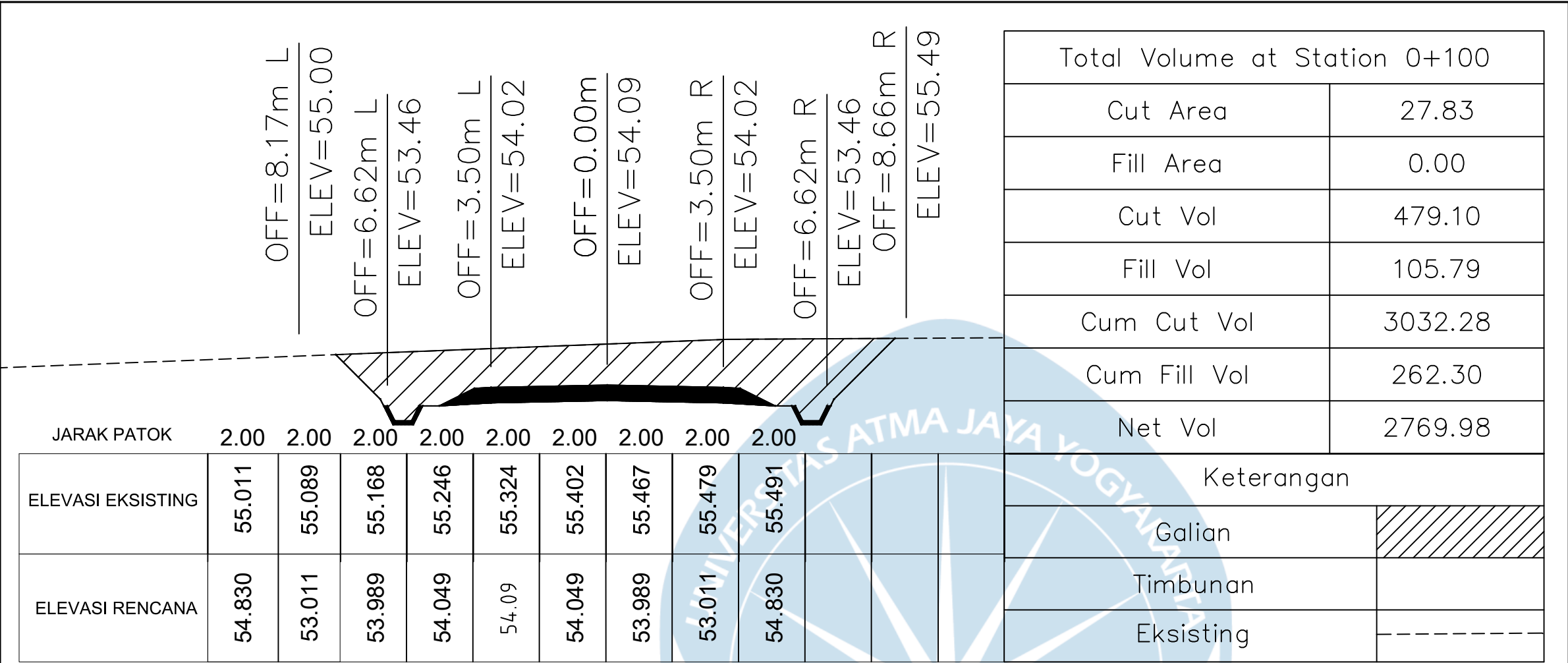
JUDUL GAMBAR

Diagram Superelevasi

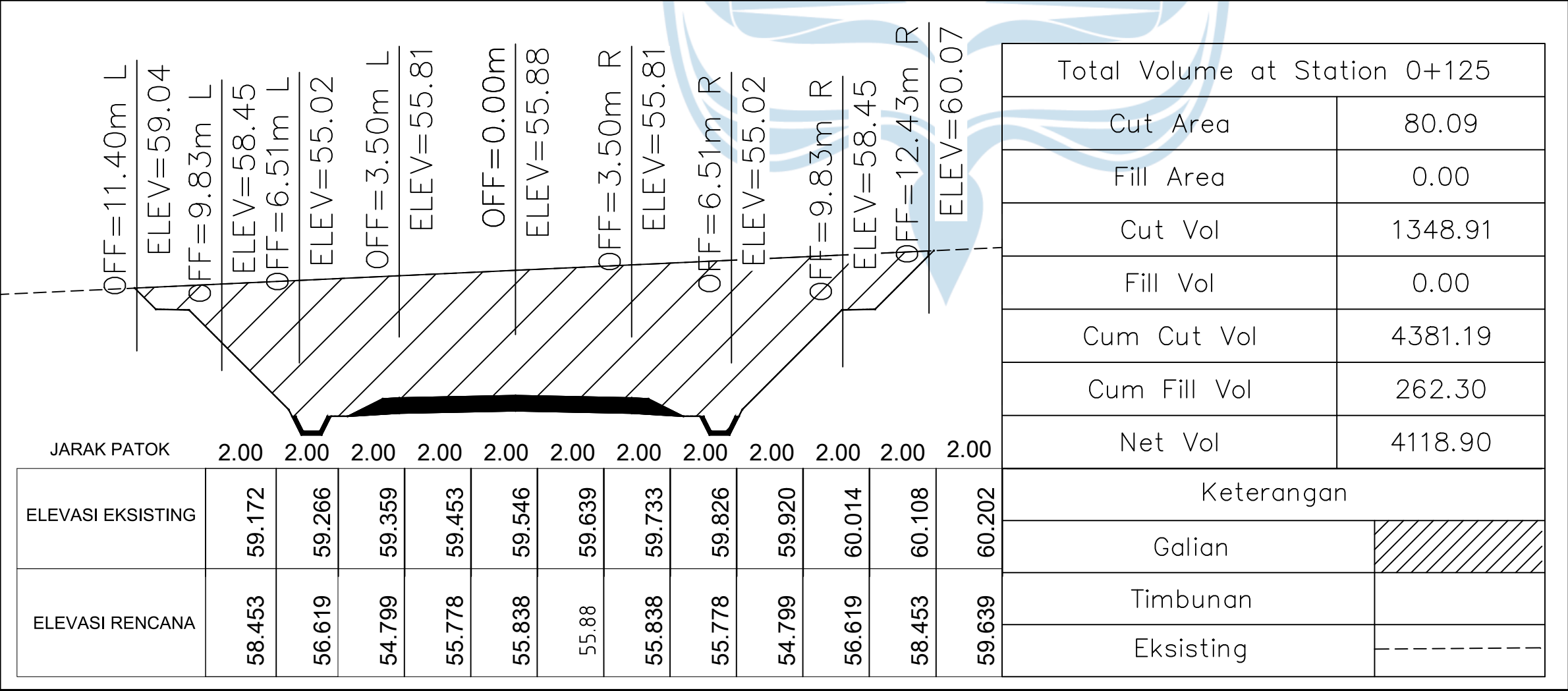
1 : 100

Skala





Total Volume at Station 0+100	
Cut Area	27.83
Fill Area	0.00
Cut Vol	479.10
Fill Vol	105.79
Cum Cut Vol	3032.28
Cum Fill Vol	262.30
Net Vol	2769.98
Keterangan	
Galian	
Timbunan	
Eksisting	



Total Volume at Station 0+125	
Cut Area	80.09
Fill Area	0.00
Cut Vol	1348.91
Fill Vol	0.00
Cum Cut Vol	4381.19
Cum Fill Vol	262.30
Net Vol	4118.90
Keterangan	
Galian	
Timbunan	
Eksisting	



Tugas Akhir Perancangan Infrastruktur Jalan
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KETERANGAN GAMBAR

Potongan Melintang STA 0+100 - 0+125

DIGAMBAR OLEH

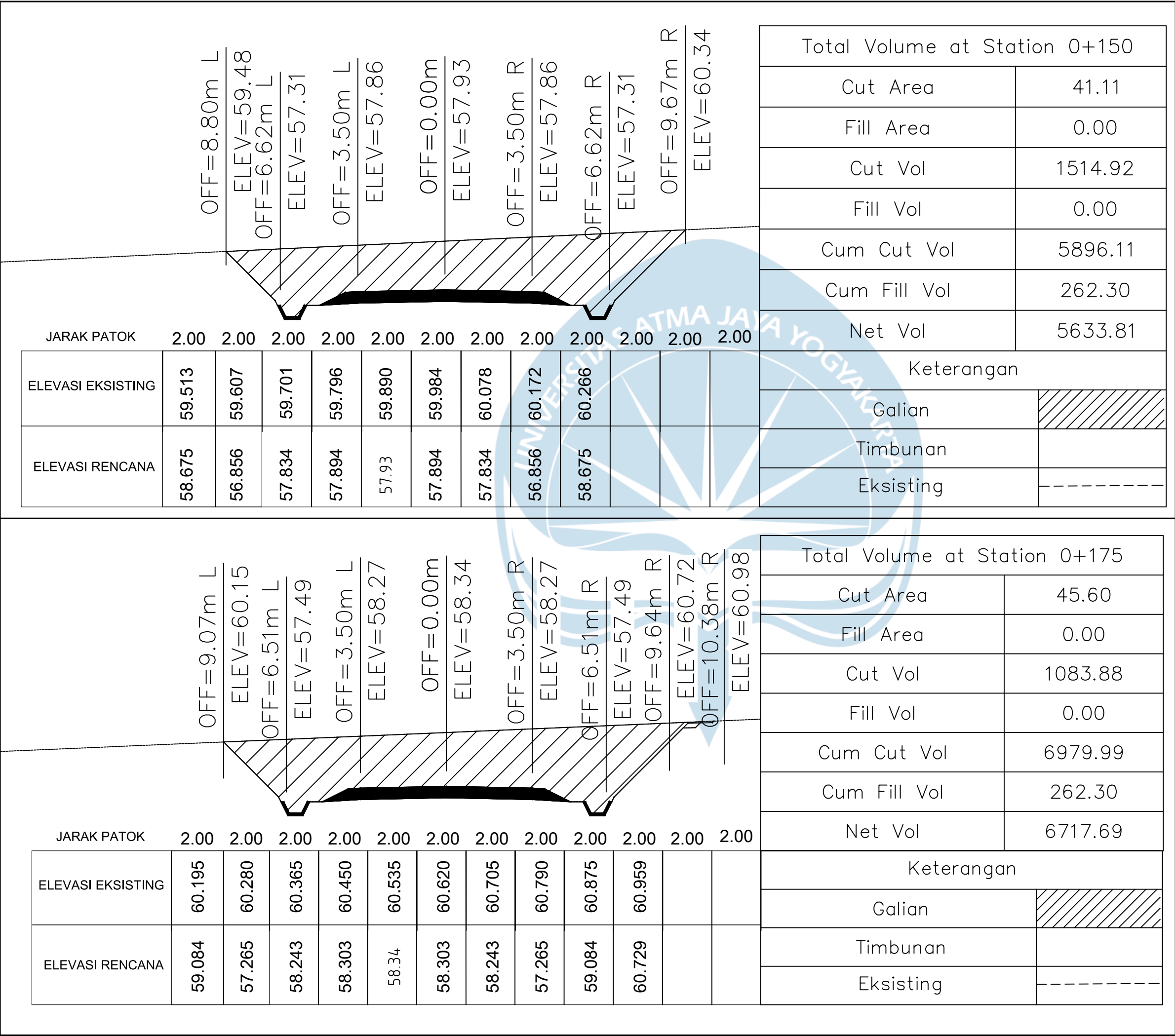
Nico Leonard Dwiputra/210218721
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JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 0+150 - 0+175

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721

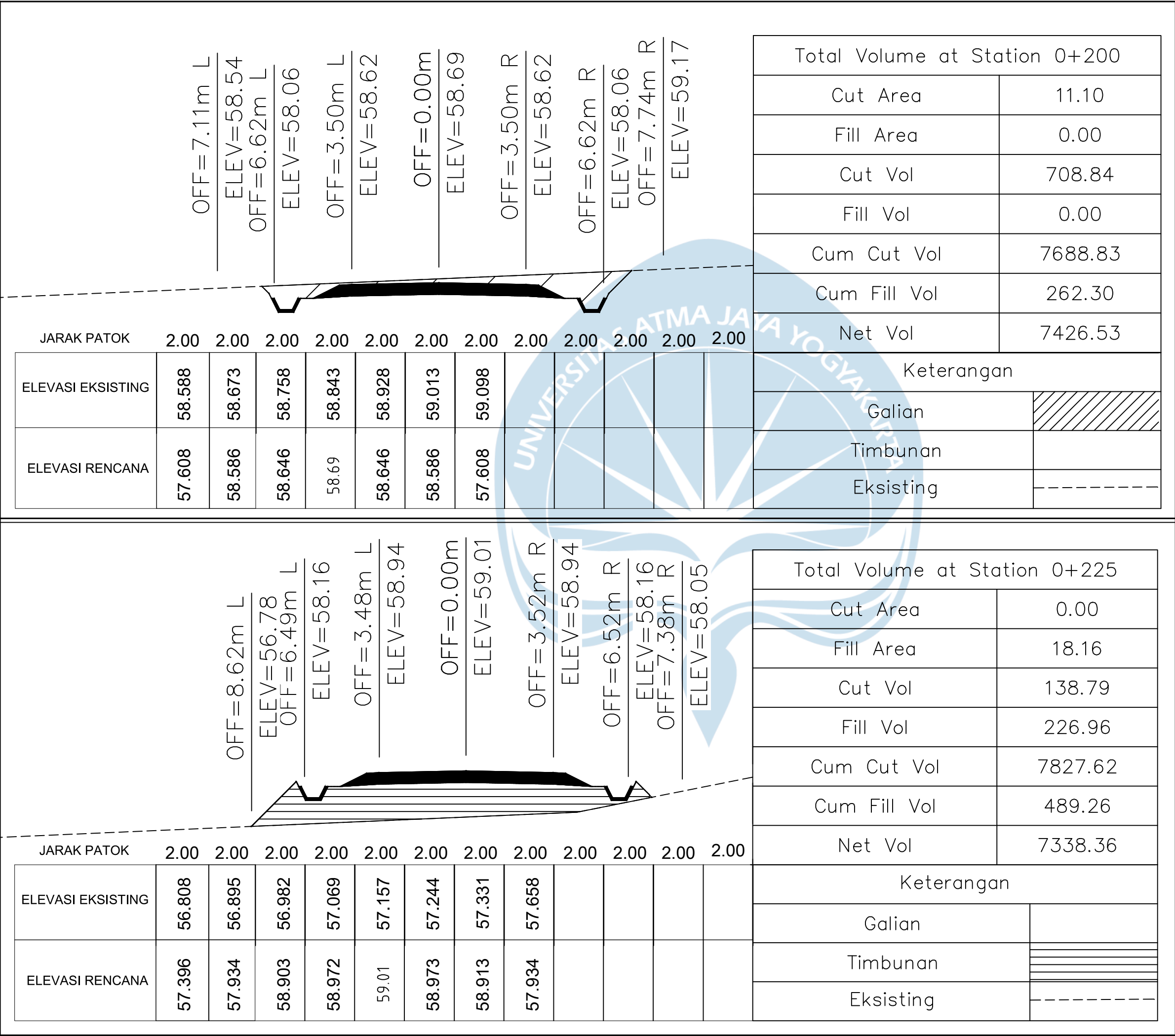
Stevanus Solossa/210218758

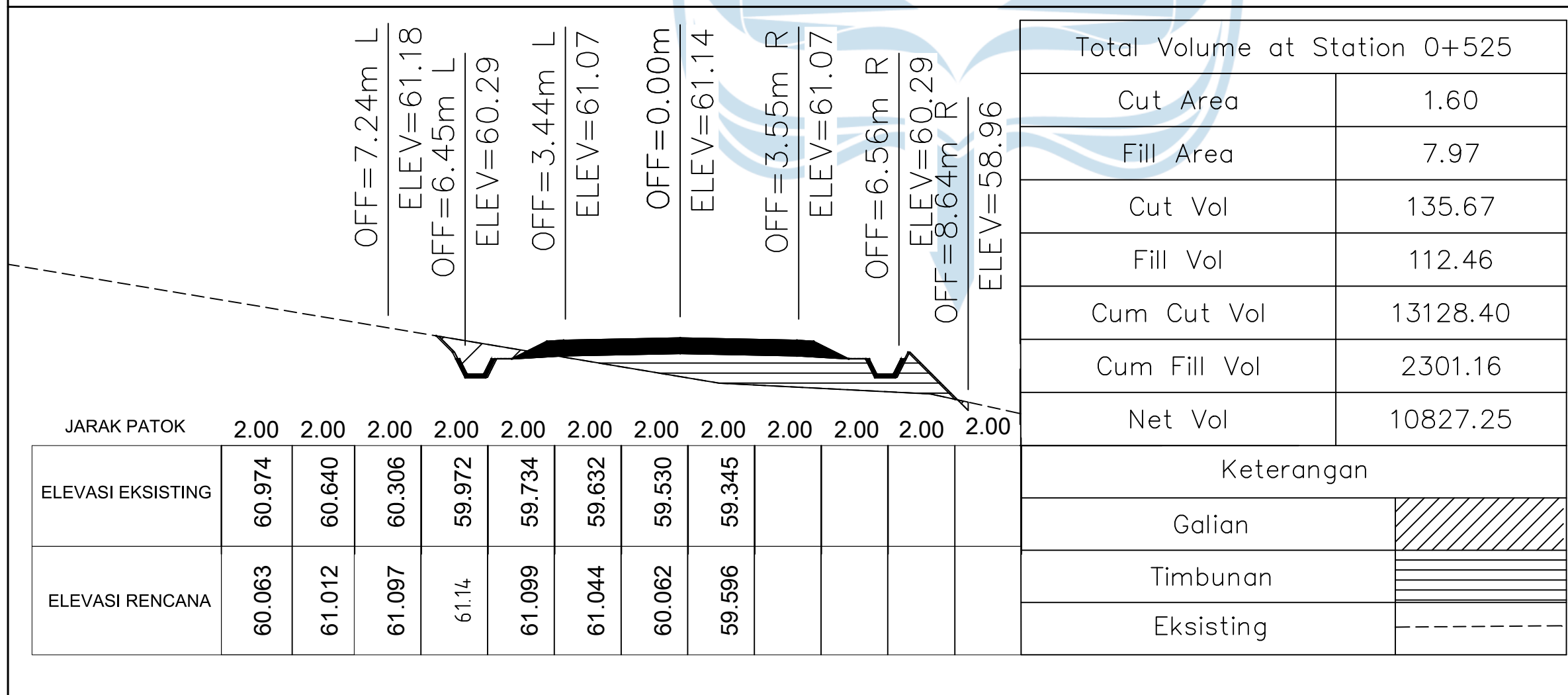
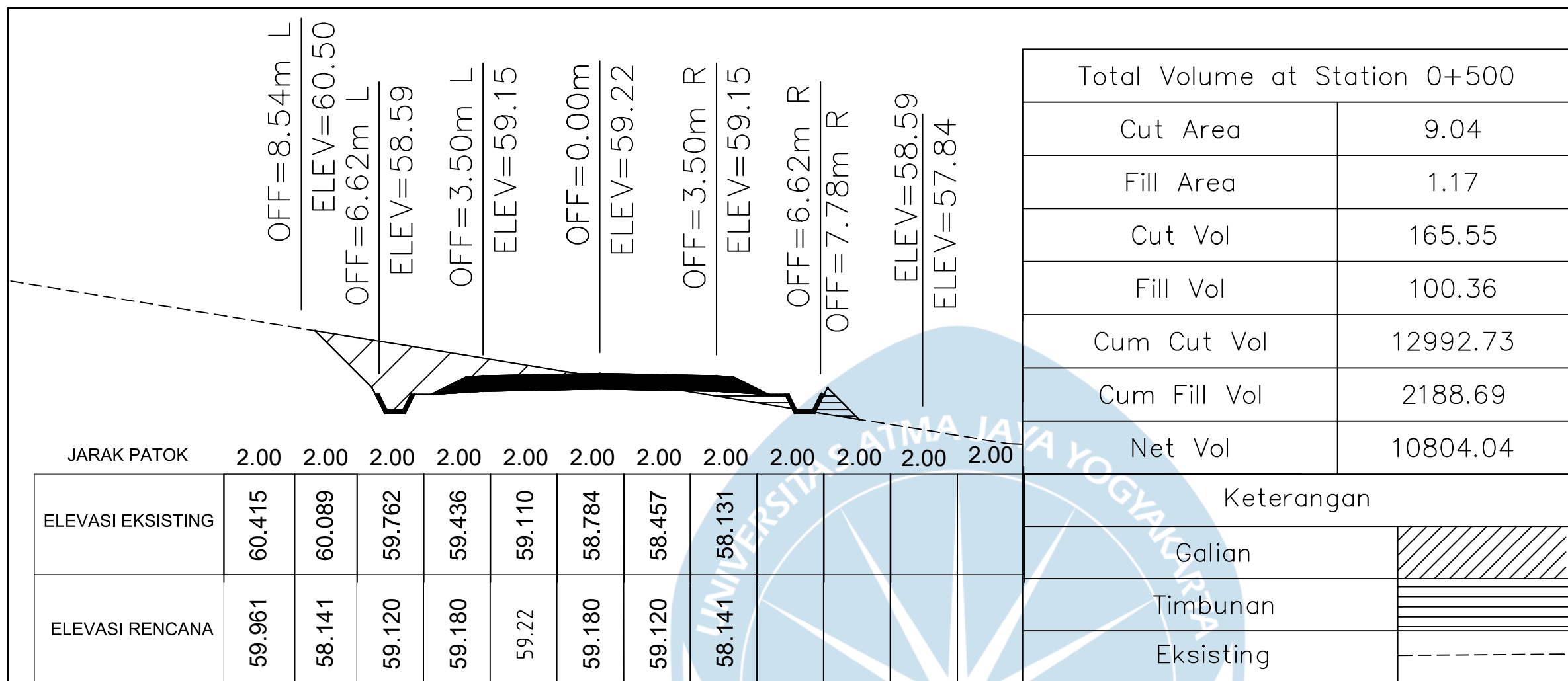
JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

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LOKASI

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KETERANGAN GAMBAR

Potongan Melintang STA 0+500 - 0+525

DIGAMBAR OLEH

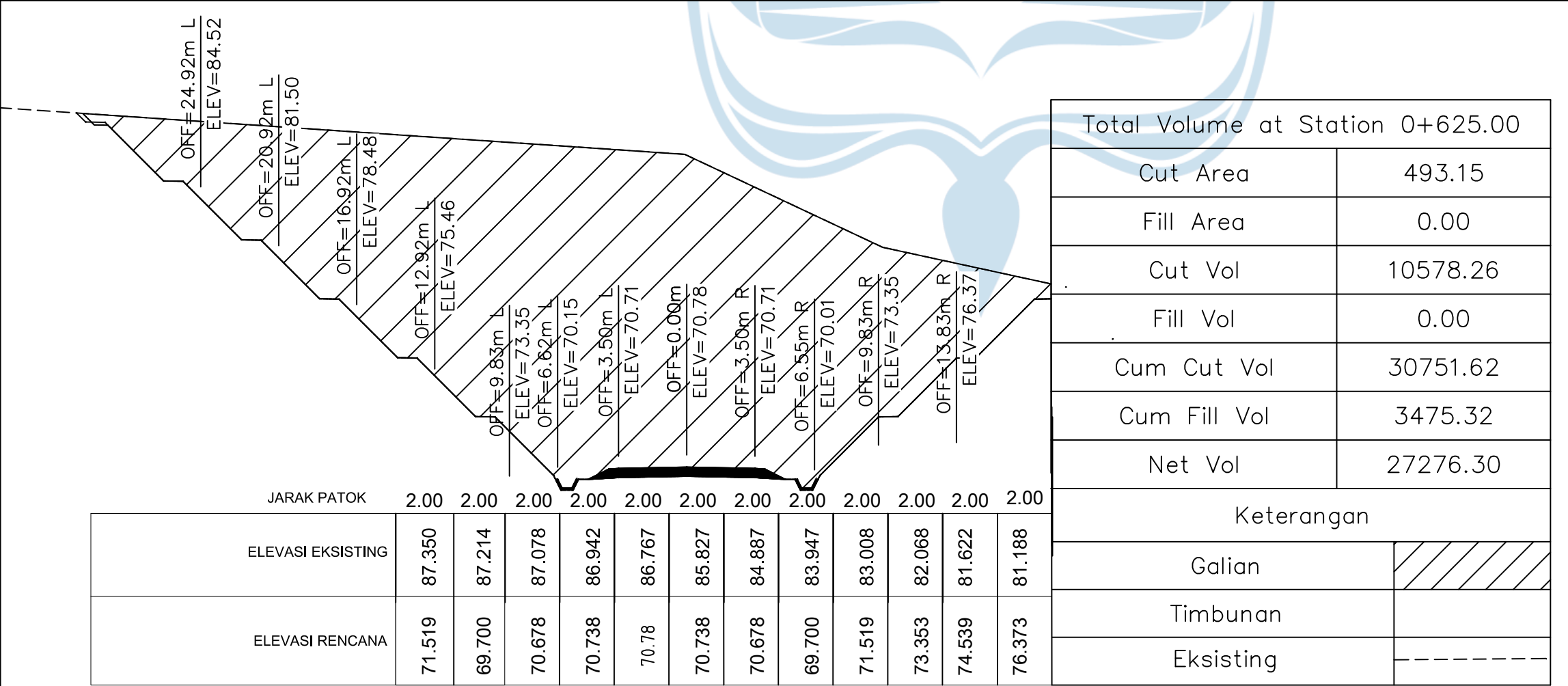
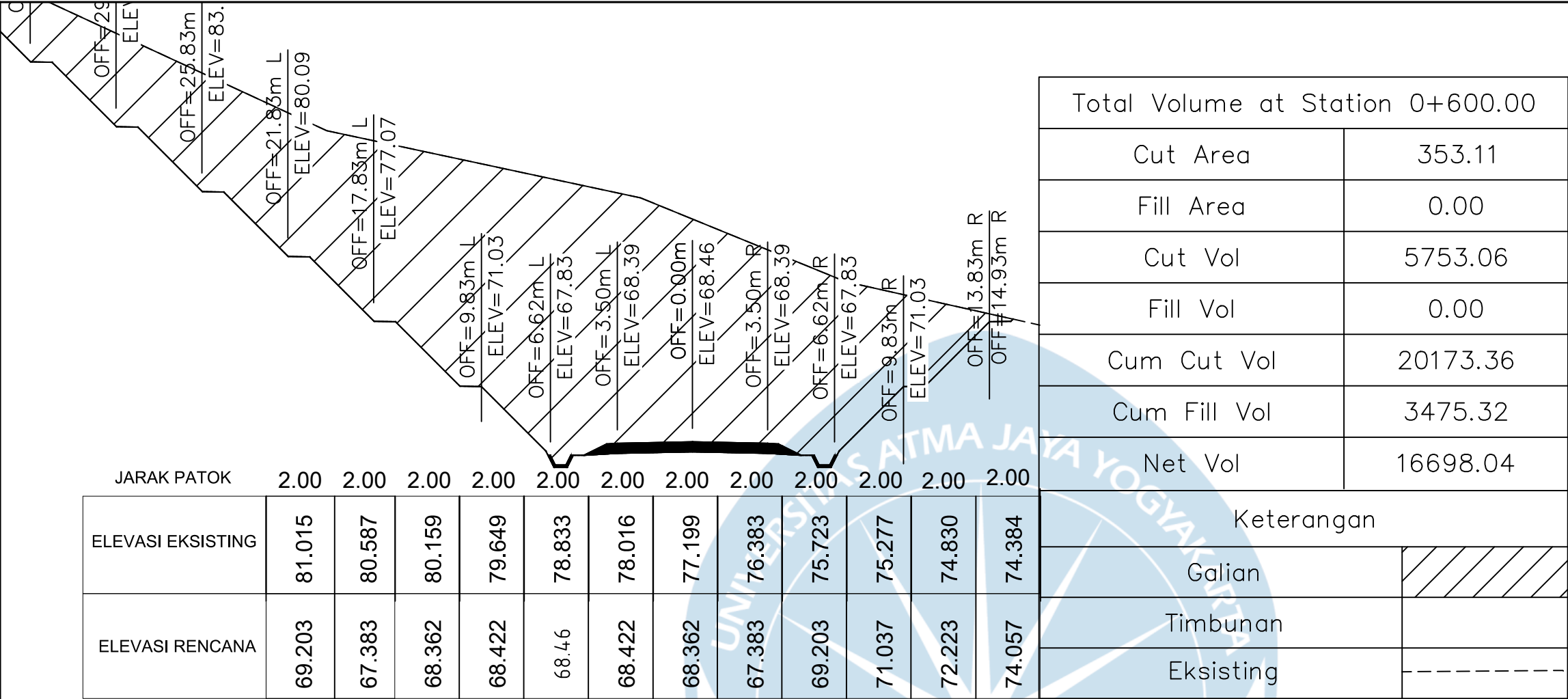
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 0+600 - 0+625

DIGAMBAR OLEH

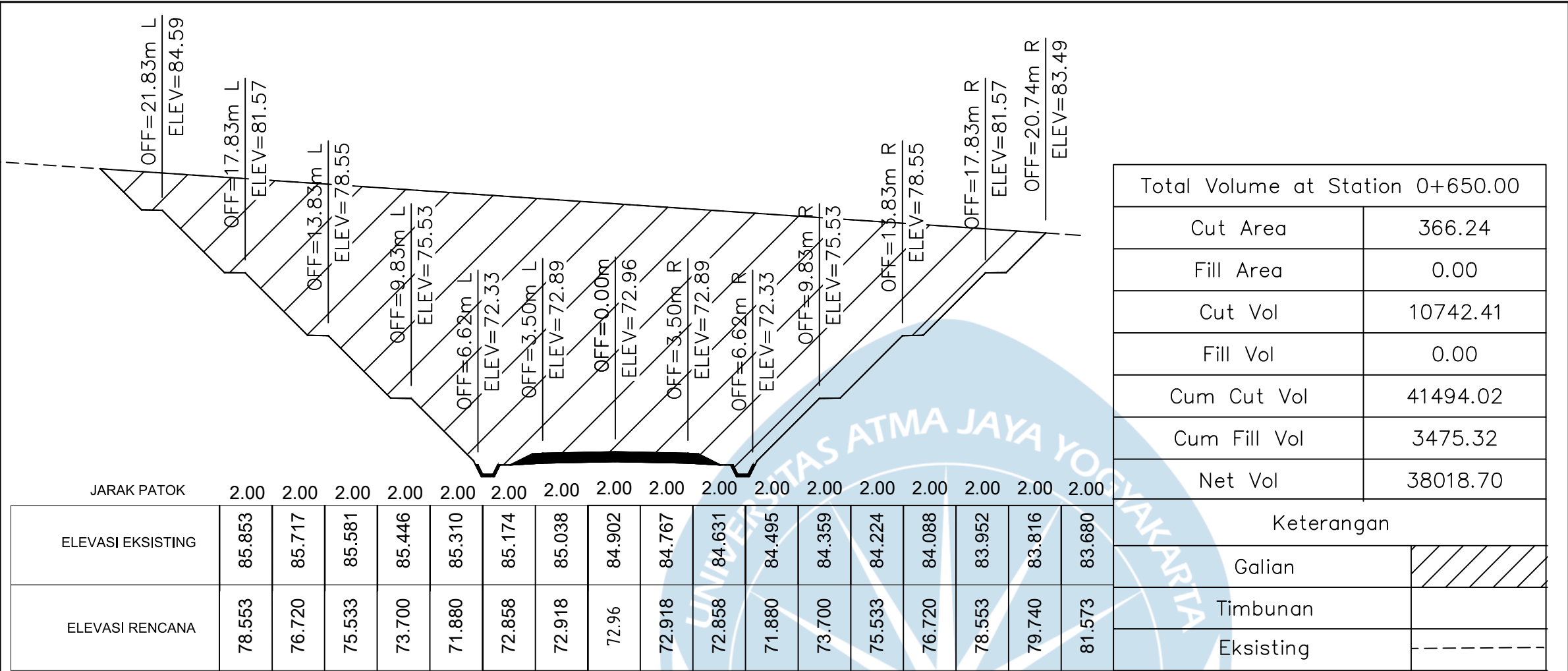
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

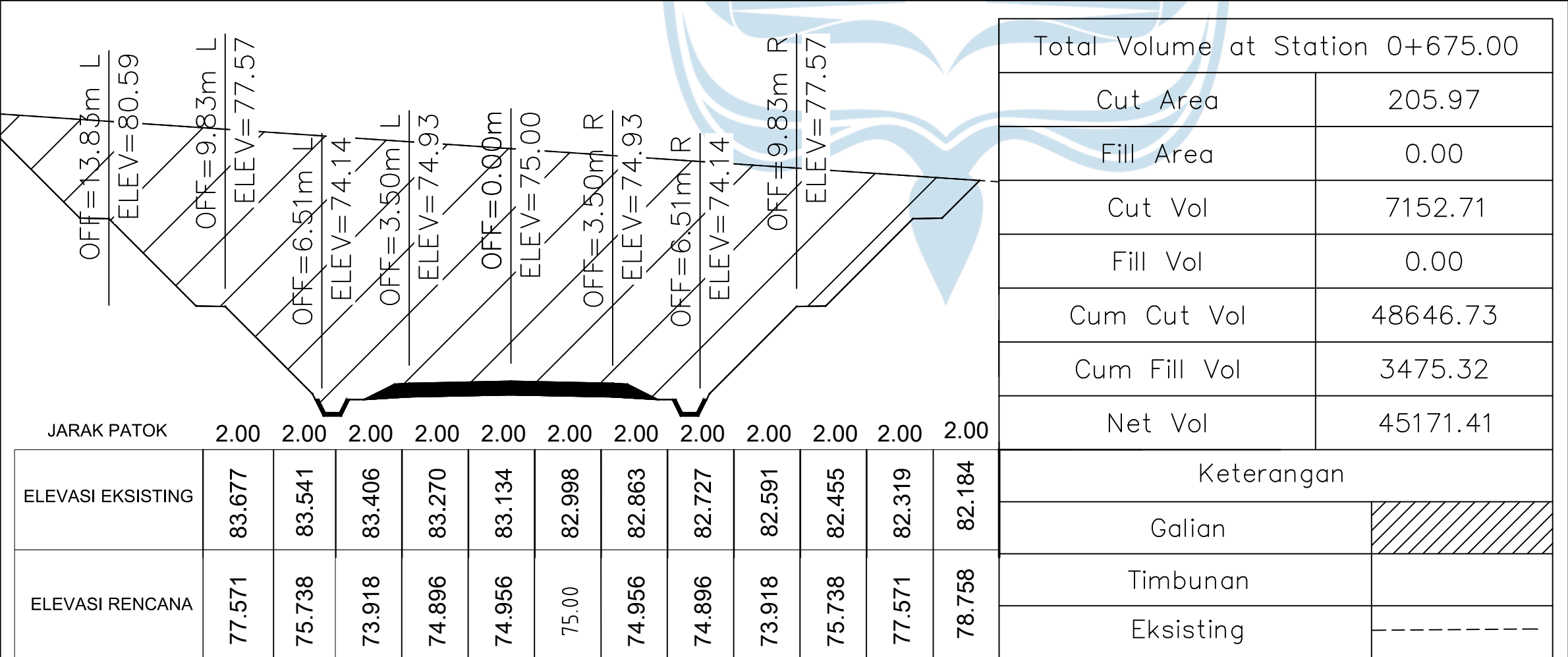
Potongan Melintang

1 : 150

Skala



Total Volume at Station 0+650.00	
Cut Area	366.24
Fill Area	0.00
Cut Vol	10742.41
Fill Vol	0.00
Cum Cut Vol	41494.02
Cum Fill Vol	3475.32
Net Vol	38018.70
Keterangan	
Galian	
Timbunan	
Eksisting	



Total Volume at Station 0+675.00	
Cut Area	205.97
Fill Area	0.00
Cut Vol	7152.71
Fill Vol	0.00
Cum Cut Vol	48646.73
Cum Fill Vol	3475.32
Net Vol	45171.41
Keterangan	
Galian	
Timbunan	
Eksisting	



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 0+650 - 0+675

DIGAMBAR OLEH

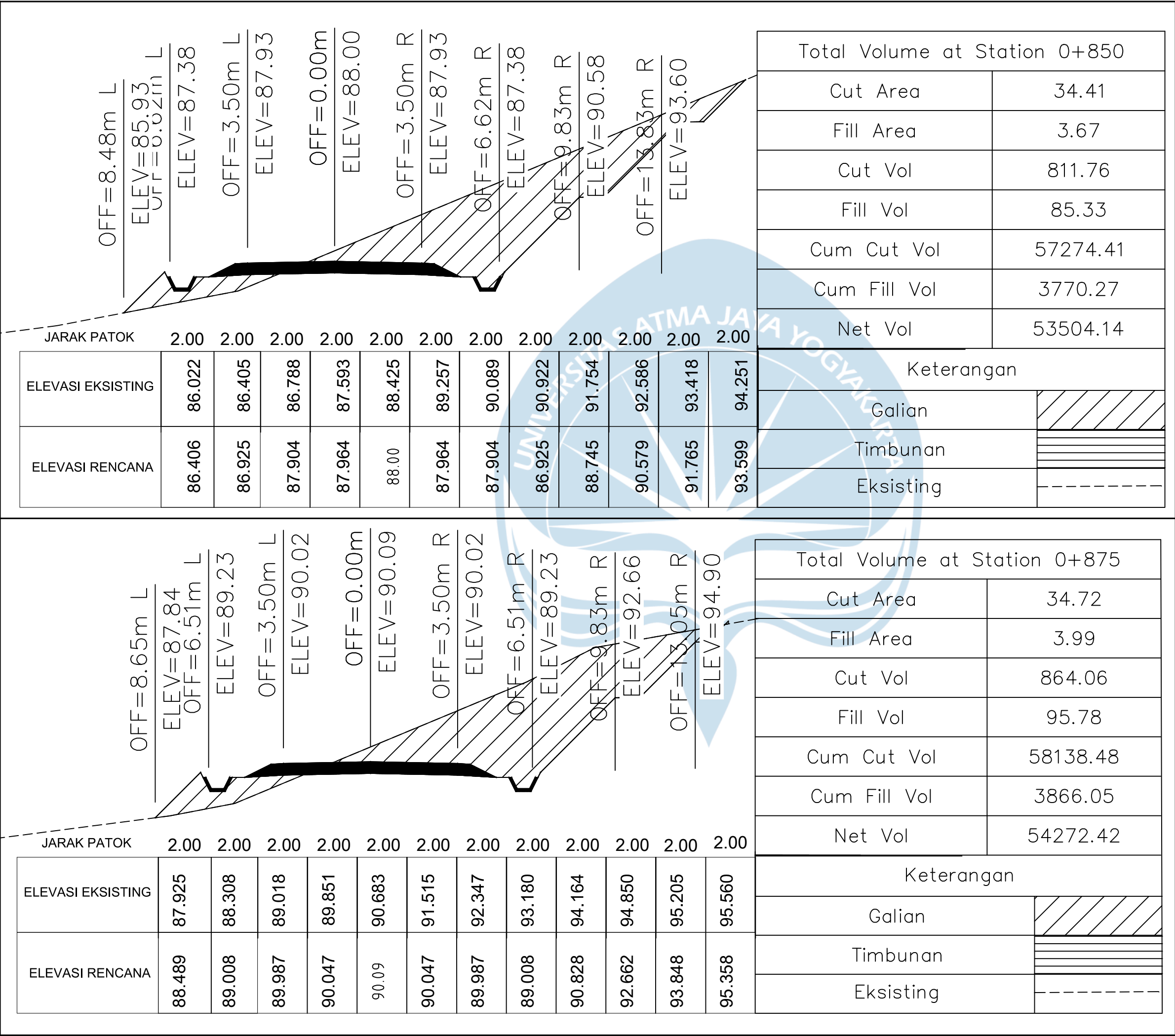
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

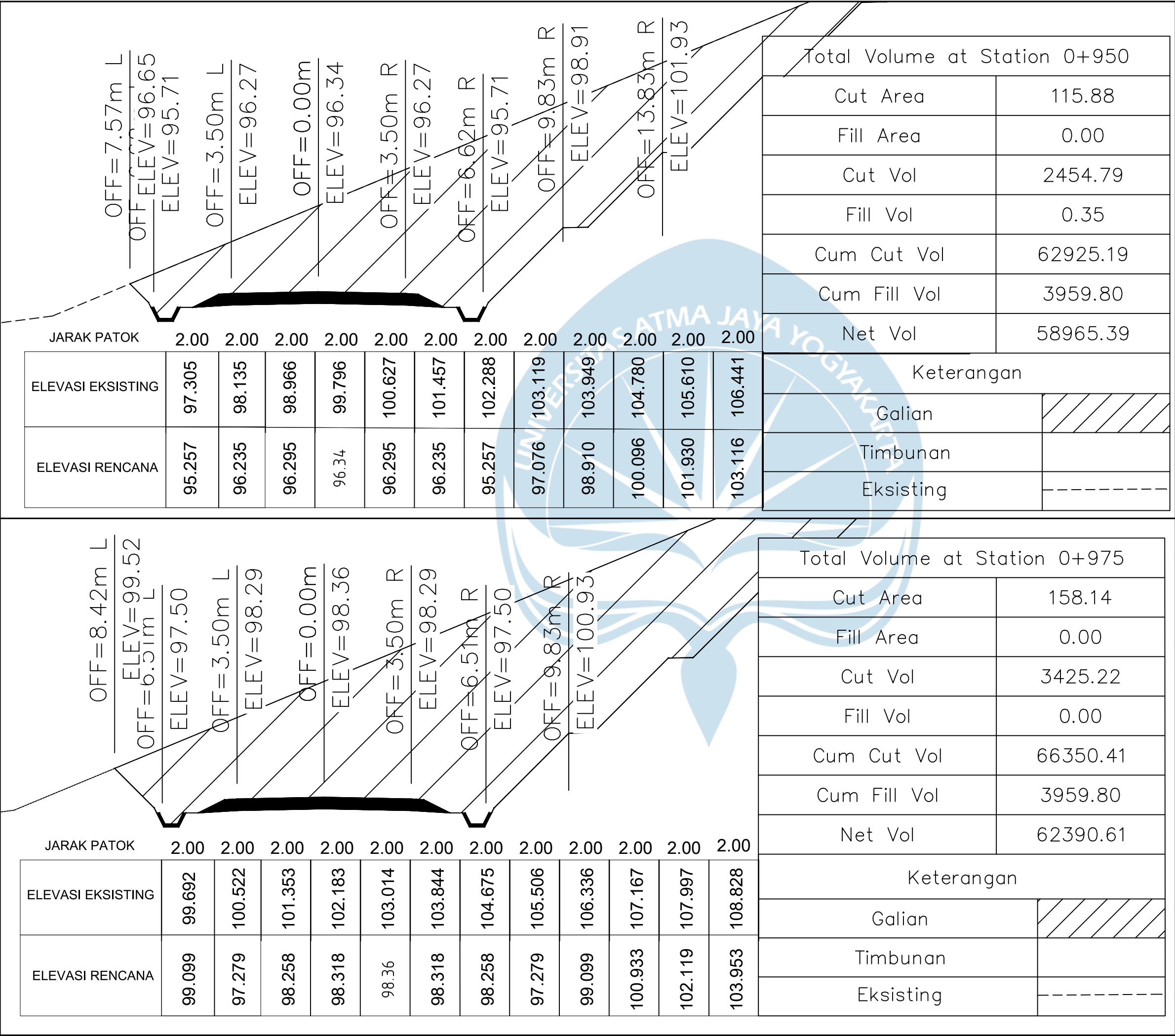
JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala







Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 0+800 - 0+825

DIGAMBAR OLEH

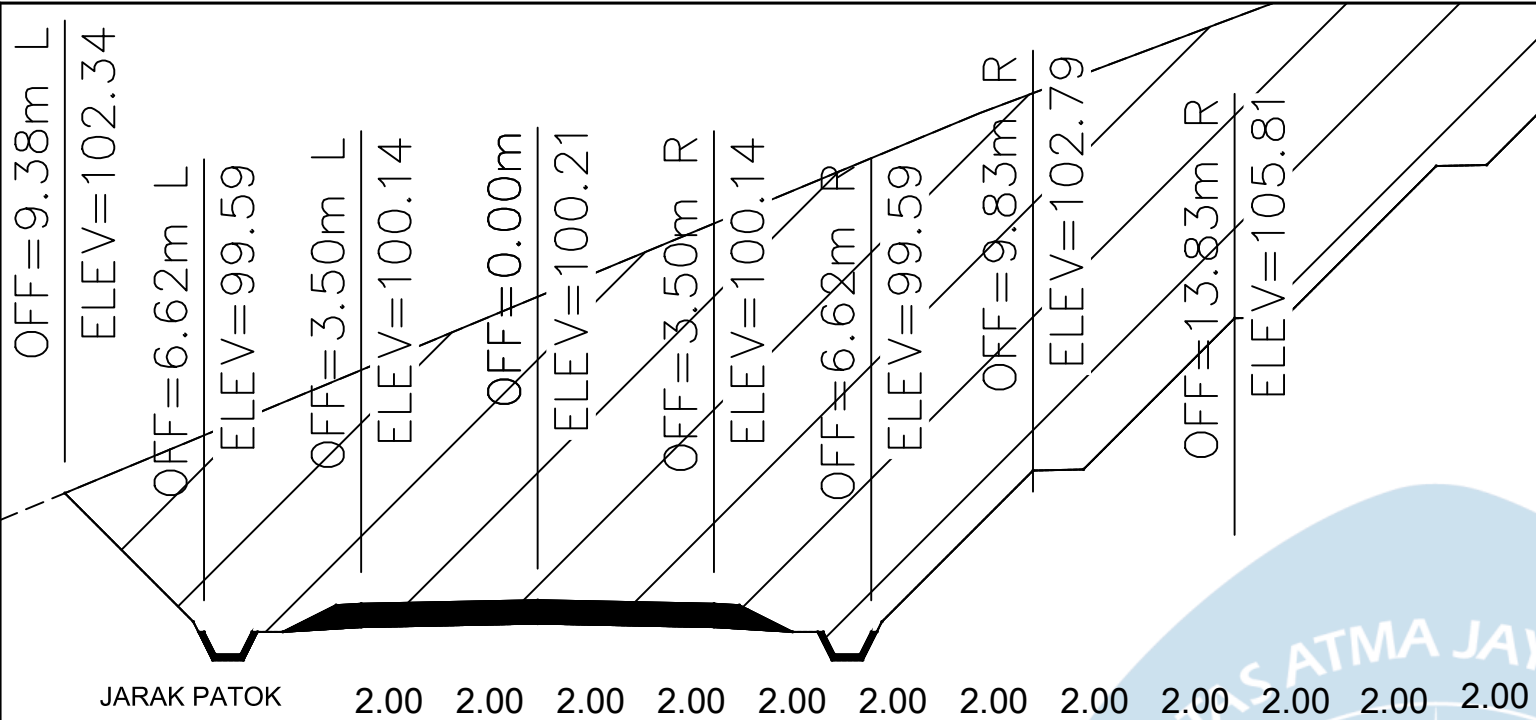
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

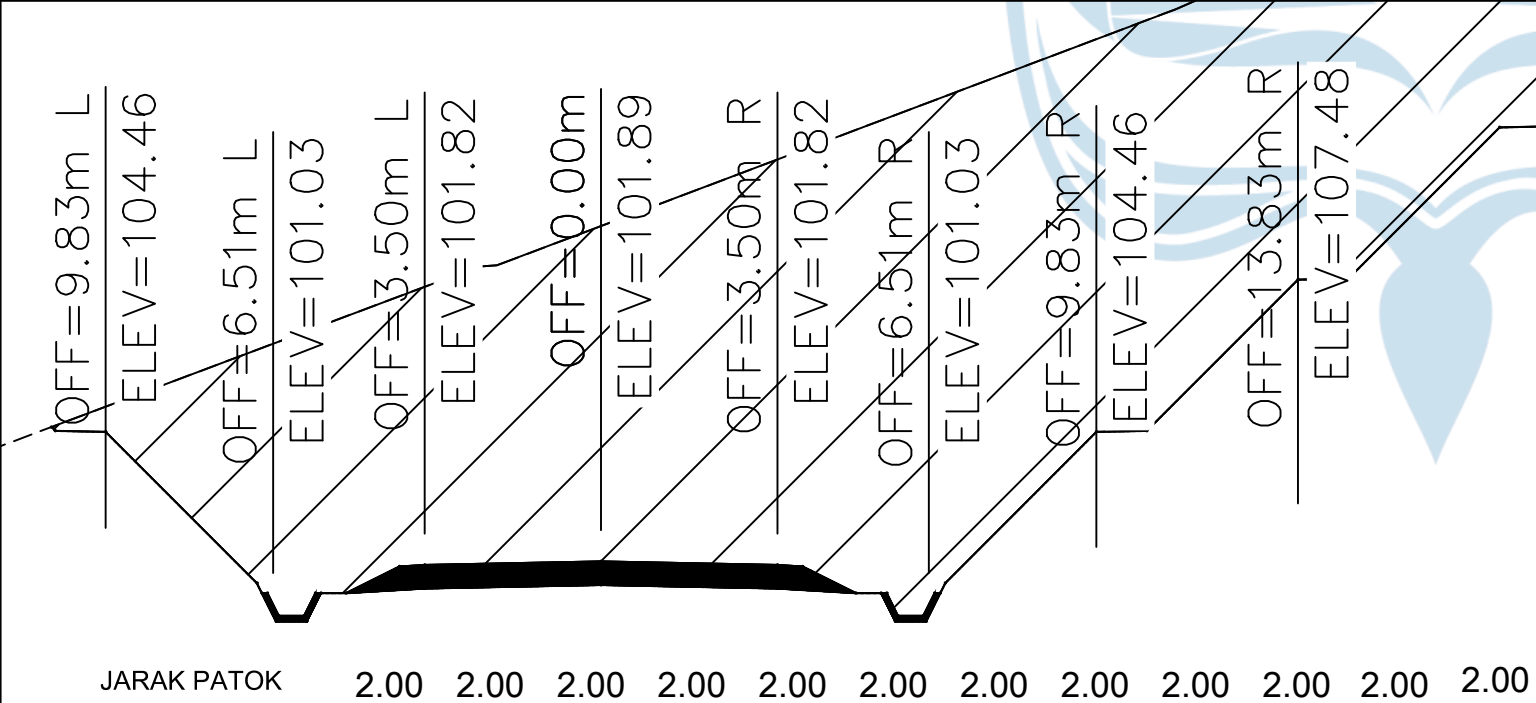
Skala



JARAK PATOK	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELEVASI EKSISTING	102.909	103.740	104.570	105.401	106.231	107.062	107.893	108.723	109.554	110.335	111.086	111.836	
ELEVASI RENCANA	100.955	99.135	100.114	100.174	100.21	100.174	100.114	99.135	100.955	102.789	103.975	105.809	

Total Volume at Station 1+000	
Cut Area	204.07
Fill Area	0.00
Cut Vol	4527.59
Fill Vol	0.00
Cum Cut Vol	70877.99
Cum Fill Vol	3959.80
Net Vol	66918.20

Keterangan	
Galian	
Timbunan	
Eksisting	



JARAK PATOK	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELEVASI EKSISTING	104.895	105.646	106.398	107.149	107.787	108.541	109.296	110.050	110.805	111.559	112.313	113.103	
ELEVASI RENCANA	104.461	102.627	100.807	101.786	101.846	101.89	101.846	101.786	100.807	102.627	104.461	105.647	

Total Volume at Station 1+025	
Cut Area	224.89
Fill Area	0.04
Cut Vol	5362.07
Fill Vol	0.50
Cum Cut Vol	76240.06
Cum Fill Vol	3960.30
Net Vol	72279.76

Keterangan	
Galian	
Timbunan	
Eksisting	



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 1+000 - 1+025

DIGAMBAR OLEH

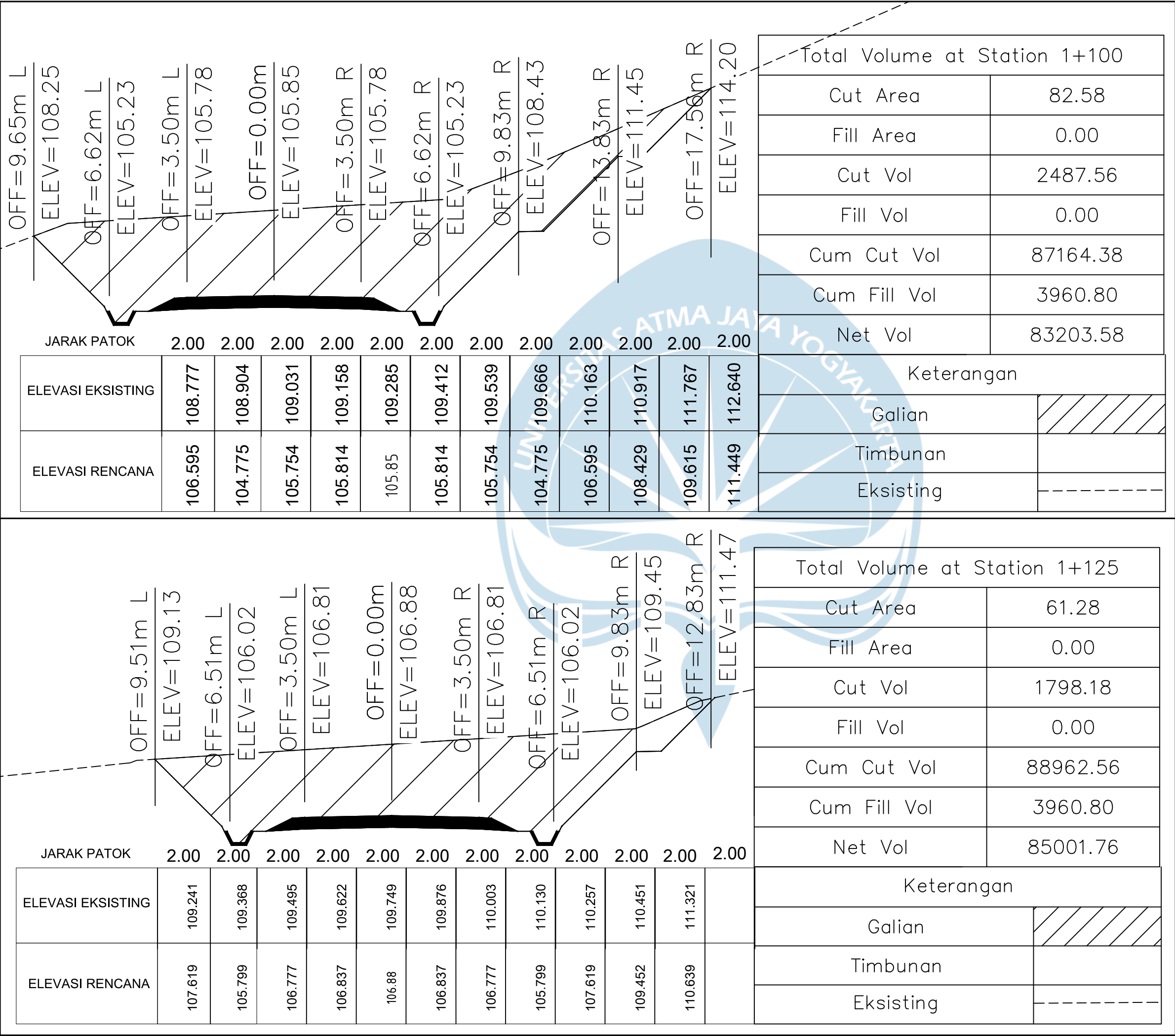
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 1+100 - 1+125

DIGAMBAR OLEH

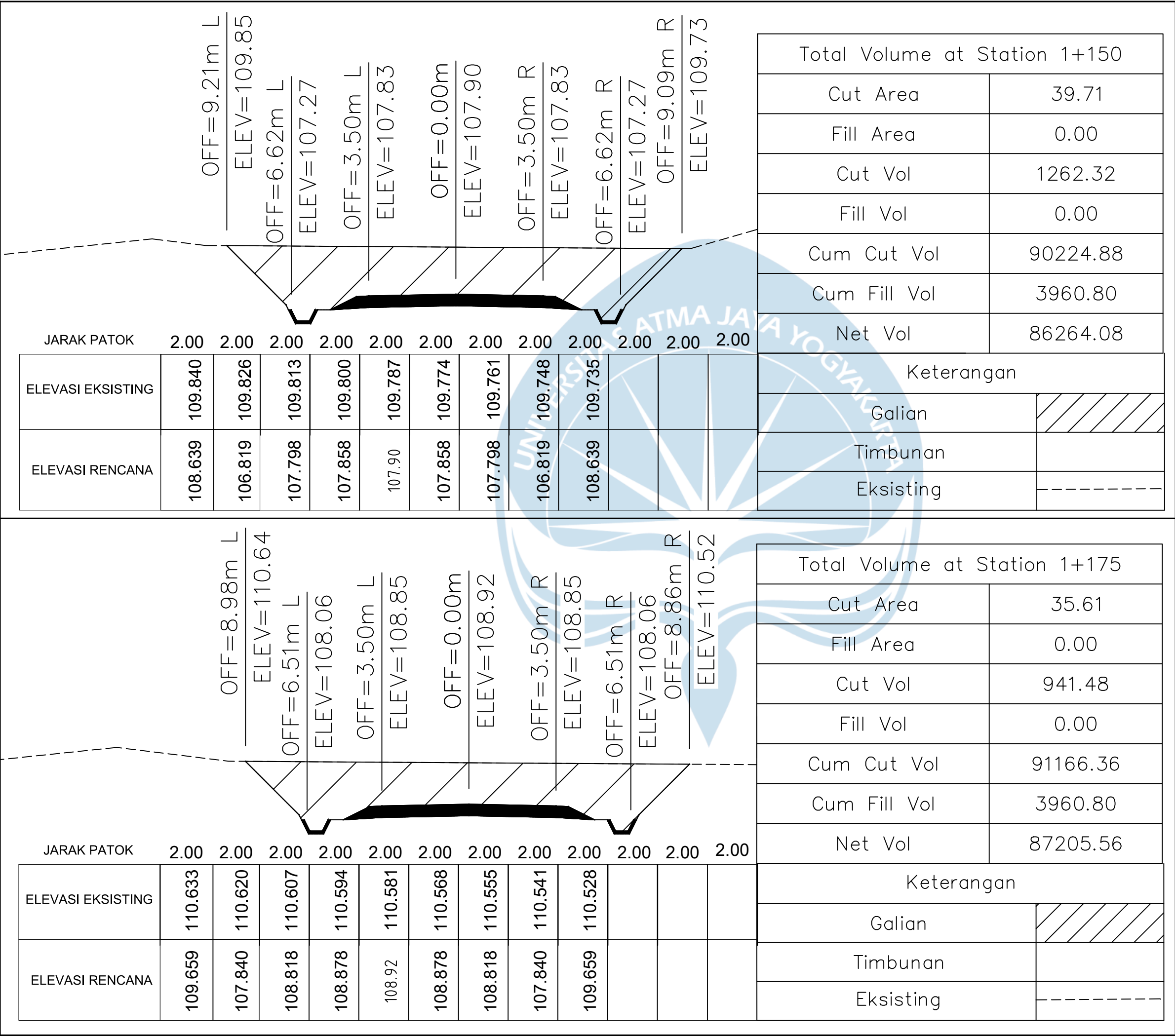
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 1+150 - 1+175

DIGAMBAR OLEH

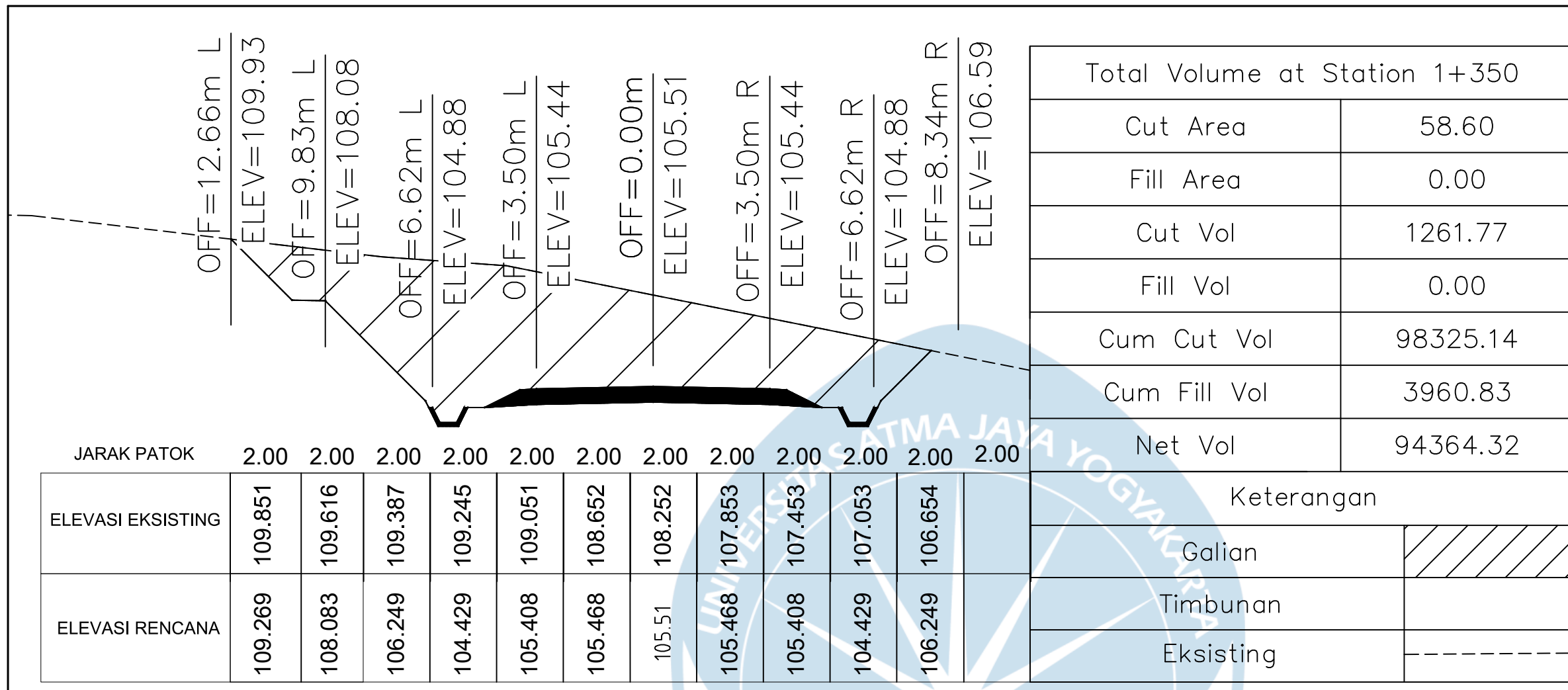
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

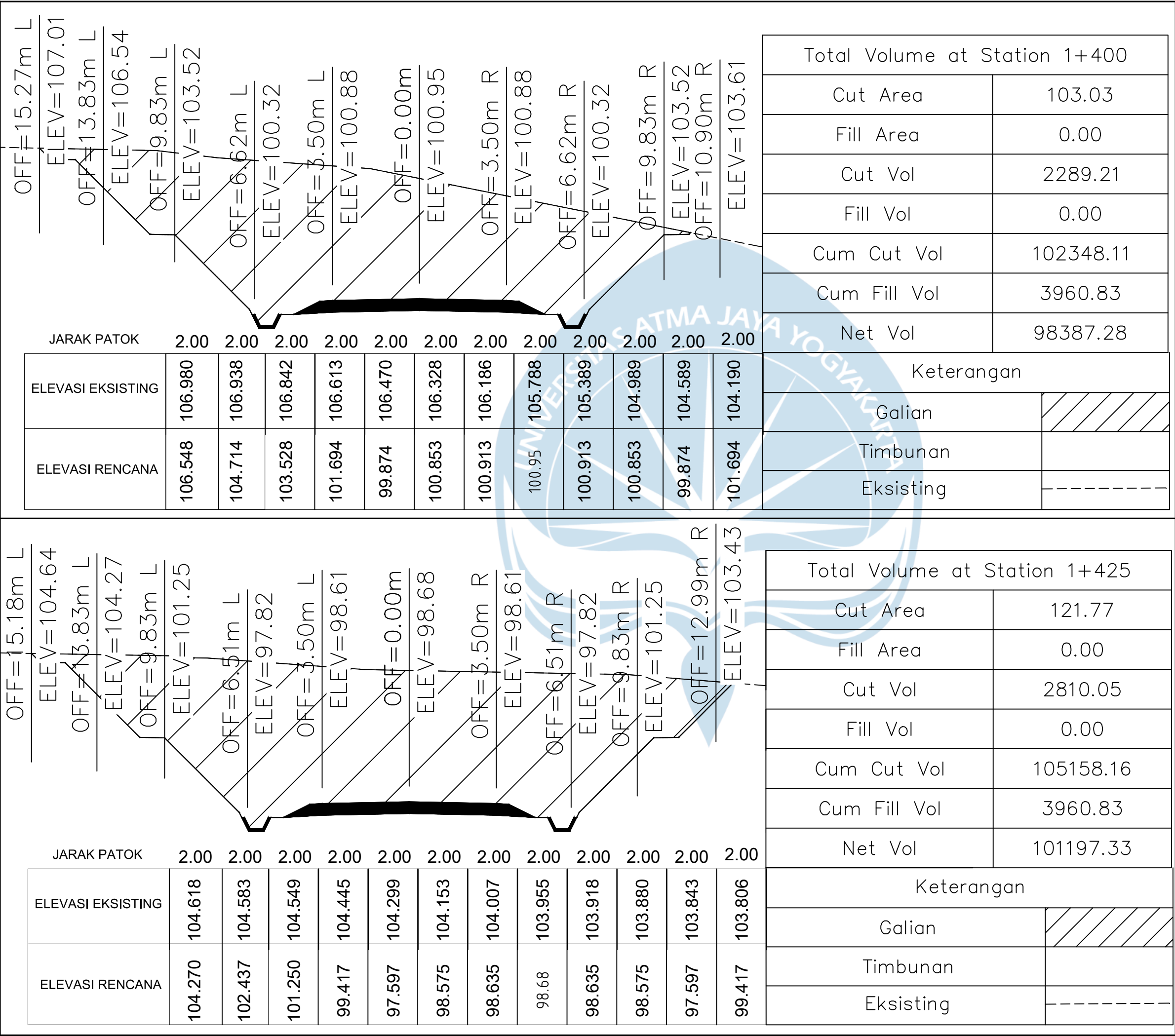
JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala







Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 1+400 - 1+425

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721

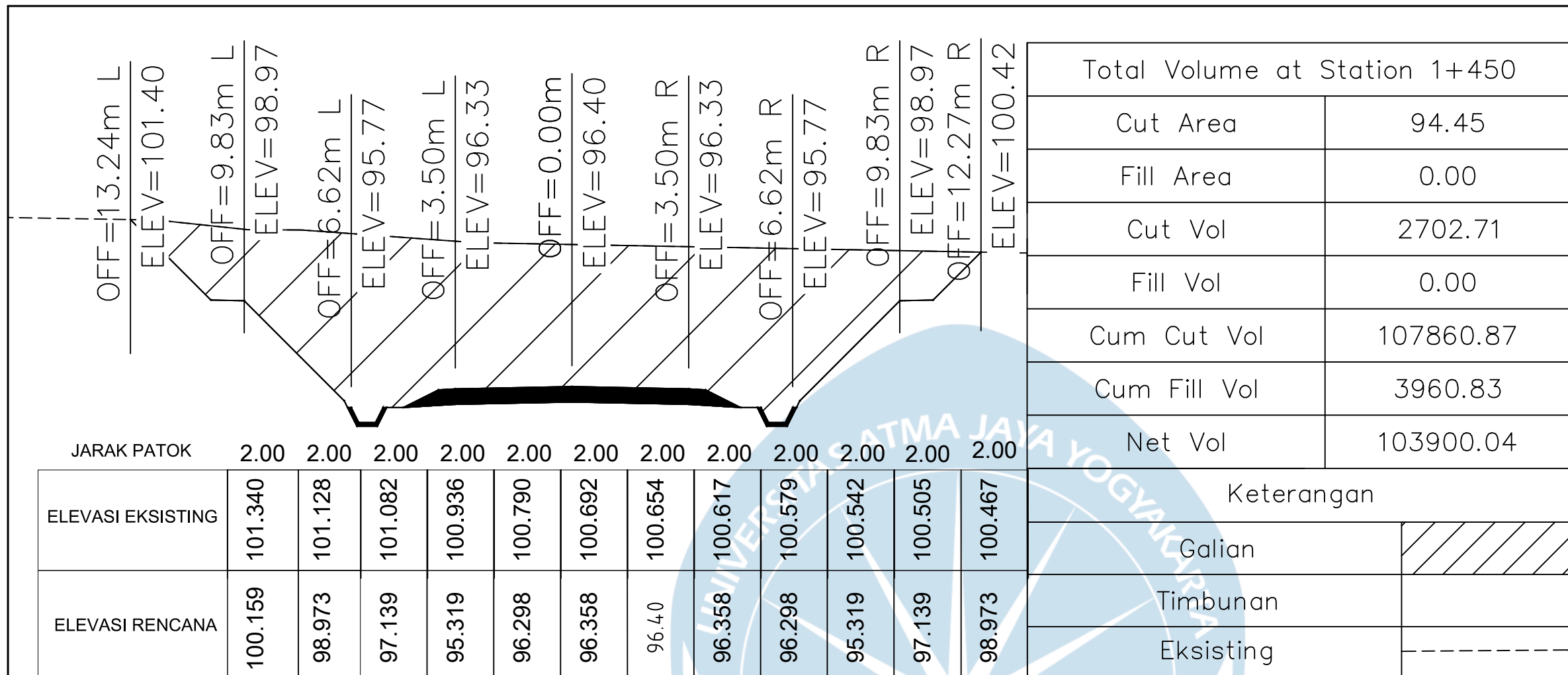
Stevanus Solossa/210218758

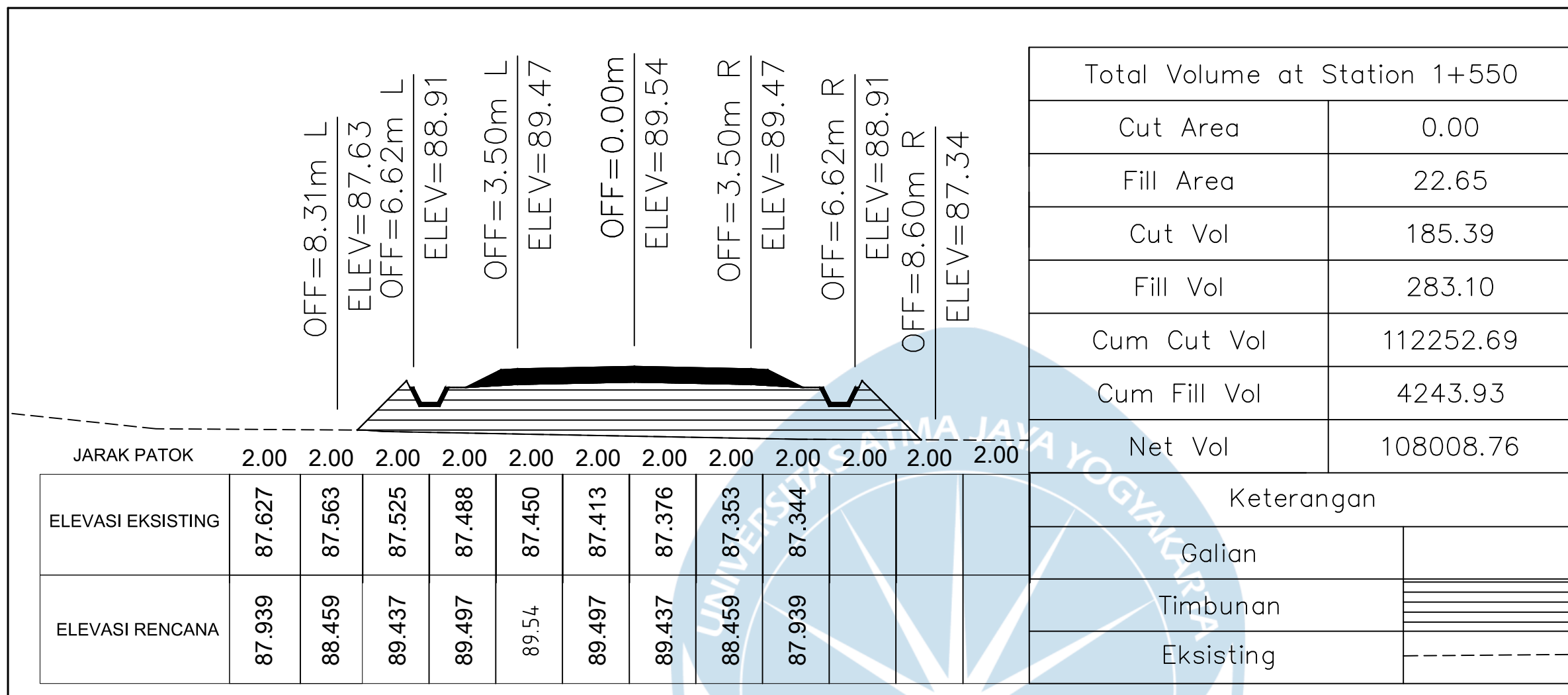
JUDUL GAMBAR

Potongan Melintang

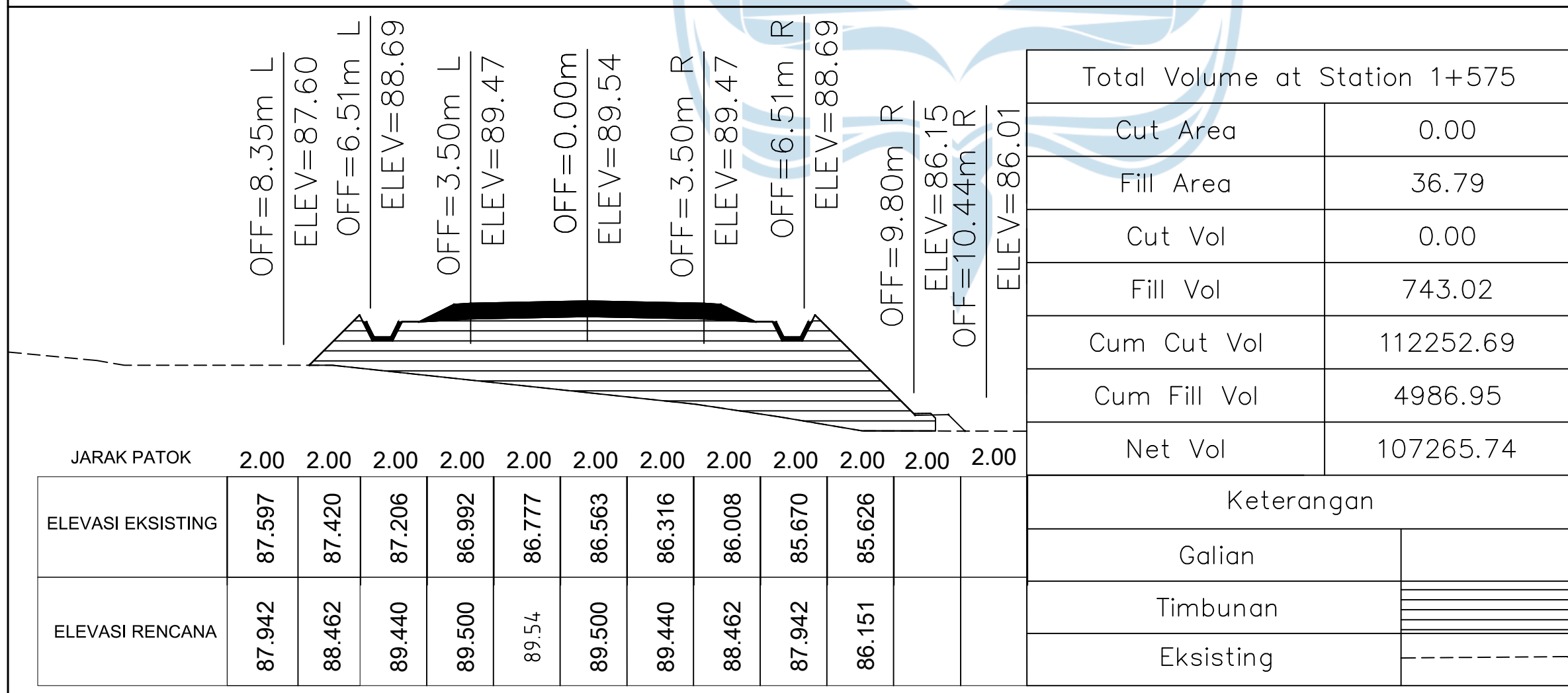
1 : 150

Skala





Total Volume at Station 1+550	
Cut Area	0.00
Fill Area	22.65
Cut Vol	185.39
Fill Vol	283.10
Cum Cut Vol	112252.69
Cum Fill Vol	4243.93
Net Vol	108008.76
Keterangan	
Galian	
Timbunan	
Eksisting	



Total Volume at Station 1+575	
Cut Area	0.00
Fill Area	36.79
Cut Vol	0.00
Fill Vol	743.02
Cum Cut Vol	112252.69
Cum Fill Vol	4986.95
Net Vol	107265.74
Keterangan	
Galian	
Timbunan	
Eksisting	



DOSEN PENGAMPU

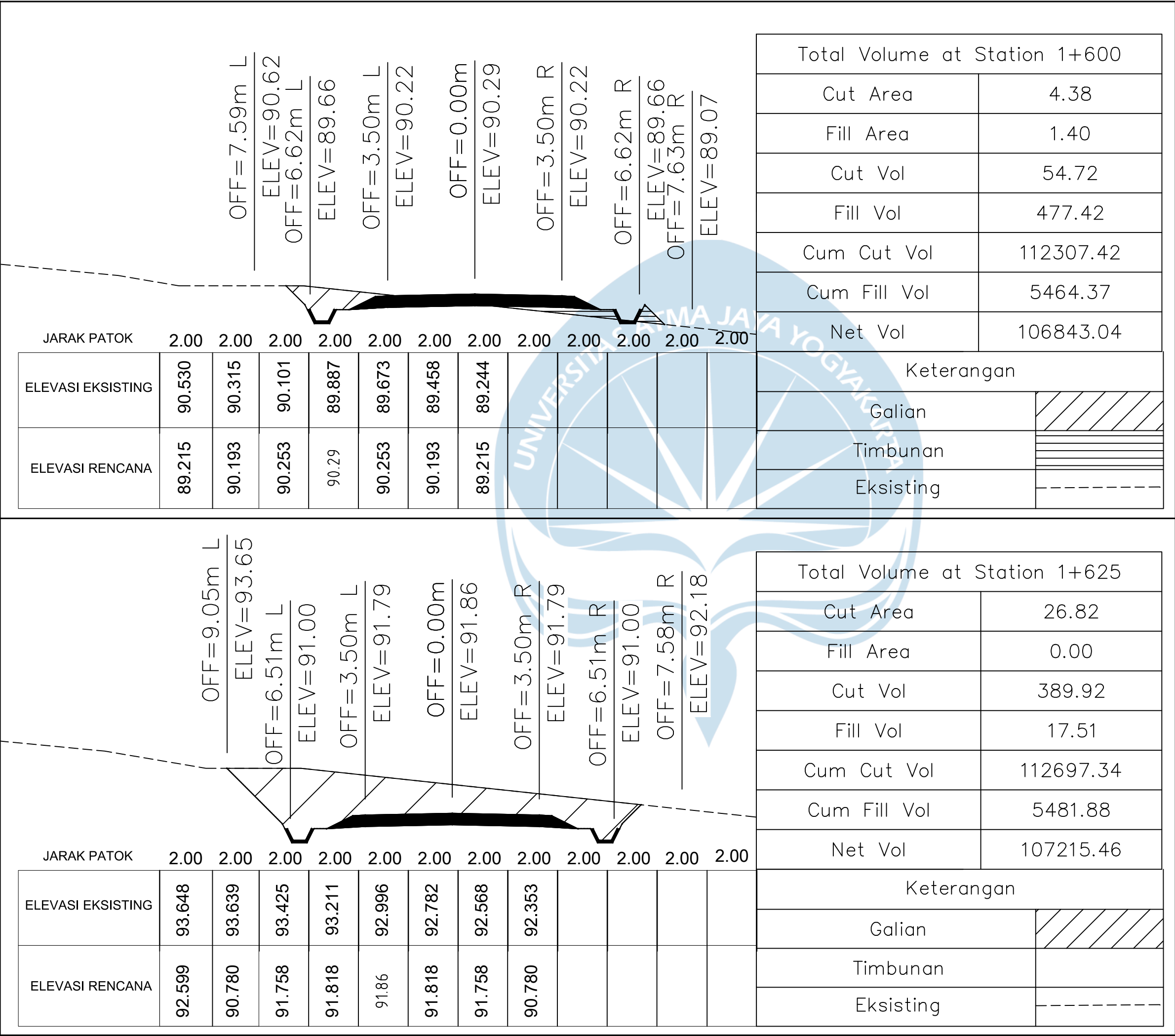
LOKASI

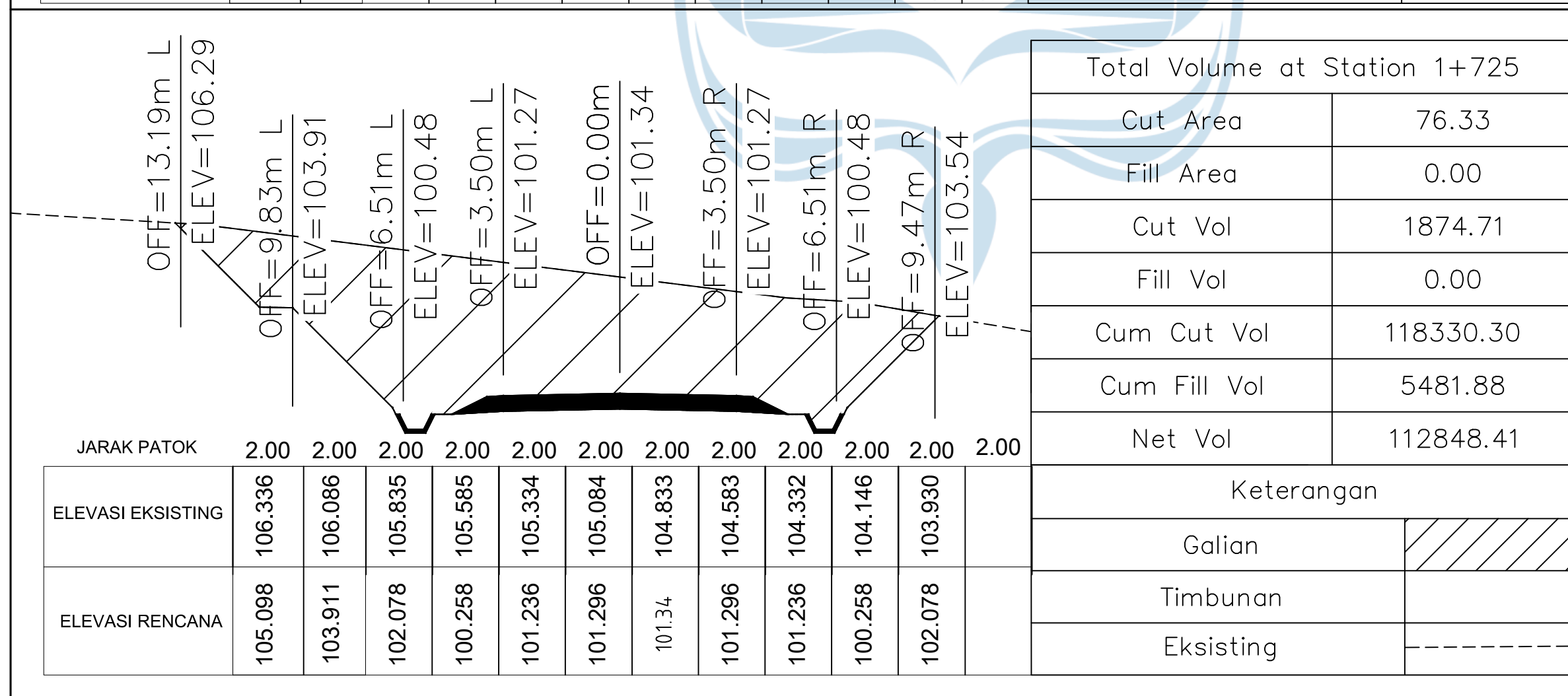
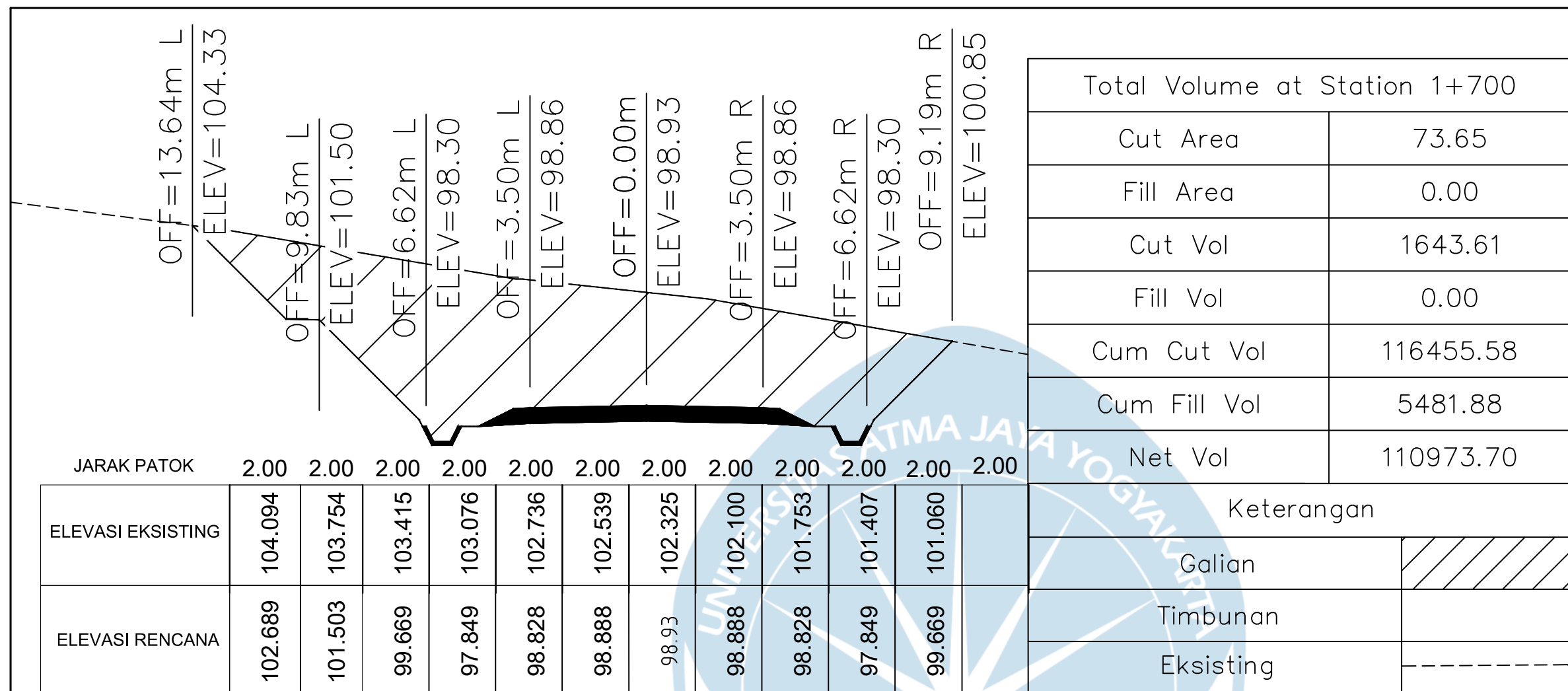
KETERANGAN GAMBAR

DIGAMBAR OLEH

JUDUL GAMBAR

1 : 150





DOSEN PENGAMPU

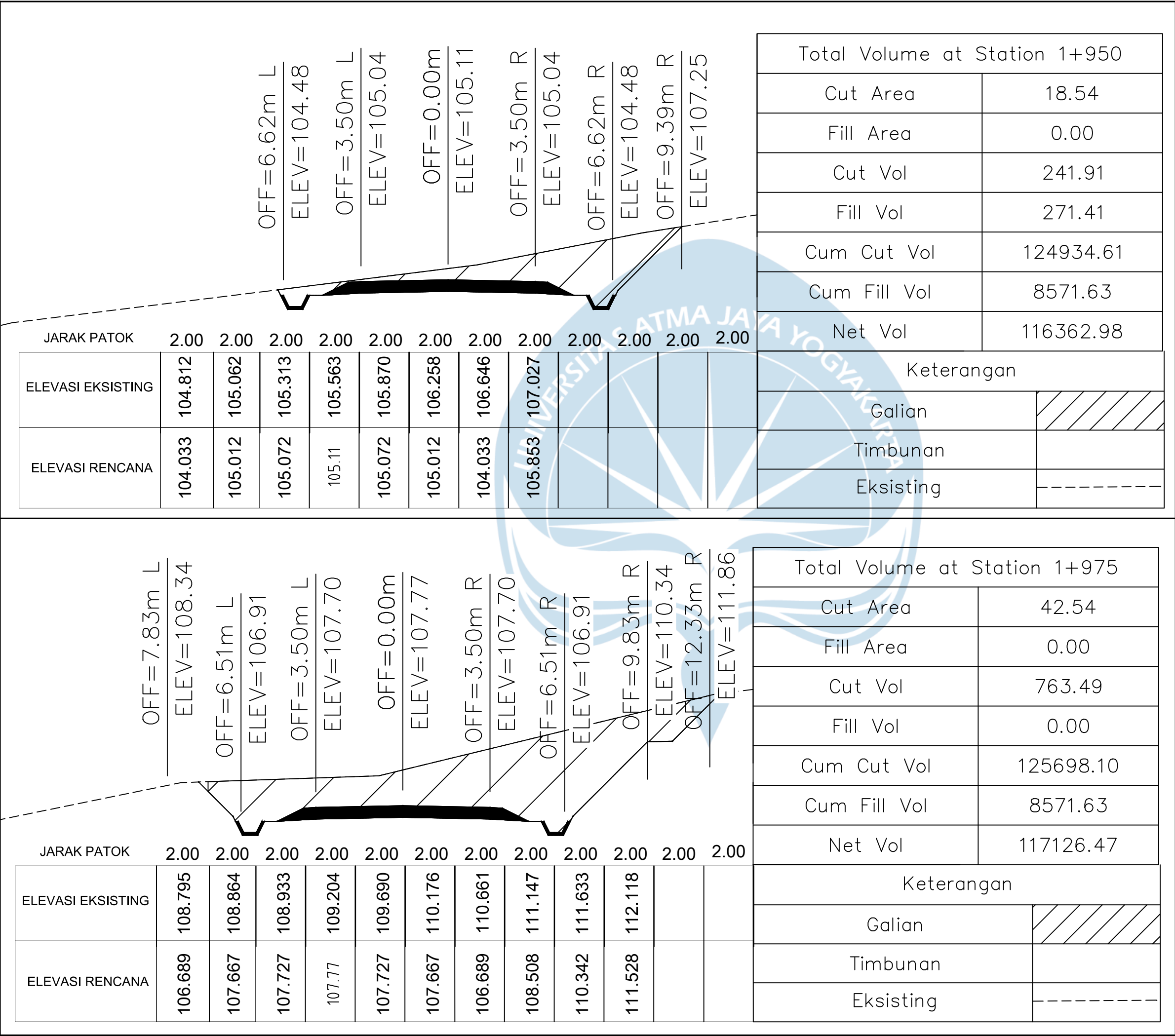
LOKASI

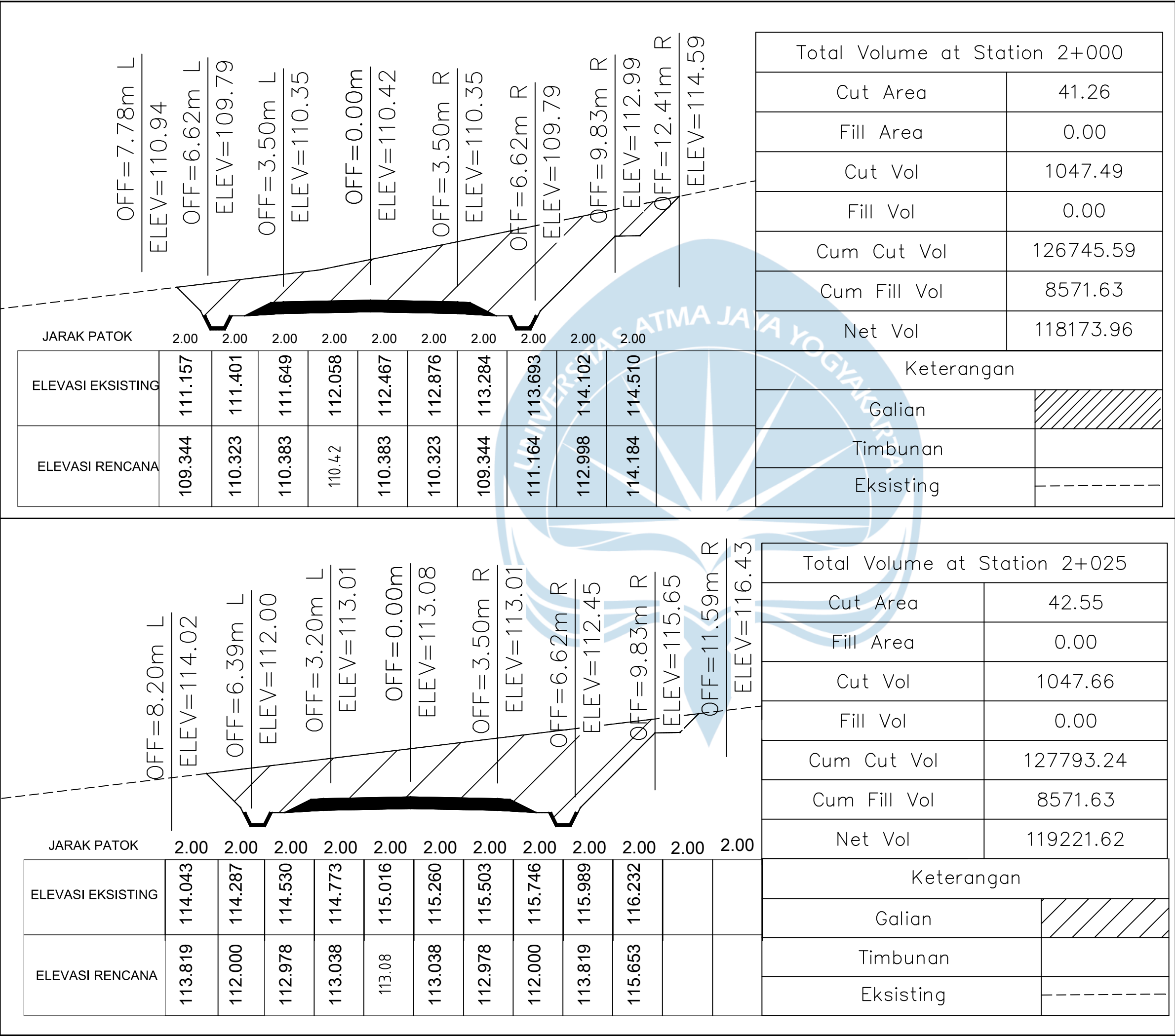
KETERANGAN GAMBAR

DIGAMBAR OLEH

JUDUL GAMBAR

1 : 150







Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 2+000 -2+025

DIGAMBAR OLEH

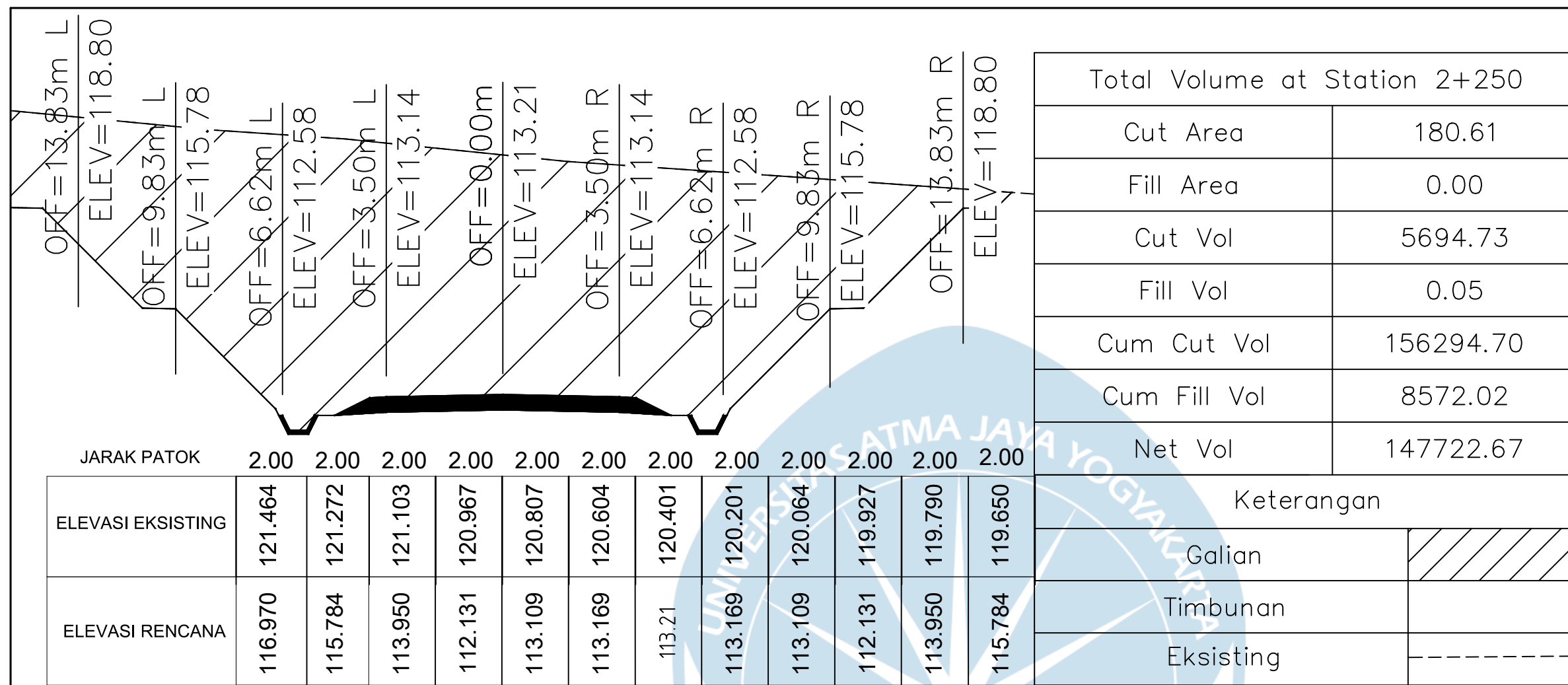
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



DOSEN PENGAMPU

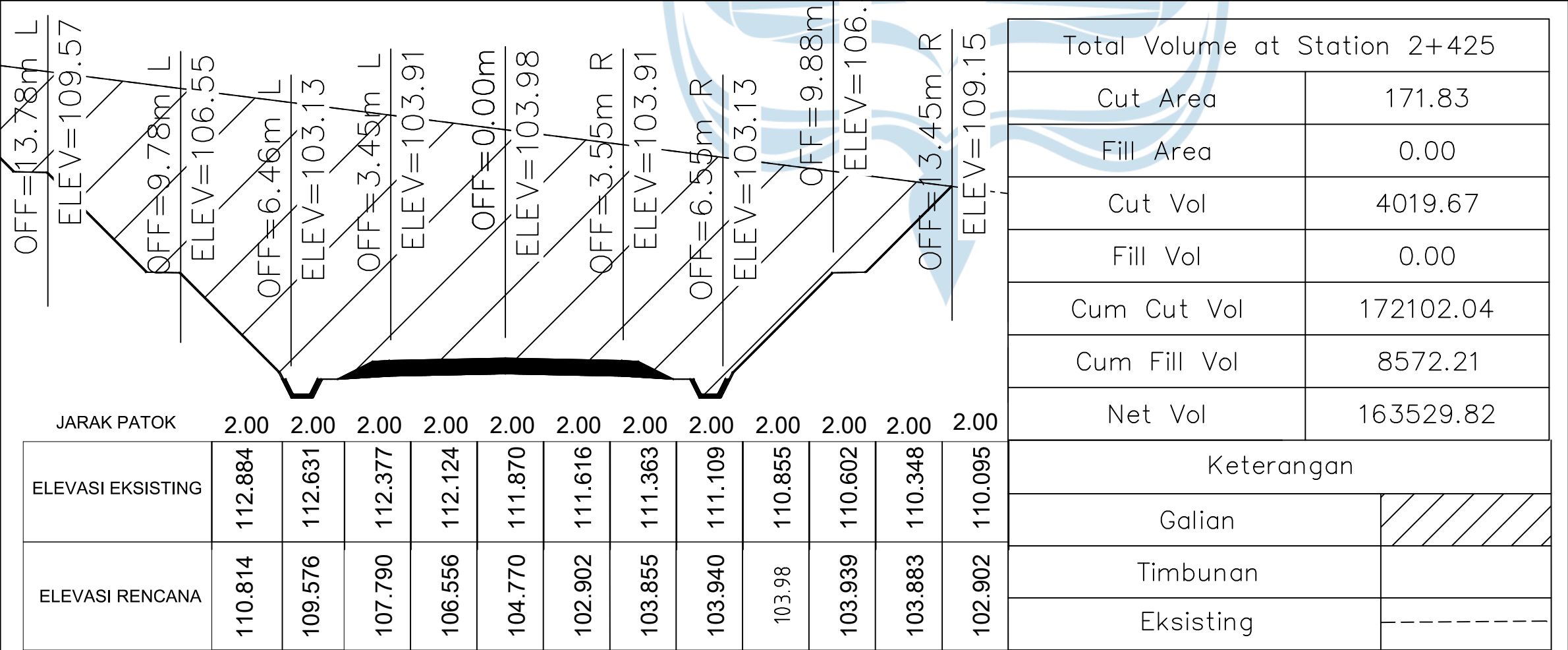
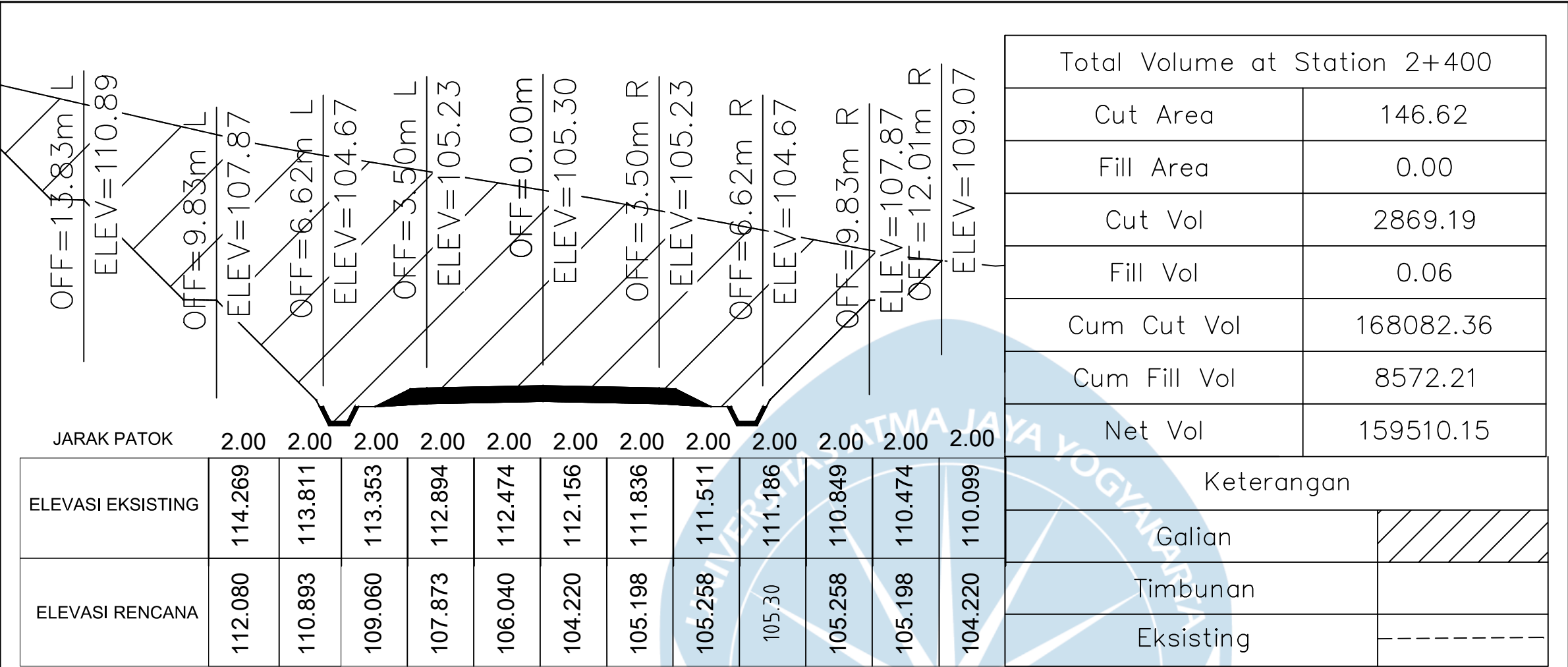
LOKASI

KETERANGAN GAMBAR

DIGAMBAR OLEH

JUDUL GAMBAR

1 : 150



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 2+400 - 2+425

DIGAMBAR OLEH

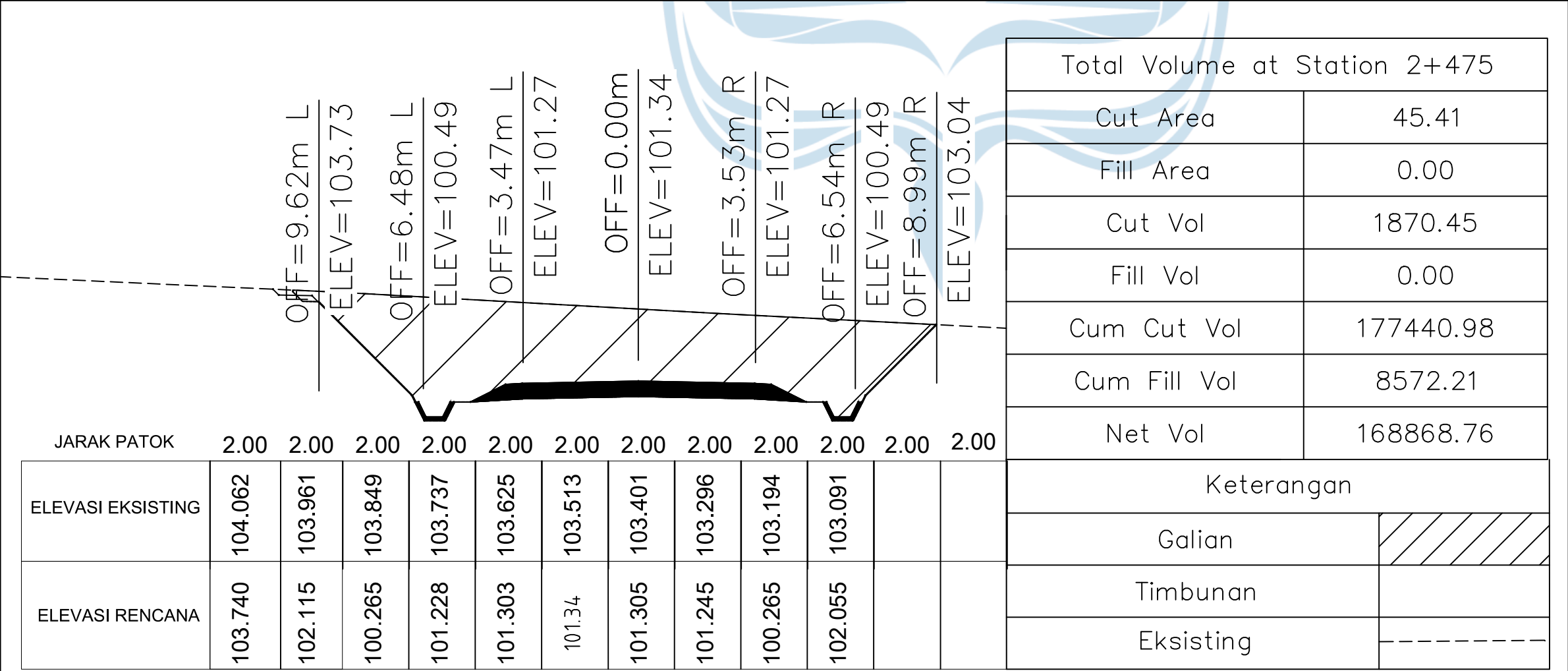
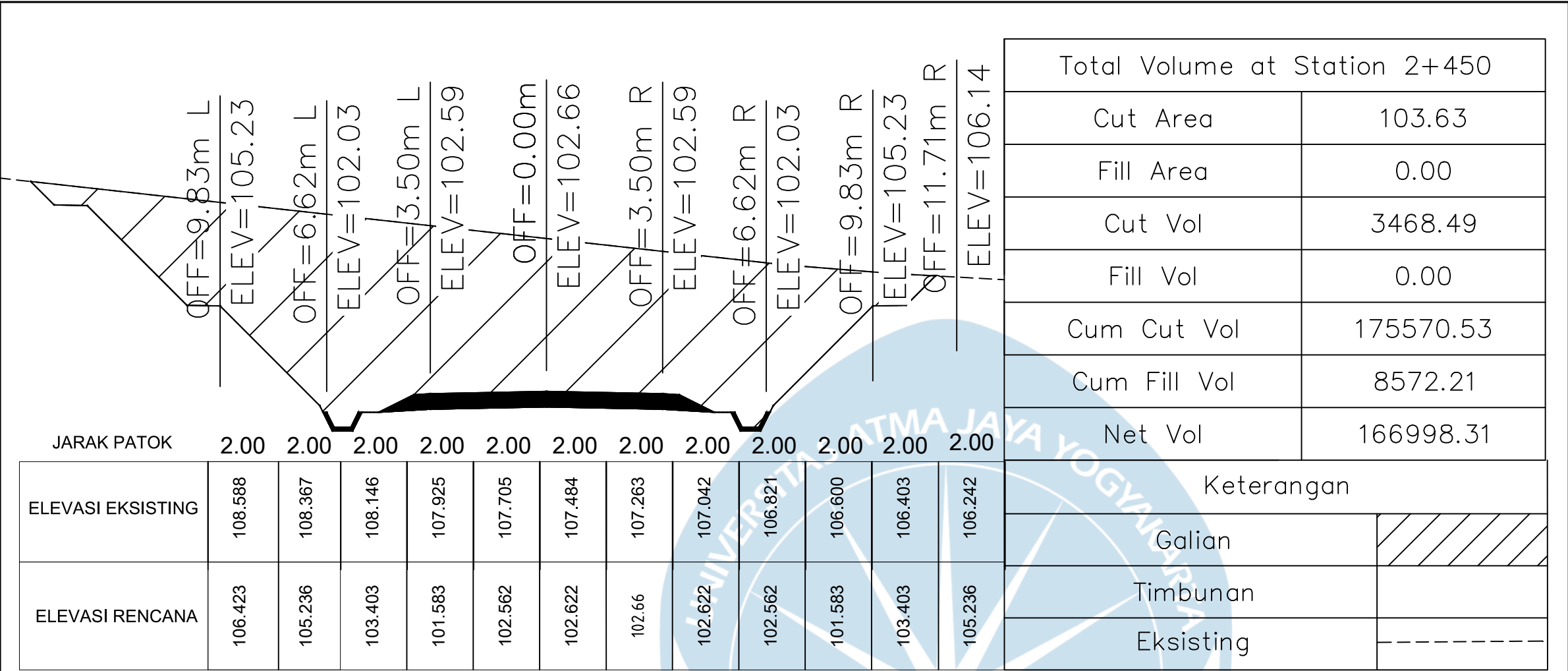
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 2+450 - 2+475

DIGAMBAR OLEH

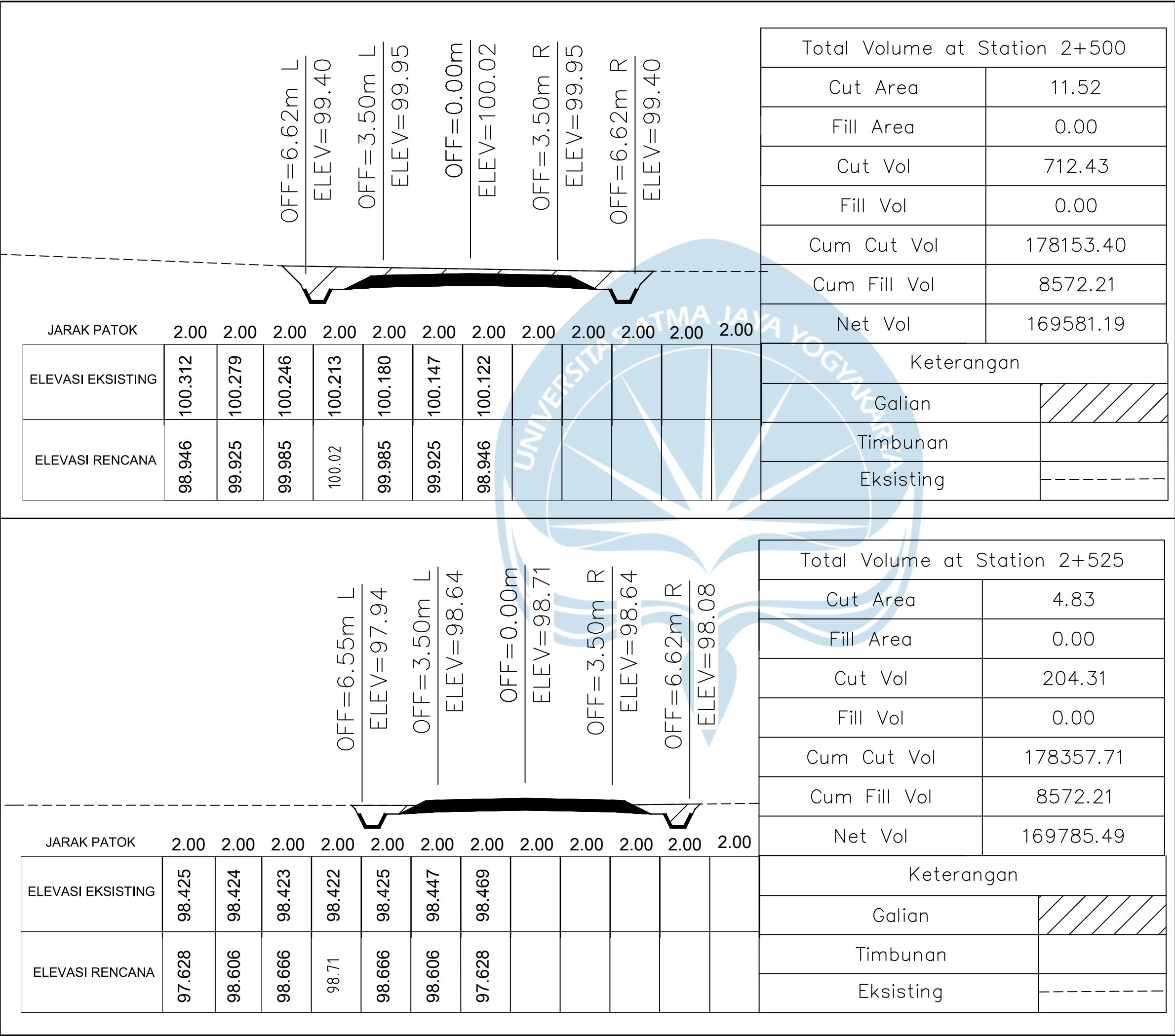
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

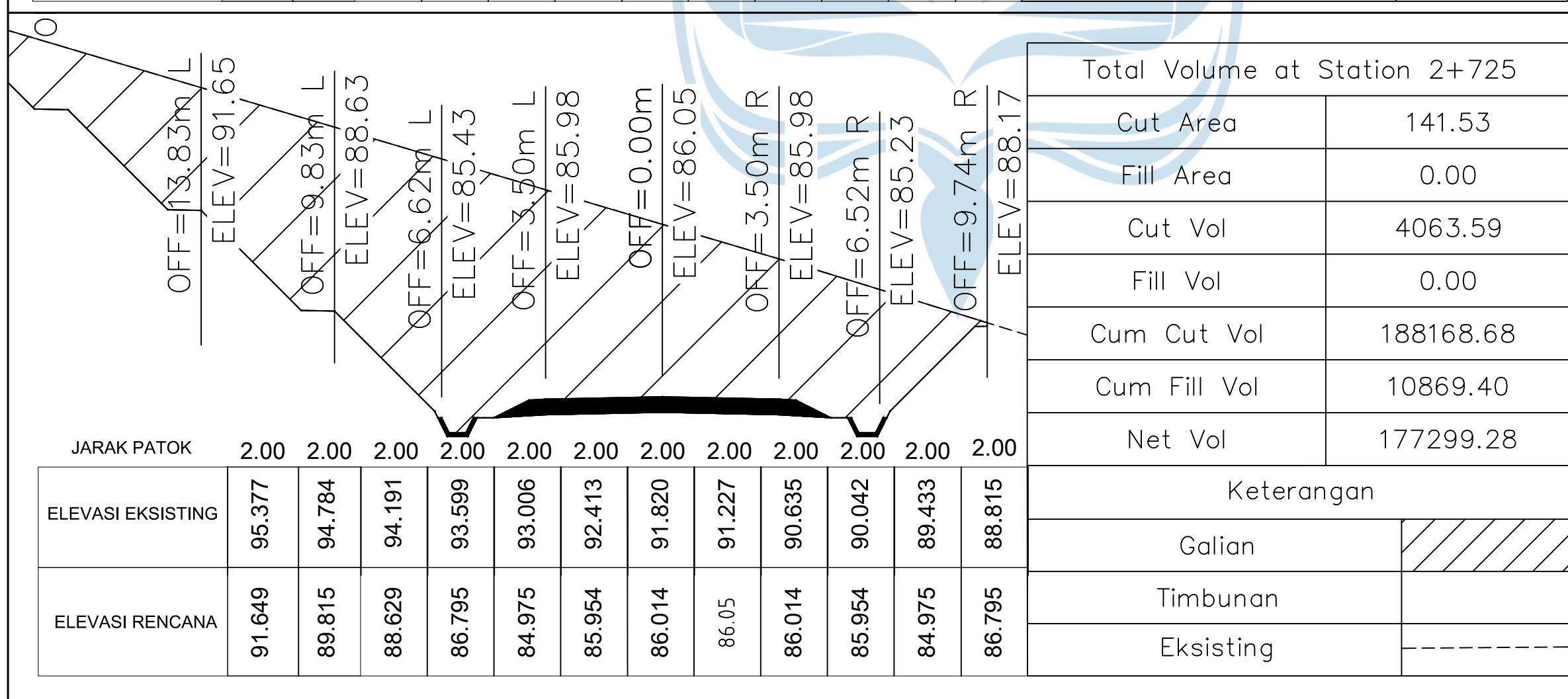
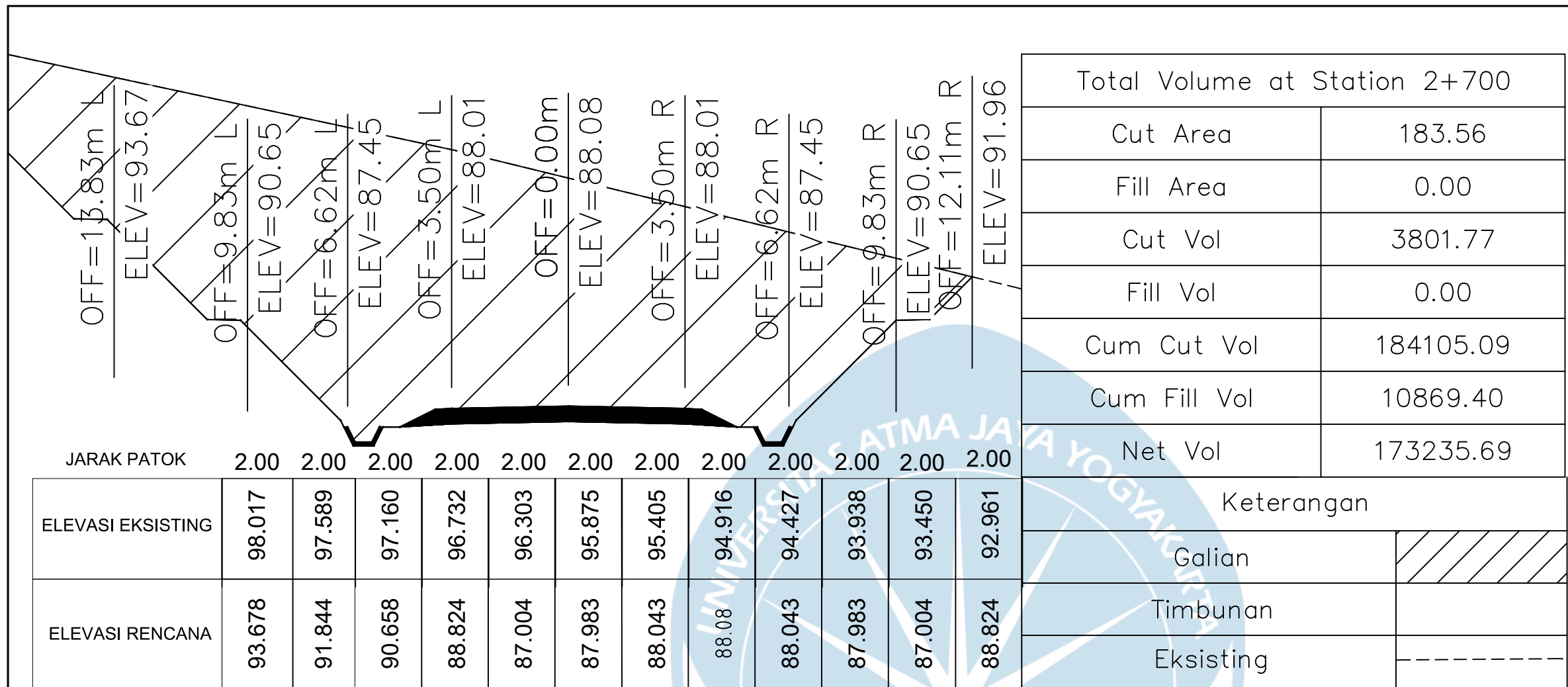
JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 2+700 - 2+725

DIGAMBAR OLEH

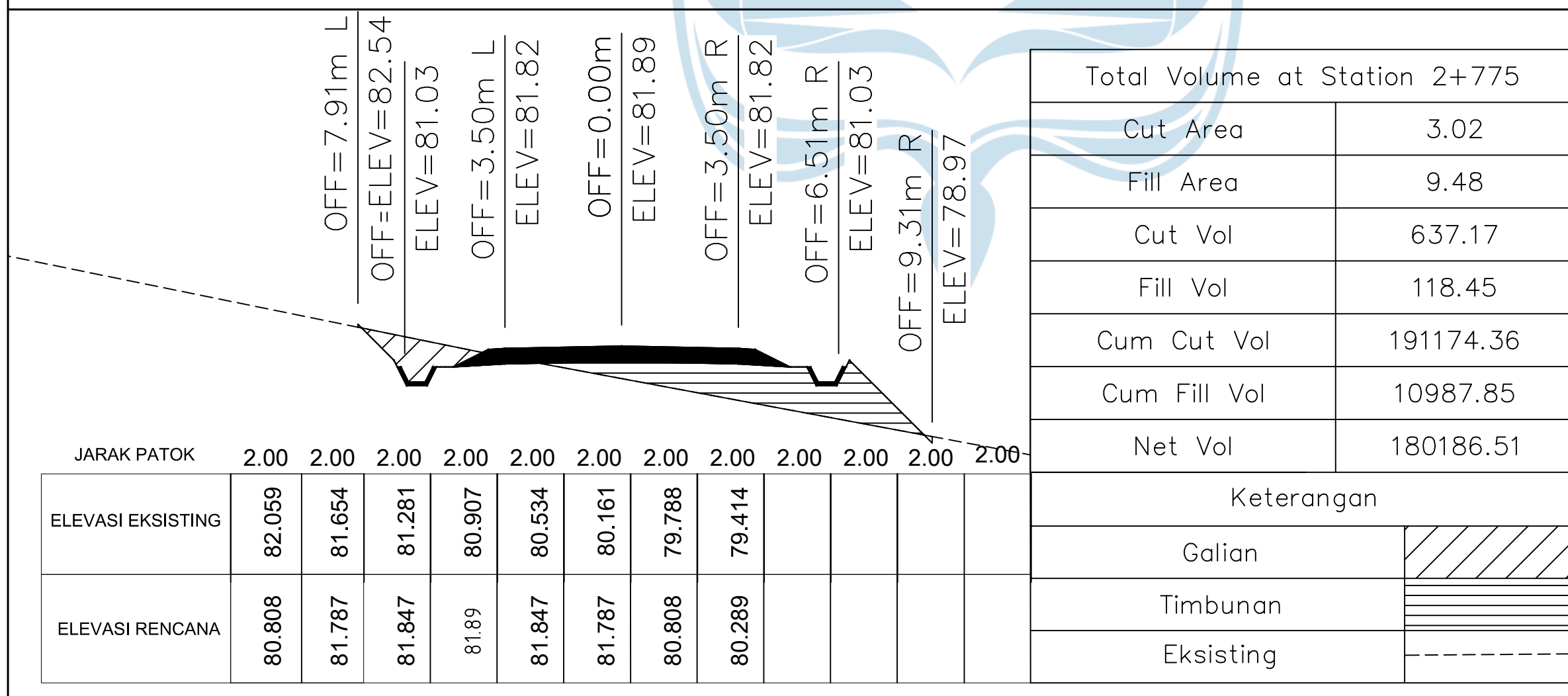
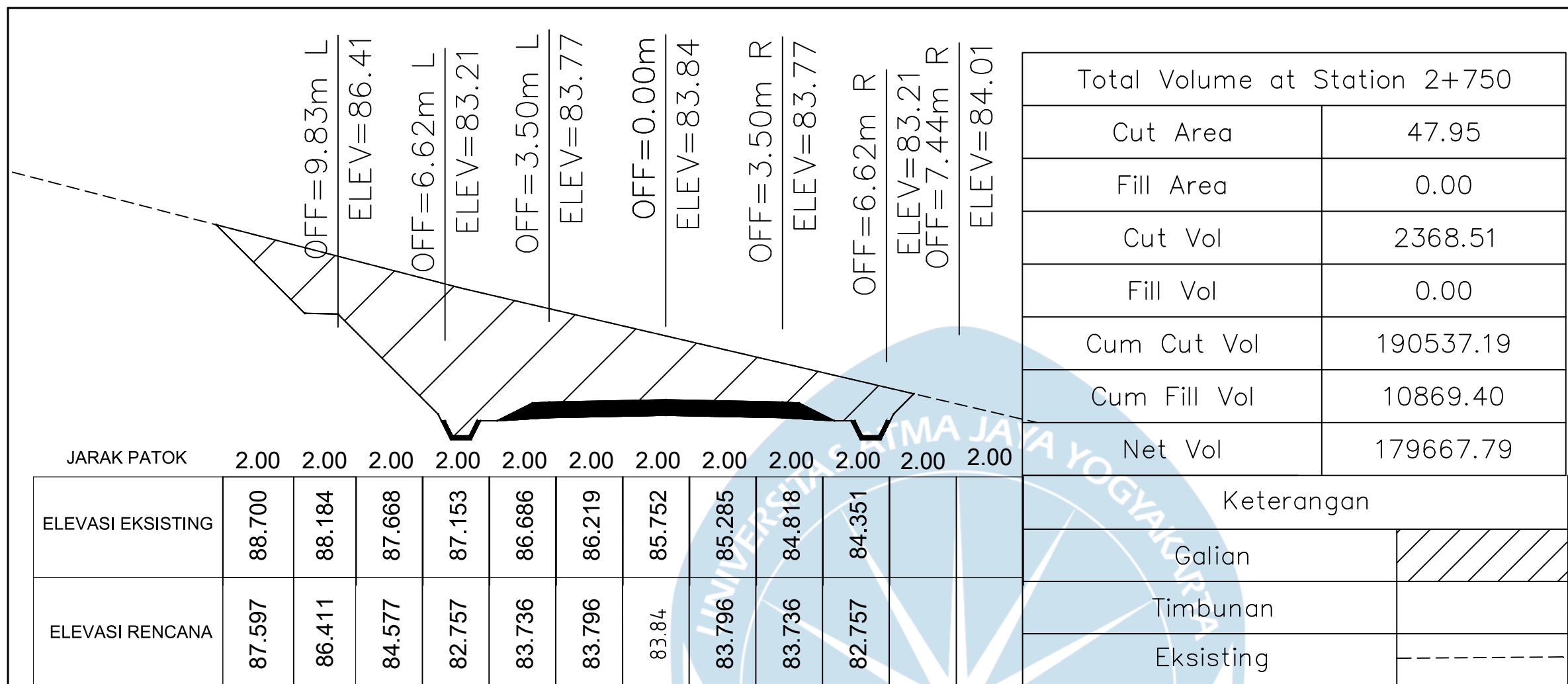
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 2+750 - 2+775

DIGAMBAR OLEH

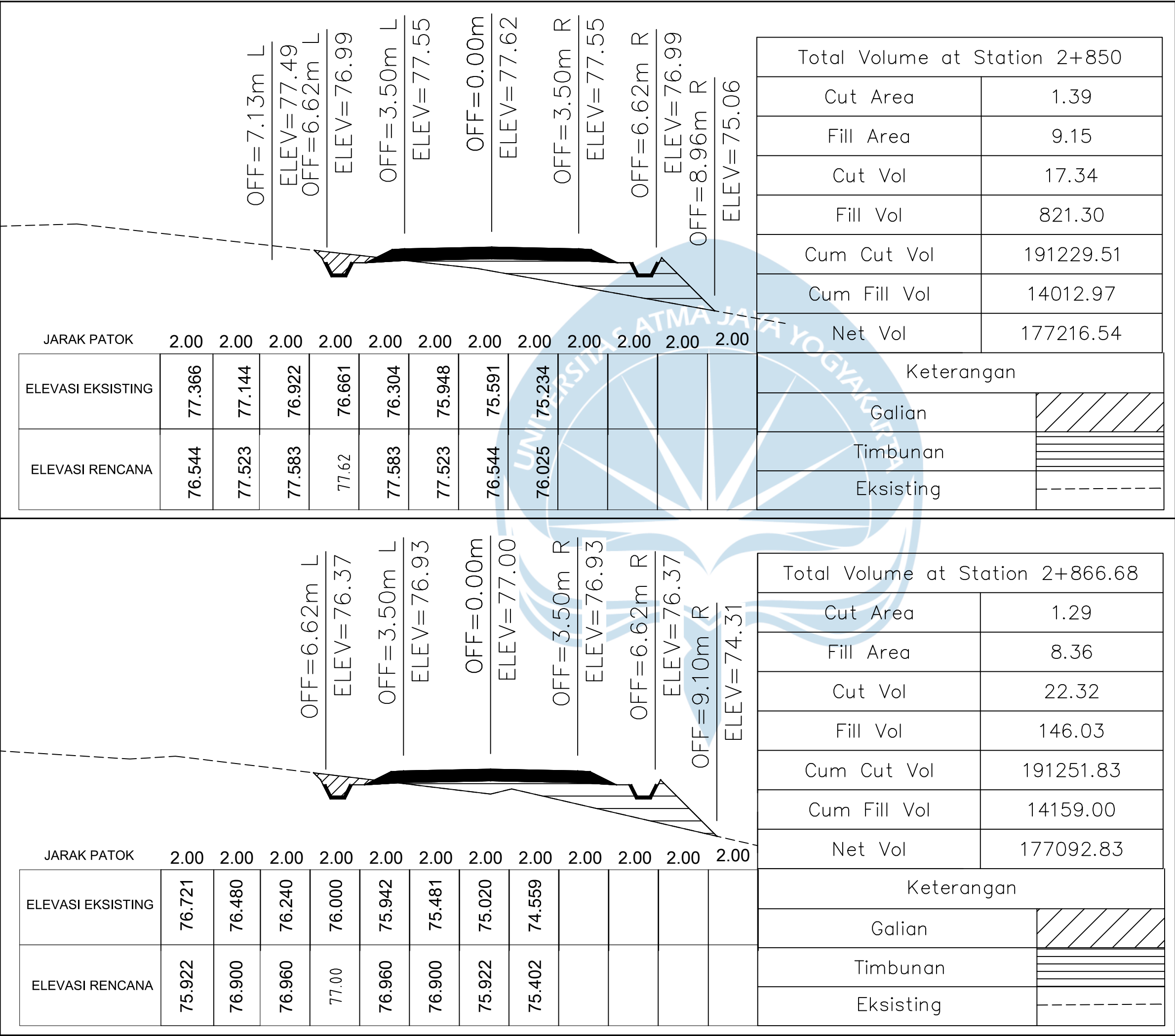
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Potongan Melintang STA 2+850 - 2+866.68

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Potongan Melintang

1 : 150

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Dr. Ir. J.DwijokoAnsusanto, M.T.IPU

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Lapisan Perkerasan HRS

DIGAMBAR OLEH

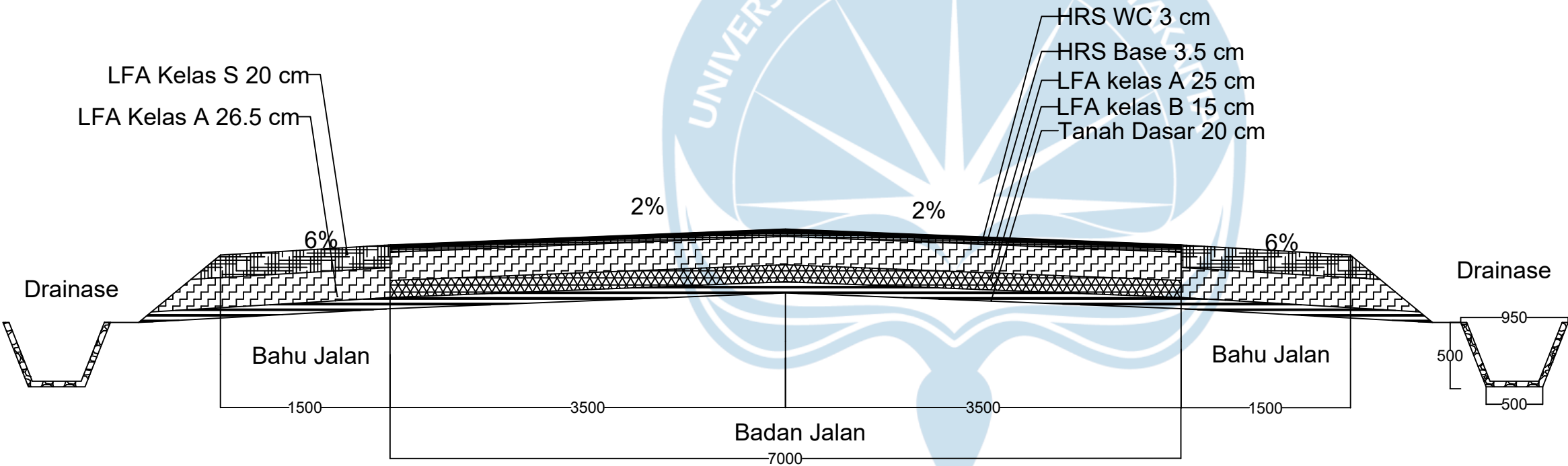
Nico Leonard Dwiputra/210218721
Stevanus Solossa /210218758

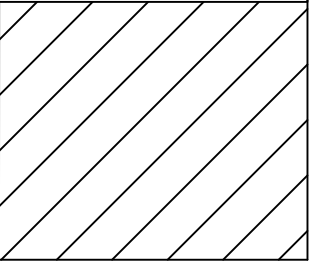
JUDUL GAMBAR

Penampang Melintang Jalan

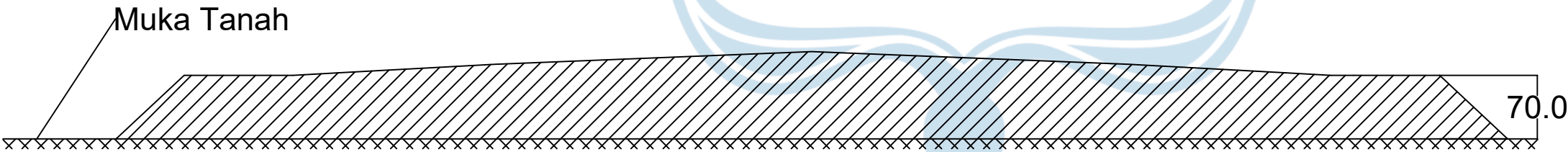
1 : 4

Skala



Keterangan		
H surcharge	70 cm	

STA 0 + 000 - STA 2 + 866.68



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

H Surcharge

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

H surcharge STA 0 + 000 - 2 + 866.68

1 : 5

Skala



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+000 - 0+075

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

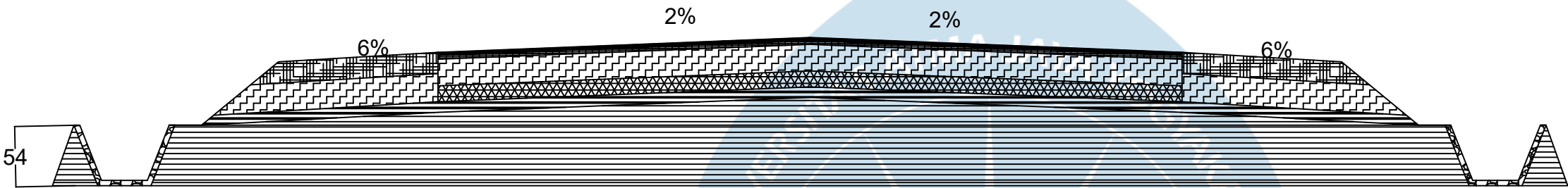
Desain Timbunan dan Perkerasan

1 : 5

Skala

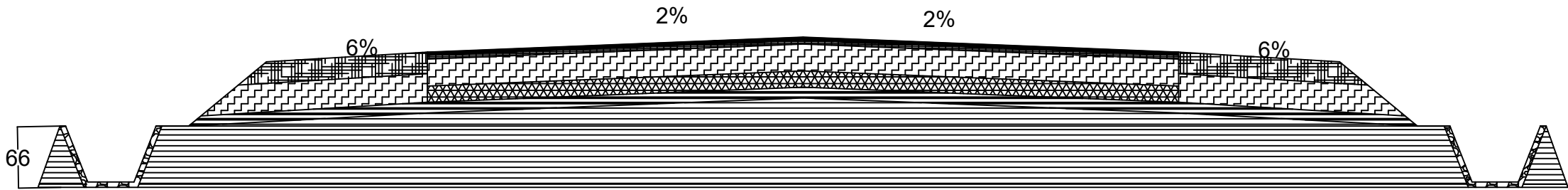
Keterangan		
H sc	54 cm	
H Total	54 cm	

STA 0 + 000



Keterangan		
H sc	66 cm	
H Total	66 cm	

STA 0 + 075





Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+225 - 0+250

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Desain Timbunan dan Perkerasan

1 : 5

Skala

Keterangan

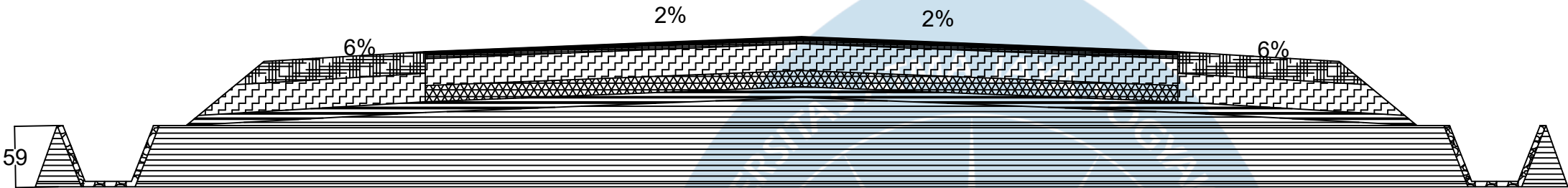
H sc

59 cm

H Total

124 cm

STA 0 + 225



Keterangan

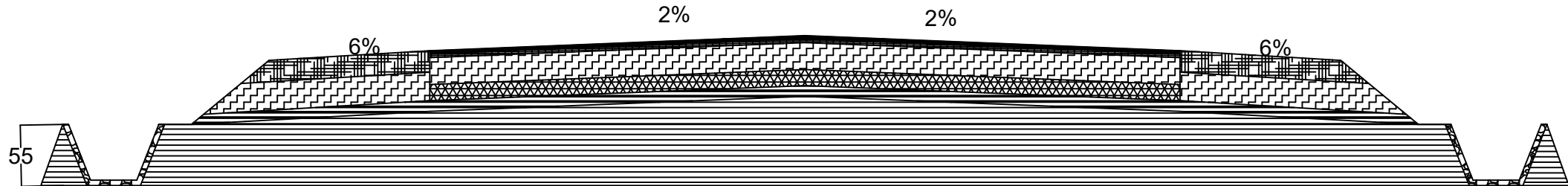
H sc

55 cm

H Total

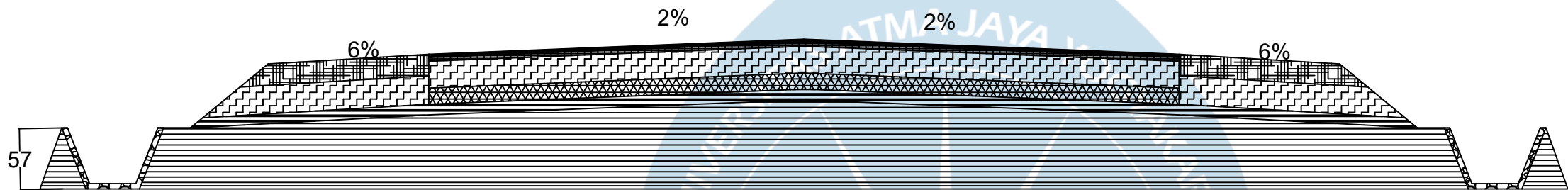
55 cm

STA 0 + 250



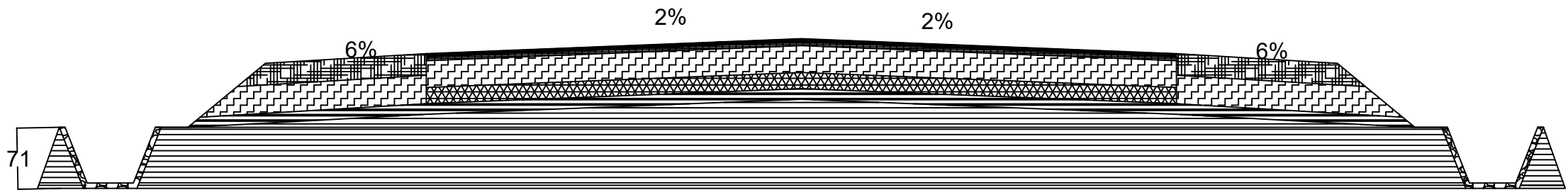
Keterangan		
H sc	57 cm	
H Total	57 cm	

STA 0 + 425



Keterangan		
H sc	71 cm	
H Total	71 cm	

STA 0 + 450



Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya,.S.T,M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+425 - 0+450

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

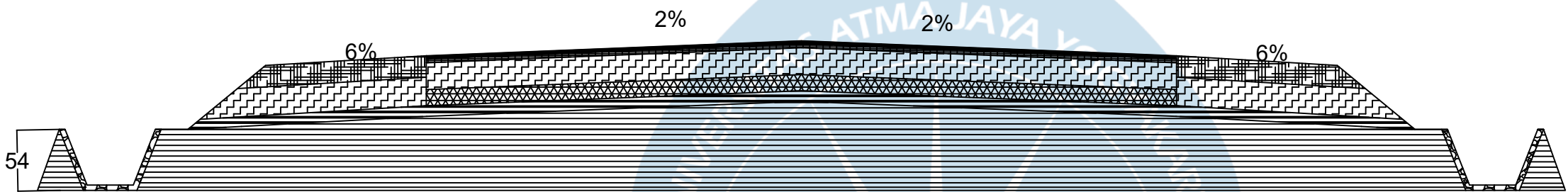
Desain Timbunan dan Perkerasan

1 : 5

Skala

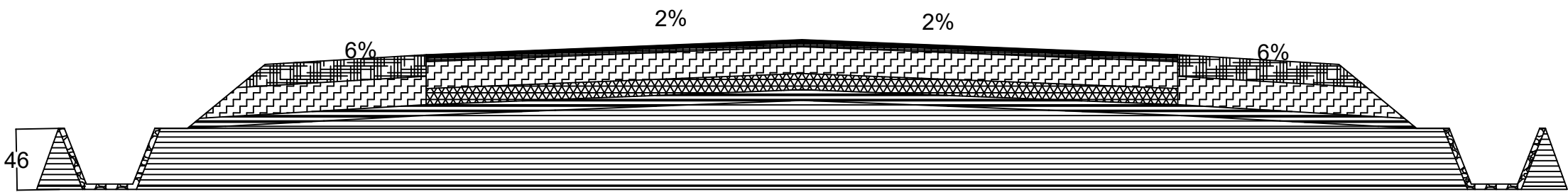
Keterangan		
H sc	54 cm	
H Total	54 cm	

STA 0 + 475



Keterangan		
H sc	46 cm	
H Total	46 cm	

STA 0 + 525



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+475 - 0+525

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

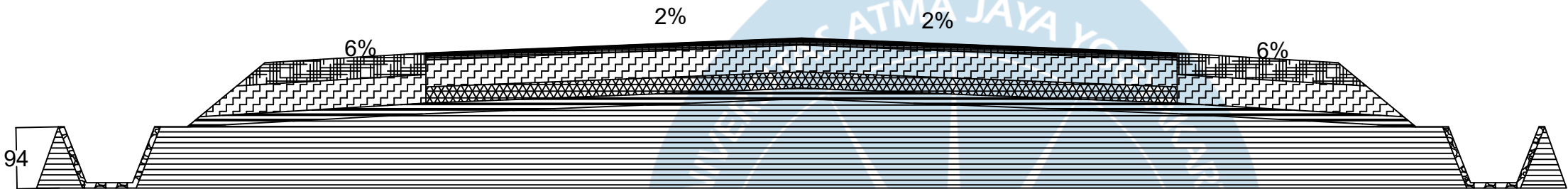
Desain Timbunan dan Perkerasan

1 : 5

Skala

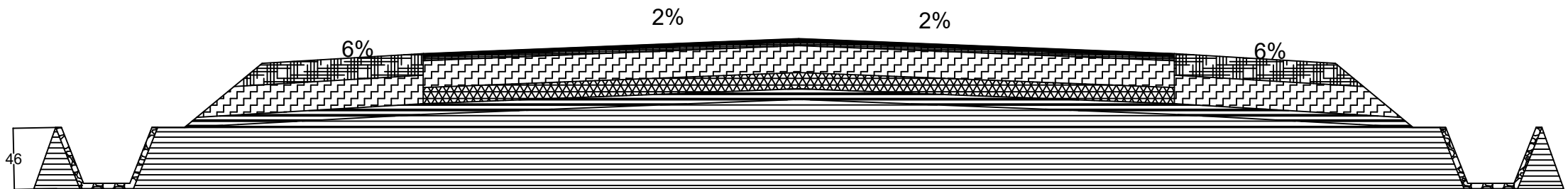
Keterangan		
H sc	94 cm	
H Total	94 cm	

STA 0 + 550



Keterangan		
H sc	46 cm	
H Total	46 cm	

STA 0 + 775



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya,.S.T,M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+550 - 0+775

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Desain Timbunan dan Perkerasan

1 : 5

Skala



Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+800 - 0+825

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

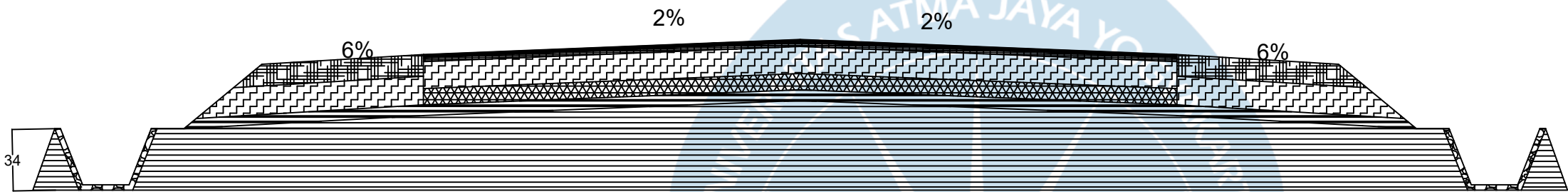
Desain Timbunan dan Perkerasan

1 : 5

Skala

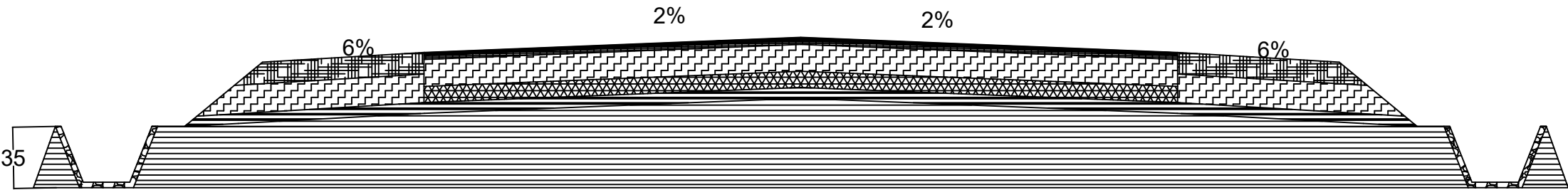
Keterangan		
H sc	34 cm	
H Total	34 cm	

STA 0 + 800



Keterangan		
H sc	35 cm	
H Total	35 cm	

STA 0 + 825





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+850 - 0+875

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Desain Timbunan dan Perkerasan

1 : 5

Skala

Keterangan

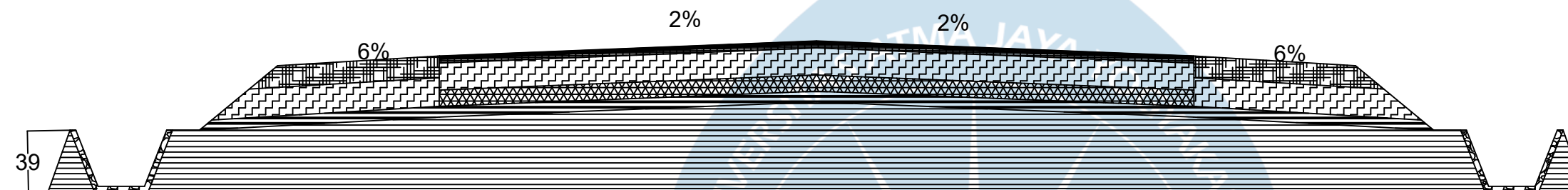
H sc

39 cm

H Total

39 cm

STA 0 + 850



Keterangan

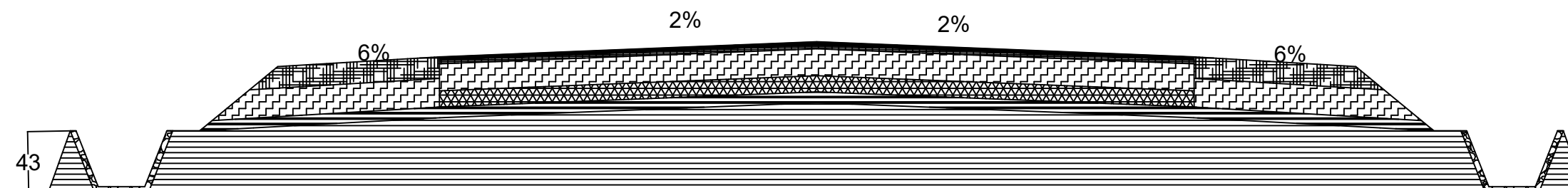
H sc

43 cm

H Total

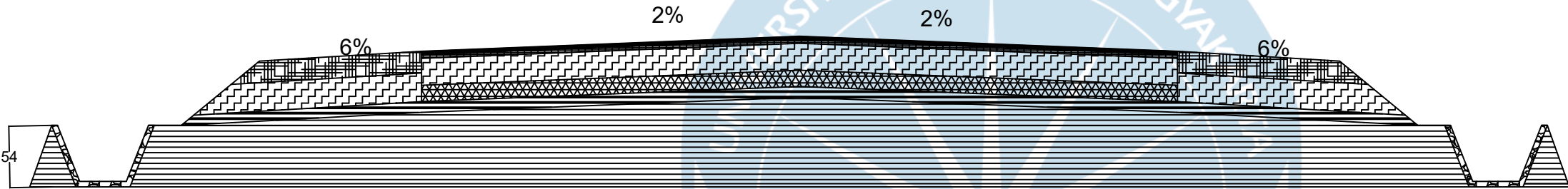
43 cm

STA 0 + 875



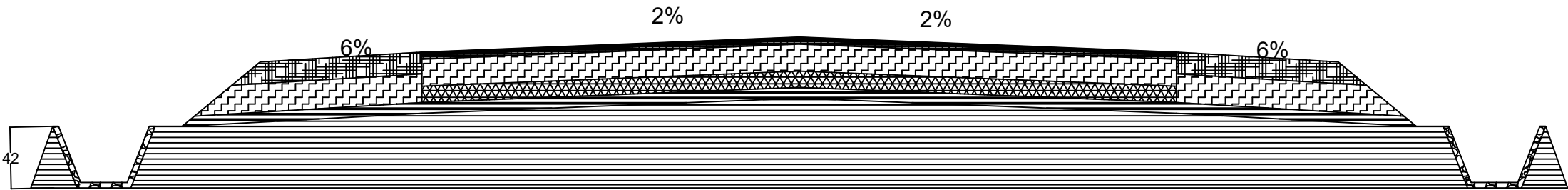
Keterangan		
H sc	54 cm	
H Total	54 cm	

STA 0 + 900



Keterangan		
H sc	42 cm	
H Total	42 cm	

STA 1 + 550



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 0+900 - 1+550

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

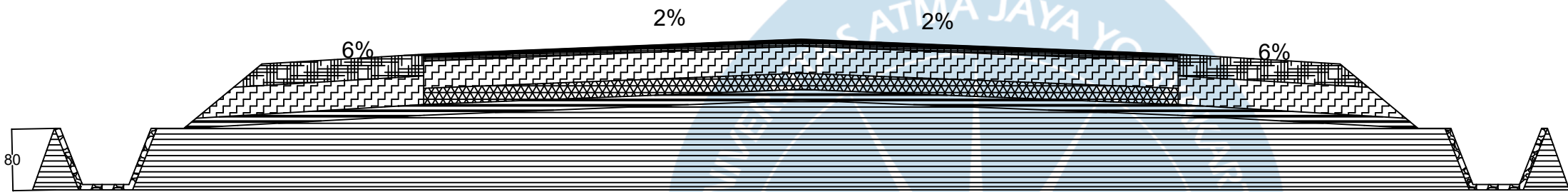
Desain Timbunan dan Perkerasan

1 : 5

Skala

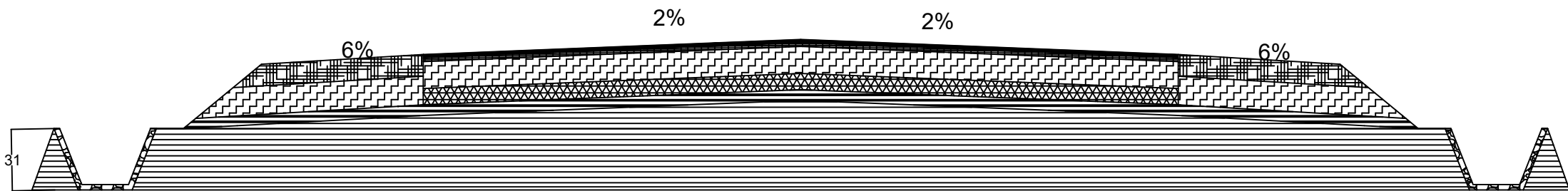
Keterangan		
H sc	80 cm	
H Total	80 cm	

STA 1 + 575



Keterangan		
H sc	31 cm	
H Total	31 cm	

STA 1 + 850



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya,.S.T,M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 1+575 - 1+850

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Desain Timbunan dan Perkerasan

1 : 5

Skala



Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 1+875 - 1+900

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

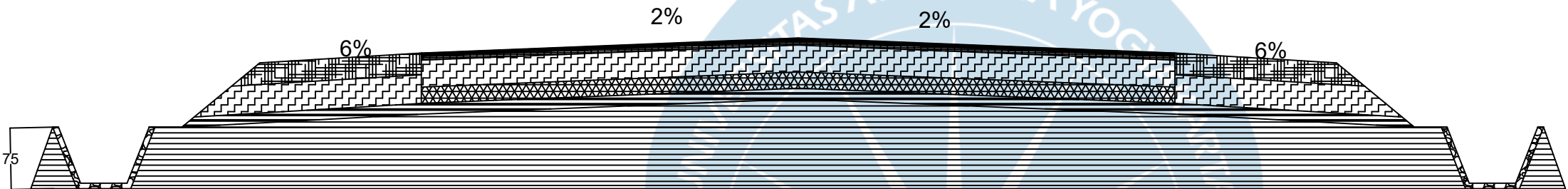
Desain Timbunan dan Perkerasan

1 : 5

Skala

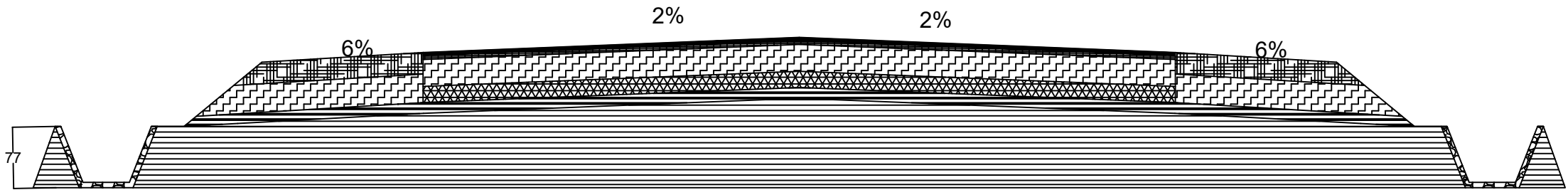
Keterangan		
H sc	75 cm	
H Total	75 cm	

STA 1 + 875



Keterangan		
H sc	77 cm	
H Total	77 cm	

STA 1 + 900





Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 1+925 - 2+600

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Desain Timbunan dan Perkerasan

1 : 5

Skala

Keterangan

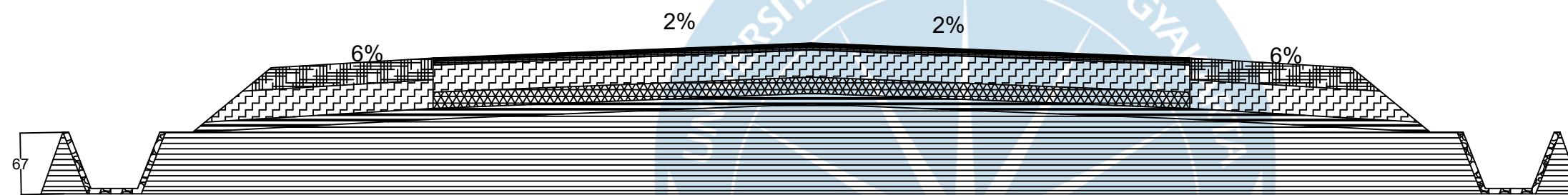
H sc

67 cm

H Total

67 cm

STA 1 + 925



Keterangan

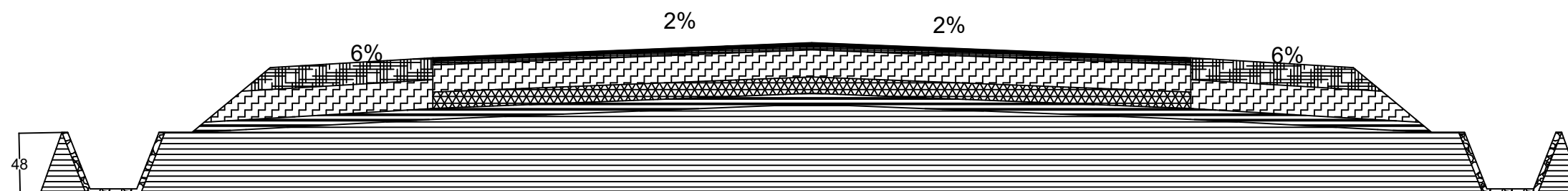
H sc

48 cm

H Total

48 cm

STA 2 + 600





Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 2+625 - 2+775

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

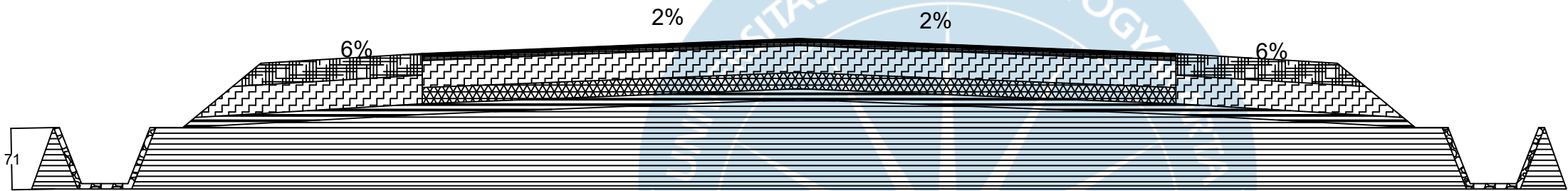
Desain Timbunan dan Perkerasan

1 : 5

Skala

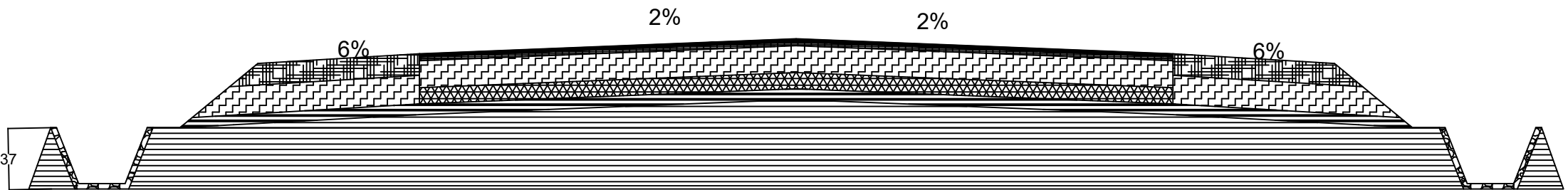
Keterangan		
H sc	71 cm	
H Total	71 cm	

STA 2 + 625



Keterangan		
H sc	37 cm	
H Total	37 cm	

STA 2 + 775





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 2+800 - 2+825

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

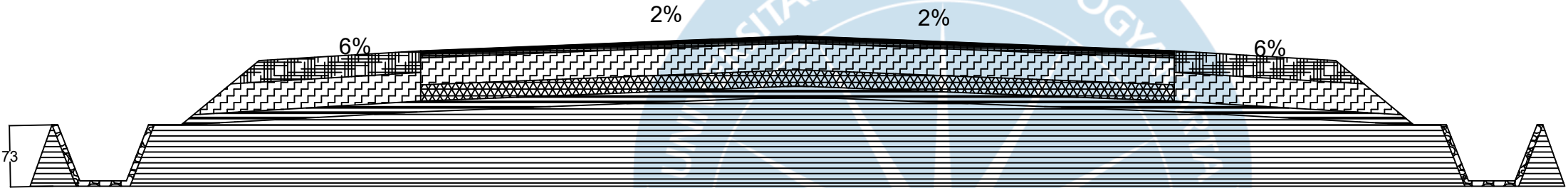
Desain Timbunan dan Perkerasan

1 : 5

Skala

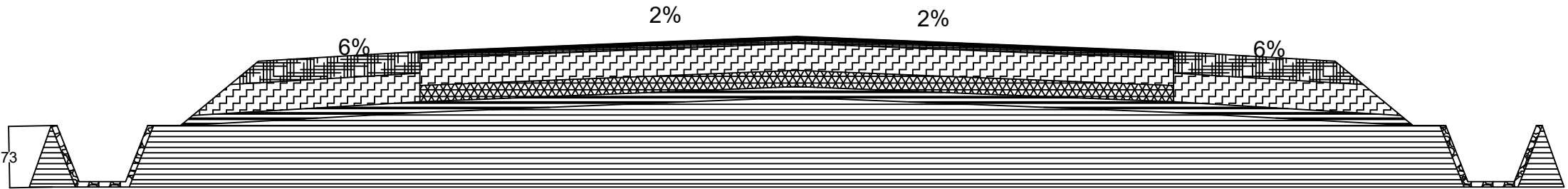
Keterangan		
H sc	73 cm	
H Total	73 cm	

STA 2 + 800



Keterangan		
H sc	73 cm	
H Total	73 cm	

STA 2 + 825





Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

STA 2+850 - 2+866

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Desain Timbunan dan Perkerasan

1 : 5

Skala

Keterangan

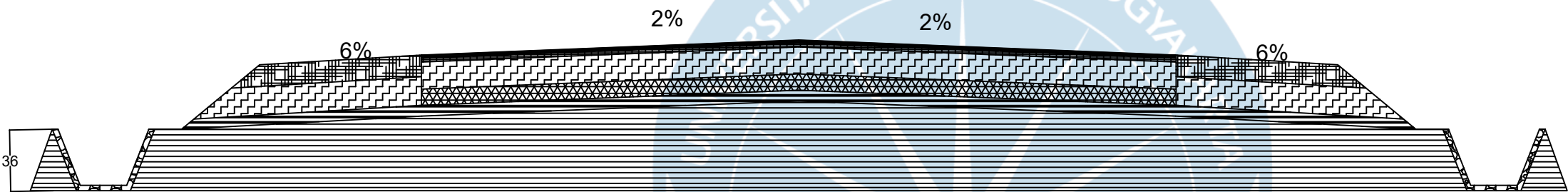
H sc

36 cm

H Total

36 cm

STA 2 + 850



Keterangan

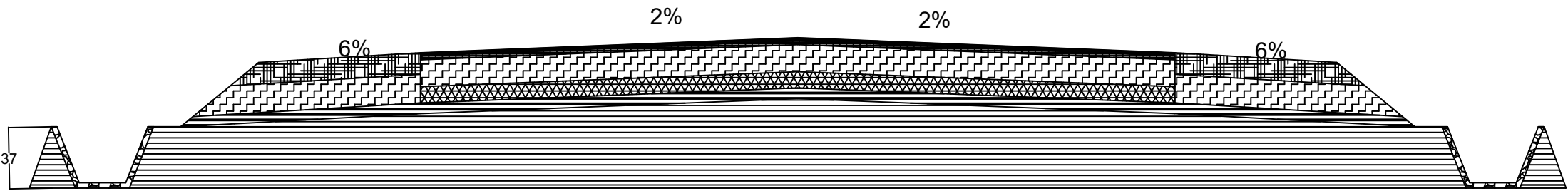
H sc

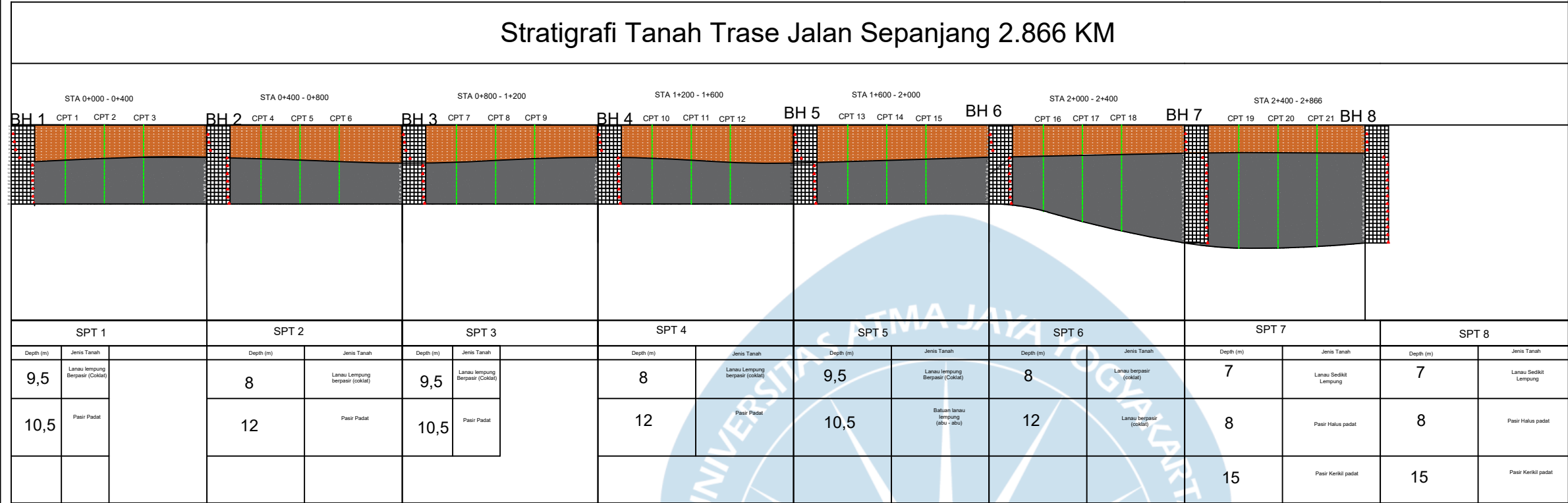
37 cm

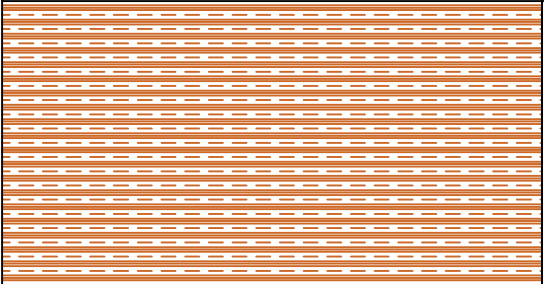
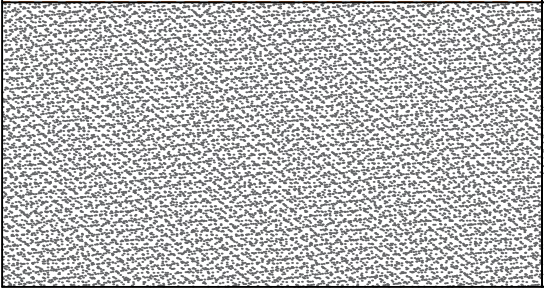
H Total

37 cm

STA 2 + 886





Keterangan	Jenis Tanah
	Lanau Lempung
	Pasir Padat / Halus



Tugas Akhir Perancangan Infrastruktur Jalan
Semester Genap 2024/2025

DOSEN PENGAMPU

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LOKASI

Kabupaten Gunung Kidul

KETERANGAN GAMBAR

Stratigrafi Tanah Sepanjang 2.866 km

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Stratigrafi Tanah Pada Trase

1 : 5

Skala



Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya,.S.T,M.Eng.

LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

Stratigrafi Tanah
Sepanjang 2.866 Km

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Stratigrafi Tanah
Segmen 1 & Segmen 2

1 : 5

Skala

STA 0+000 - 0+400

STA 0+400 - 0+800

BH 1

CPT 1

CPT 2

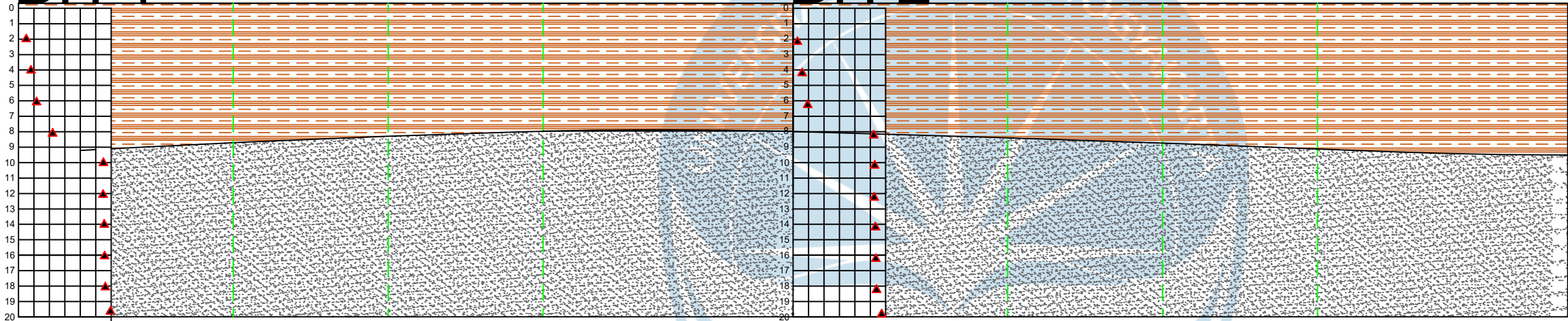
CPT 3

BH 2

CPT 4

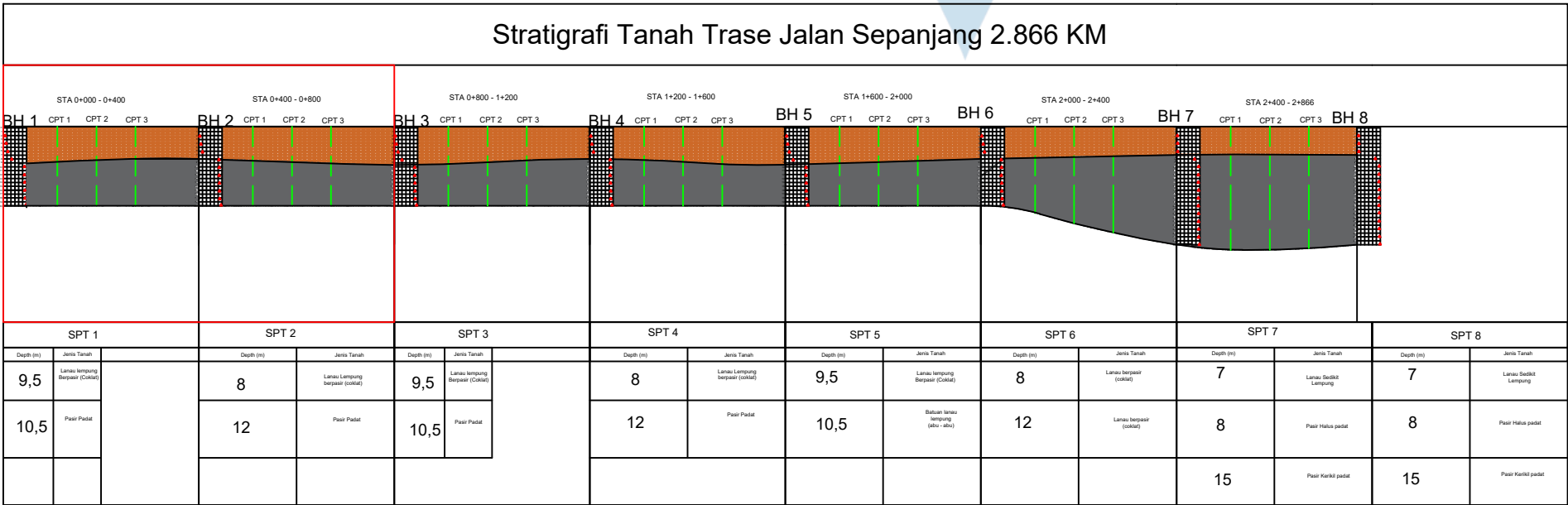
CPT 5

CPT 6



Keyplan 1: 20

Stratigrafi Tanah Trase Jalan Sepanjang 2.866 KM





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya, S.T, M.Eng.

LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

Stratigrafi Tanah
Sepanjang 2.866 Km

DIGAMBAR OLEH

Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Stratigrafi Tanah
Segmen 3 & Segmen 4

1 : 5

Skala

STA 0+800 - 1+200

STA 1+200 - 1+600

BH 3

CPT 7

CPT 8

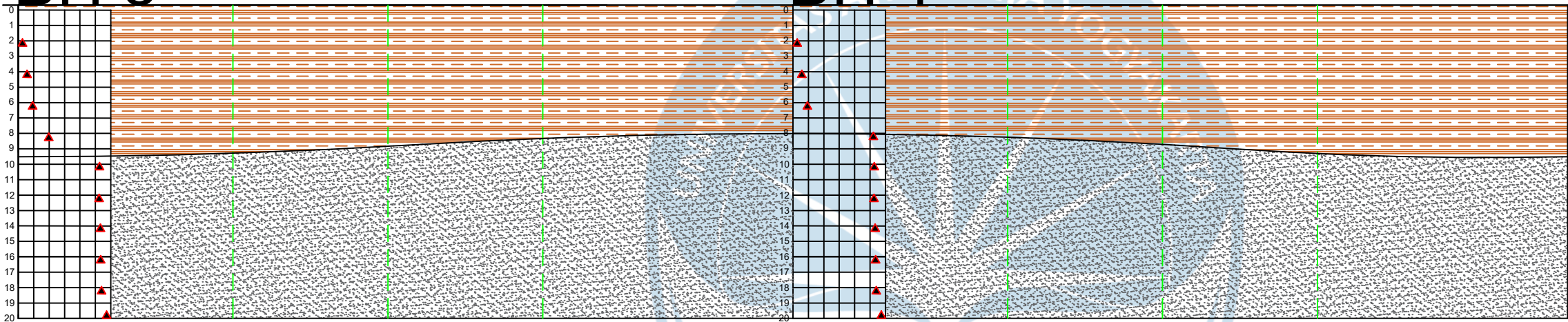
CPT 9

BH 4

CPT 10

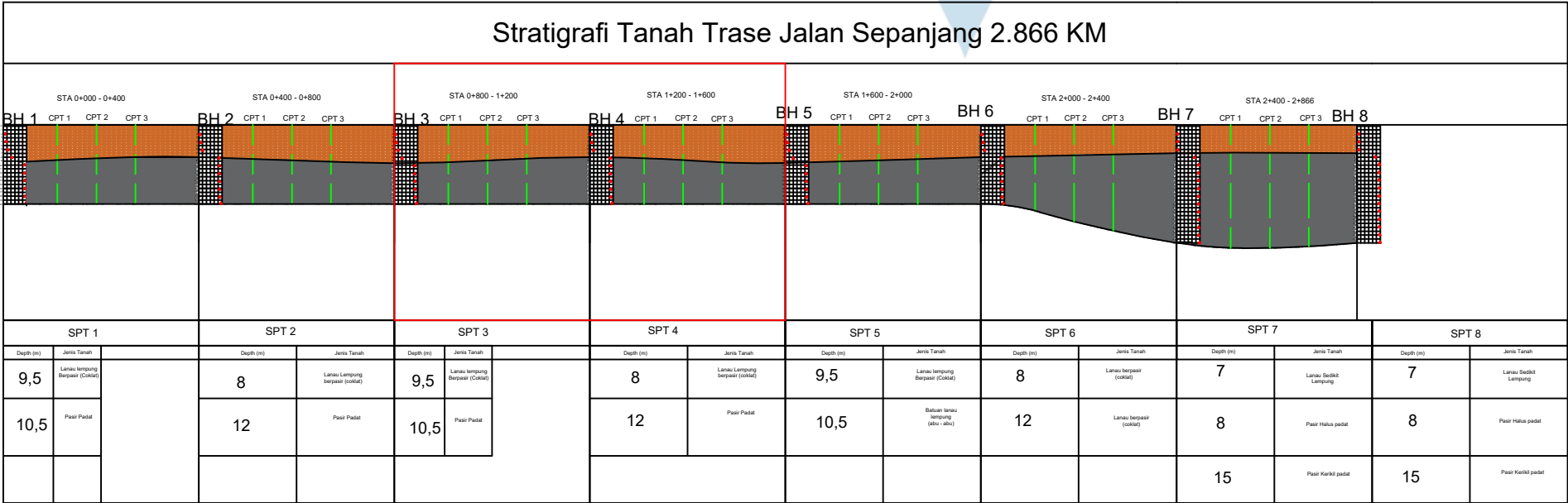
CPT 11

CPT 12



Keyplan 1: 20

Stratigrafi Tanah Trase Jalan Sepanjang 2.866 KM





Tugas Akhir Perancangan Infrastruktur Jalan

Semester Genap 2024/2025

DOSEN PENGAMPU

Ir. William Wijaya,.S.T,M.Eng.

LOKASI

Kabupaten Gunung Kidul, Yogyakarta

KETERANGAN GAMBAR

Stratigrafi Tanah
Sepanjang 2.866 Km

DIGAMBAR OLEH

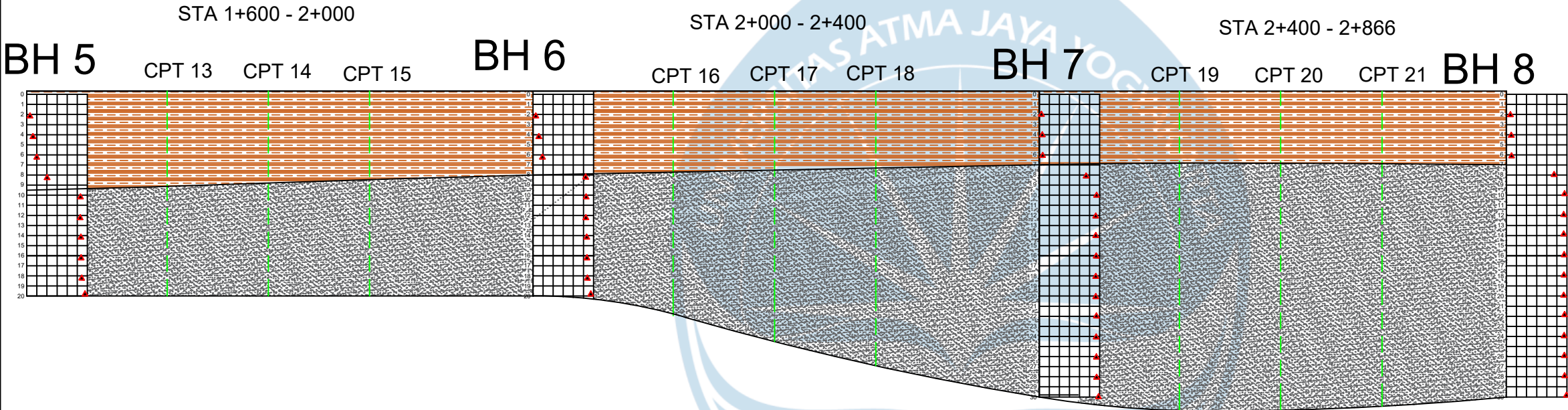
Nico Leonard Dwiputra/210218721
Stevanus Solossa/210218758

JUDUL GAMBAR

Stratigrafi Tanah
Segmen 5 - Segmen 8

1 : 5

Skala



Keyplan 1: 20

