

Palestine Polytechnic University

College Of Engineering And Technology

Civil And Architect Department

Infrastructure Engineering



Graduation Project

Ajouri Junction - Al-Samer Station Road

Design Drawings
Plan, Profile & Cross section

Main Road From Sta.0+000.00 to Sta.0+822.00

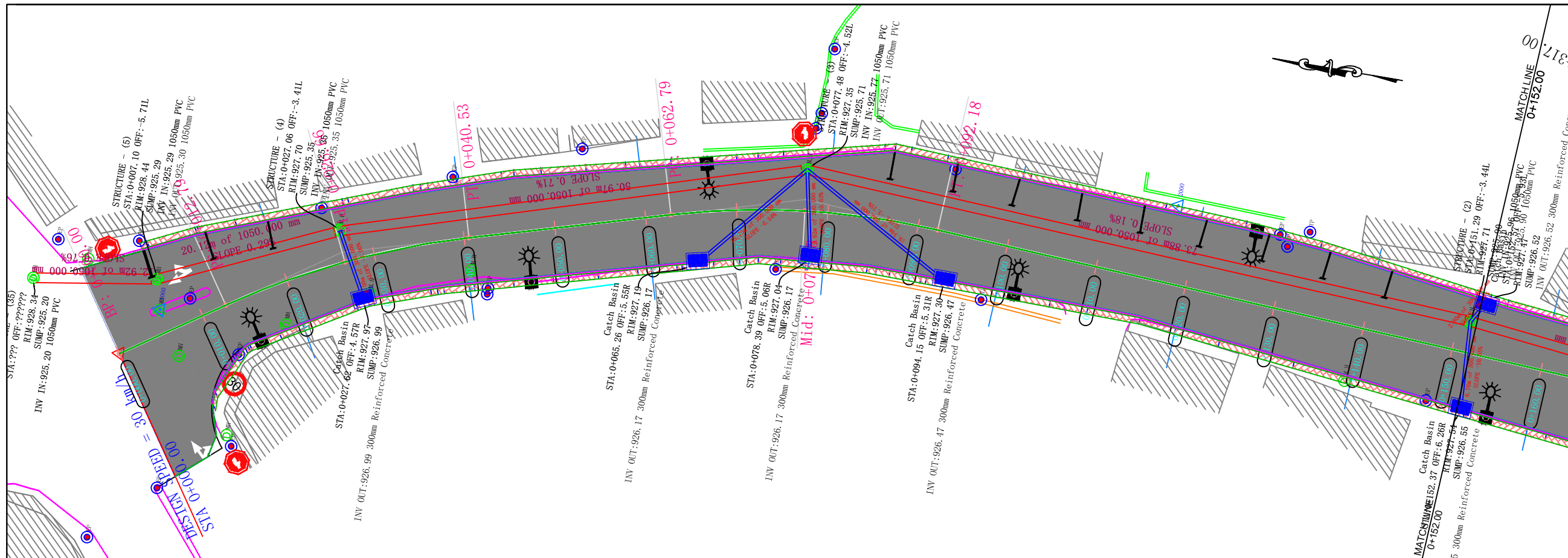
Prepared By:

- 1. Sana J Idais**
- 2. Bara'a Y Darawish**

Supervision :

Eng. Faydi Shabana Tamimi

May 2020



NOTE:
 1. ALL DIMENSIONS ARE IN METERS.
 2. COORDINATES AND ELEVATIONS REFER TO THE PALESTINIAN GRID SYSTEM.

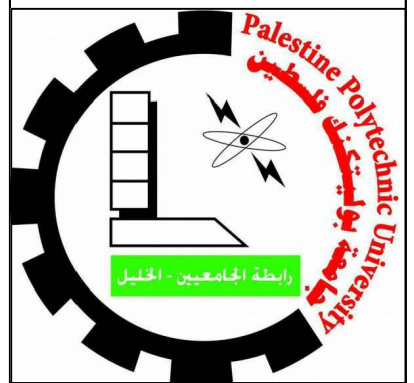
LEGEND AND ABBREVIATIONS

R.O.W	
EXISTING ASPHALT ROAD	
EXISTING CONCRETE WALL	
EXISTING BUILDING	
ELECTRIC POLE	
TELEPHONE POLE	
EXISTING TREE	
EXISTING SEWER MANHOLE	
RECONSTRUCTION AREA	
SIDE WALK	
Proposal Lighting Pole	
NEW CATCH BASIN	
STORM WATER PIPE	

LEGEND FOR PROFILE

	PGL
	NGL

Supervision:
 Palestine Polytechnic University



Design Drawing

Project Name:
 Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

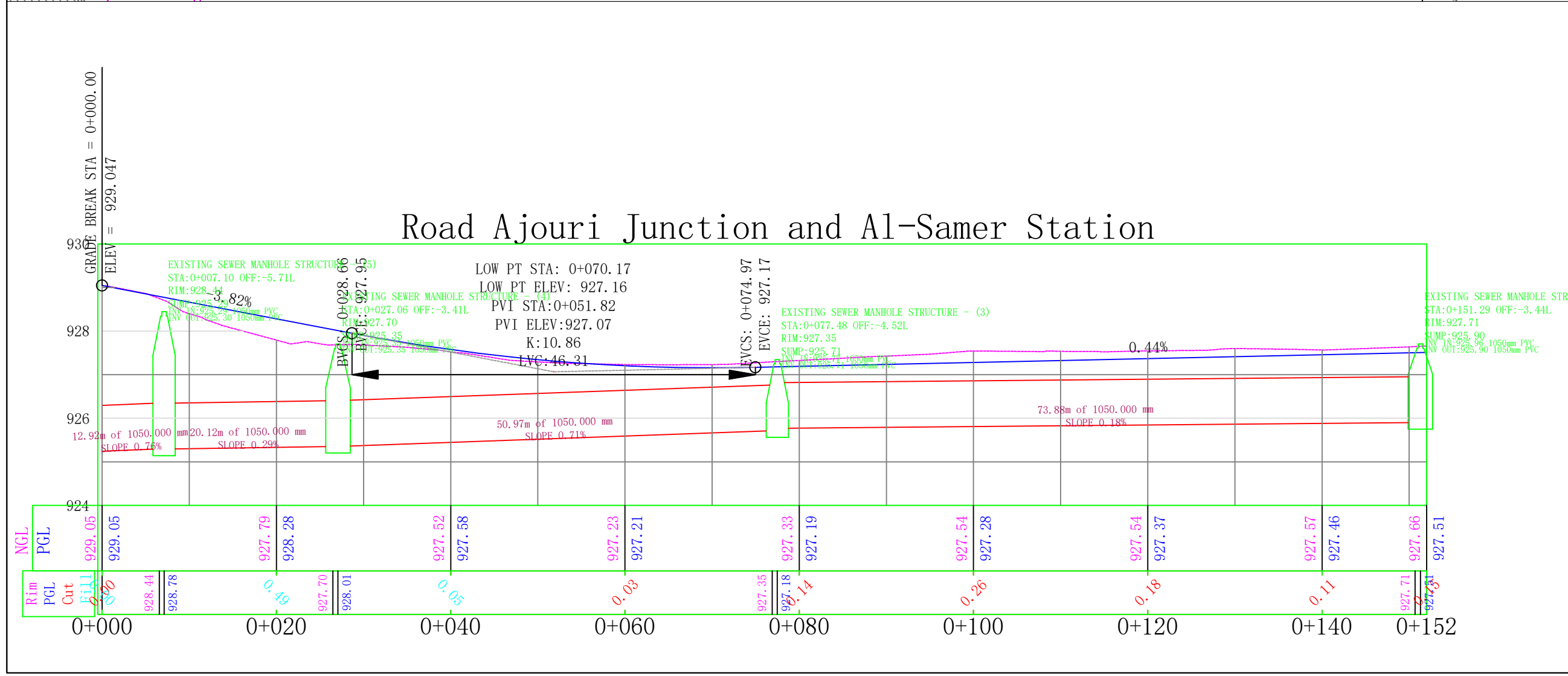
Drawing Details :
 PLAN & PROFILE

Designer Supervisor :
 Eng. Faydi Shabana Tamimi

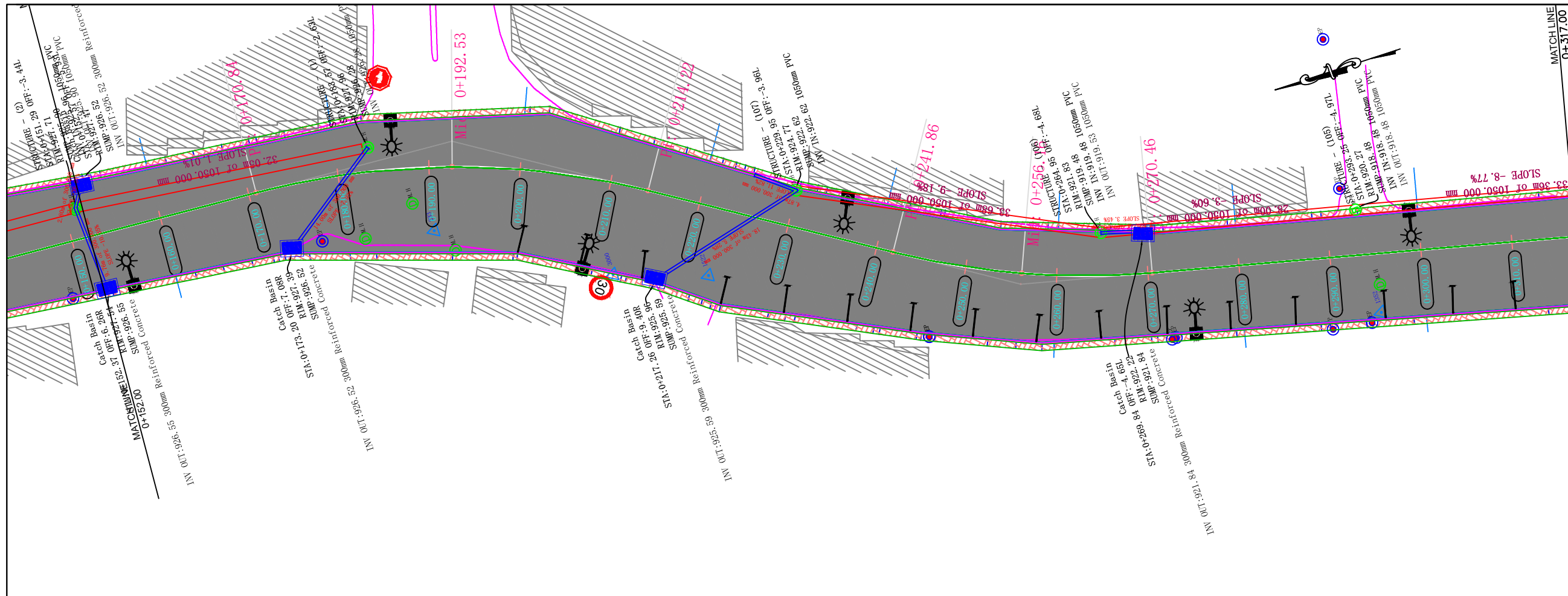
Designed by:
 1- Sana J Idais
 2- Bara'a Y Darawish

Scale: H: 1/500 V: 1/200

Date: May 2020
Drawing No.: 1



Road Ajouri Junction and Al-Samer Station



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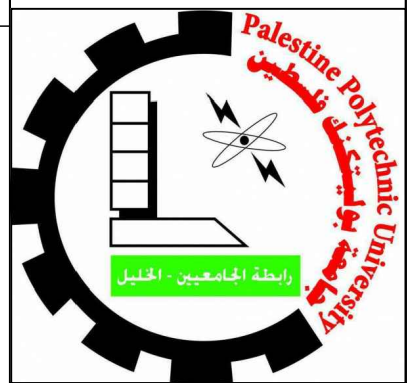
LEGEND AND ABBREVIATIONS

- R.O.W: Dashed blue line
- EXISTING ASPHALT ROAD: Dashed red line
- EXISTING CONCRETE WALL: Hatched area
- EXISTING BUILDING: Hatched area
- ELECTRIC POLE: Circle with lightning bolt
- TELEPHONE POLE: Circle with telephone handset
- EXISTING TREE: Green tree symbol
- EXISTING SEWER MANHOLE: Circle with 'S' and 'D'
- RECONSTRUCTION AREA: Grey shaded area
- SIDE WALK: Dashed yellow line
- Proposal Lighting Pole: Pole with light fixture
- NEW CATCH BASIN: Blue rectangle
- STORM WATER PIPE: Double blue line

LEGEND FOR PROFILE

- PGL: Solid blue line
- NGL: Solid pink line

Supervision:
 Palestine Polytechnic University



Design Drawing

Project Name:
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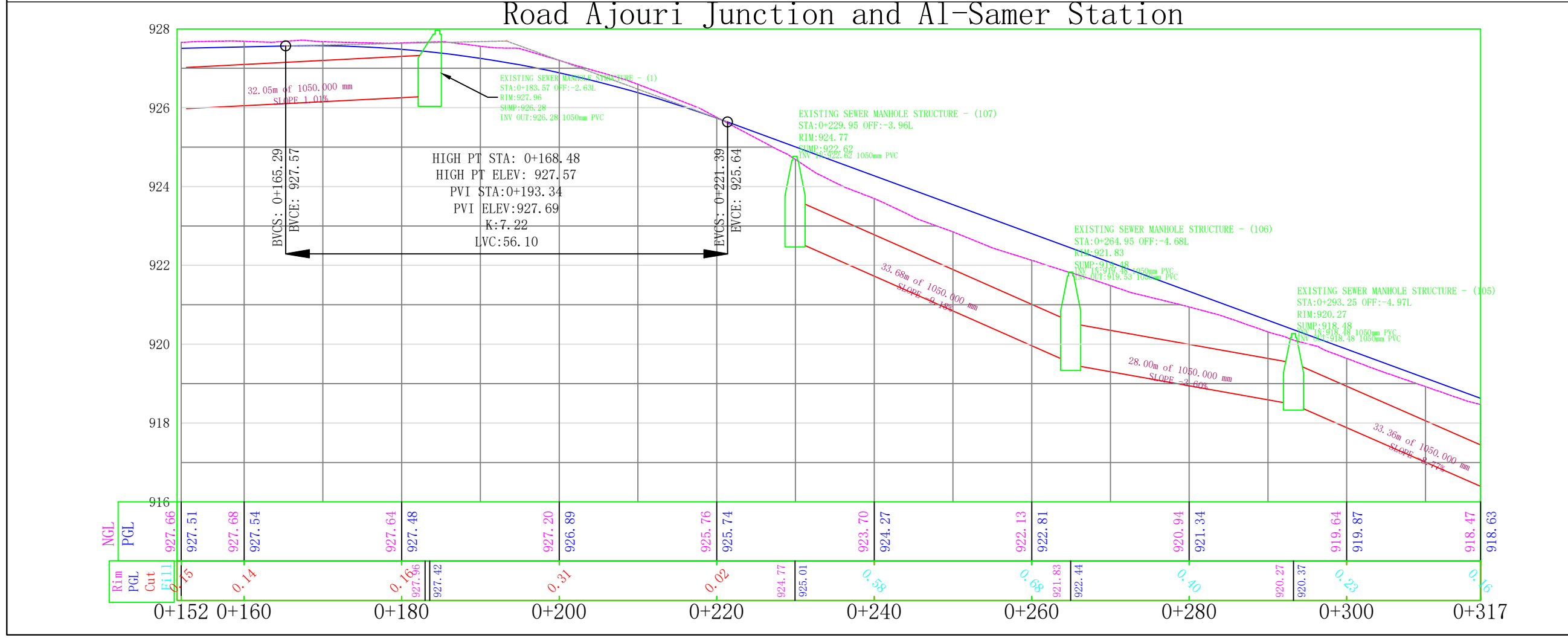
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 PLAN & PROFILE

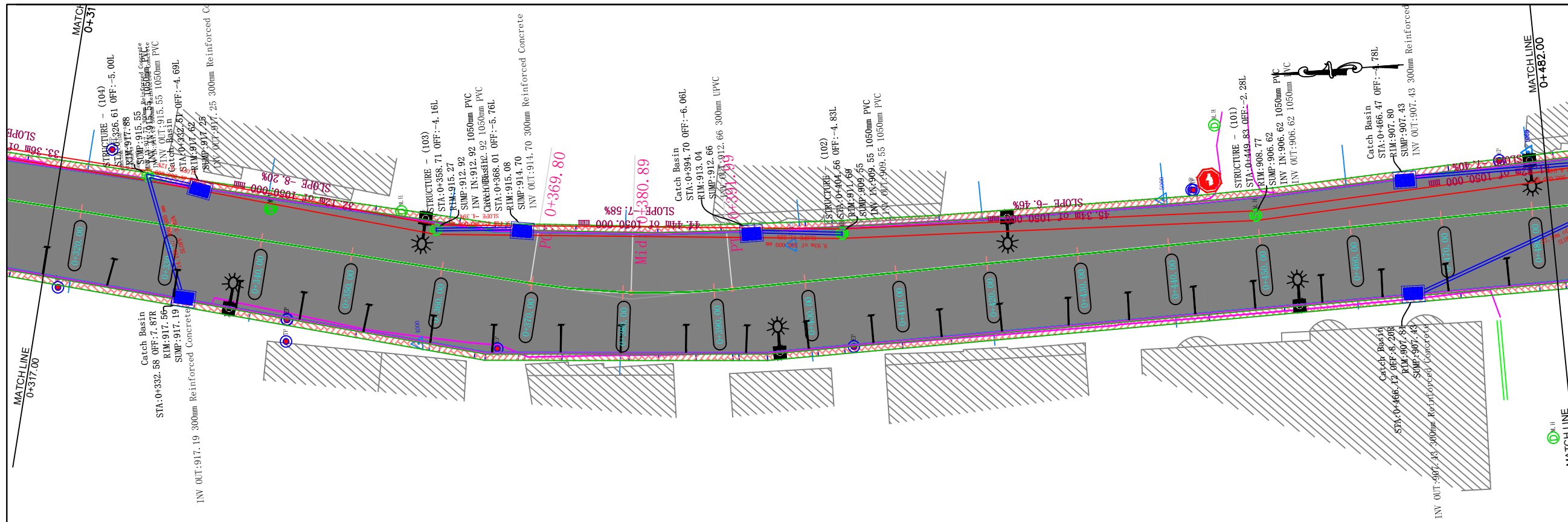
Designer Supervisor :
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Designed by:
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Scale: H: 1/500 V: 1/200

Date: May 2020
Drawing No.: 2





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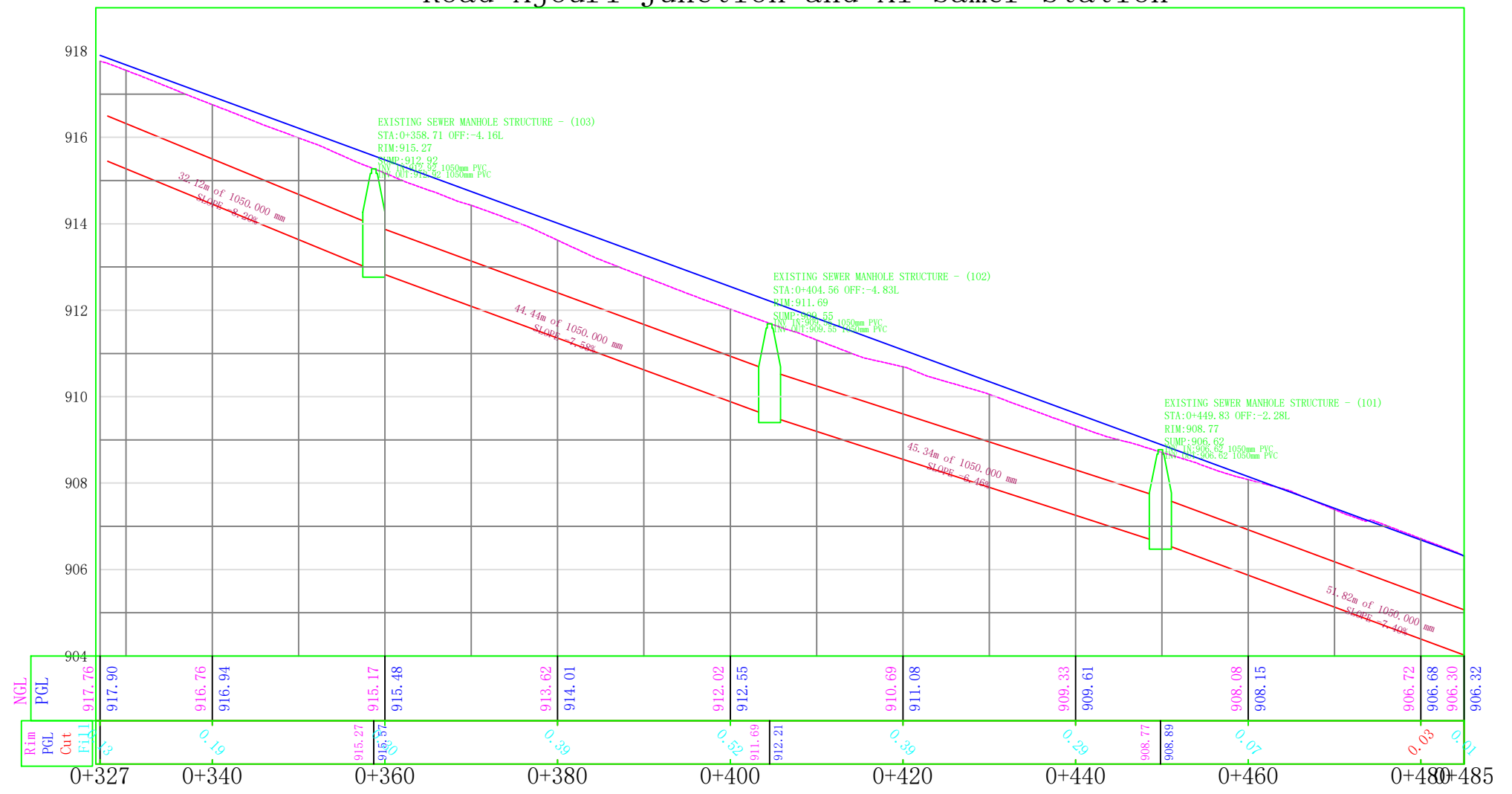
LEGEND AND ABBREVIATIONS

R.O.W	
EXISTING ASPHALT ROAD	
EXISTING CONCRETE WALL	
EXISTING BUILDING	
ELECTRIC POLE	
TELEPHONE POLE	
EXISTING TREE	
EXISTING SEWER MANHOLE	
RECONSTRUCTION AREA	
SIDE WALK	
Proposal Lighting Pole	
NEW CATCH BASIN	
STORM WATER PIPE	

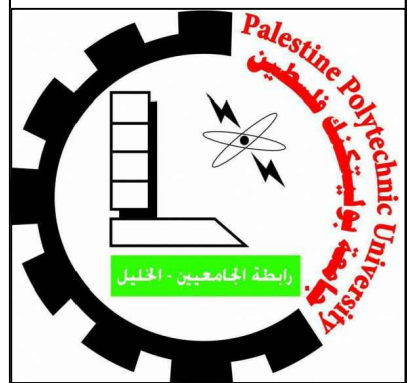
LEGEND FOR PROFILE

	PGL
	NGL

Road Ajouri Junction and Al-Samer Station



Supervision:
 Palestine Polytechnic University



Design Drawing

Project Name:
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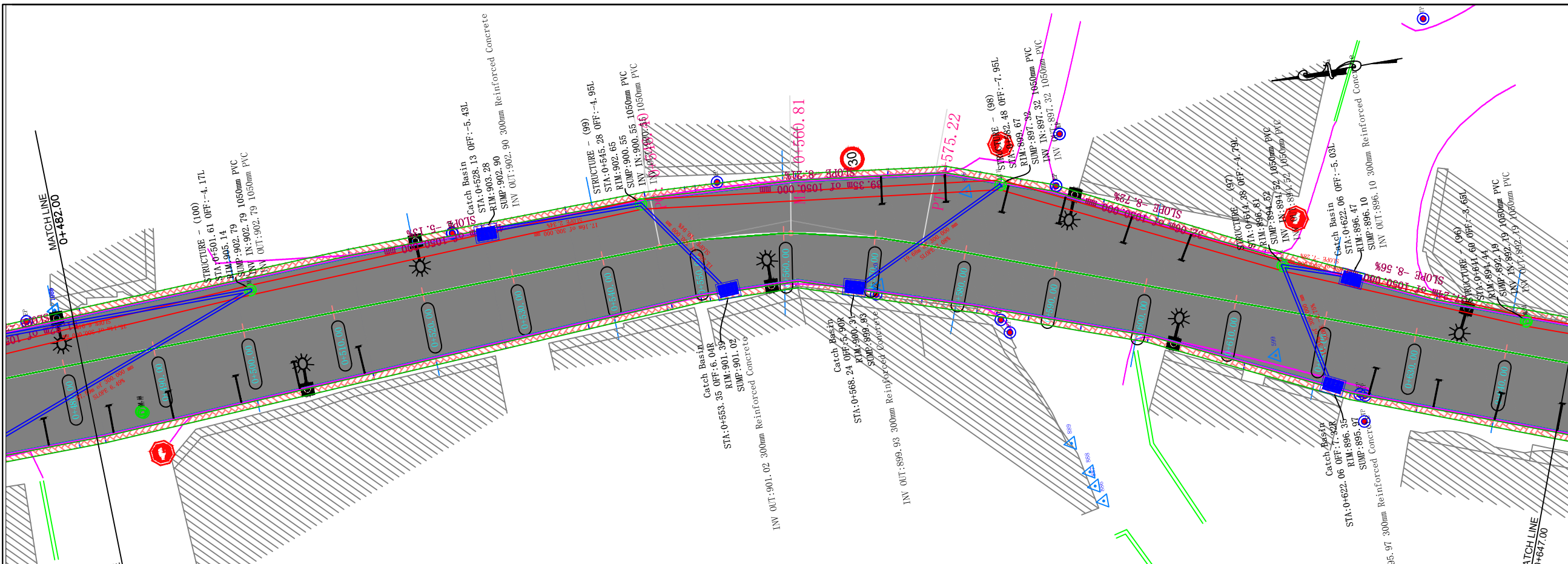
Drawing Details :
 PLAN & PROFILE

Designer Supervisor :
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Scale: H: 1/500 V: 1/200

Date: May 2020
Drawing No.: 3



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LEGEND AND ABBREVIATIONS

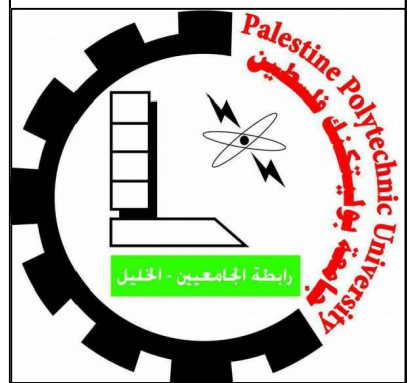
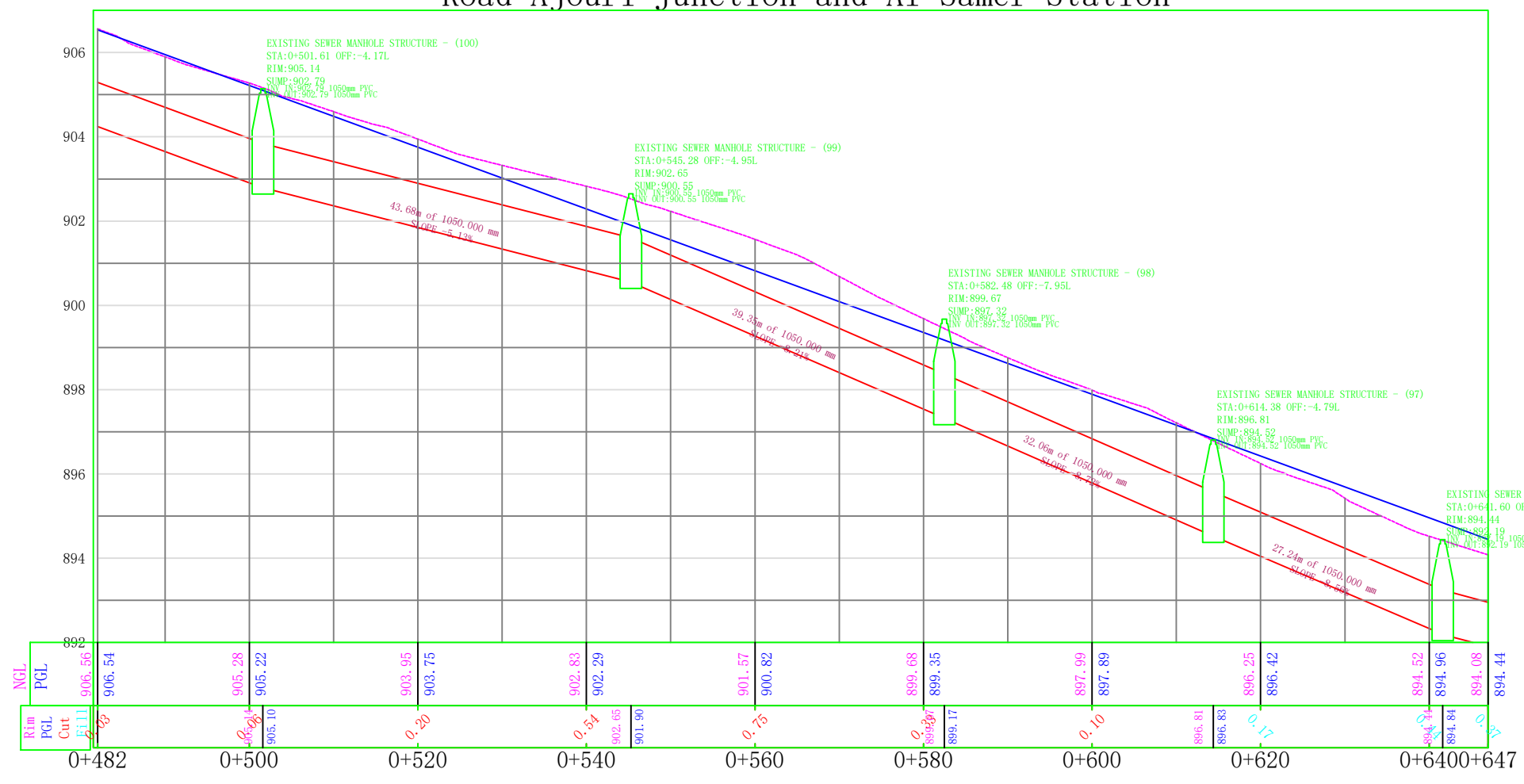
- R.O.W: Dashed blue line
- EXISTING ASPHALT ROAD: Dashed red line
- EXISTING CONCRETE WALL: Green line
- EXISTING BUILDING: Hatched area
- ELECTRIC POLE: Blue circle with 'E'
- TELEPHONE POLE: Blue circle with 'T'
- EXISTING TREE: Green tree symbol
- EXISTING SEWER MANHOLE: Green circle with 'S' and 'D'
- RECONSTRUCTION AREA: Grey hatched area
- SIDE WALK: Dashed yellow line
- Proposal Lighting Pole: Black pole with light
- NEW CATCH BASIN: Blue rectangle
- STORM WATER PIPE: Blue line

LEGEND FOR PROFILE

- PGL: Solid blue line
- NGL: Solid pink line

Supervision:
 Palestine Polytechnic University

Road Ajouri Junction and Al-Samer Station



Design Drawing

Project Name:
 Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

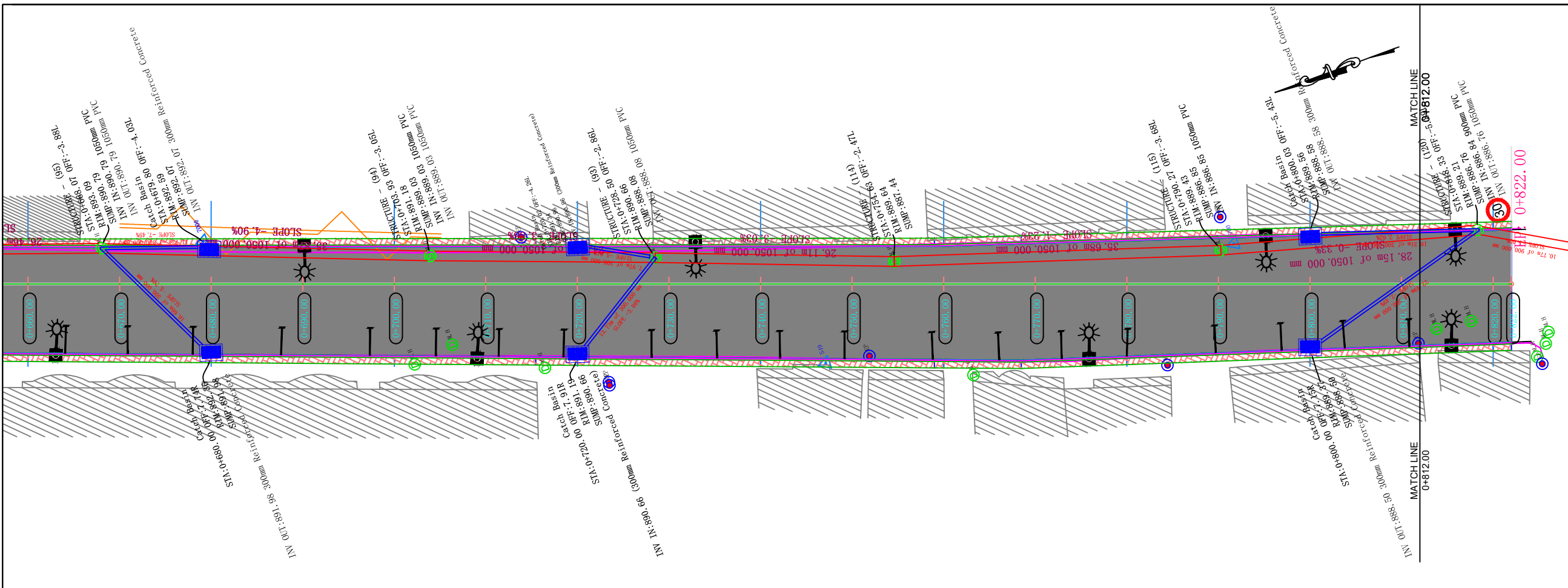
Drawing Details :
 PLAN & PROFILE

Designer Supervisor :
 Eng. Faydi Shabana Tamimi

Designed by:
 1- Sana J Idais
 2- Bar'a Y Darawish

Scale: H: 1/500 V: 1/200

Date: May 2020
Drawing No.: 4



NOTE:
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LEGEND AND ABBREVIATIONS

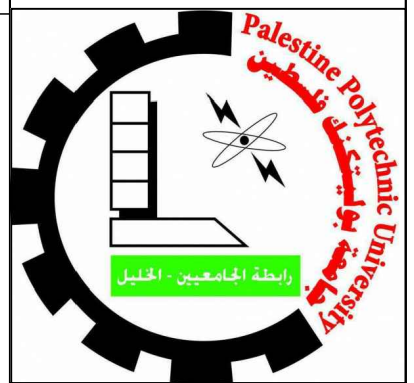
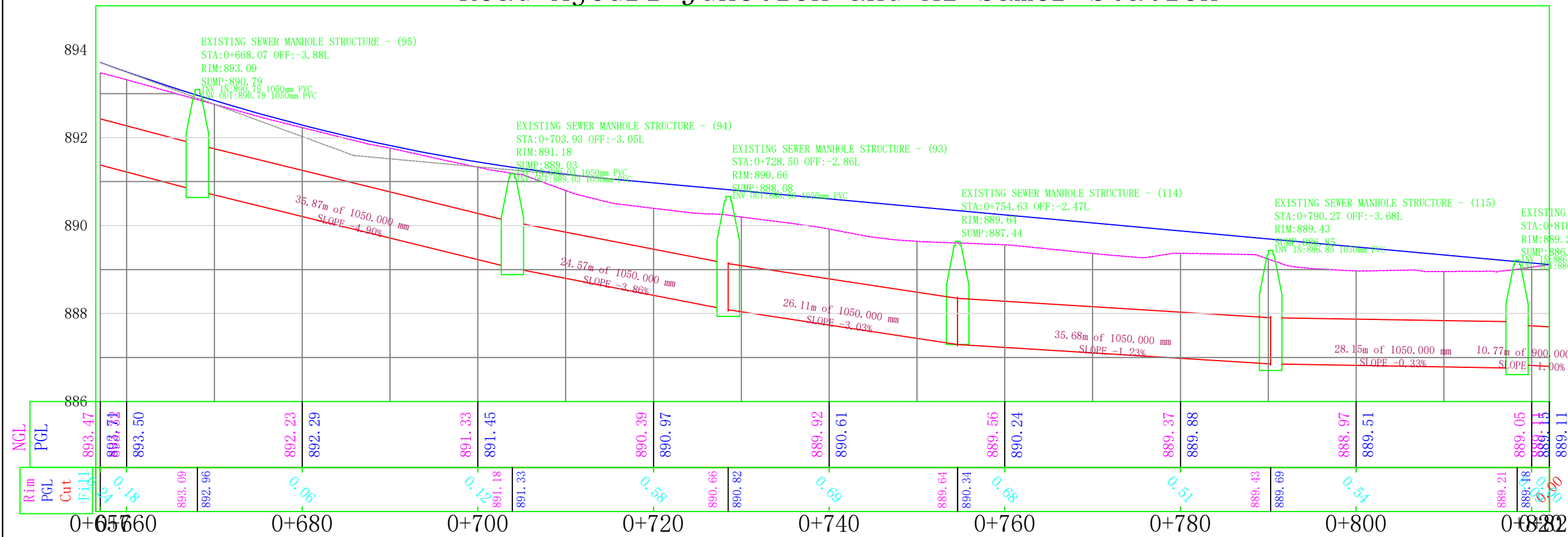
R.O.W	
EXISTING ASPHALT ROAD	
EXISTING CONCRETE WALL	
EXISTING BUILDING	
ELECTRIC POLE	
TELEPHONE POLE	
EXISTING TREE	
EXISTING SEWER MANHOLE	
RECONSTRUCTION AREA	
SIDE WALK	
Proposal Lighting Pole	
NEW CATCH BASIN	
STORM WATER PIPE	

LEGEND FOR PROFILE

	PGL
	NGL

Supervision:
 Palestine Polytechnic University

Road Ajouri Junction and Al-Samer Station



Design Drawing

Project Name:
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Drawing Details :
 PLAN & PROFILE

Designer Supervisor :
 Eng. Faydi Shabana Tamimi






Designed by:
 1- Sana J Idais
 2- Bara'a Y Darawish

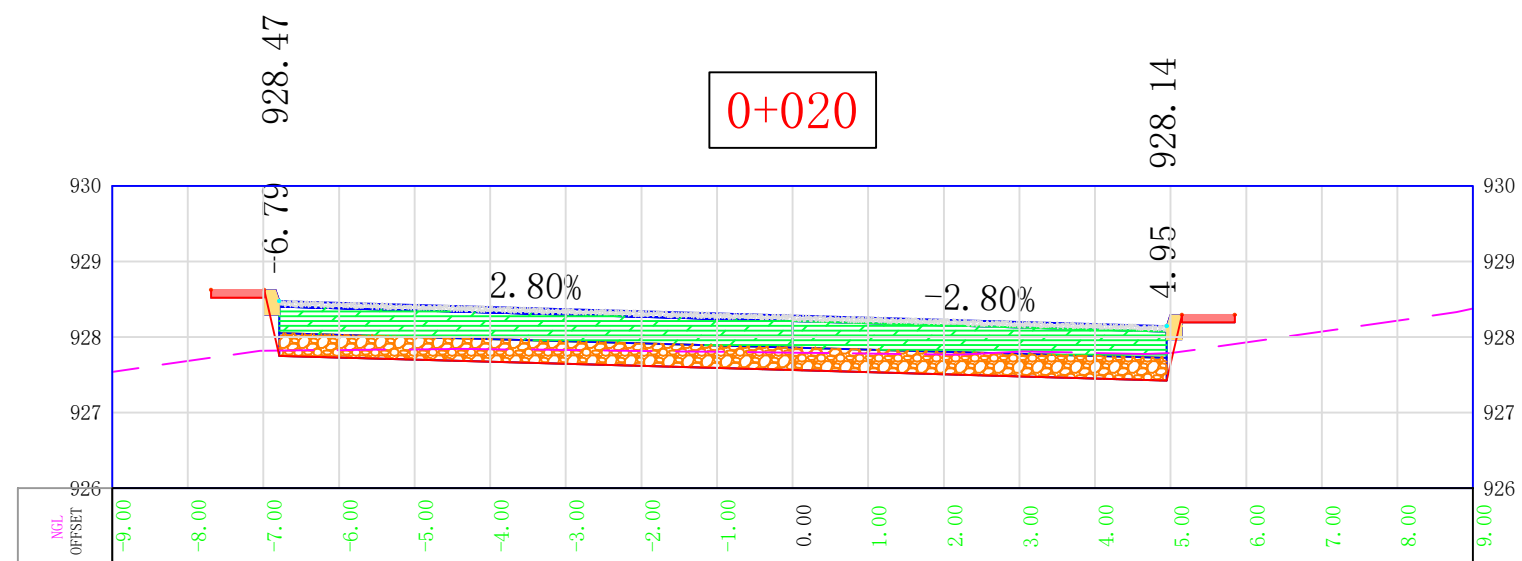
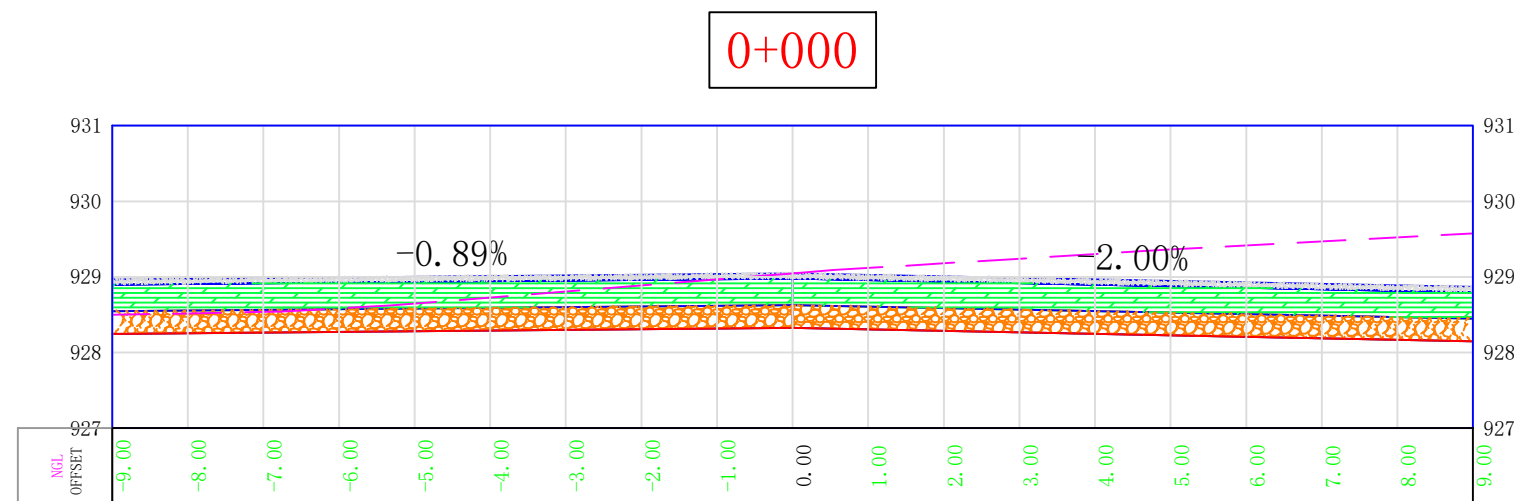
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Date: May 2020
Drawing No.: 5

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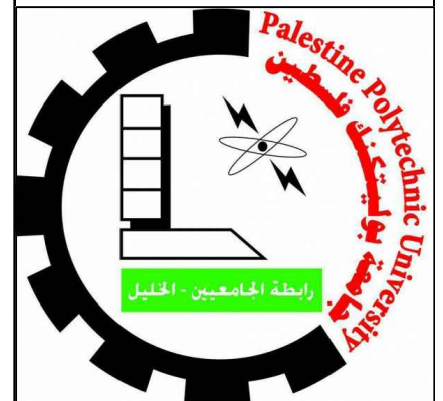
LEGEND AND ABBREVIATIONS

-  **Asphalt**
-  **BASECOURS**
-  **SUB BASE**
-  **CUR**
-  **Side wake**



Supervision:

Palestine Polytechnic University



Design Drawing

Project Name:

Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

Drawing Details :

Cross section

Designer Supervisor :

Eng. Faydi Shabana Tamimi

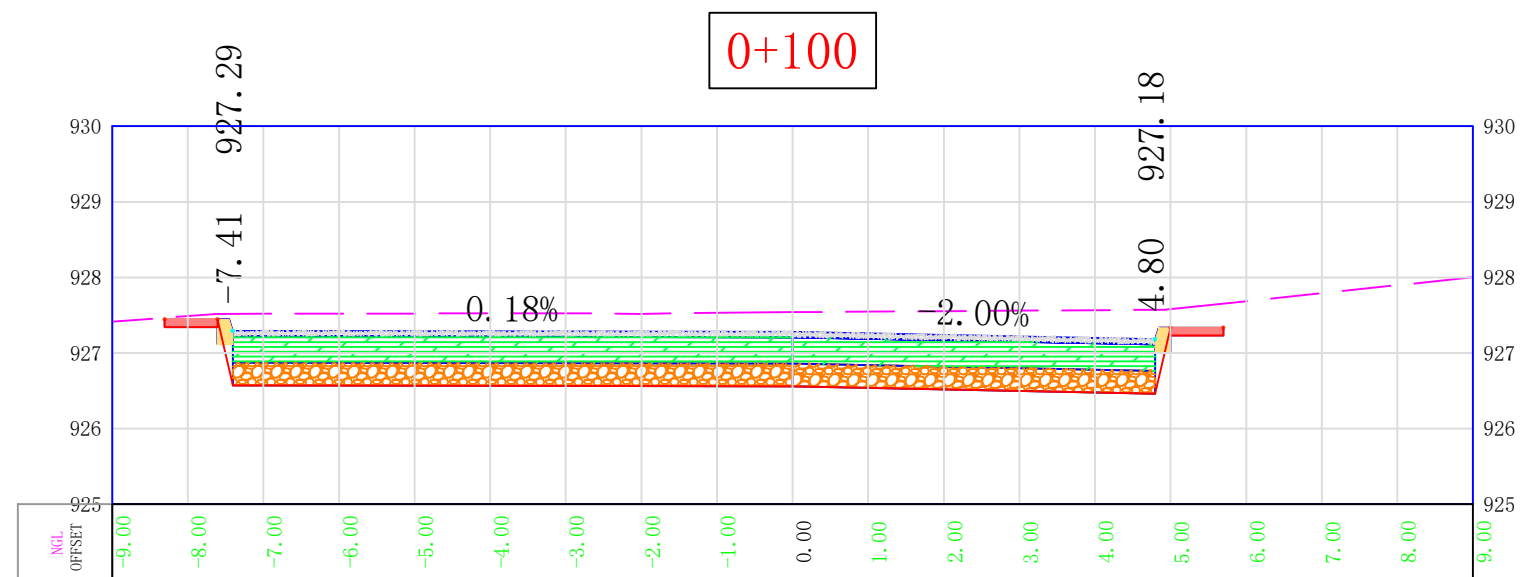
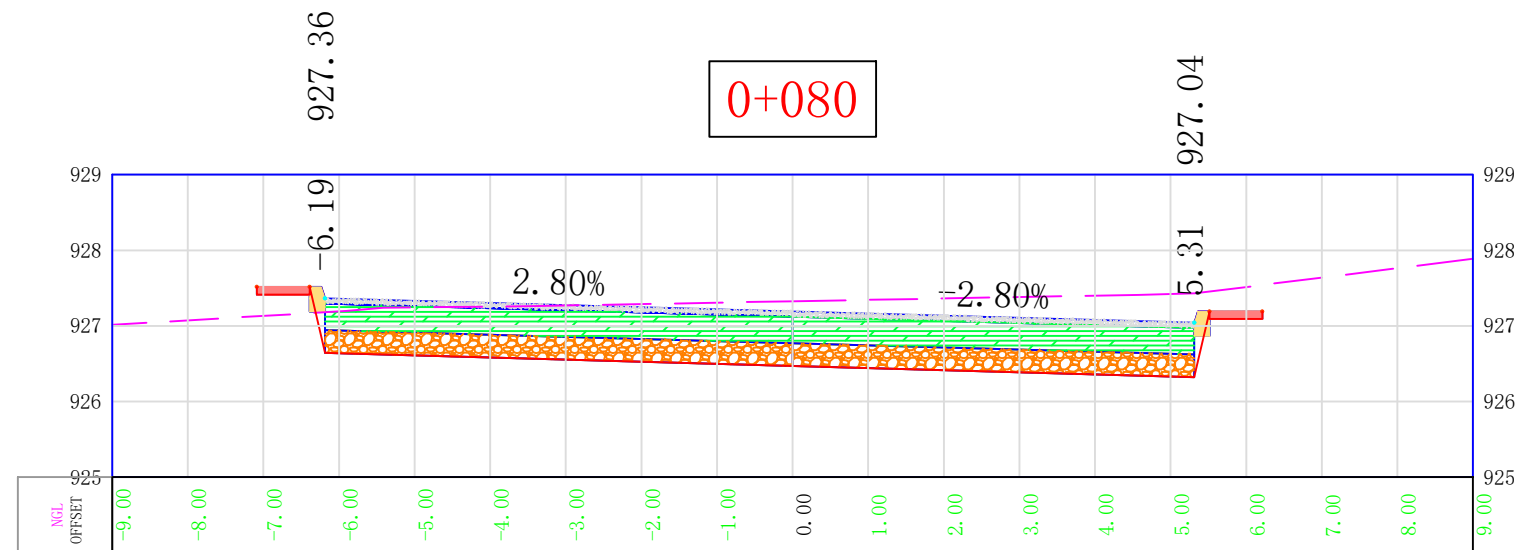
Designed by:

- 1- Sana J Idais
- 2- Bara'a Y Darawish

Scale: 1/100

Date: May 2020






Drawing No.:



NOTE:

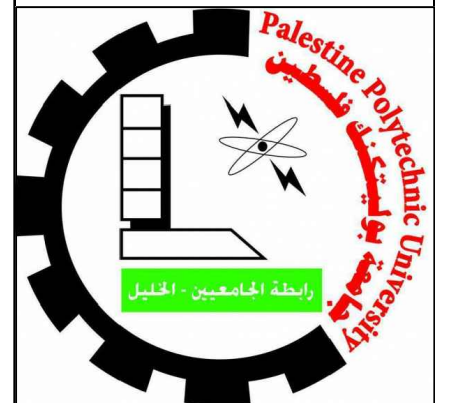
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LEGEND AND ABBREVIATIONS

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Supervision:

Palestine Polytechnic University



Design Drawing

Project Name:

Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

Drawing Details :

Cross section

Designer Supervisor :

Eng. Faydi Shabana Tamimi

Designed by:

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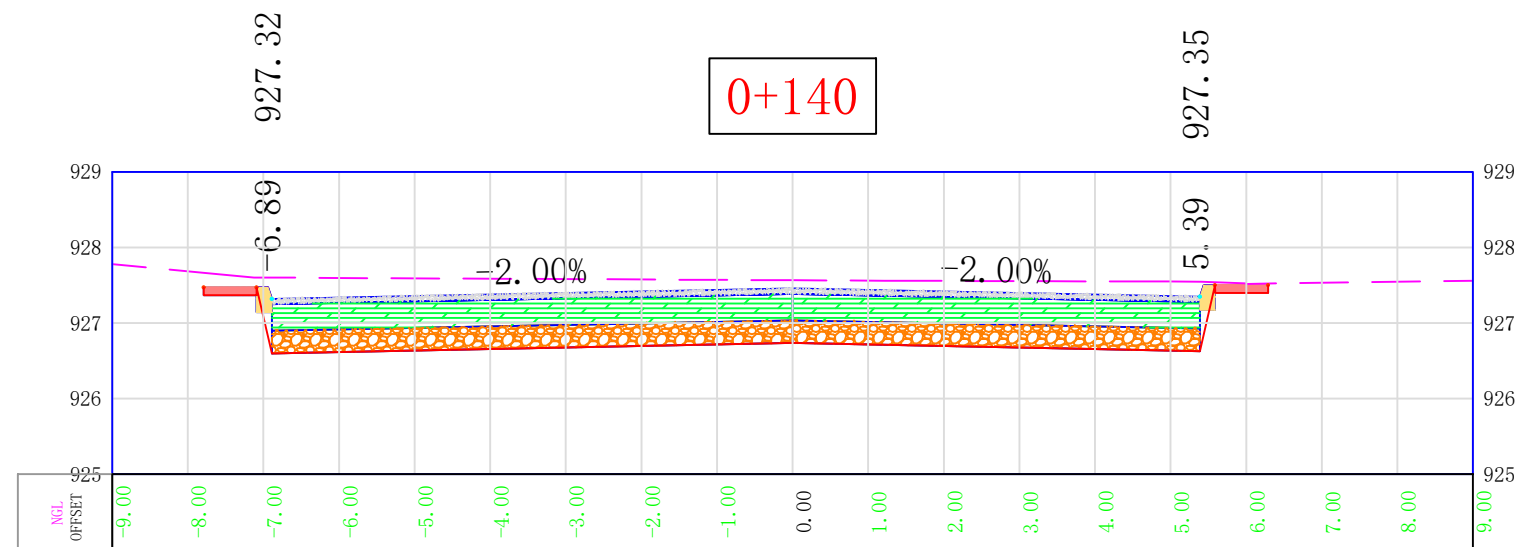
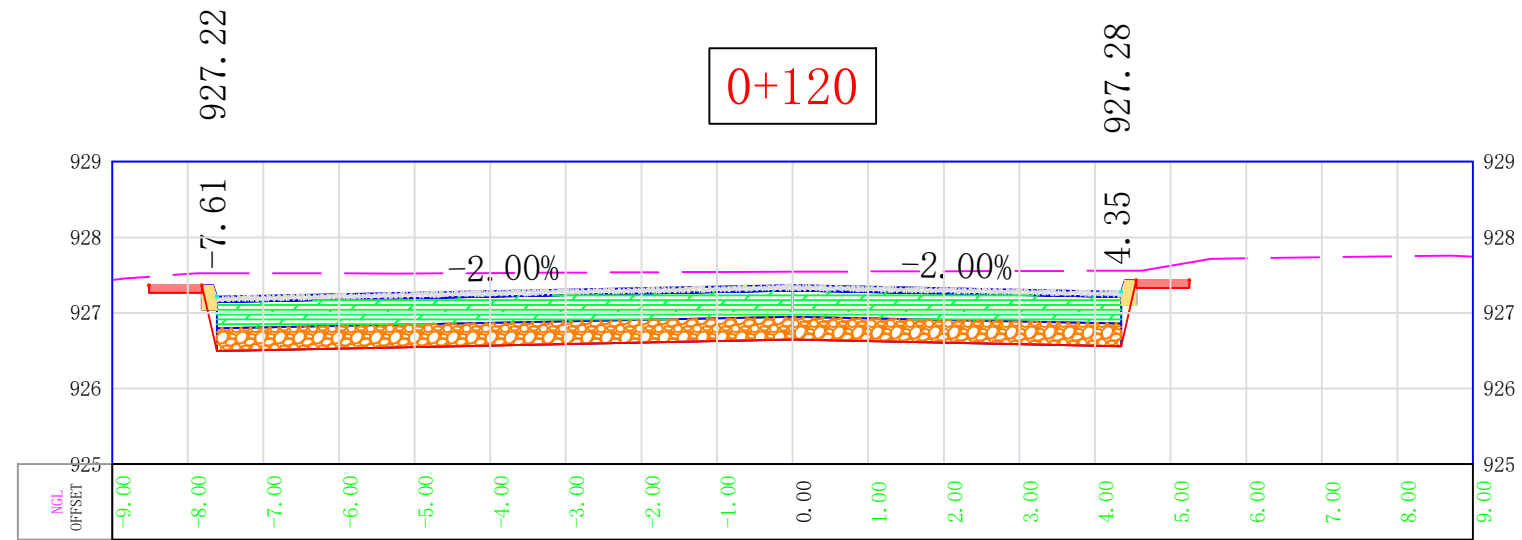
Scale:

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Date:

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Drawing No.:



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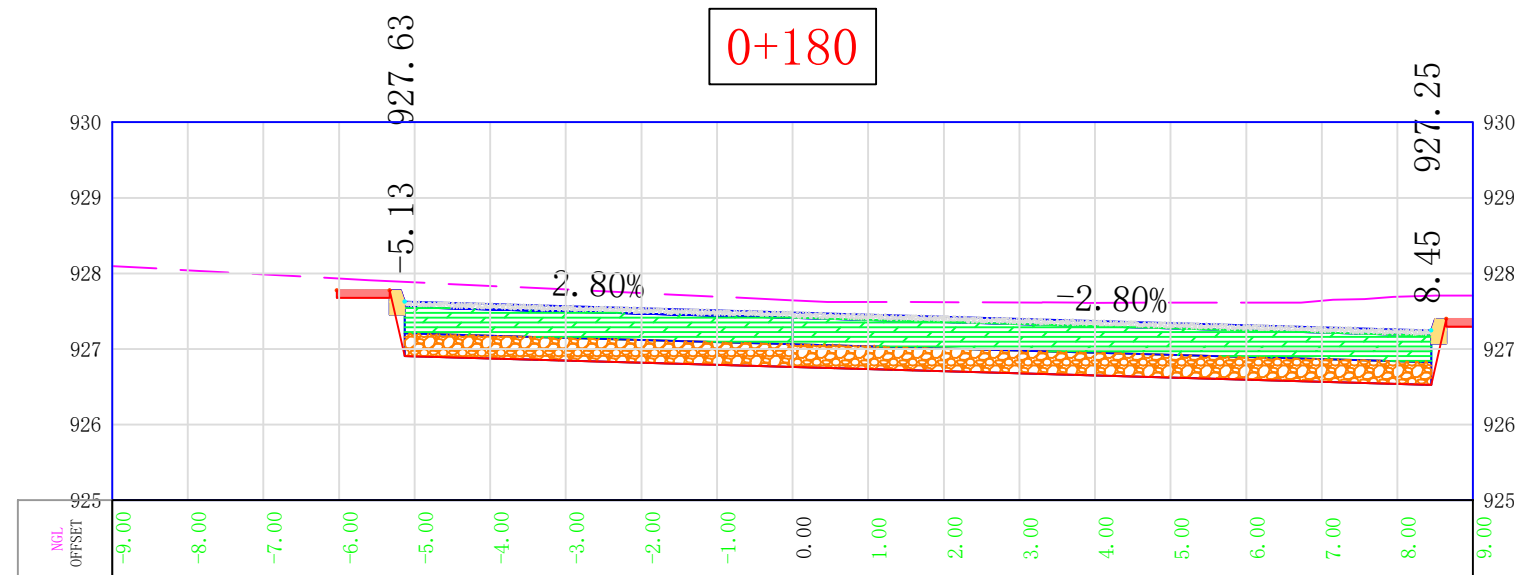
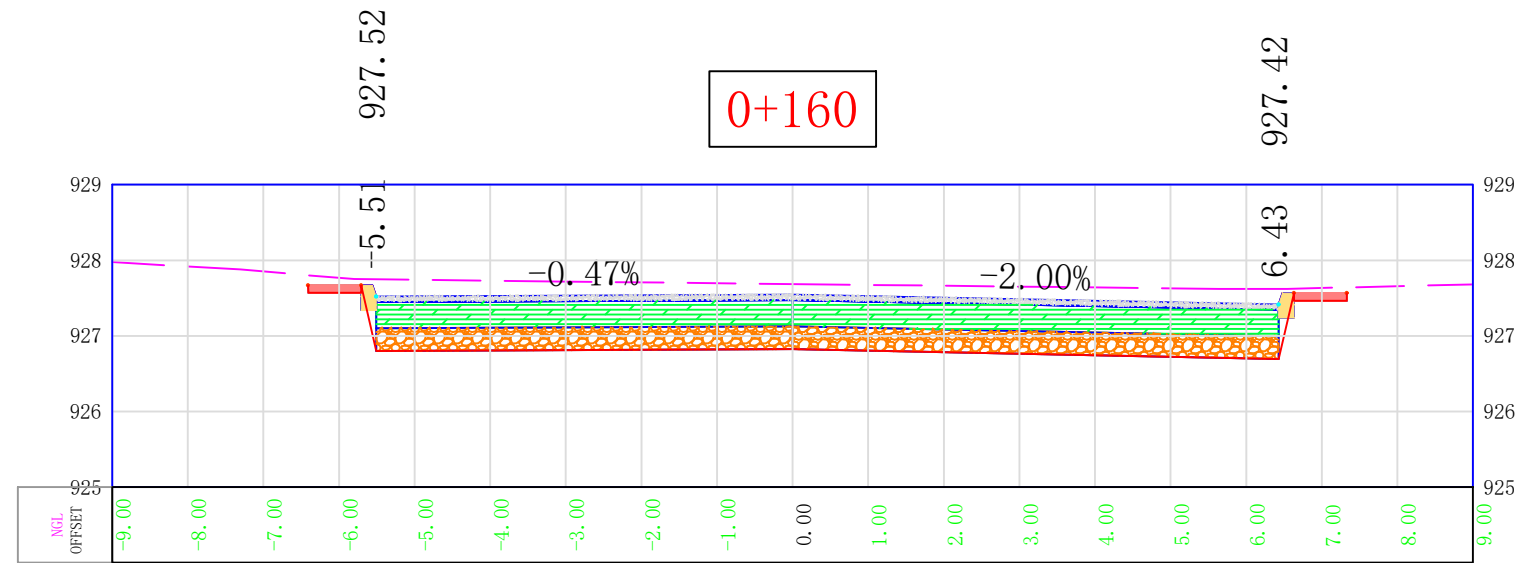
Drawing Details :
Cross section

Designer Supervisor :
Eng. Faydi Shabana Tamimi

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Scale: 1/100






Date: May 2020 **Drawing No.:**



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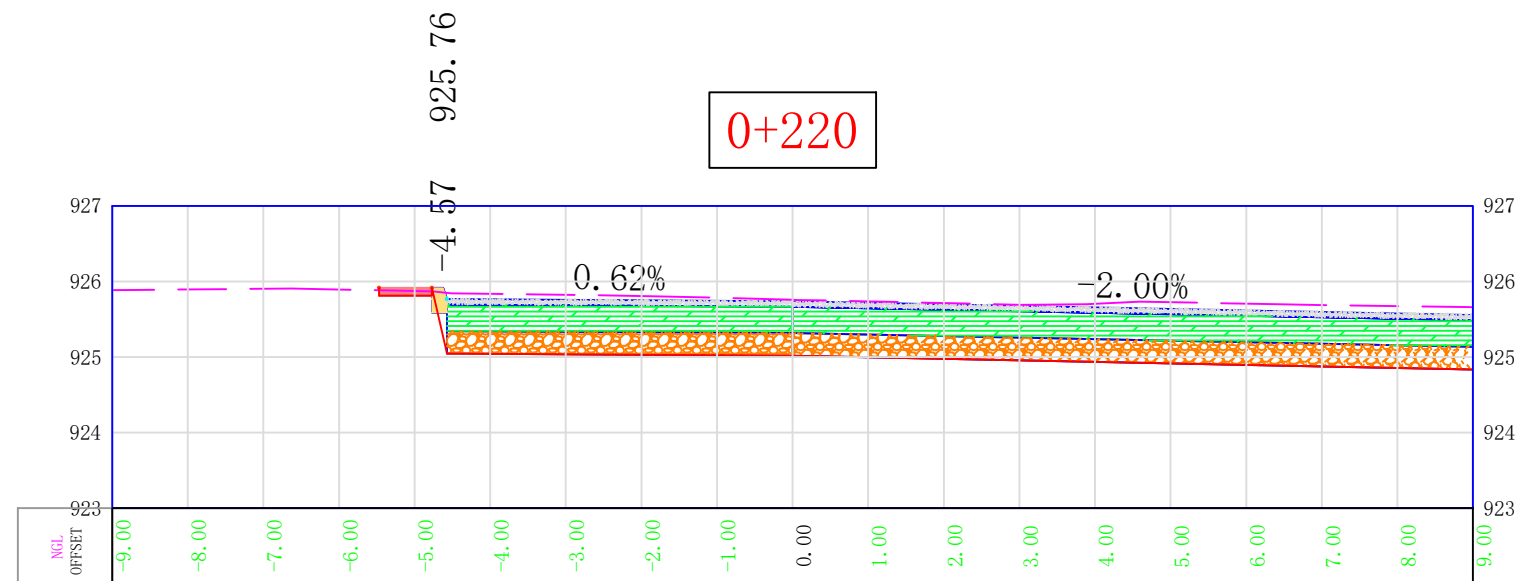
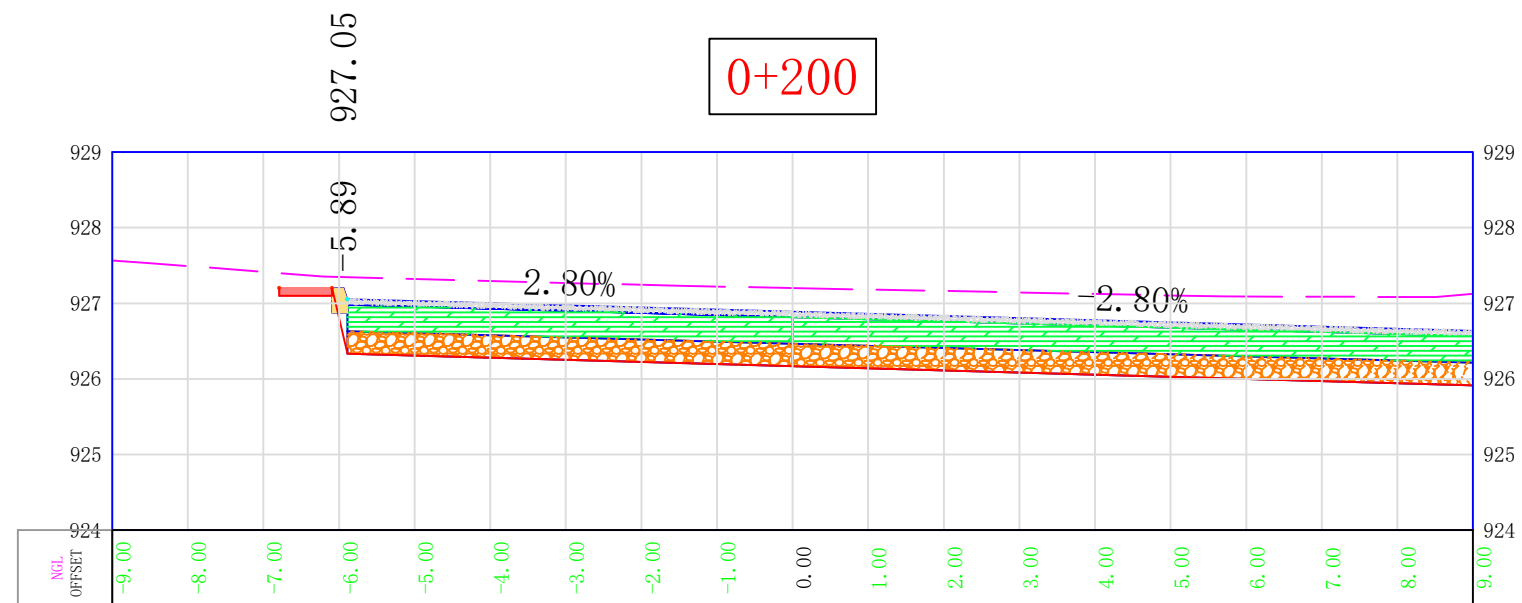
Drawing Details :
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



Date: May 2020
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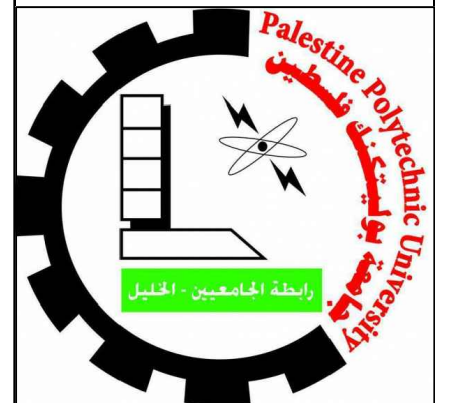
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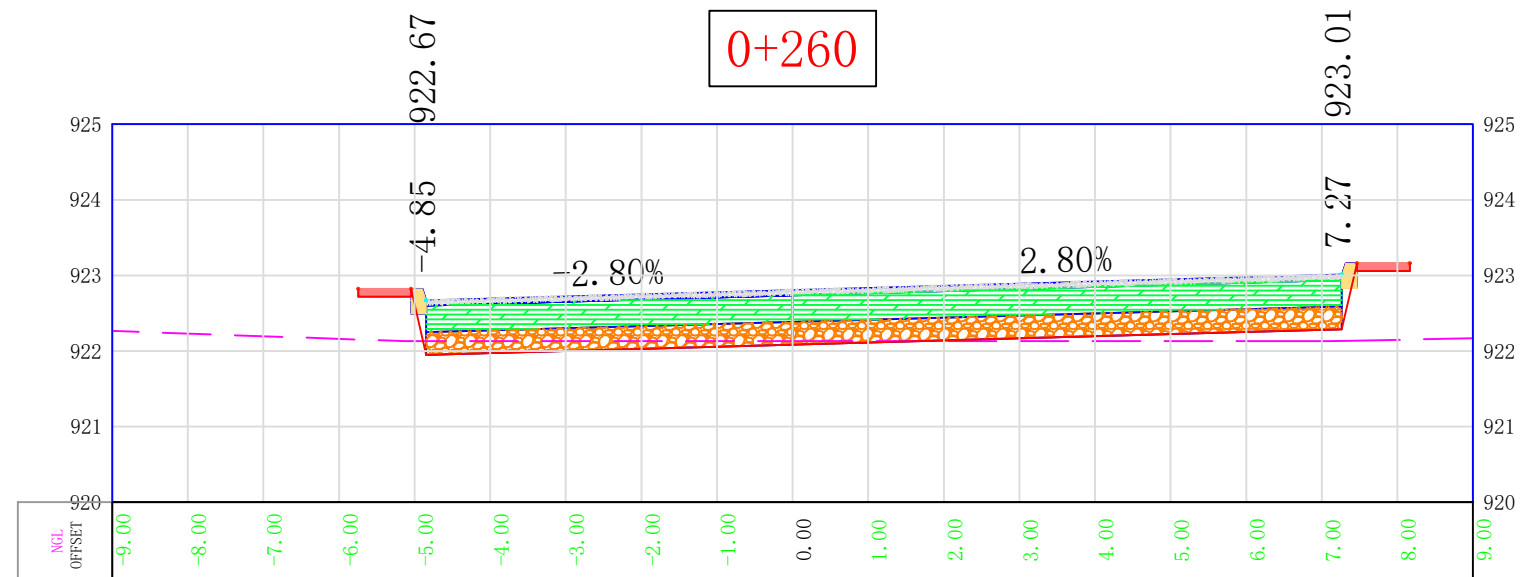
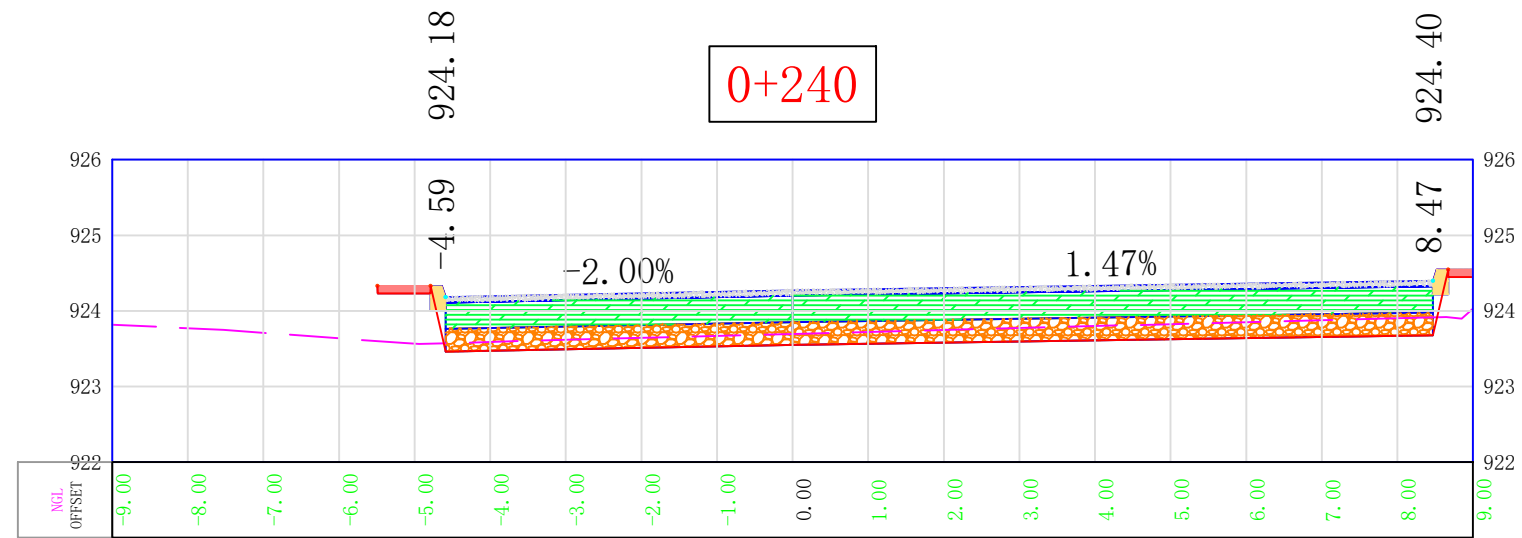
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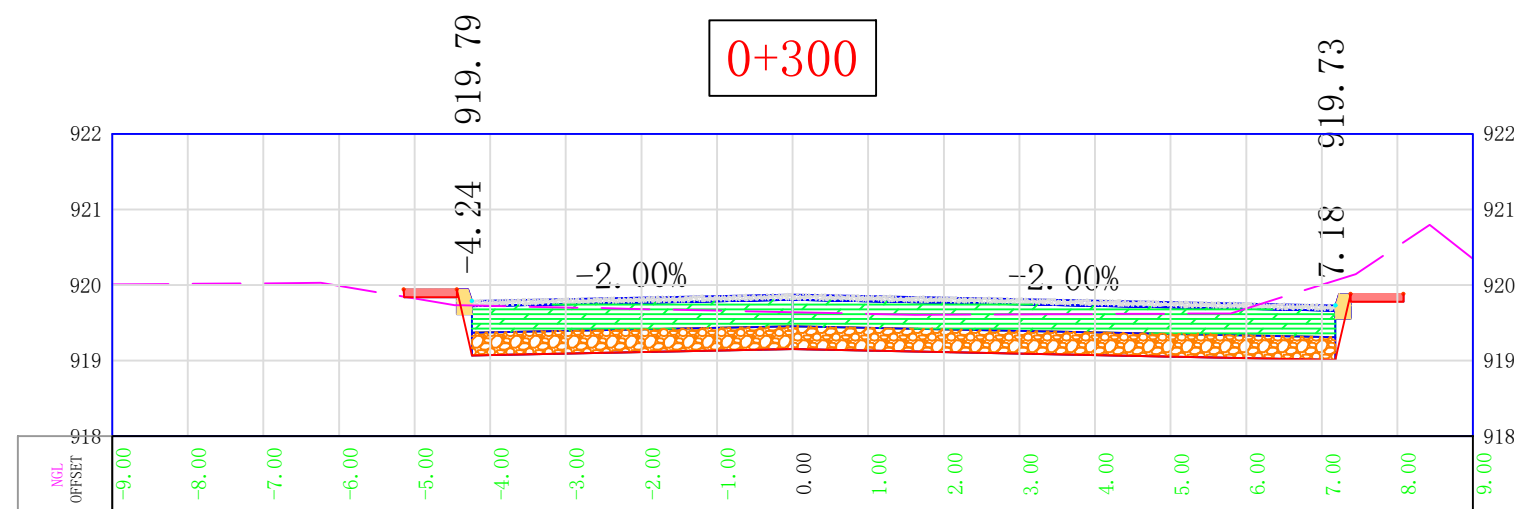
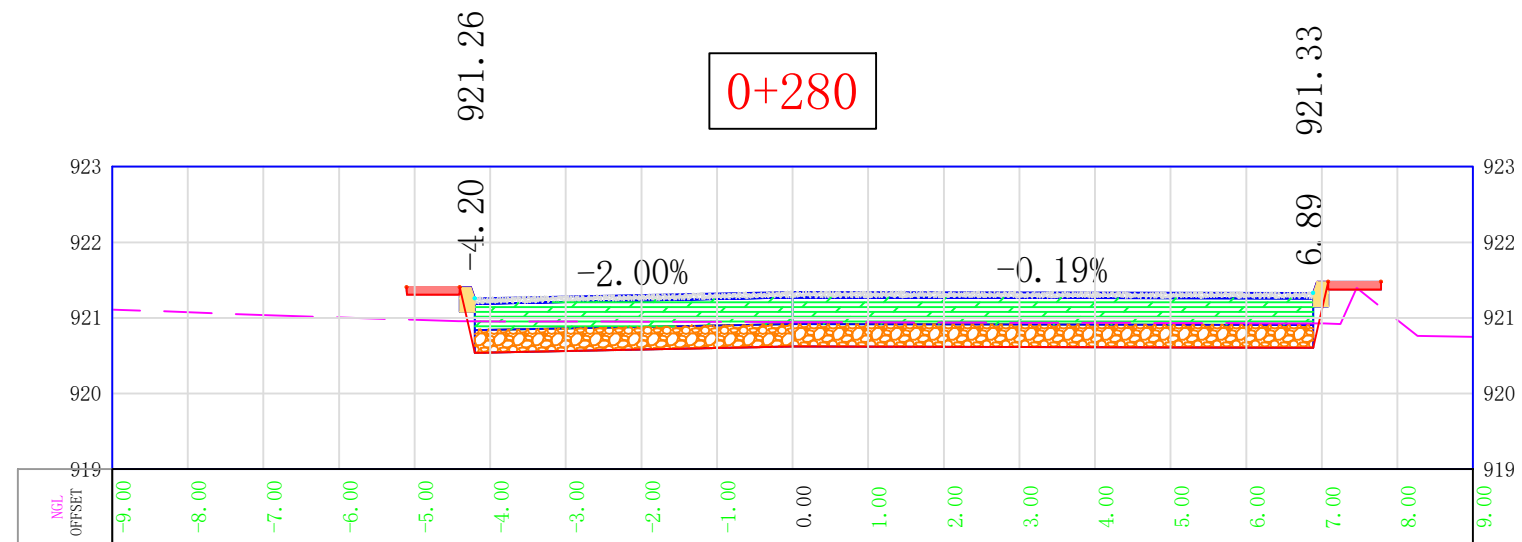
Drawing Details :
Cross section

Designer Supervisor :
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Scale: 1/100






Date: May 2020 **Drawing No.:**



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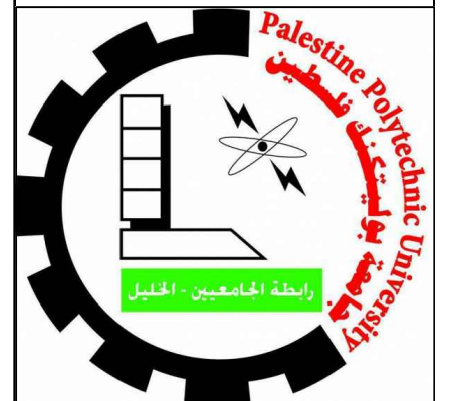
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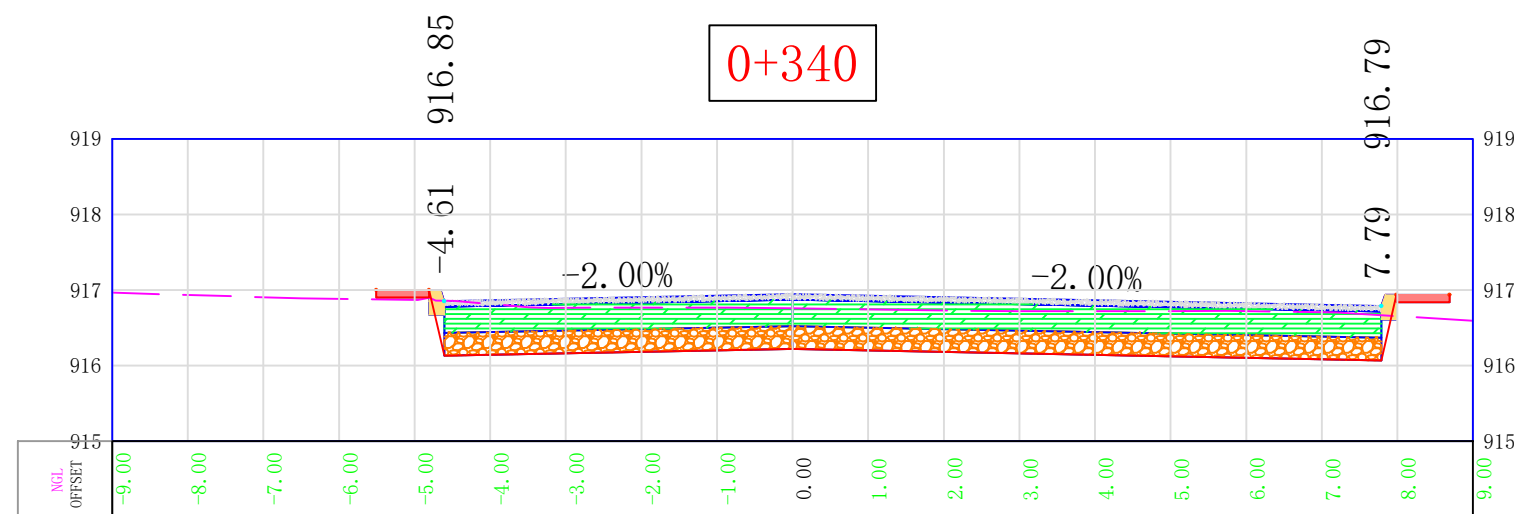
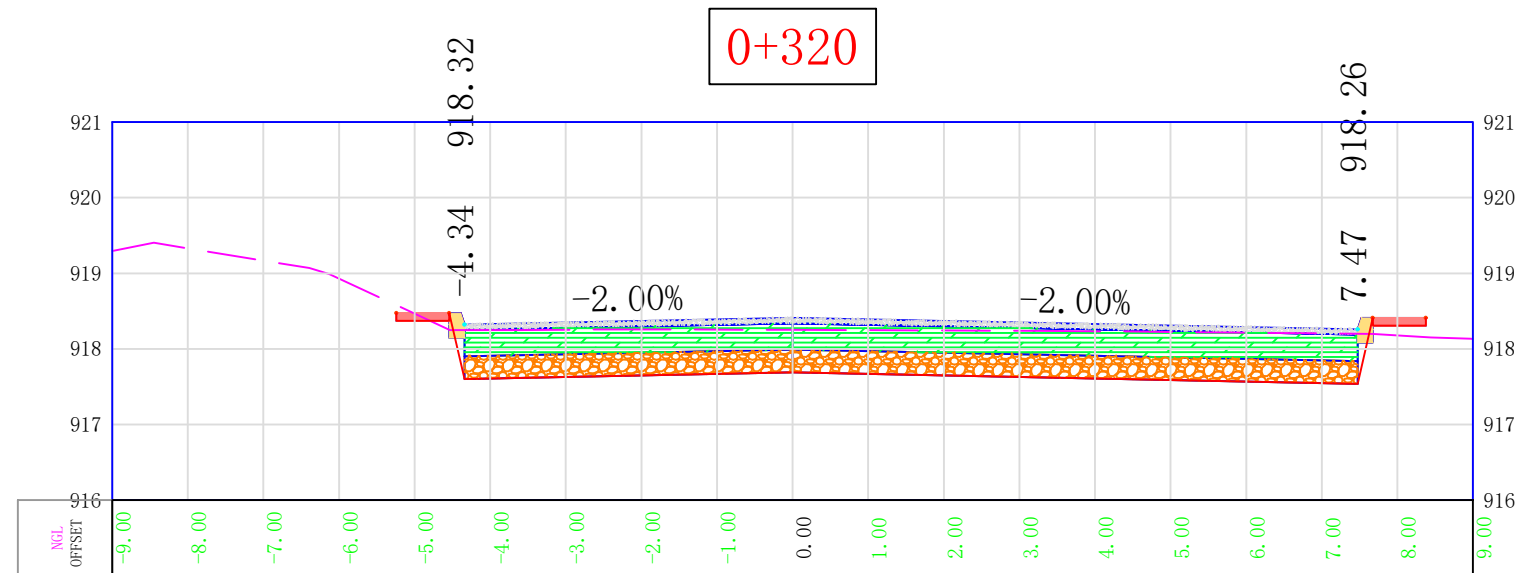
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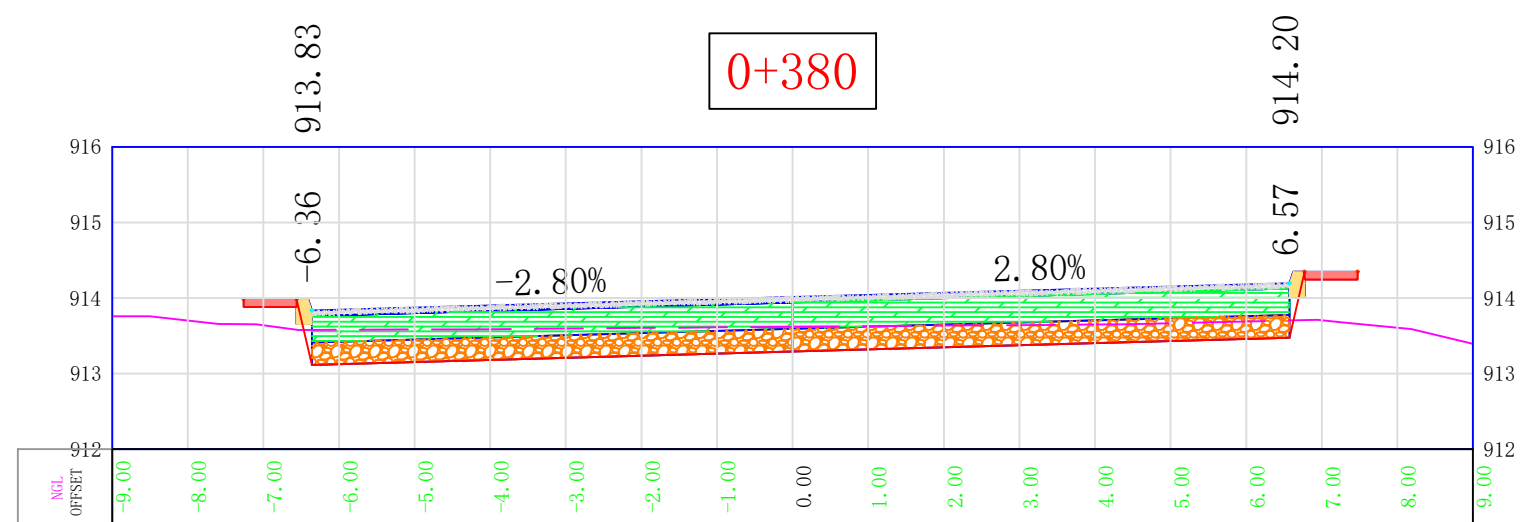
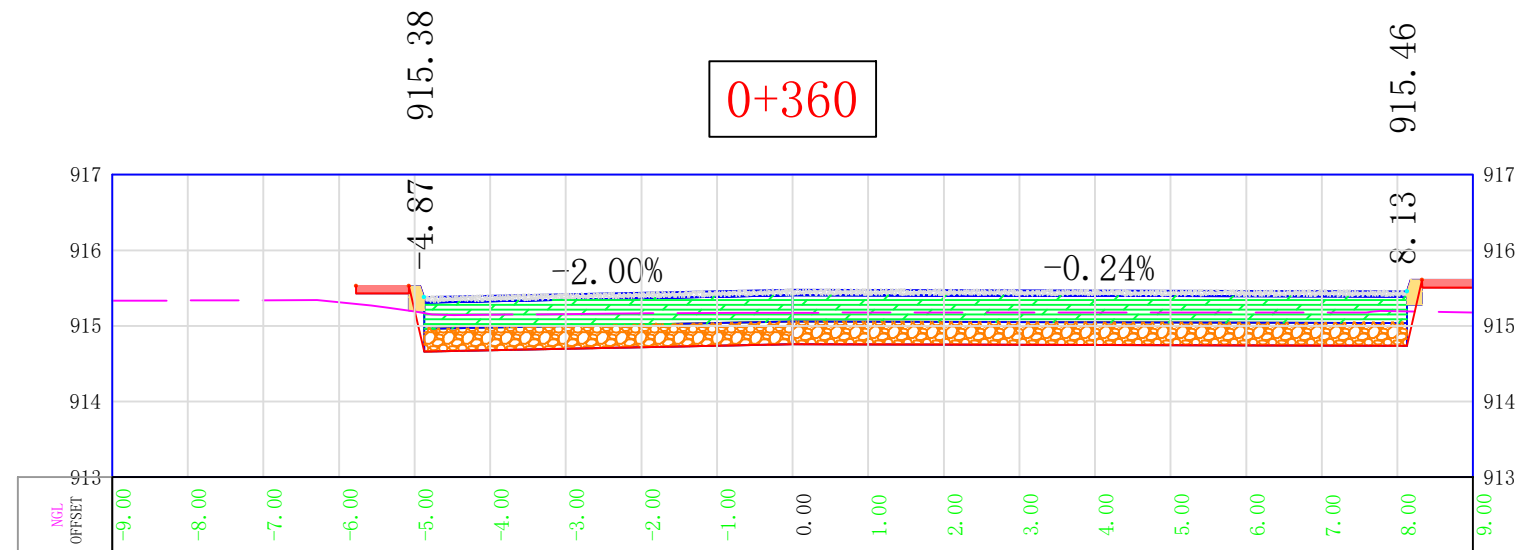
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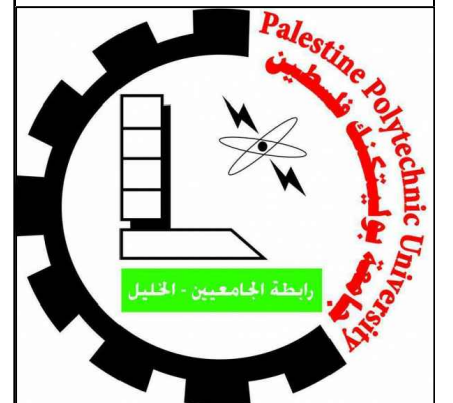
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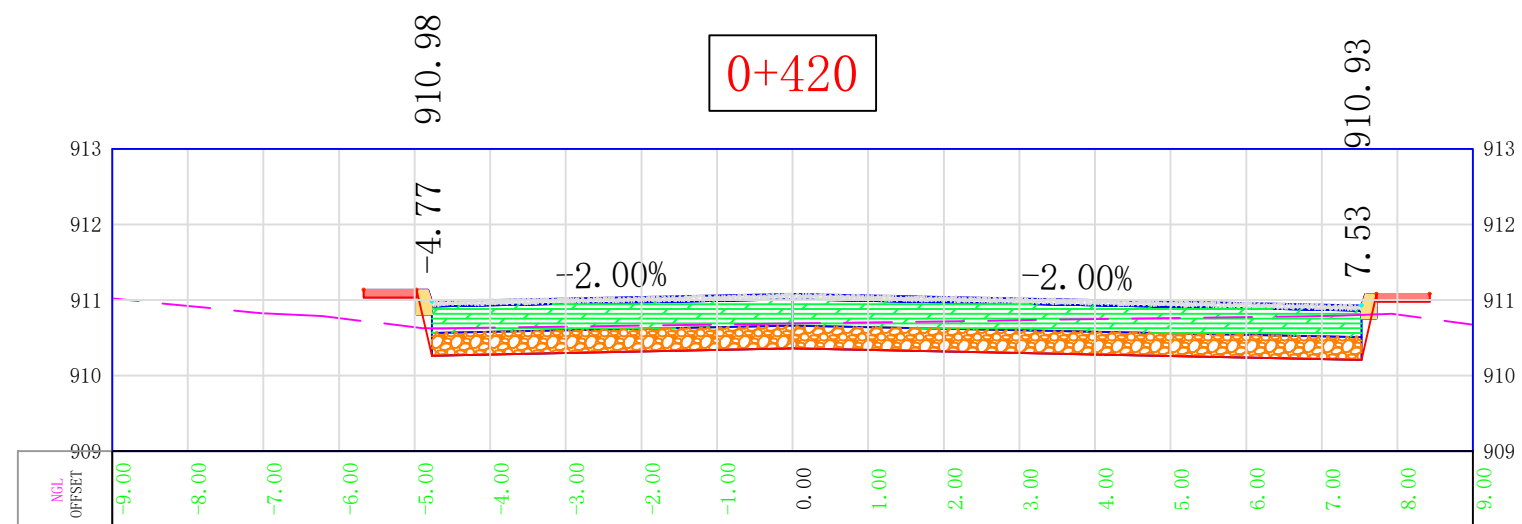
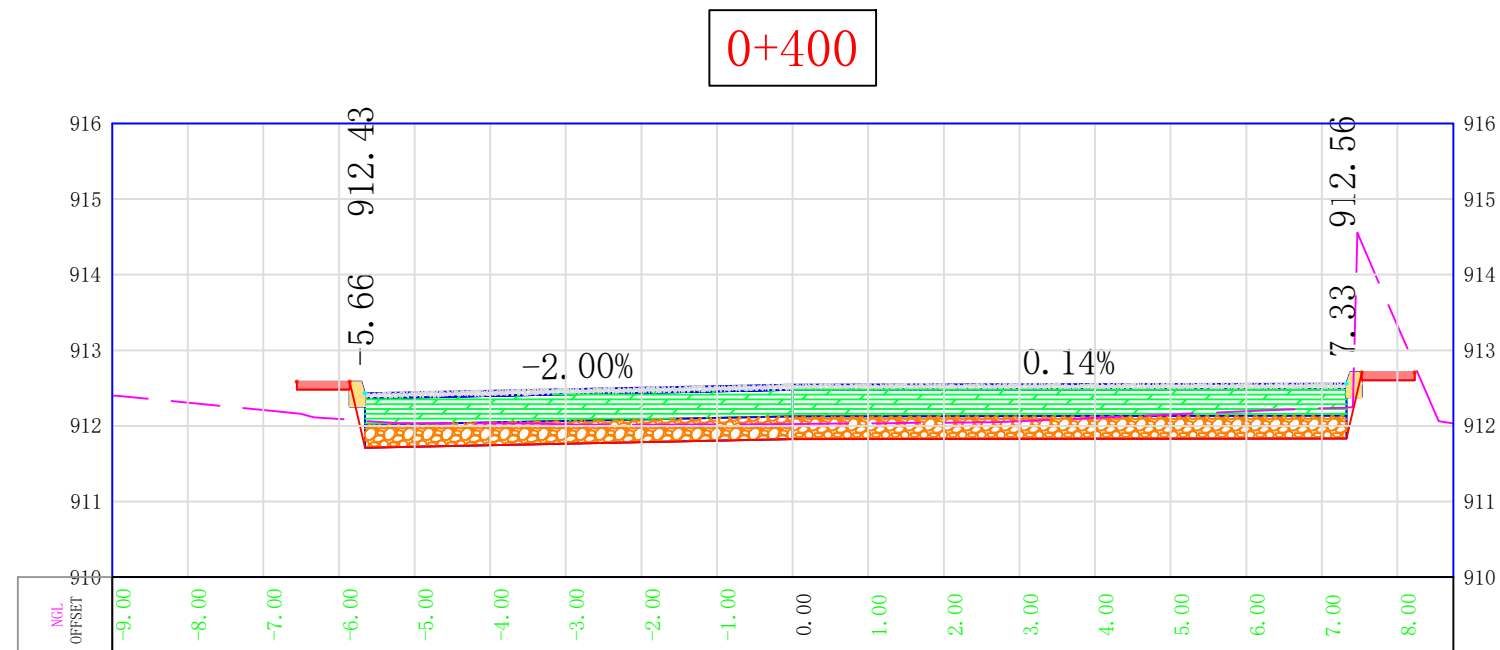
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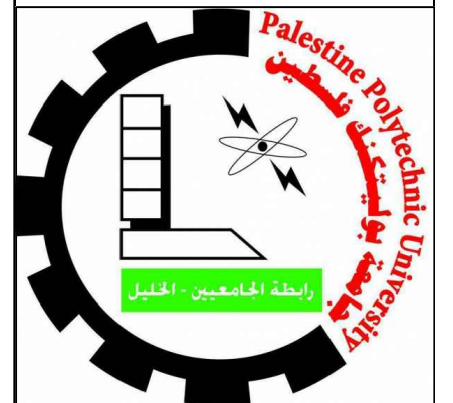
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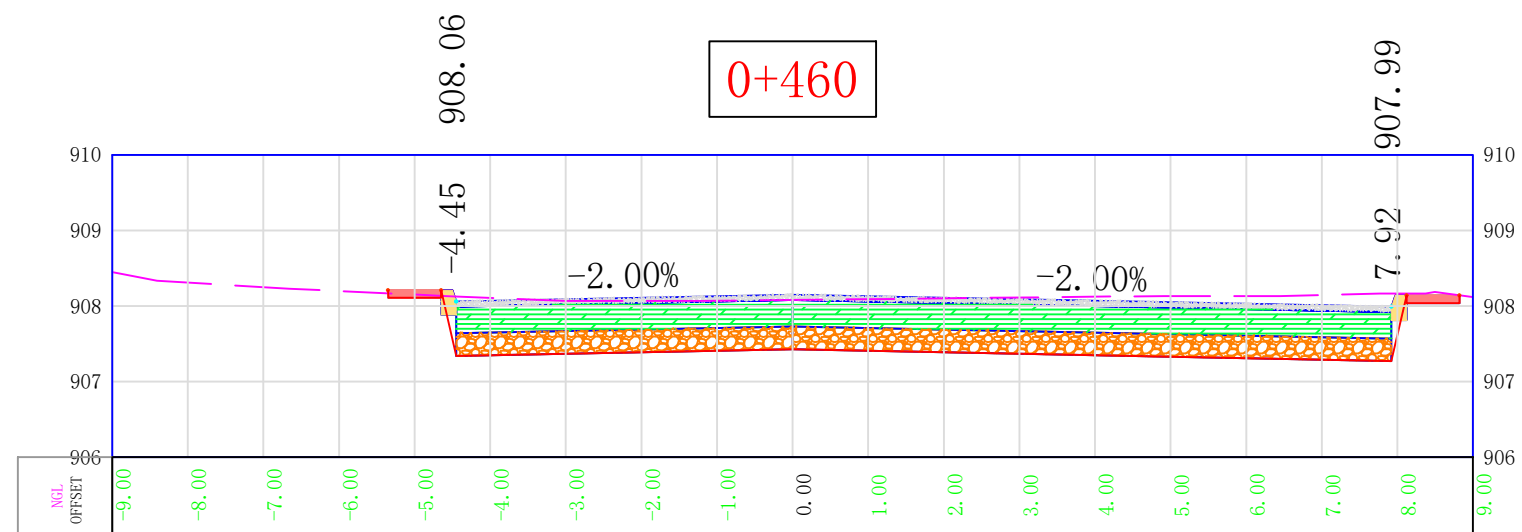
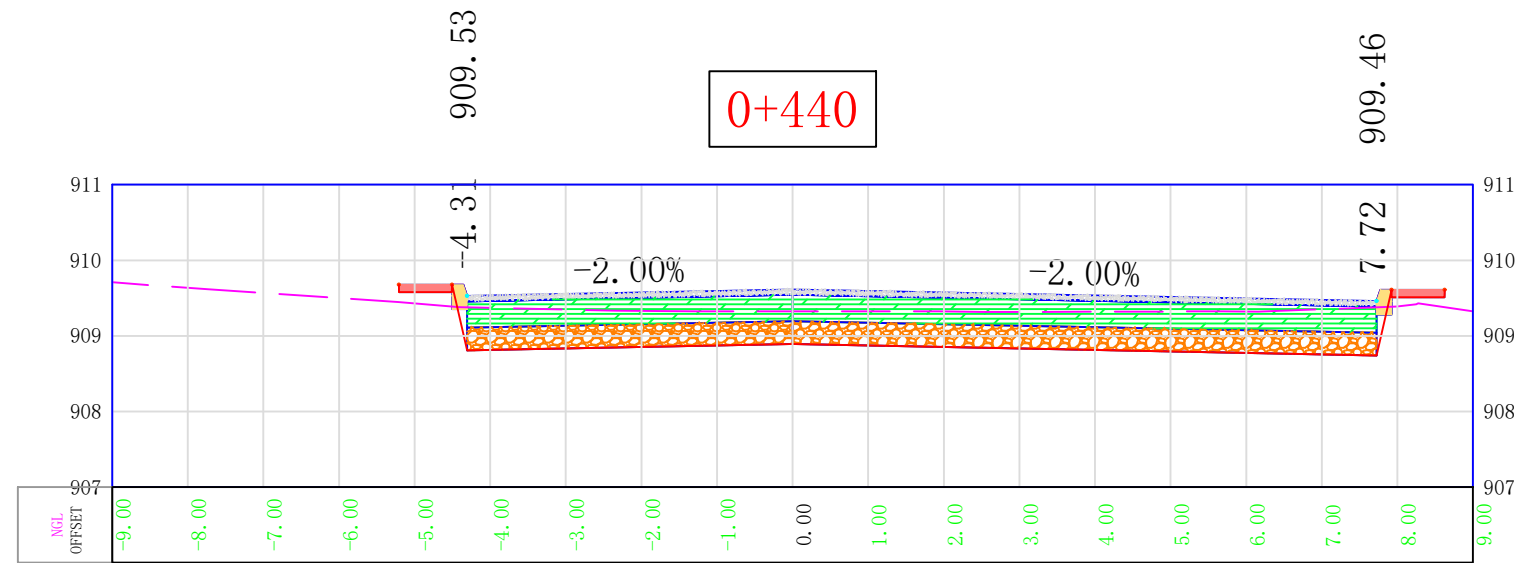
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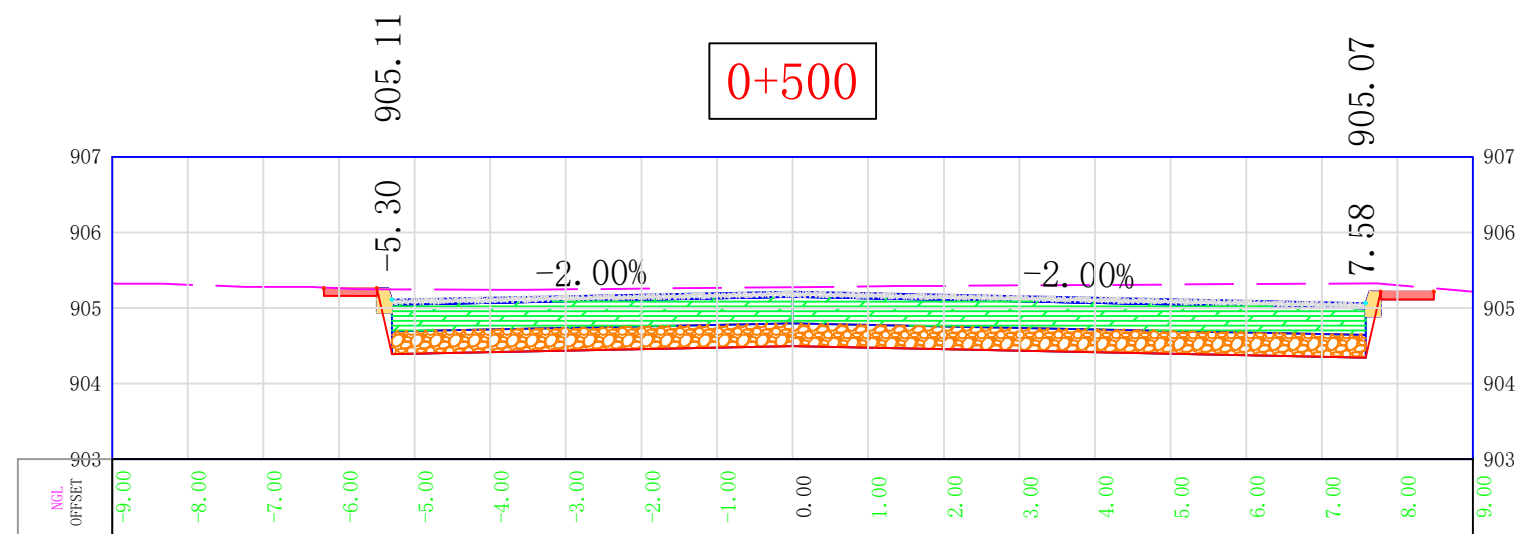
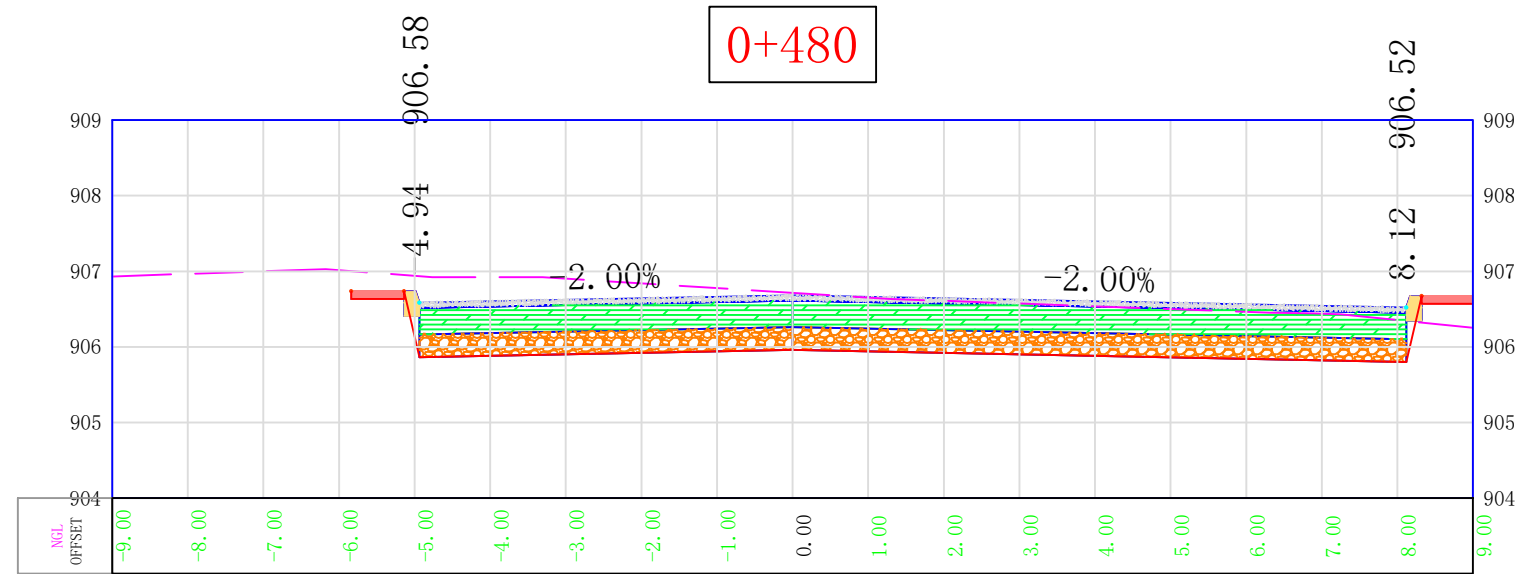
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-  **Asphalt**
-  **BASECOURS**
-  **SUB BASE**
-  **CUR**
-  **Side wake**

Supervision:
Palestine Polytechnic University



Design Drawing

Project Name:
Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

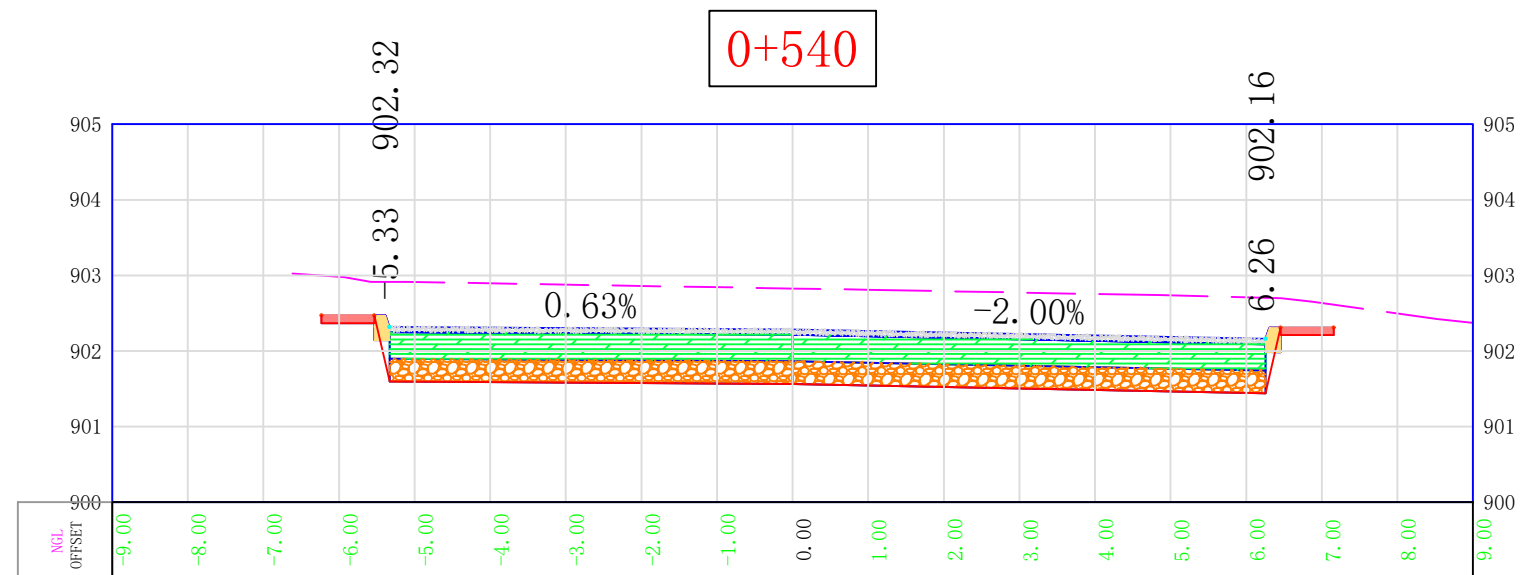
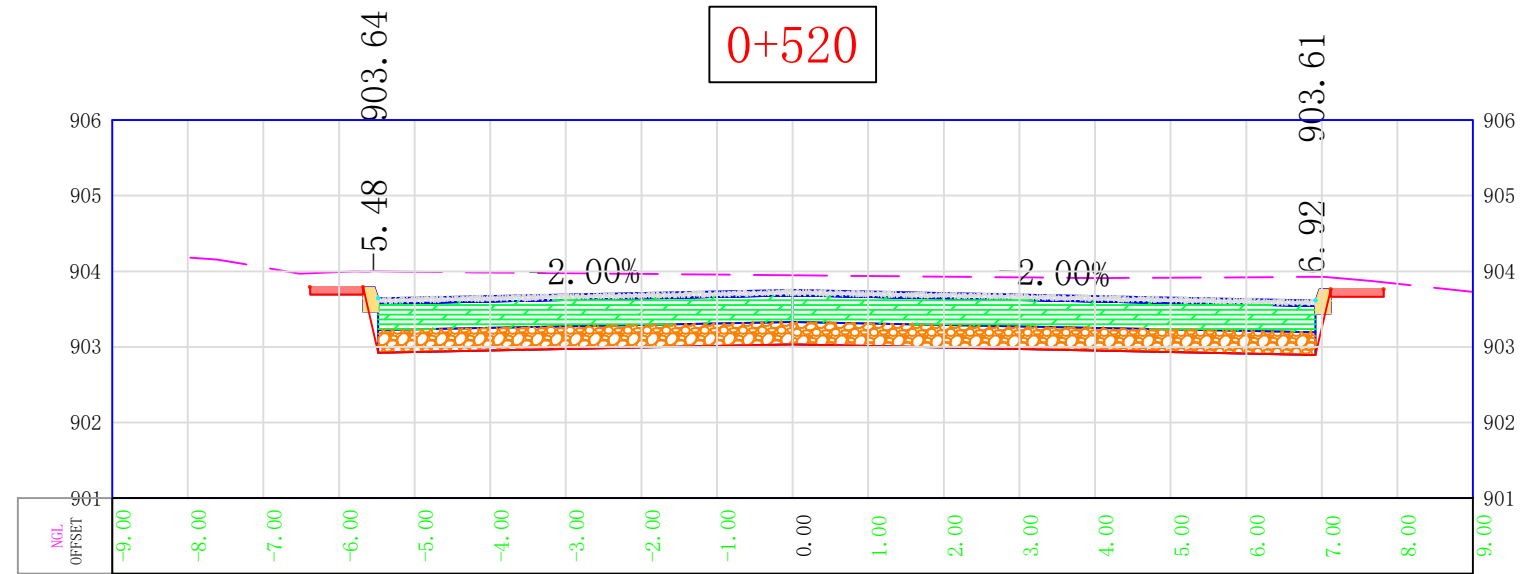
Drawing Details :
Cross section

Designer Supervisor :
Eng. Faydi Shabana Tamimi

Designed by:
1- Sana J Idais
2- Bara'a Y Darawish

Scale: 1/100

Date: May 2020 **Drawing No.:**



NOTE:

1. ALL DIMENSIONS ARE IN METERS.
2. COORDINATES AND ELEVATIONS REFER TO THE PALESTINIAN GRID SYSTEM.

LEGEND AND ABBREVIATIONS

- Asphalt
- BASECOURS
- SUB BASE
- CUR
- Side wake

Supervision:
 Palestine Polytechnic University



Design Drawing

Project Name:
 Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

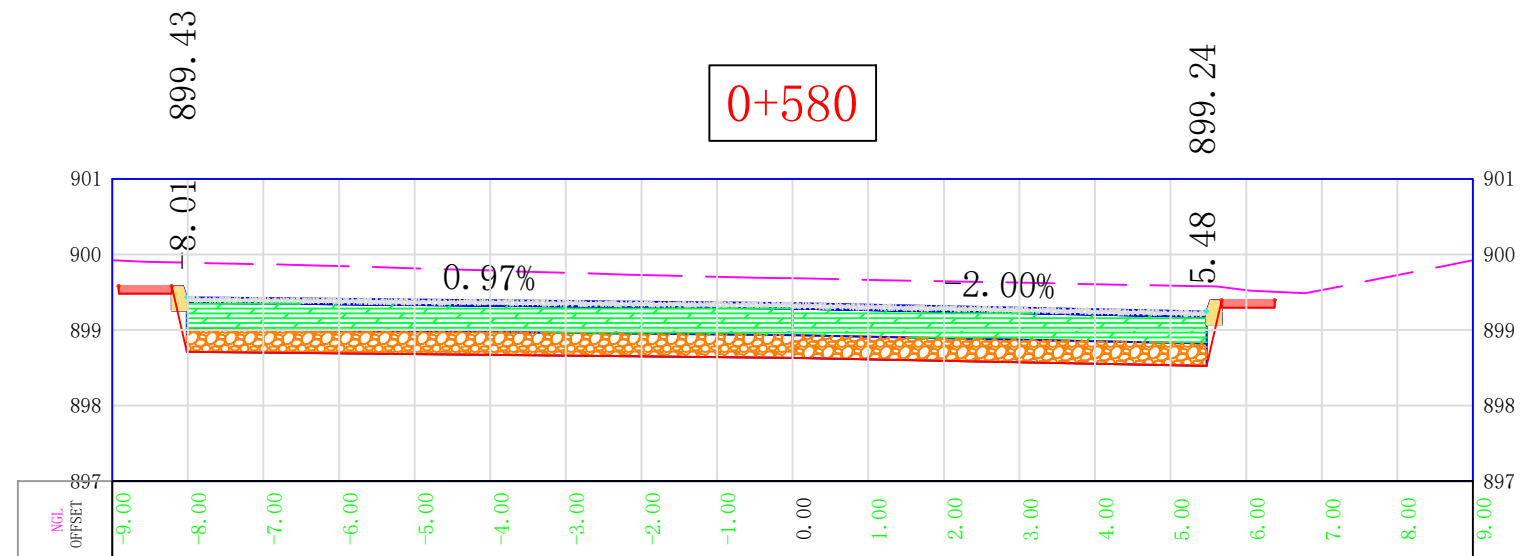
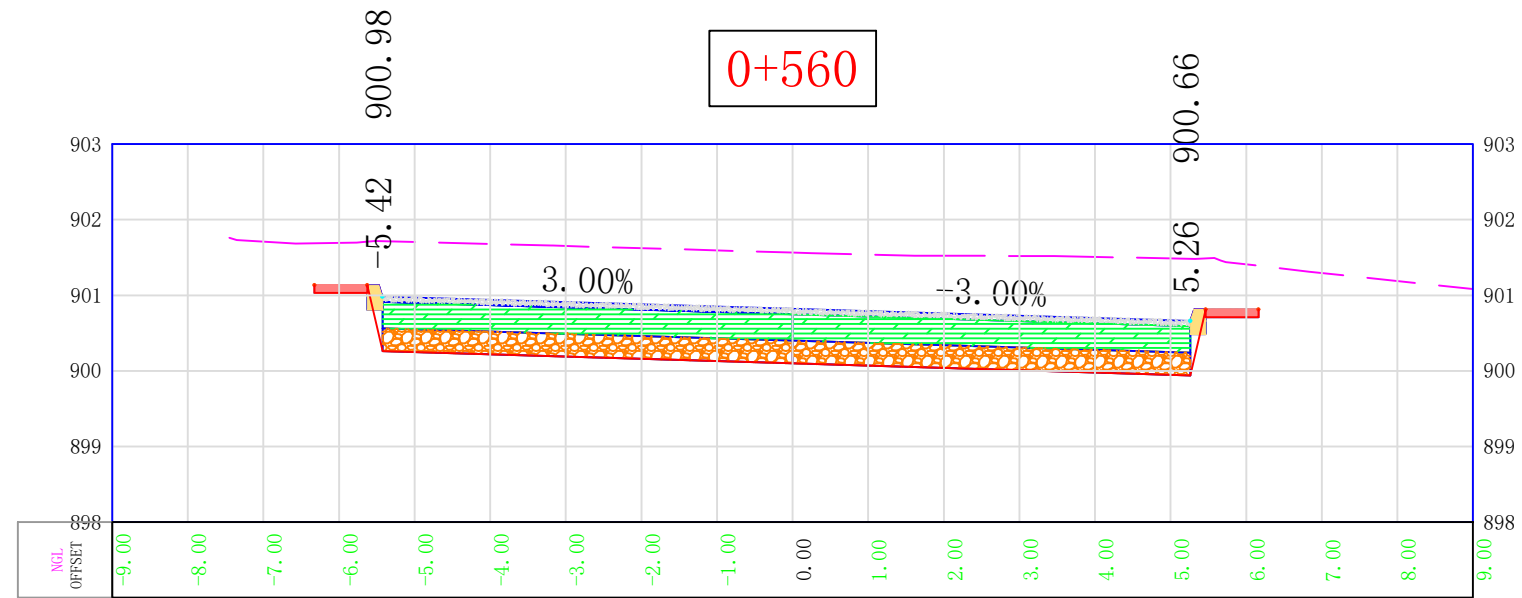
Drawing Details :
Cross section

Designer Supervisor :
 Eng. Faydi Shabana Tamimi

Designed by:
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Scale: 1/100






Date: May 2020
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Supervision:
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Design Drawing

Project Name:
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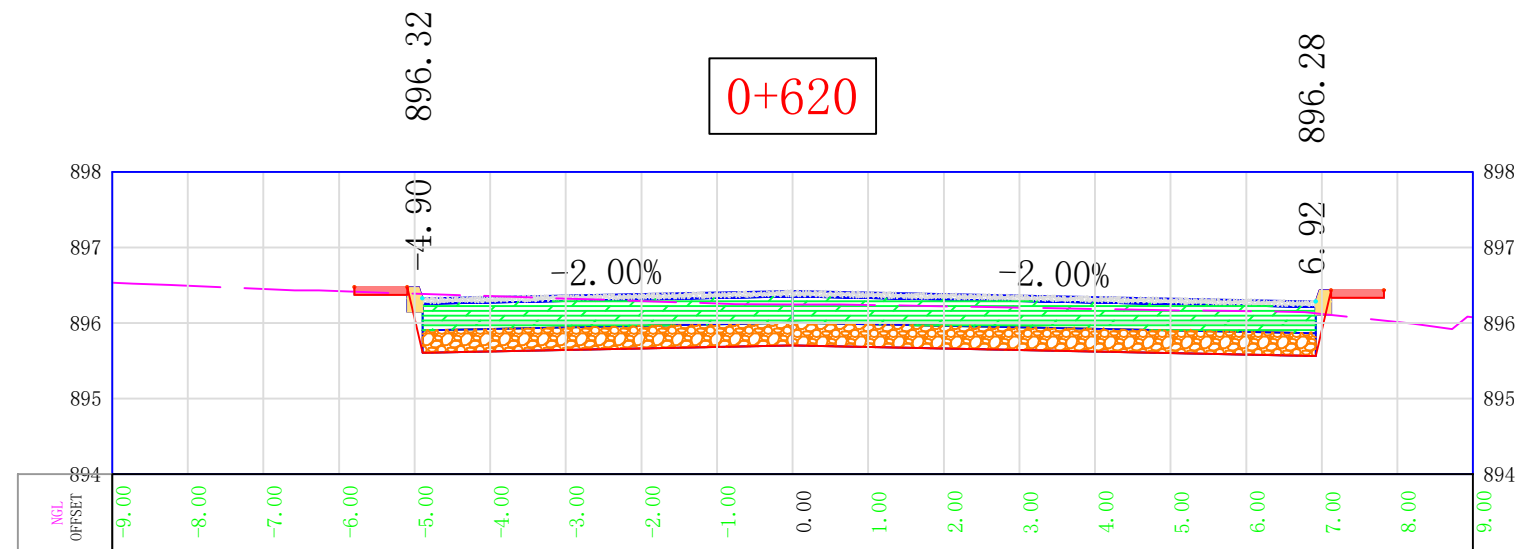
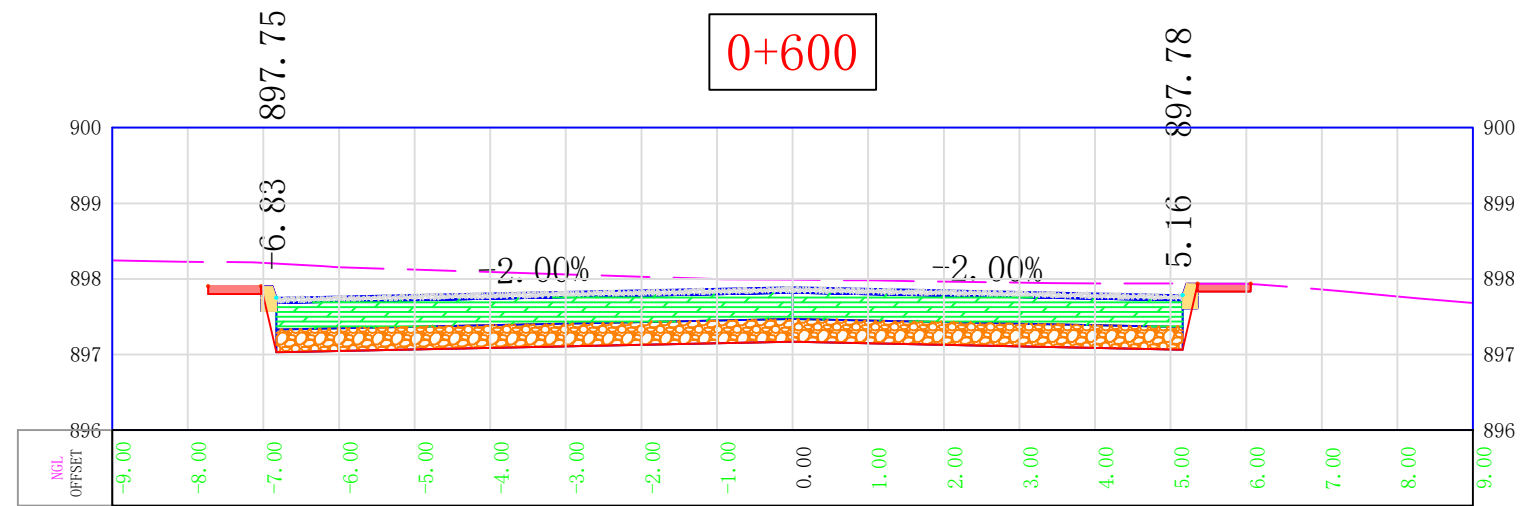
Drawing Details :
Cross section

Designer Supervisor :
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Designed by:
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Scale: 1/100






Date: May 2020 **Drawing No.:**



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Supervision:
Palestine Polytechnic University



Design Drawing

Project Name:
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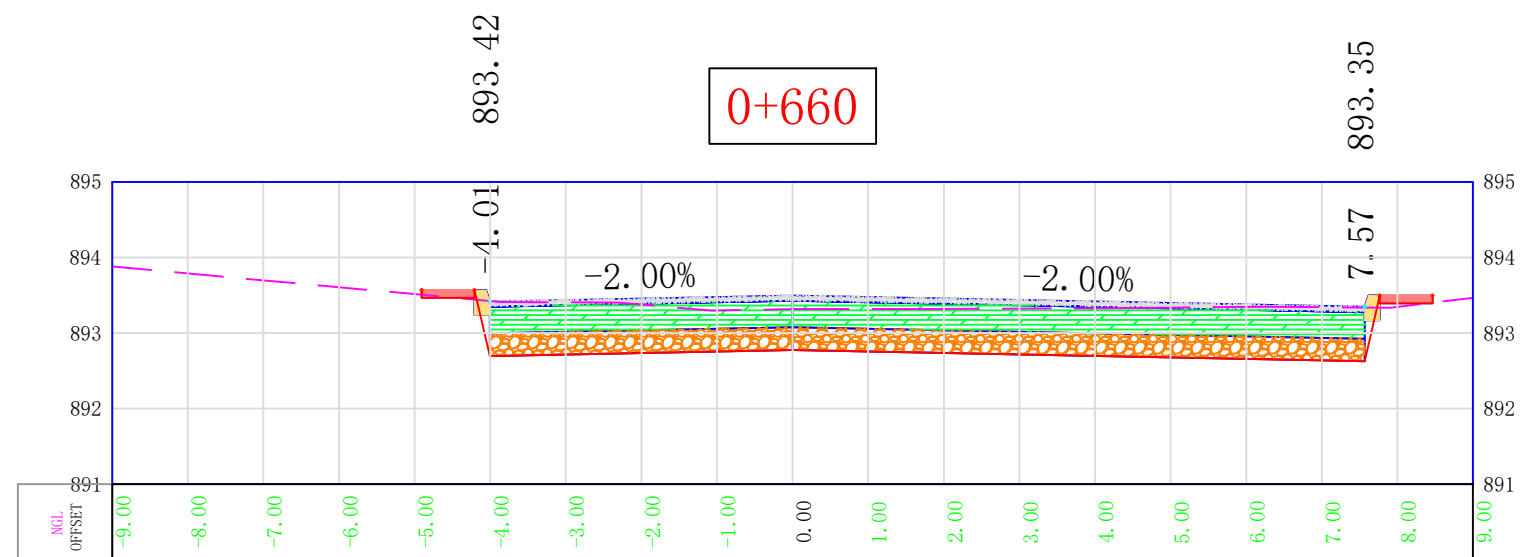
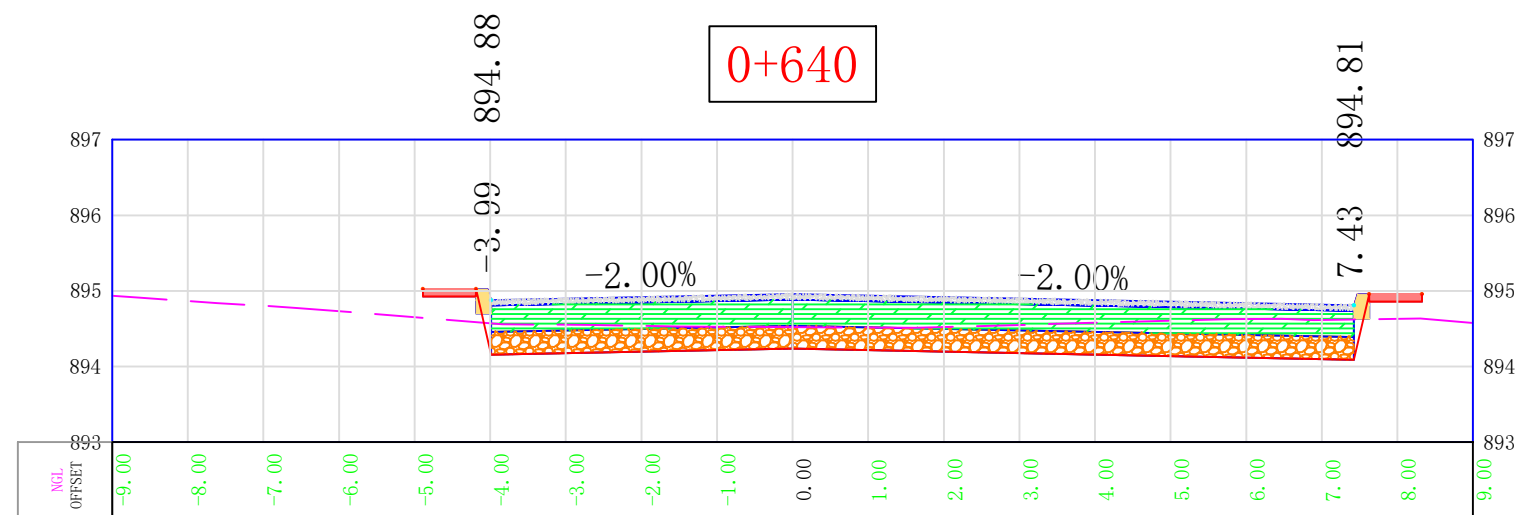
Drawing Details :
Cross section

Designer Supervisor :
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Designed by:
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Scale: 1/100






Date: May 2020
Drawing No.:



NOTE:

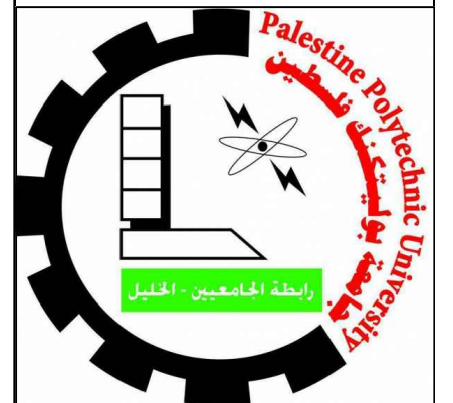
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Supervision:

Palestine Polytechnic University



Design Drawing

Project Name:

Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

Drawing Details :

Cross section

Designer Supervisor :

Eng. Faydi Shabana Tamimi

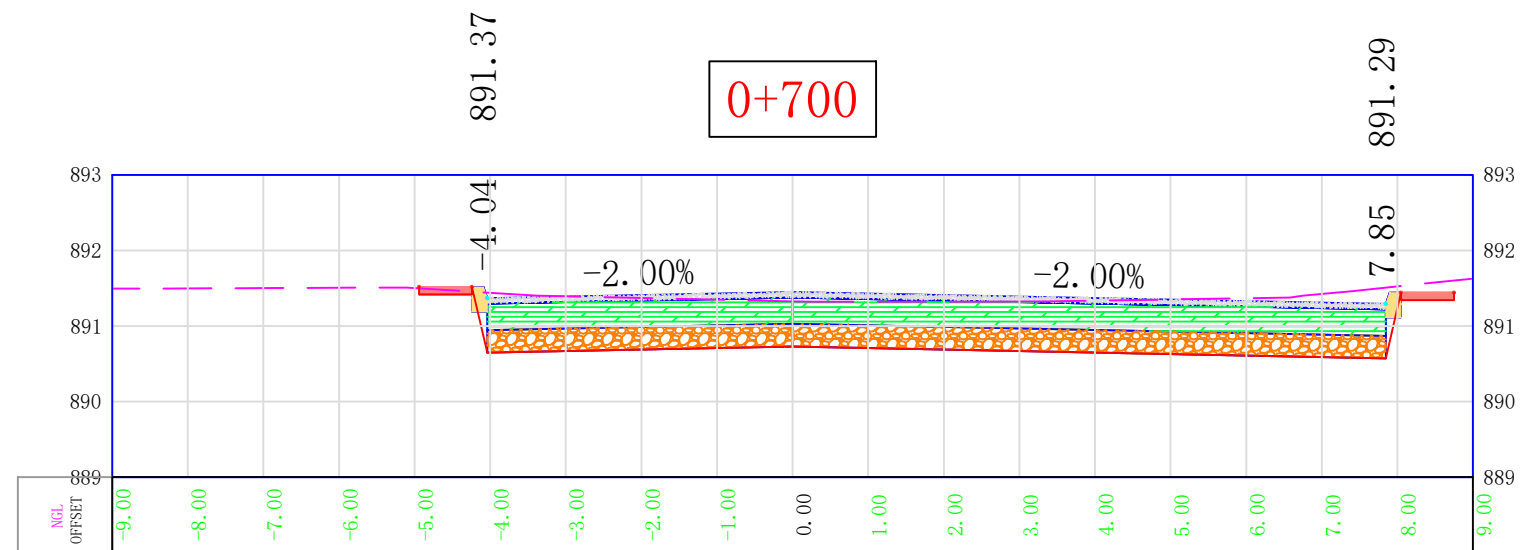
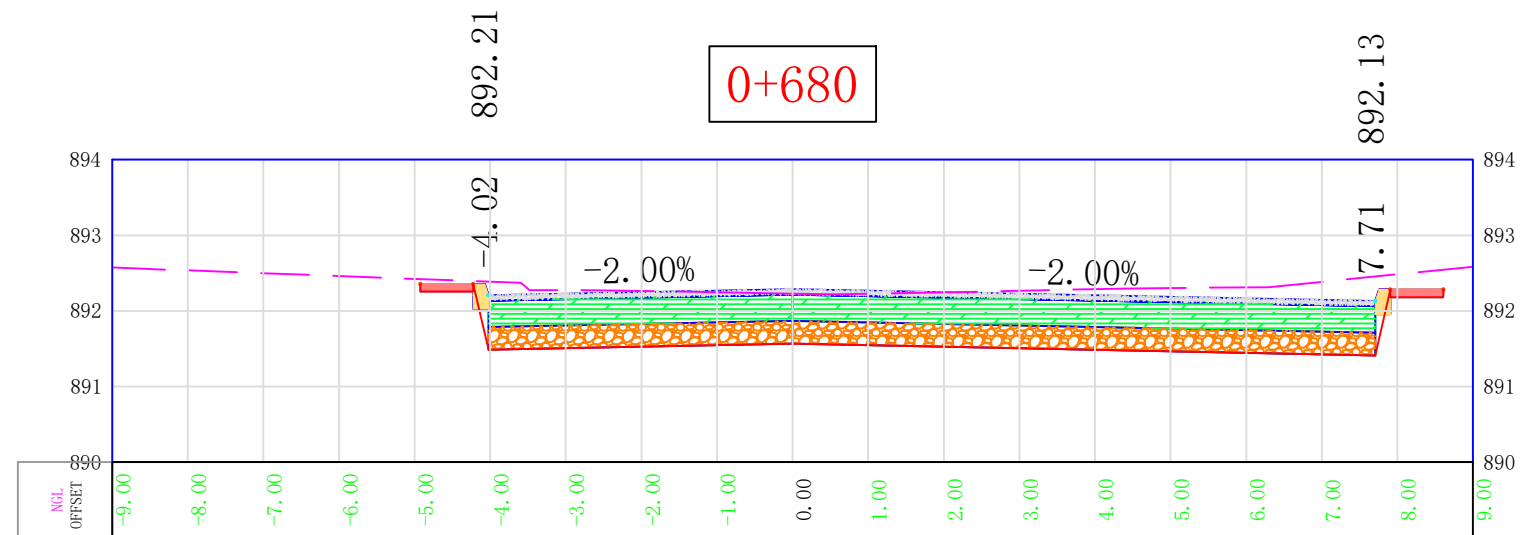
Designed by:

- 1- Sana J Idais
- 2- Bara'a Y Darawish

Scale: 1/100

Date: May 2020






Drawing No.:



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Supervision:

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Project Name:

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Drawing Details :

Cross section

Designer Supervisor :

Eng. Faydi Shabana Tamimi

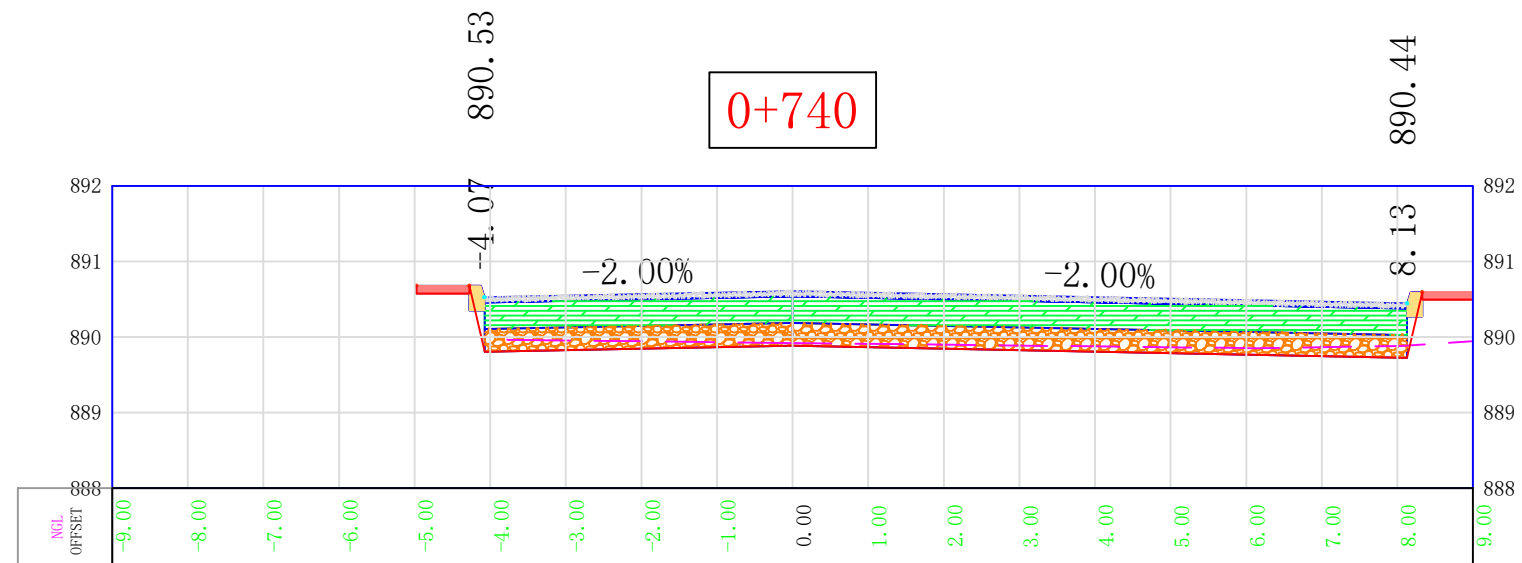
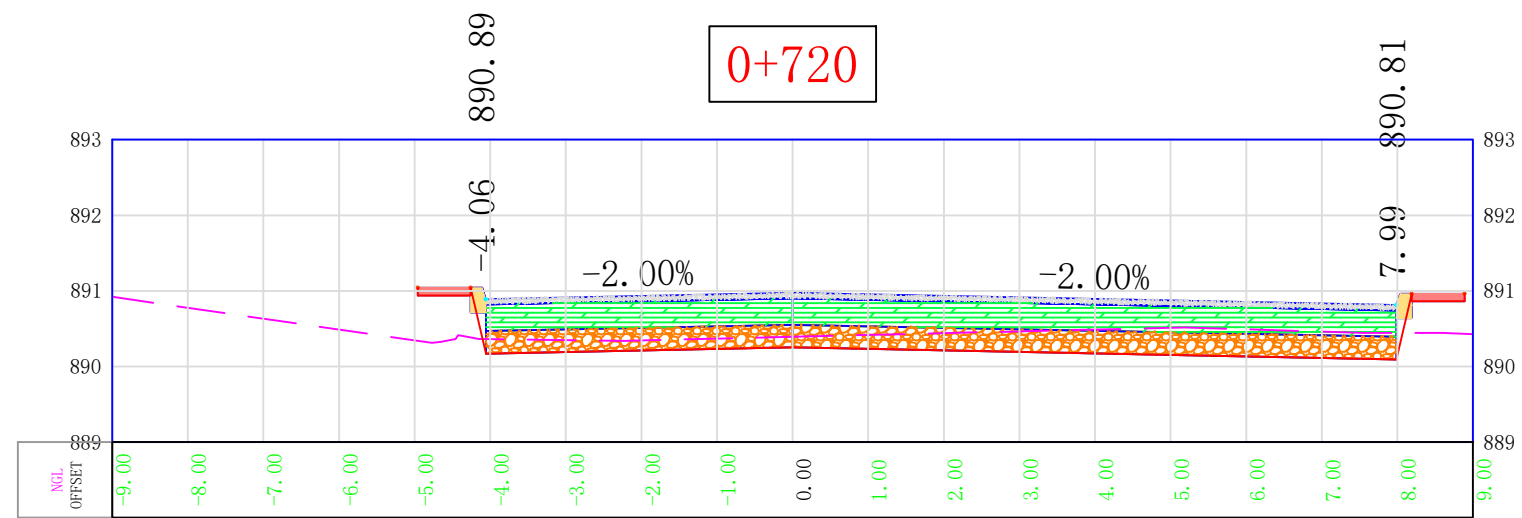
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Scale: 1/100

Date: May 2020






Drawing No.:



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Supervision:

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Design Drawing

Project Name:

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Drawing Details :

Cross section

Designer Supervisor :

Eng. Faydi Shabana Tamimi

Designed by:

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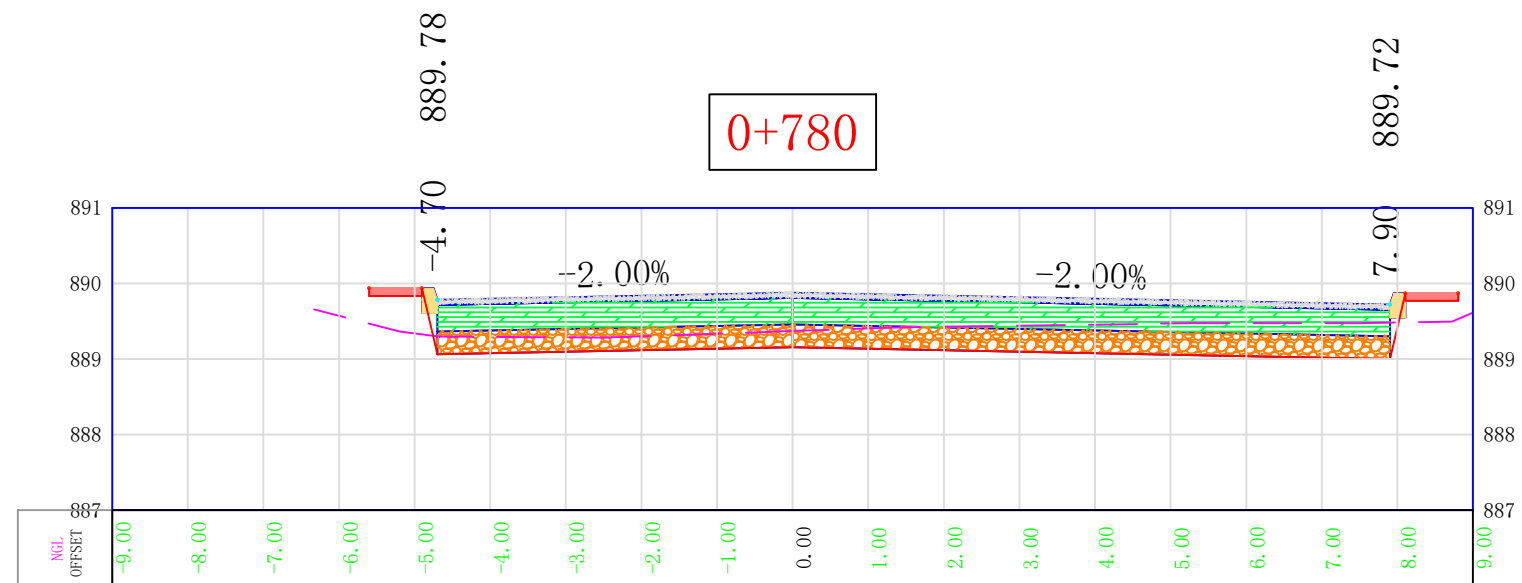
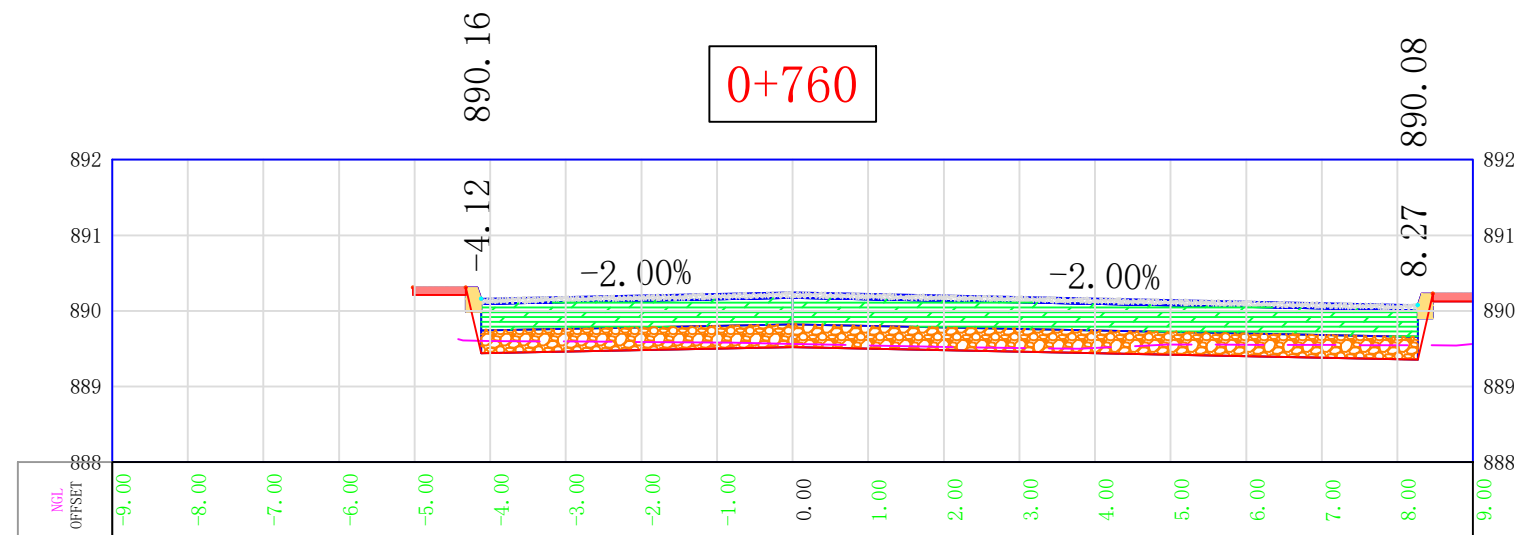
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1/100

Date:

May 2020






Drawing No.:



NOTE:

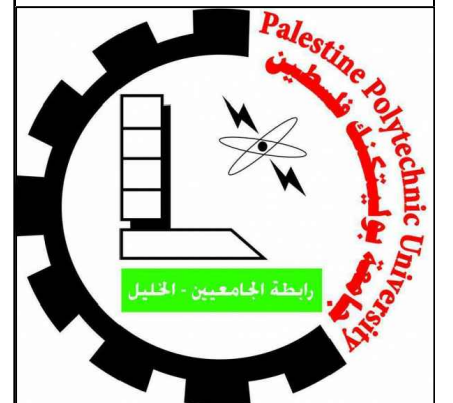
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Design Drawing

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Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

Drawing Details :

Cross section

Designer Supervisor :

Eng. Faydi Shabana Tamimi

Designed by:

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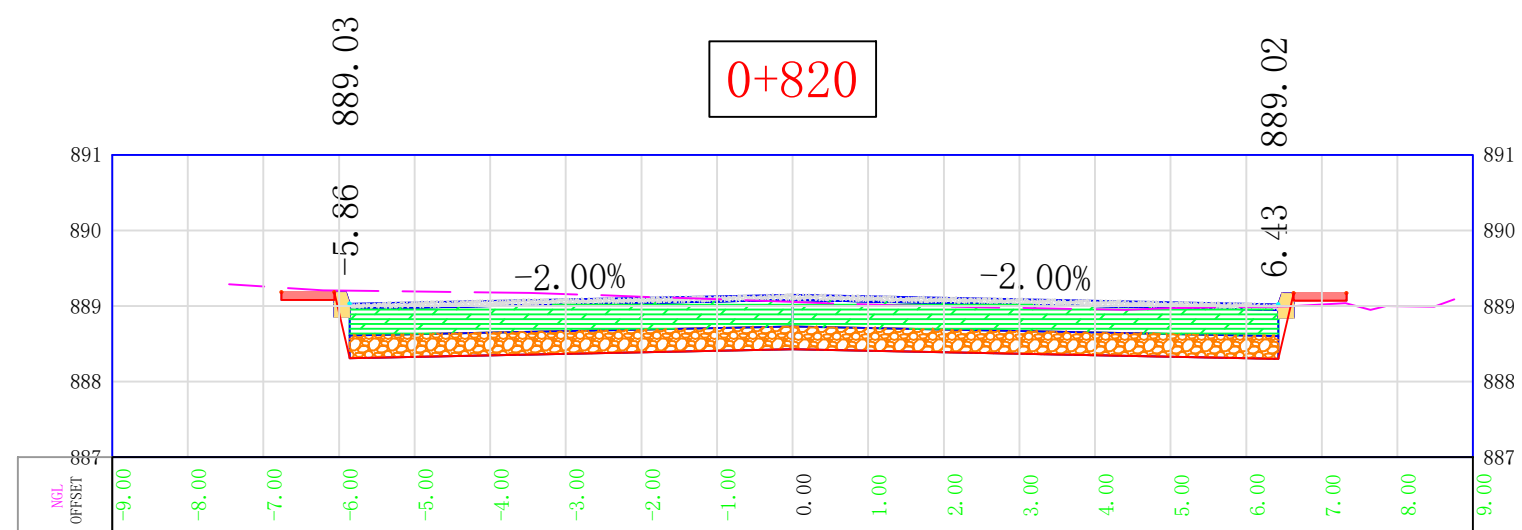
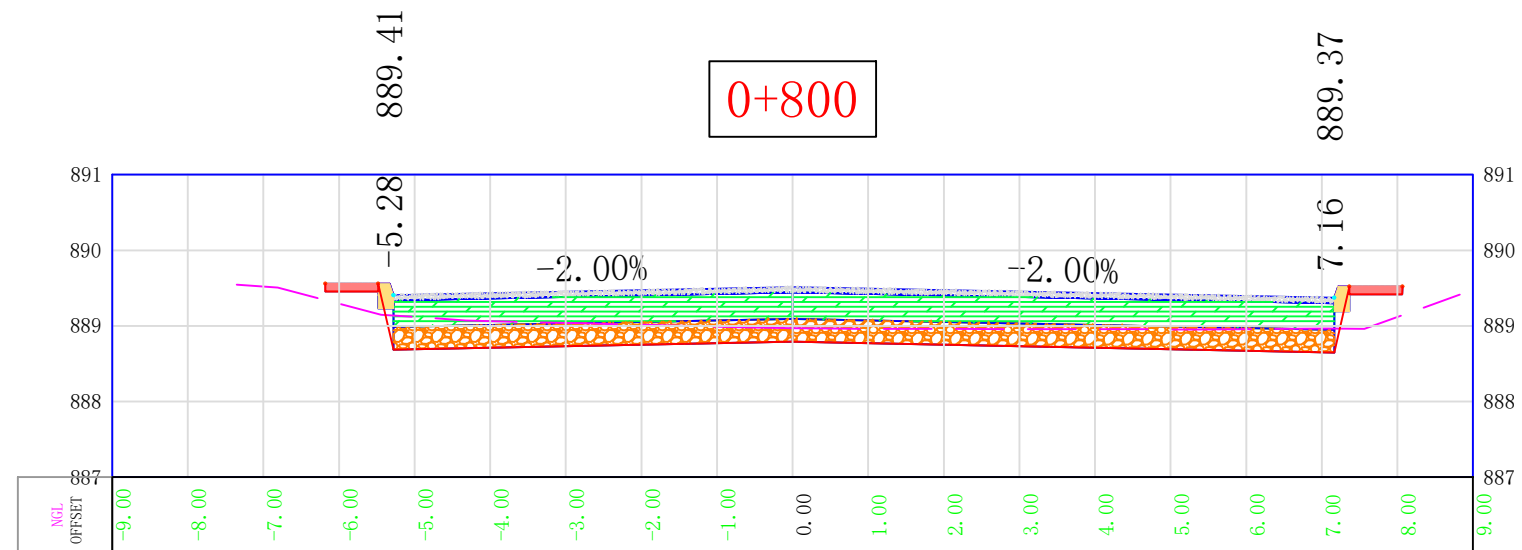
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Date:

May 2020






Drawing No.:



NOTE:

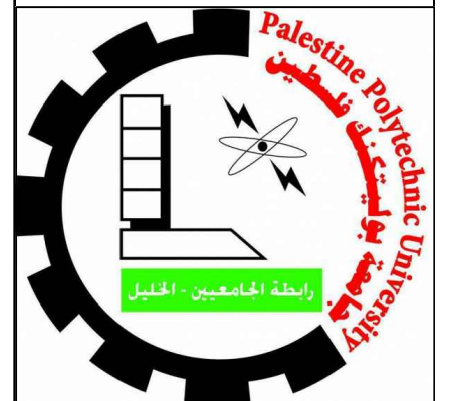
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Supervision:

Palestine Polytechnic University



Design Drawing

Project Name:

Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

Drawing Details :

Cross section

Designer Supervisor :

Eng. Faydi Shabana Tamimi

Designed by:

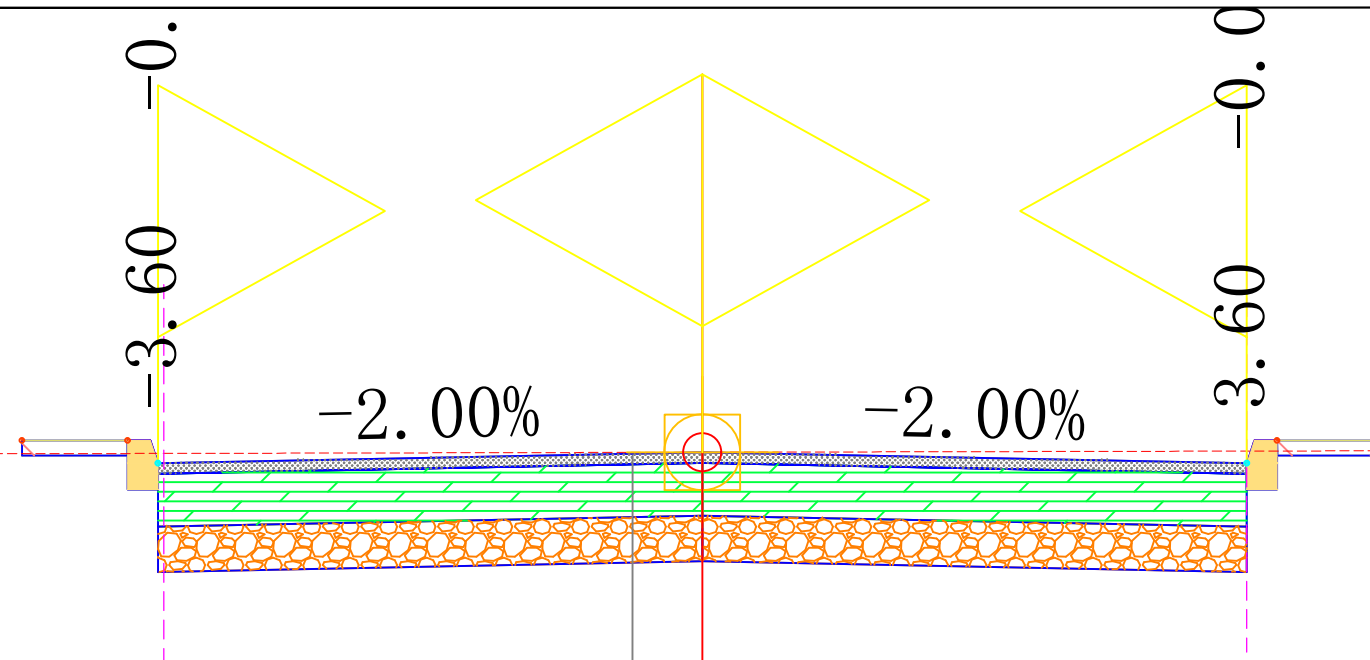
- 1- Sana J Idais
- 2- Bara'a Y Darawish

Scale: 1/100

Date: May 2020

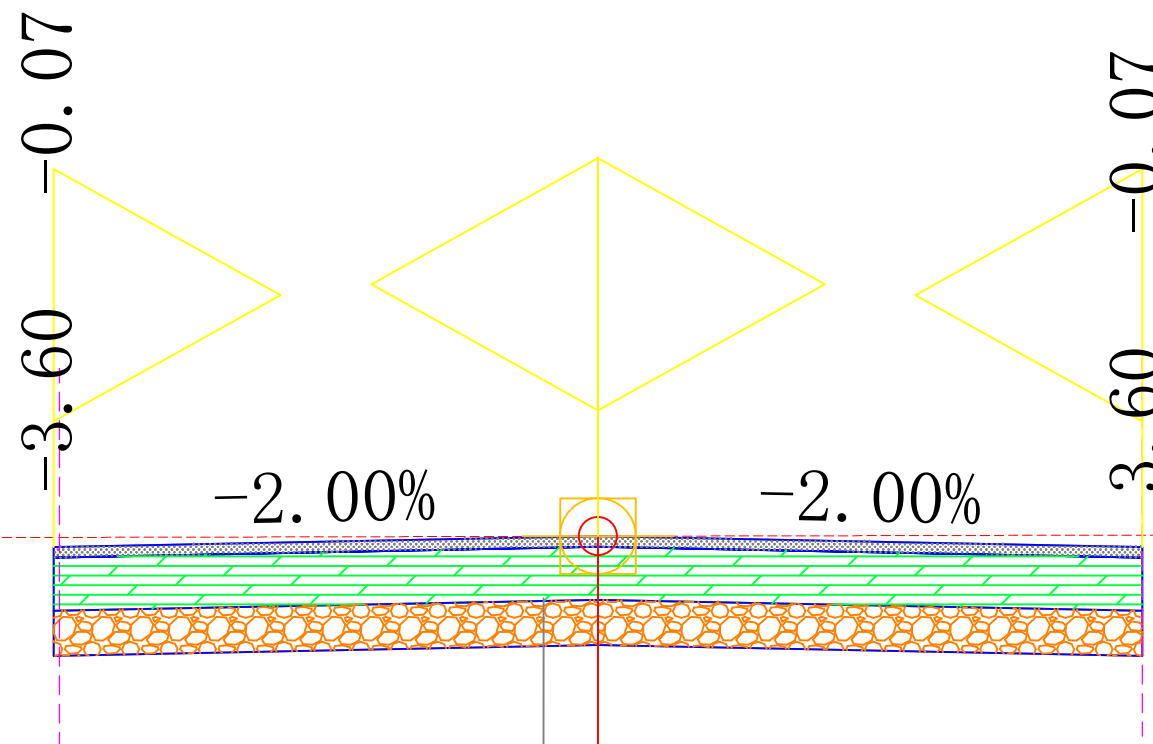
Drawing No.:

N.G.L



ASPHALT Wearing Course LAYER 7 CM
PRIME COAT (MC--)
BASE COURSE 35 cm
SUB BASE 30 cm

TYPICAL CROSS SECTION
FROM ST 0+007.00 TO ST 0+821.90



ASPHALT Wearing Course LAYER 7 CM
PRIME COAT (MC--)
BASE COURSE 35 cm
SUB BASE 30 cm

TYPICAL CROSS SECTION
FROM ST 0+000.00 TO ST 0+007.00

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Supervision:
 Palestine Polytechnic University



Design Drawing

Project Name:
 Re-designing and rehabilitating the road linking Ajouri Junction and Al-Samer Station .

Drawing Details :
Typical Cross section

Designer Supervisor :
 Eng. Faydi Shabana Tamimi

Designed by:
 1- Sana J Idais
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Scale: 1/100

Date: May 2020 **Drawing No.:**