



Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduate Project
Redisgn of Almanshar Road



Legend And Abbreviation



Main Station

DRAWING TITLE :

Almanshar Road Path

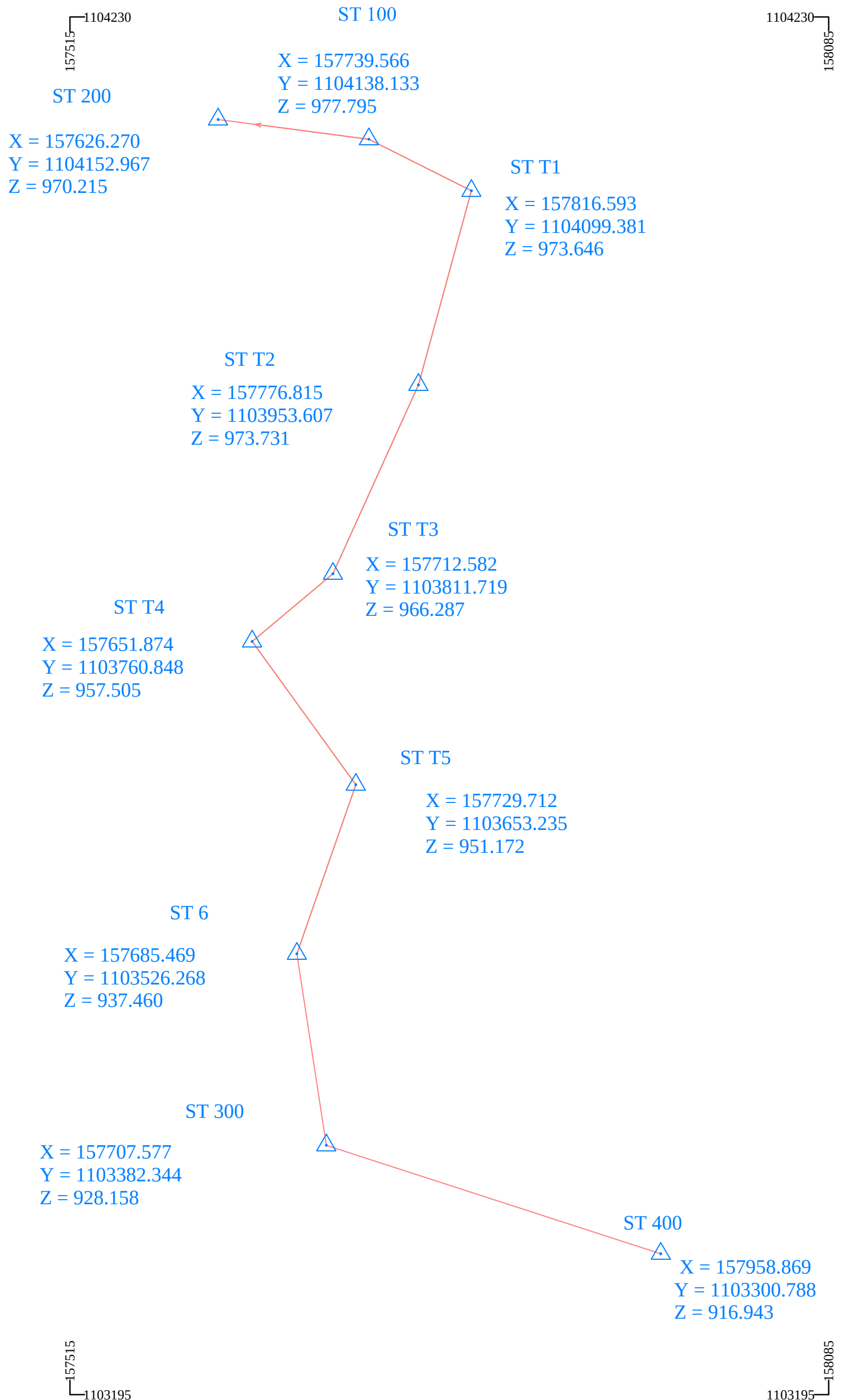
Supervisor :

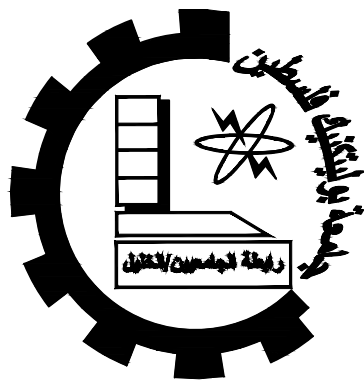
Eng . Pydi Shabanah

Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

SCALE	NO.OF DRAW	DATE
1\8000	A3	18/12/2018





Palestinian Polytechnic University
Engineering College / Civil & Architecture Dept.

The Graduate Project
Redisgn of Almanshar Road



Legend And Abbreviation

- Border
- Countour Lines

DRAWING TITLE :

Plan Of The Peoject Area

Supervisor : Eng . Fydi Shabanah

Desined by :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

SCALE

NO.OP

DATE

1\1250

A1

18/12/2018

104185

157635

104185

157995

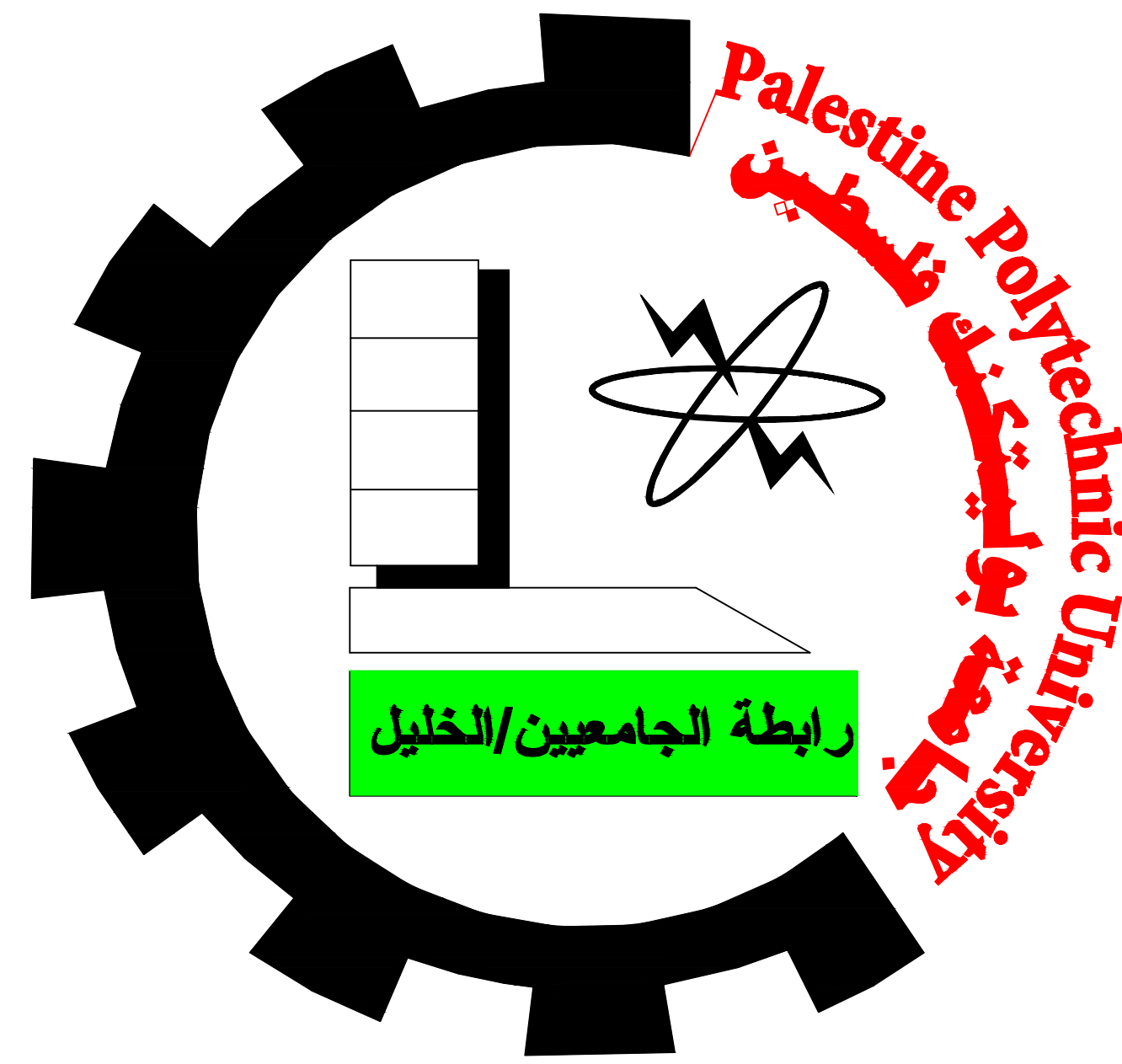
157635

103215

157995

103215





Palestine Polytechnic University
Engineering College
civil and Architecture department
Surveying and Geomatics Engineering

Done by :

Qutaiba Aldweik

Obay Abu Rayyan

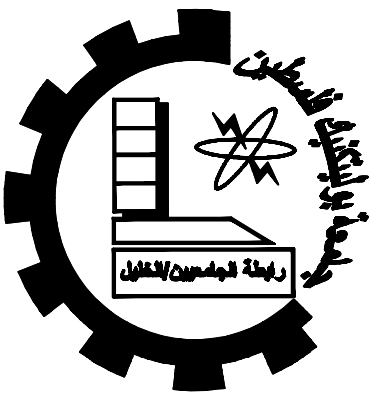
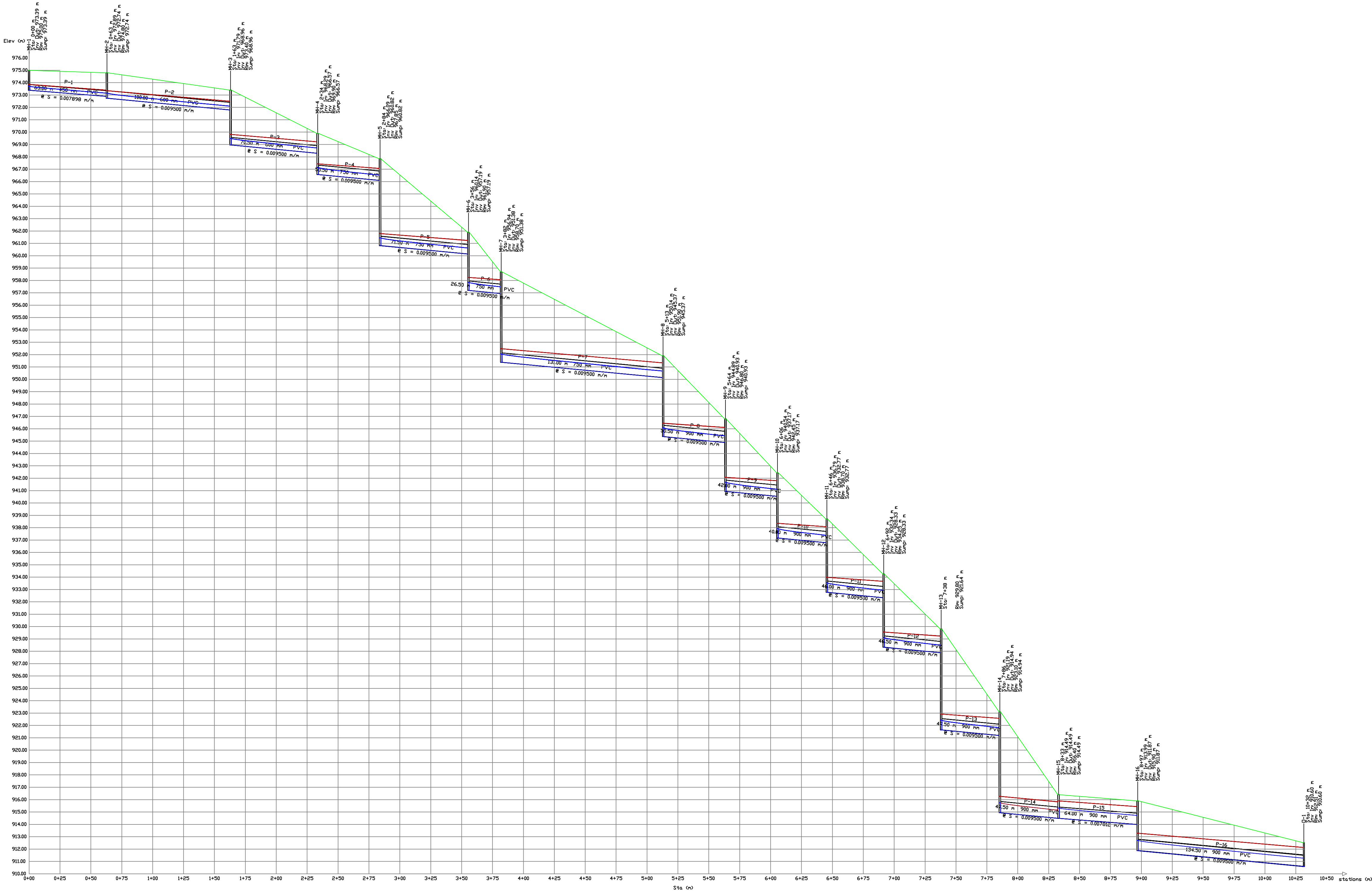
Sana' Alian

supervisors:

E.Faydi Shabaneh

Graduation Project

Profile Of Storm Water Design Of Almanshar Street



Palestine Polytechnic University
Engineering College / Civil & Architecture Dept.

Graduation Project
Redesign Of Almanshar Street

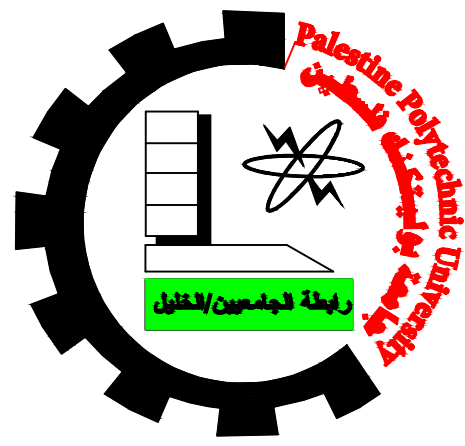
Legend And Abbreviation

- Road Profile
- Energy Grade
- Hydraulic Grade
- Manholes

DRAWING TITLE :
Profile Design of Storm Water
Supervisor : E.Faydi Shabaneh

Project Group
Obay Abu Rayyan
Qutaiba Aldweik
Sana' Alian

H.scale	V.Scale	DATE
1\1000	1\100	1/05/2017



Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduate Project
Redisgn of Almanshar Road



Legend And Abbreviation

- Elecrice Point
- Telephone Point
- Tree
- ⊙ Manhole
- Center Line
- Concrete Wall
- Solid Wall
- ▨ Building

DRAWING TITLE :

Plan Of The Peoject Area

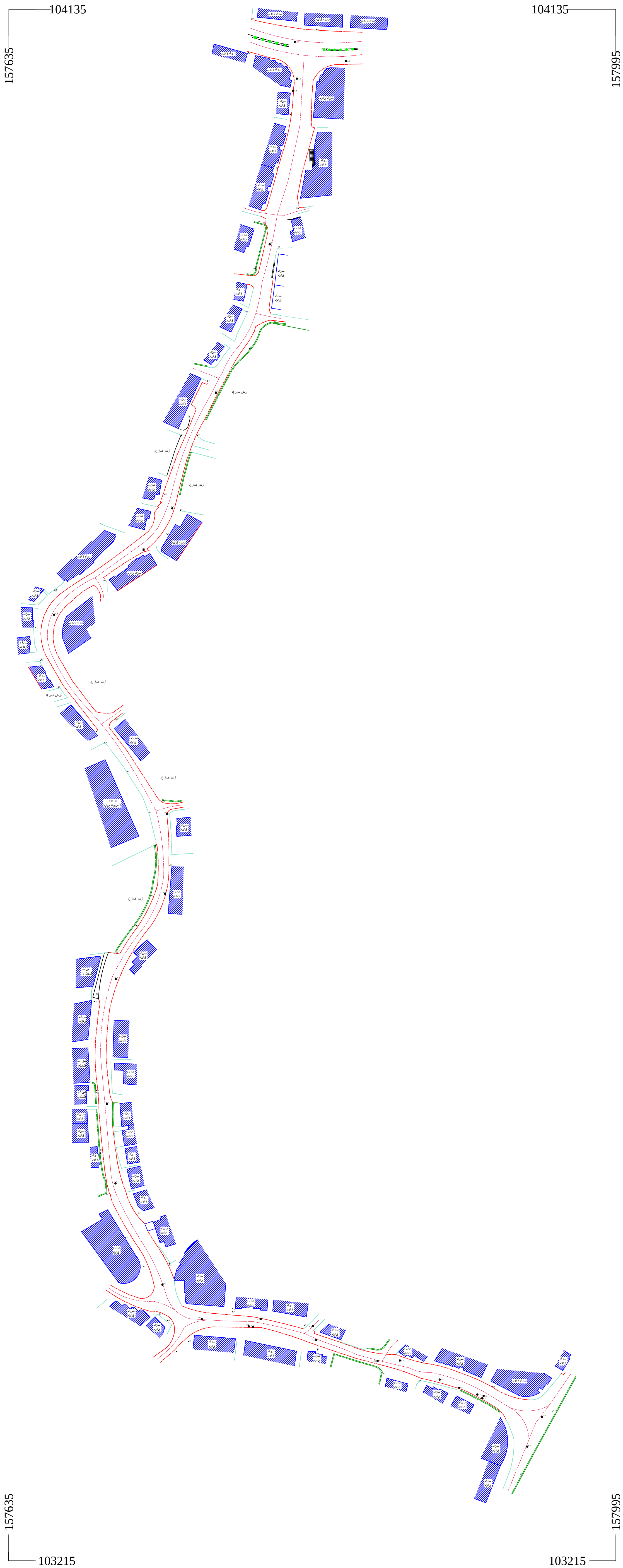
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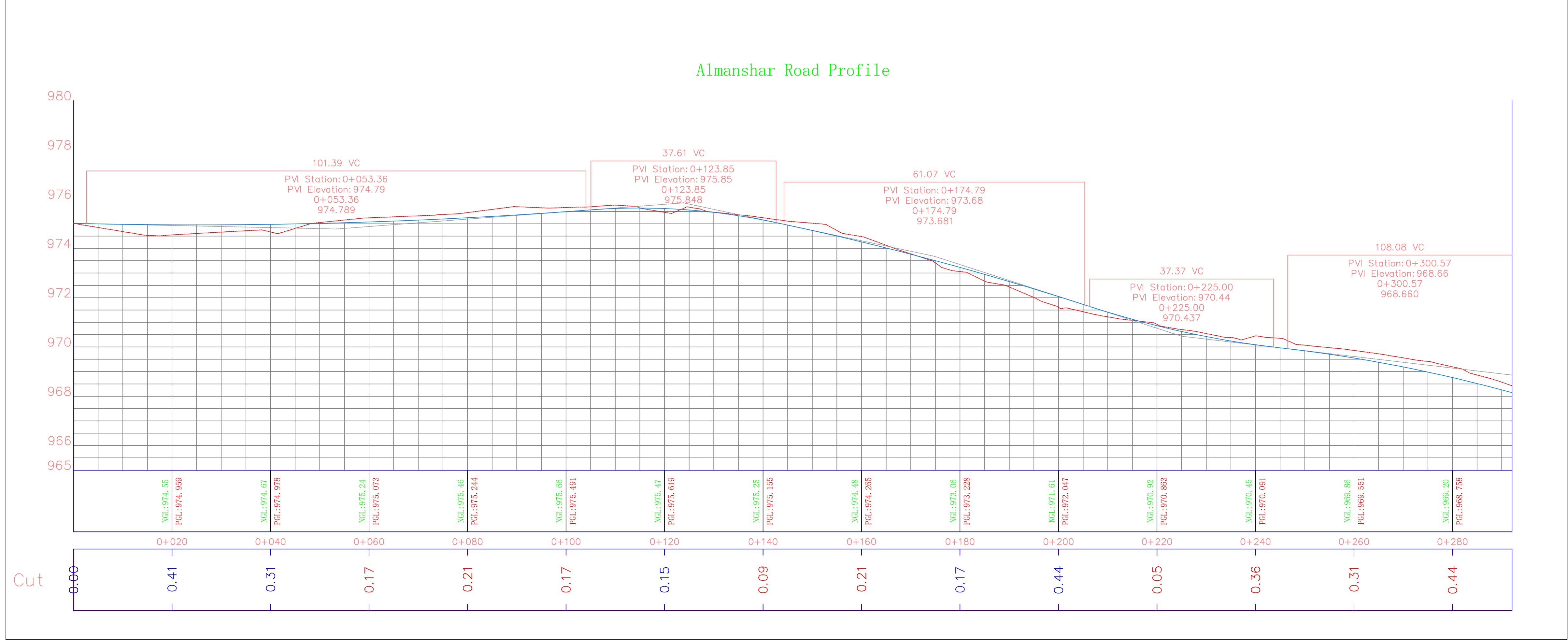
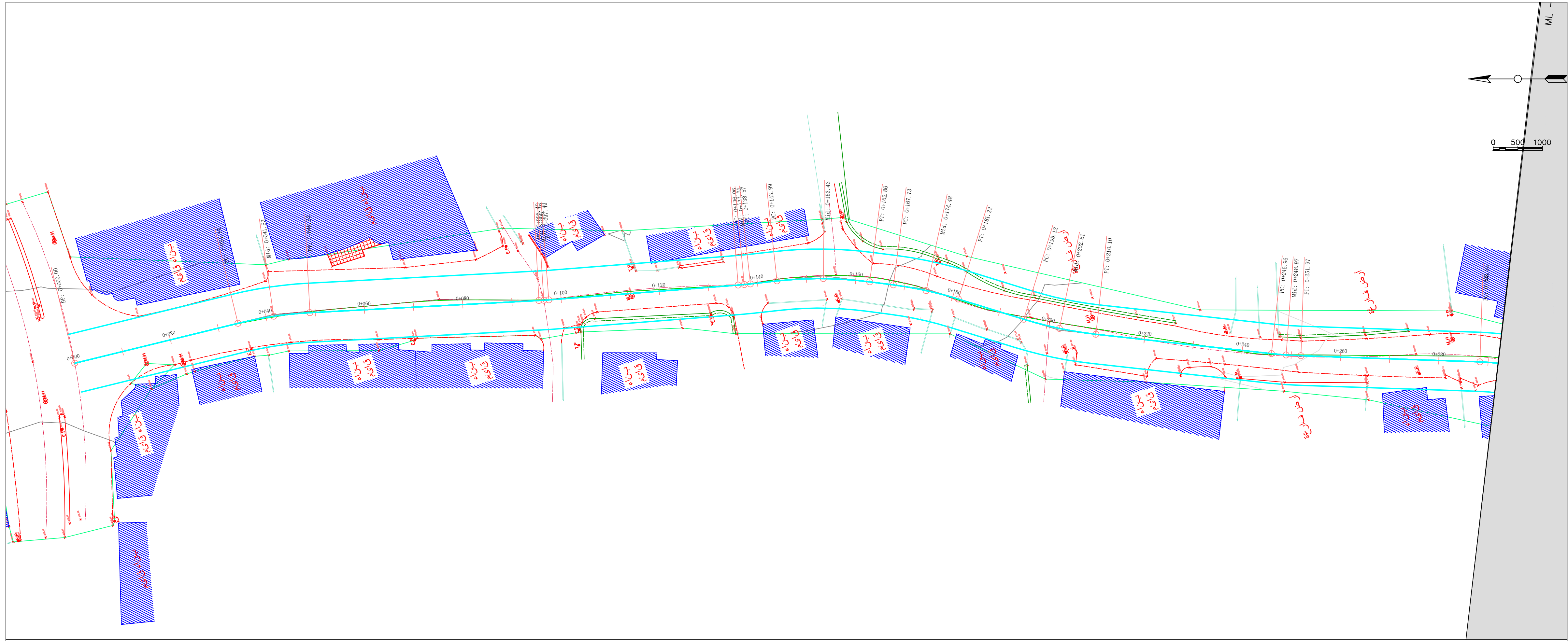
Eng . Fydi Shabanah

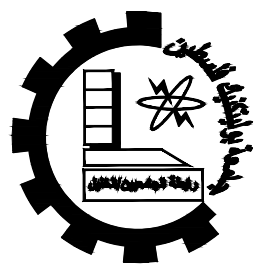
Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

SCALE	NO.OP DRAW	DATE
1\1250	A1	18/12/2016







Palestinian Polytechnic University
Engineering College / Civil & Architecture Dept.

The Graduation Project
Redsign of Almanshar Road



Legend And Abbreviation

— designed road elevation
— normal ground road elevation

DRAWING TITLE :

Profile for Almanshar ST.

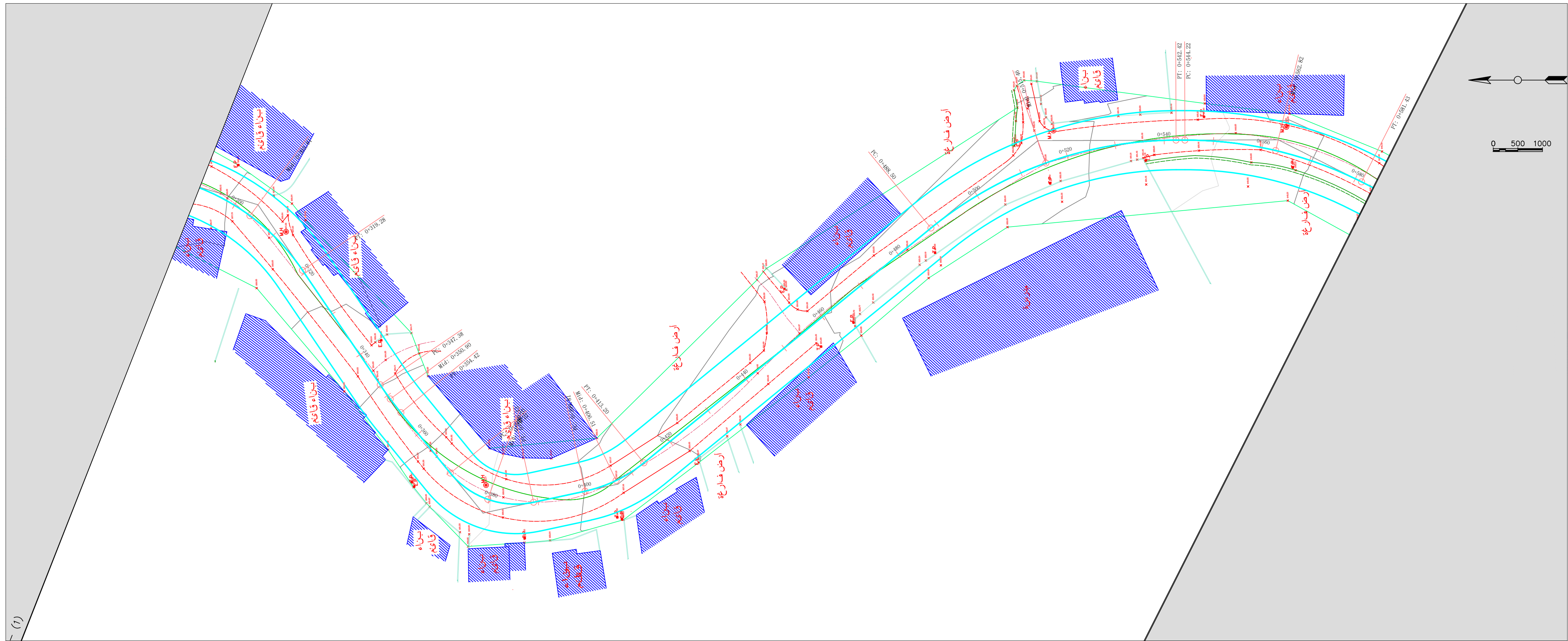
Supervisor :

Eng . Fydi ShabanaA

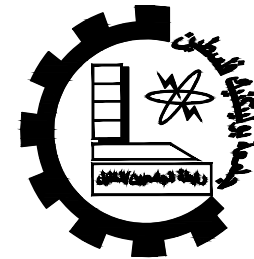
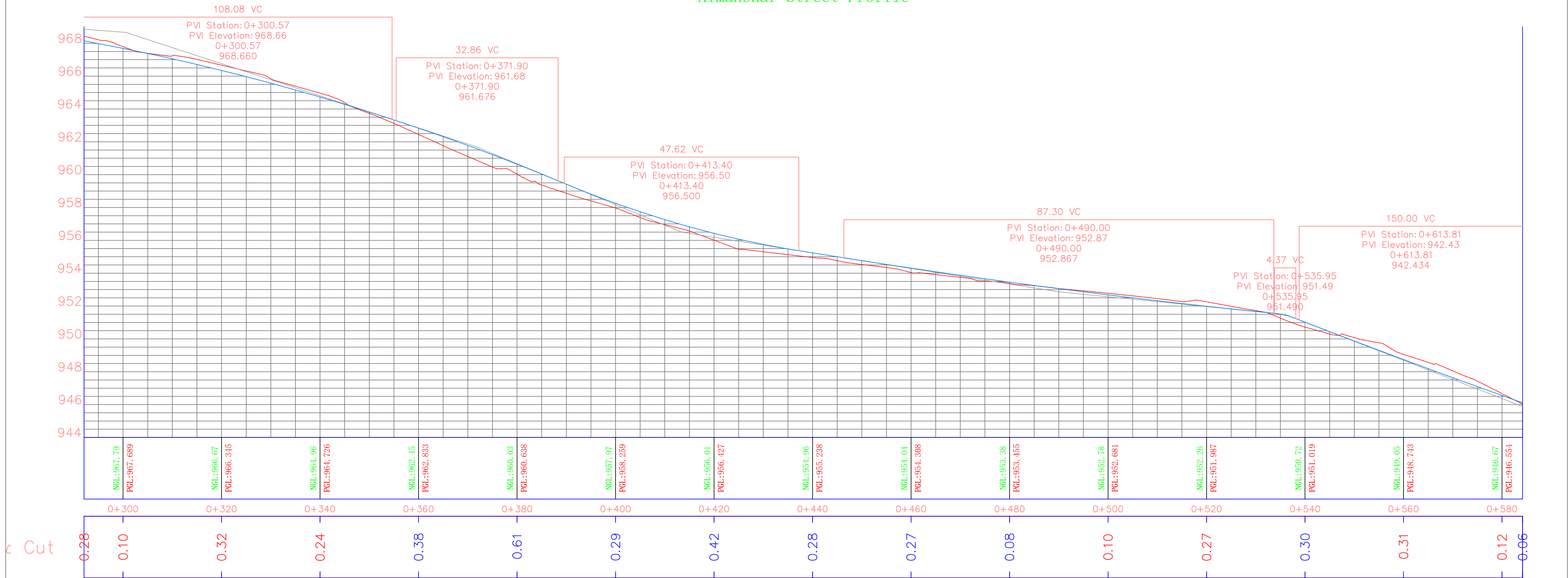
Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

H.Scale	V.Scale	DATE
1\500	1\200	5/1/2017



Almanshar Street Profile



Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduation Project
Redesign of Almanshar Road



Legend And Abbreviation

designed road elevation

normal ground road elevation

DRAWING TITLE :

Profile for Almanshar ST.

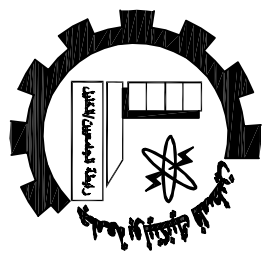
Supervisor :

Eng . Fydi Shabana

Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

H.Scale	V.Scale	Date
1/500	1/300	6/1/2017



Palestine Polytechnic University
Engineering College / Civil & Production Dept.
The Graduation Project
Redesign of Almanshar Road

0 500 1000

Legend And Abbreviation

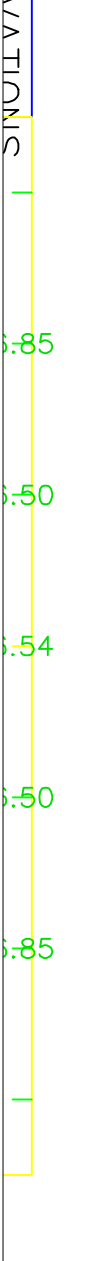
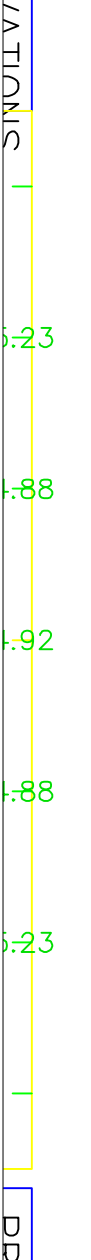
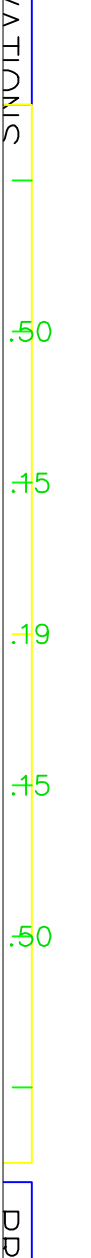
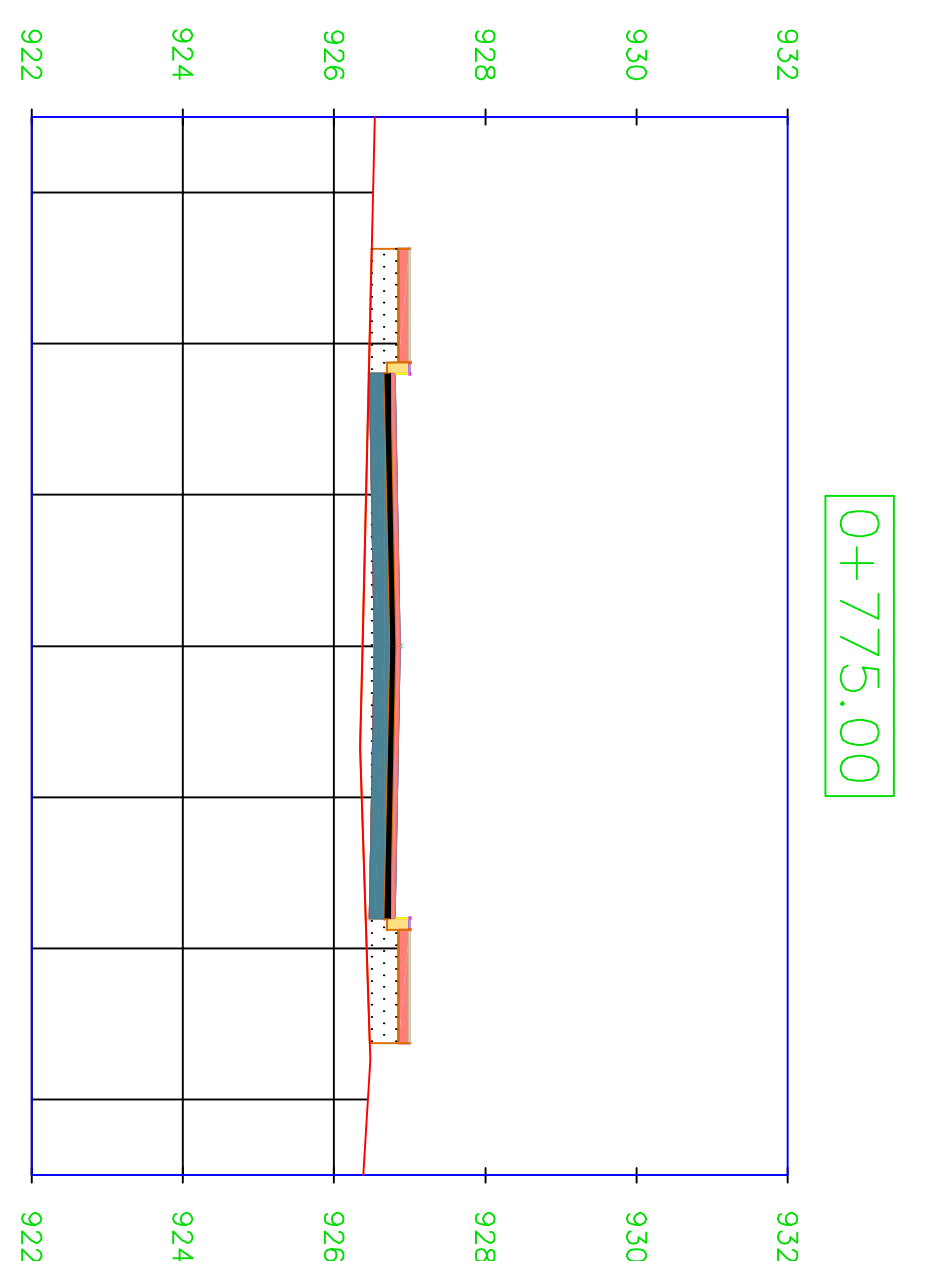
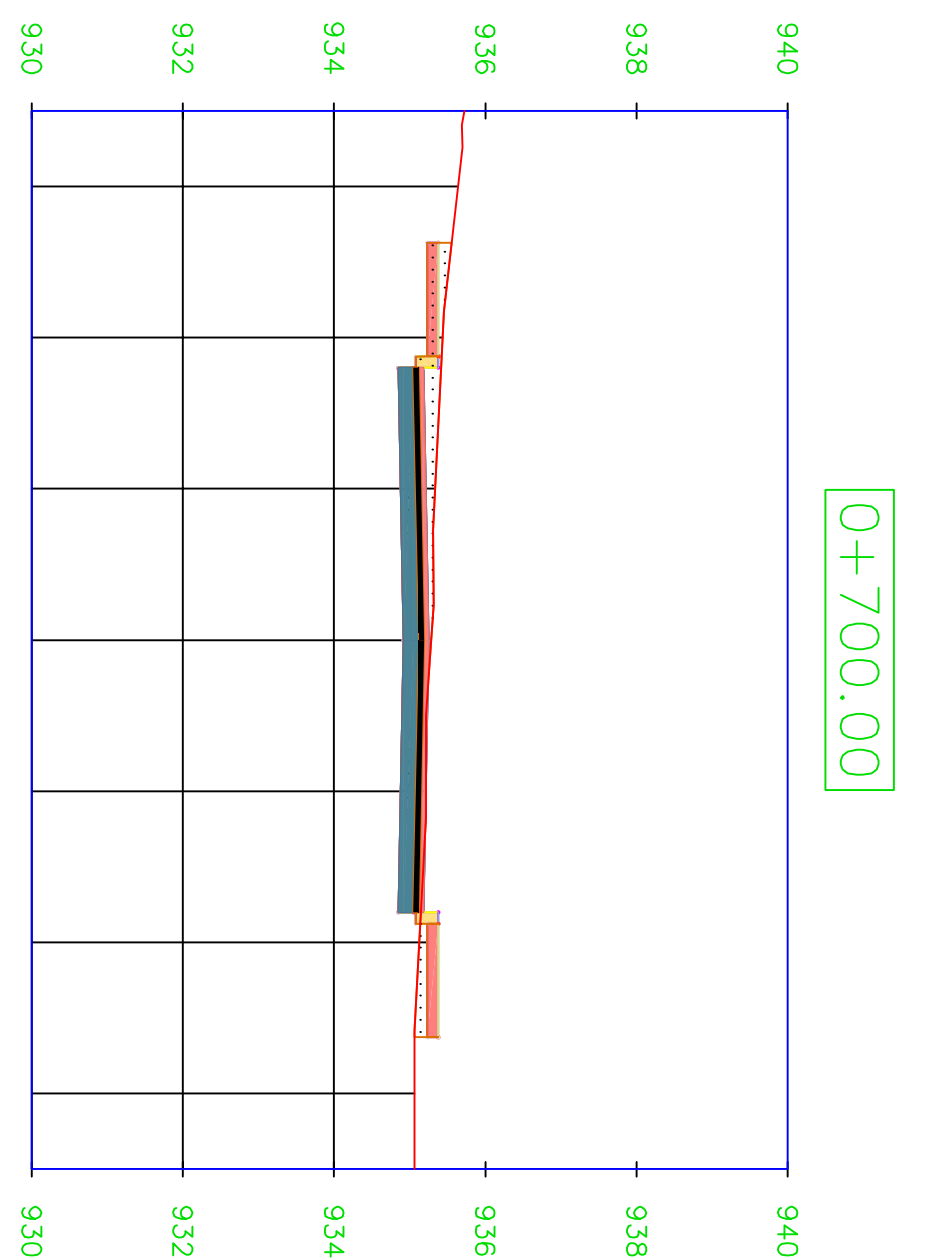
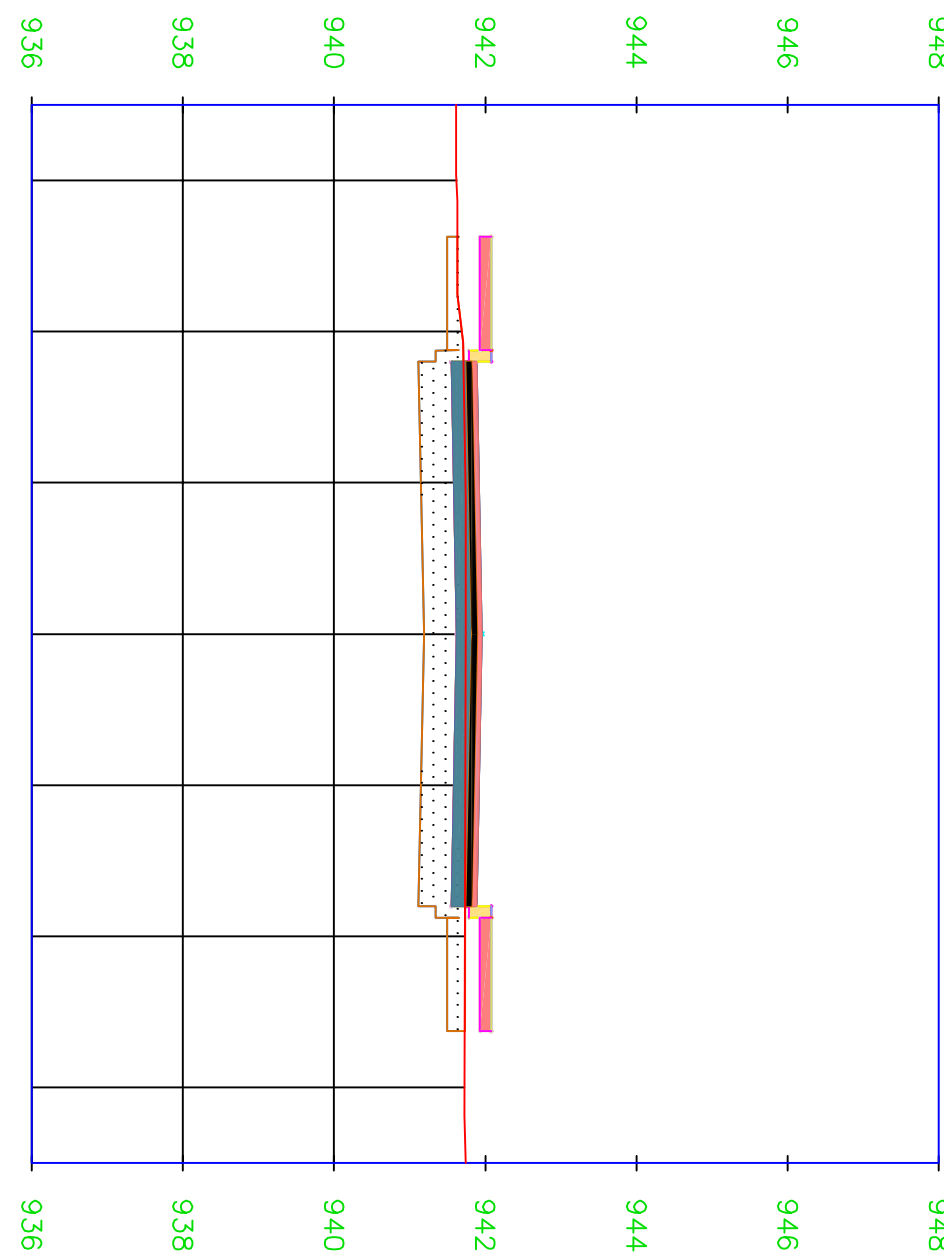
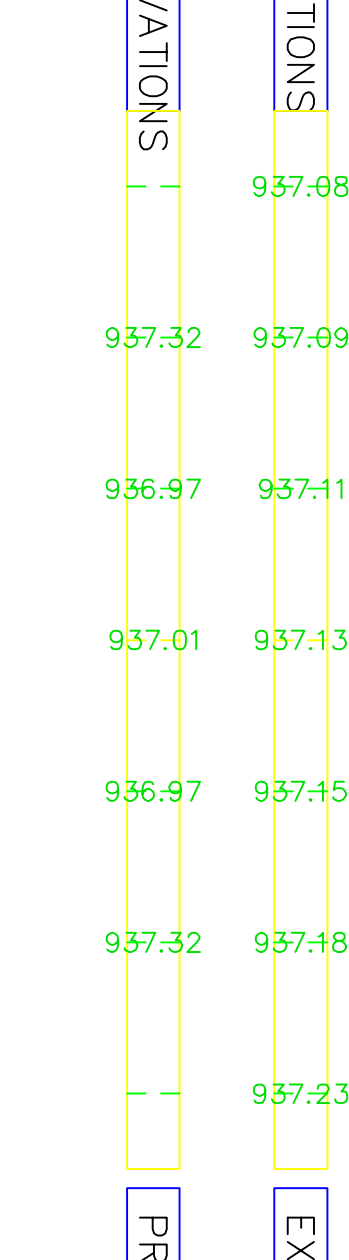
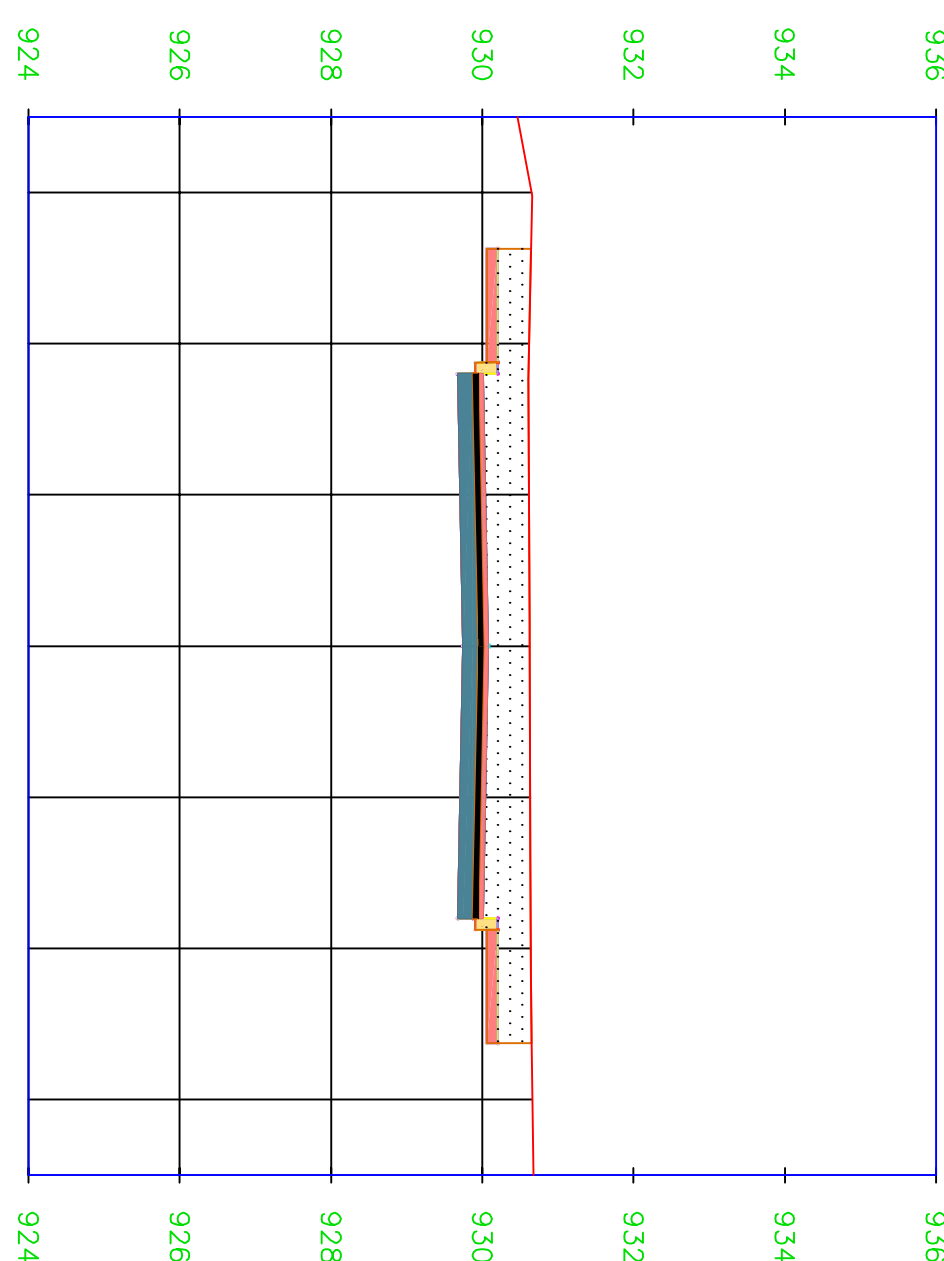
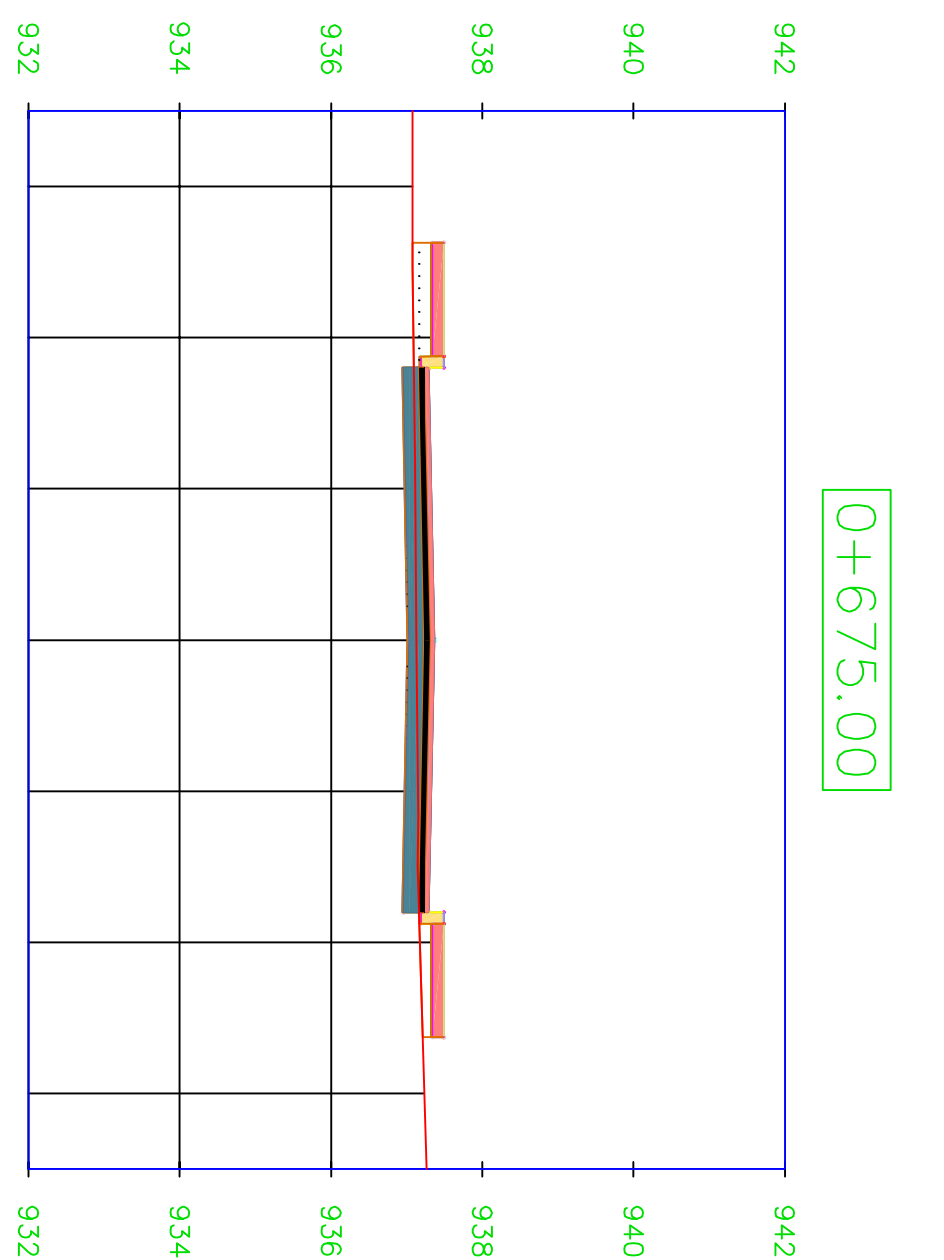
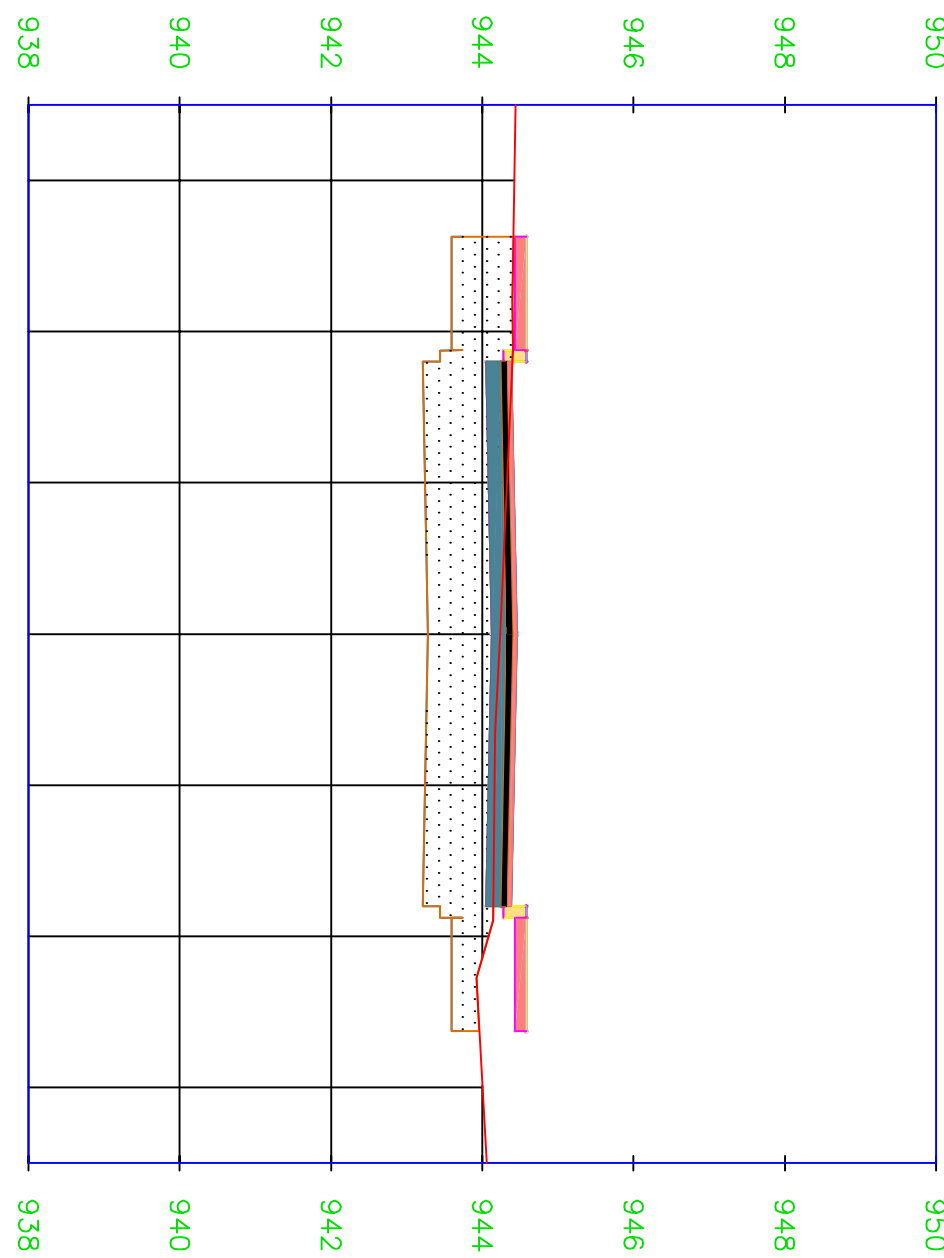
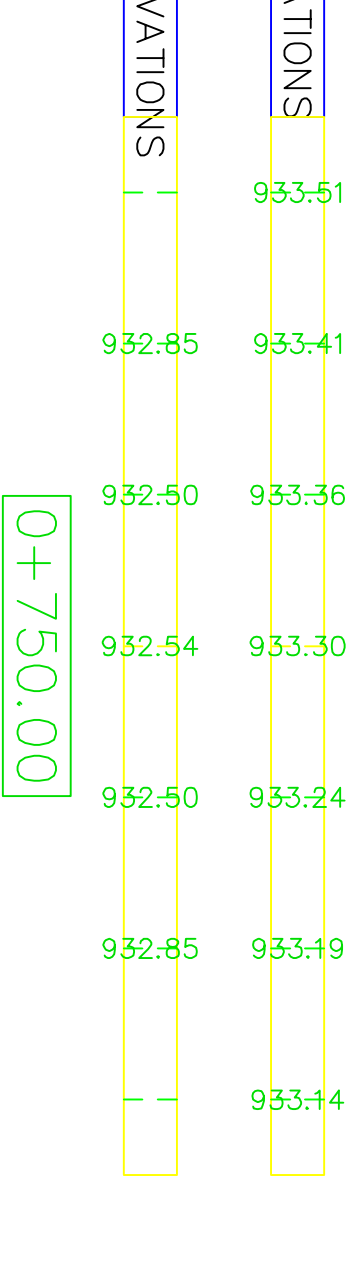
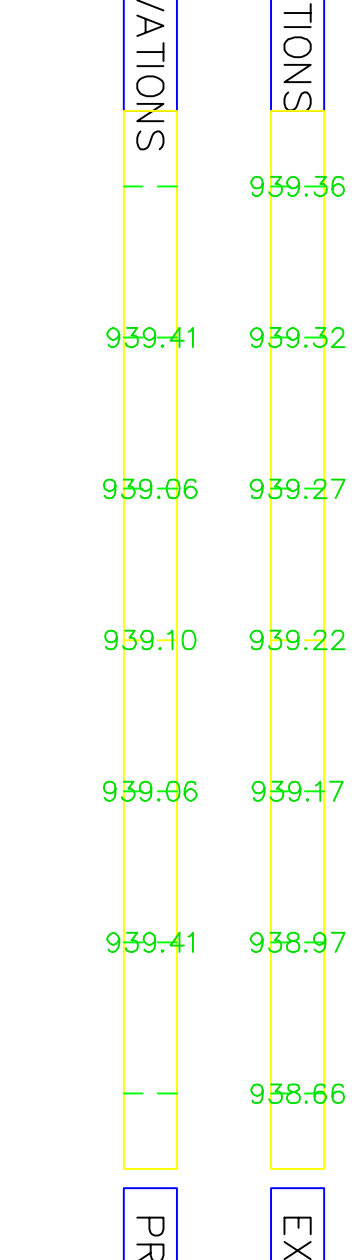
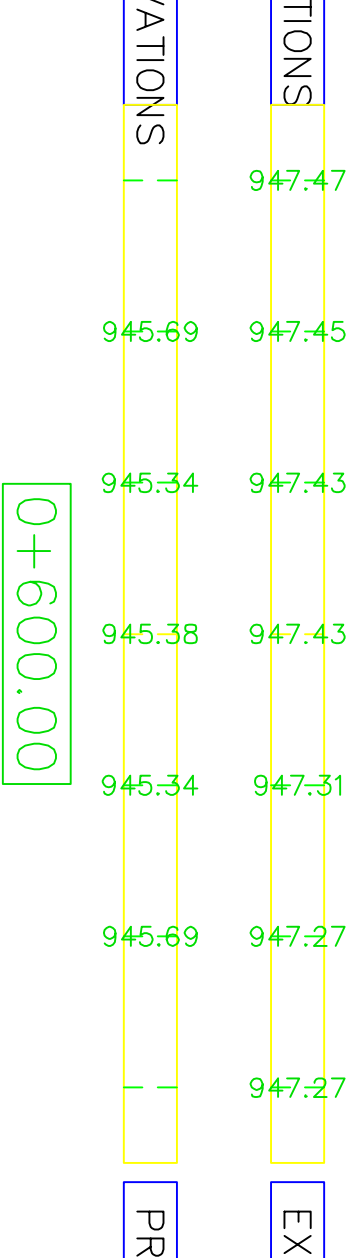
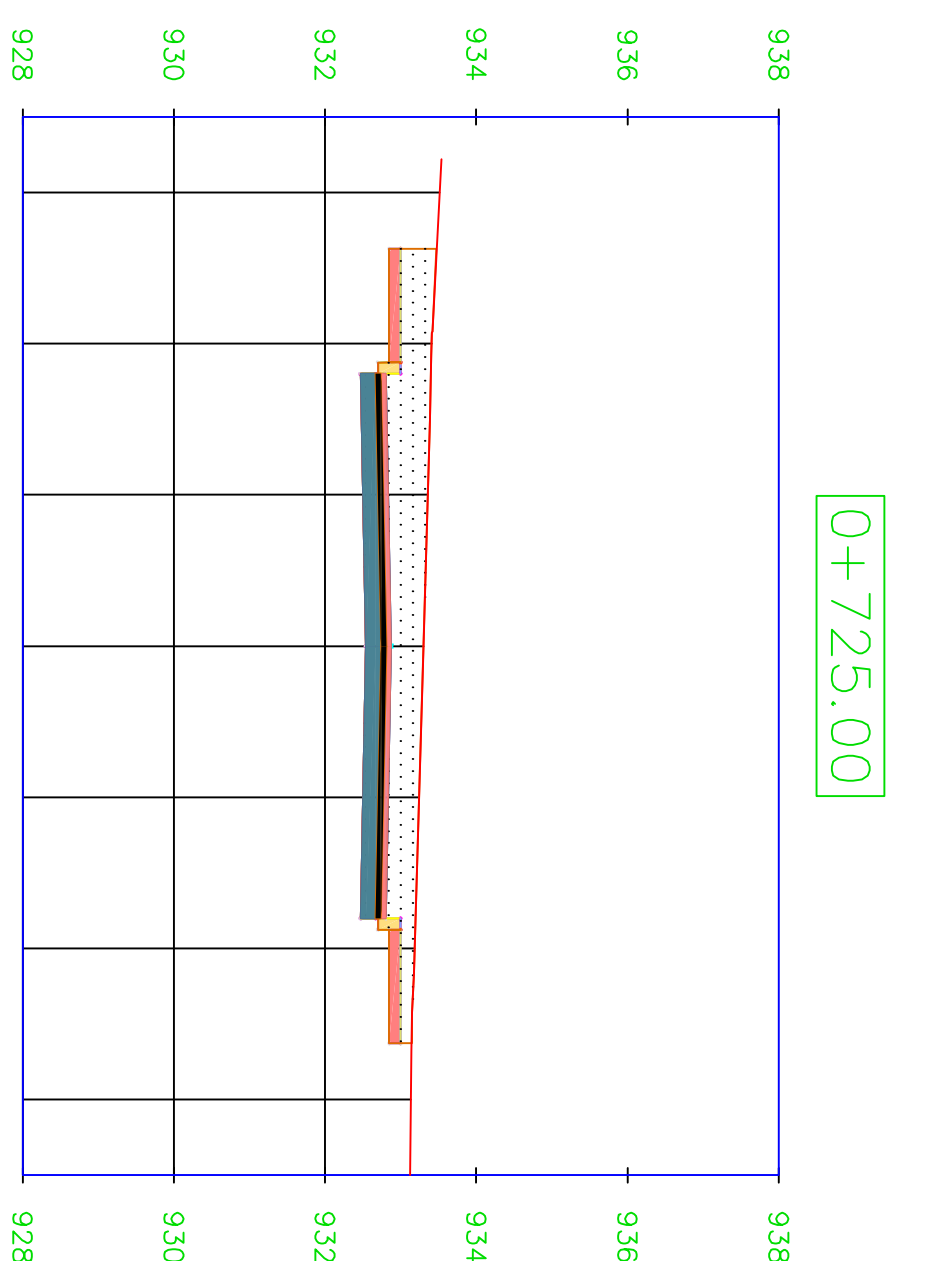
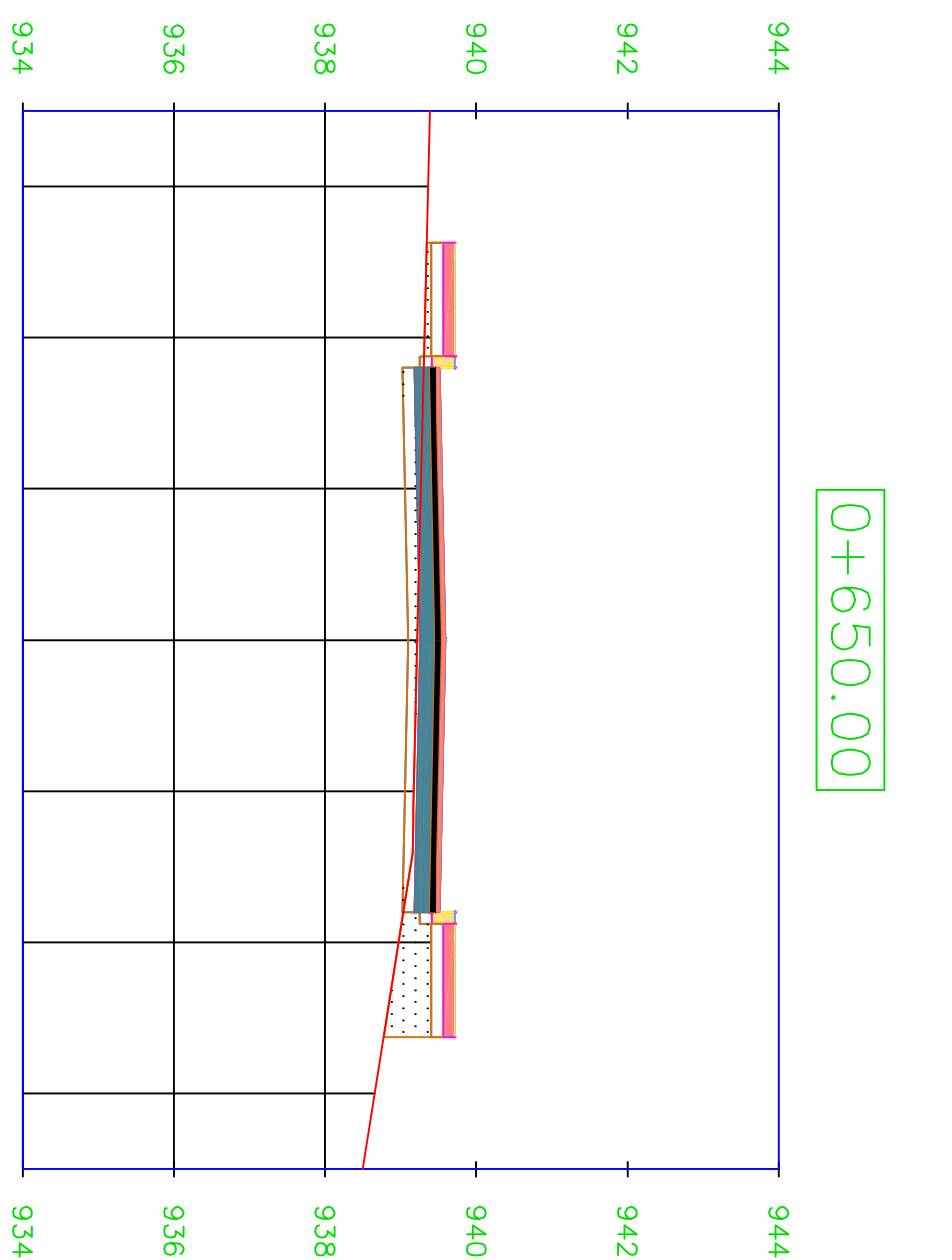
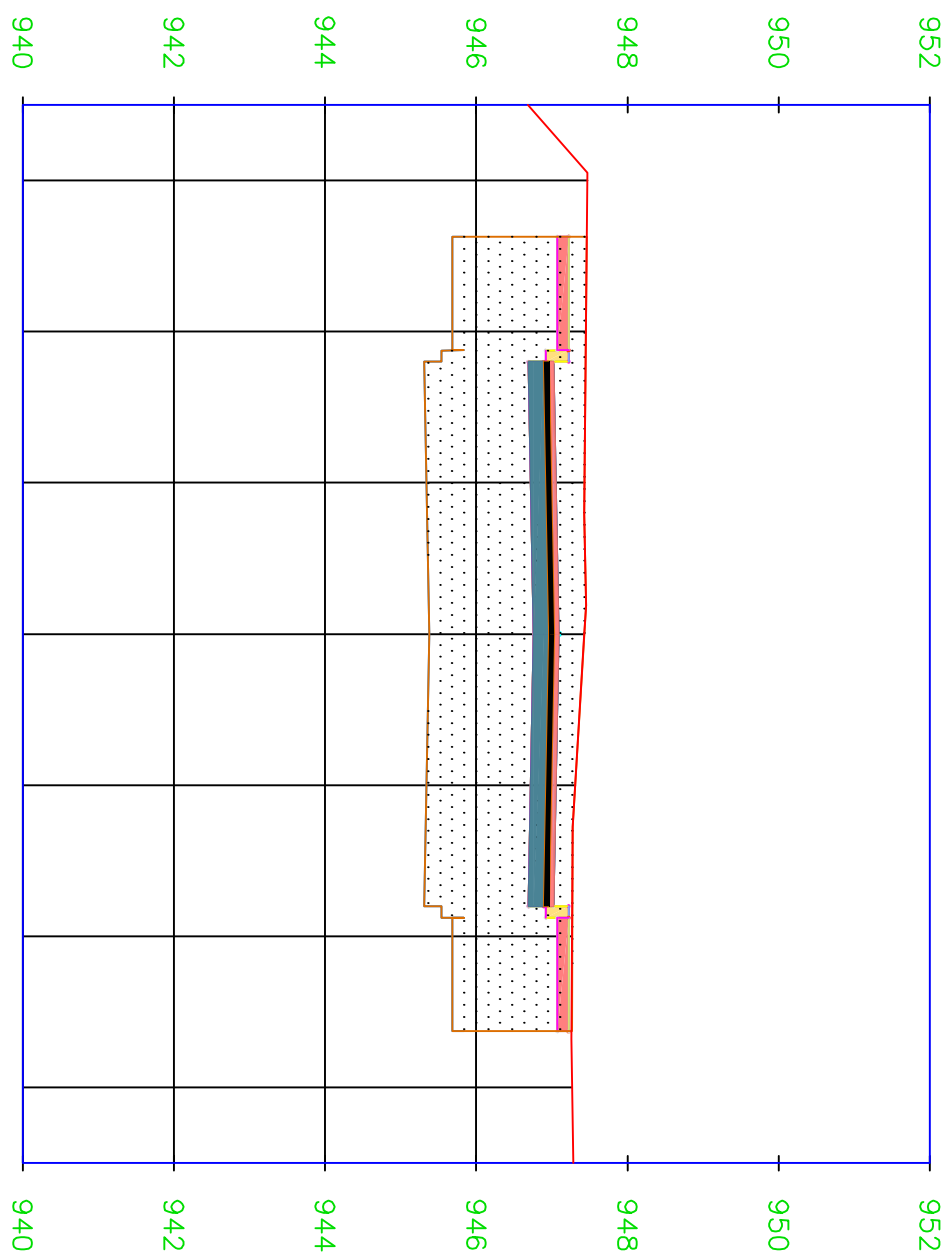
- Normal Ground Line
- Base
 - Asphalt2
 - Asphalt1

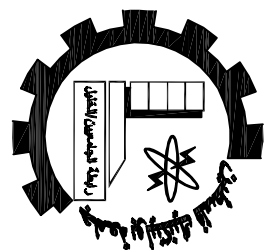
DRAWING TITLE :
CrossSections Of Almanshar ST

Supervisor :
Eng . Fyati Shekaneh

Designed By :
Obay Abu-Rayyan
Sana Allan
Qutaiba Al-Dweik

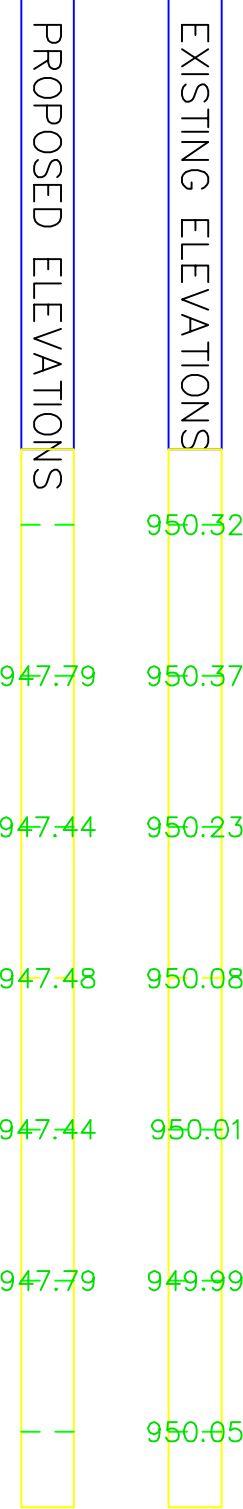
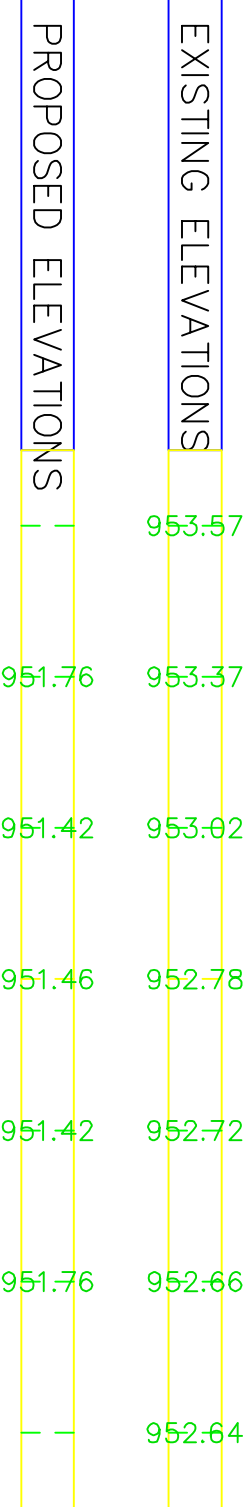
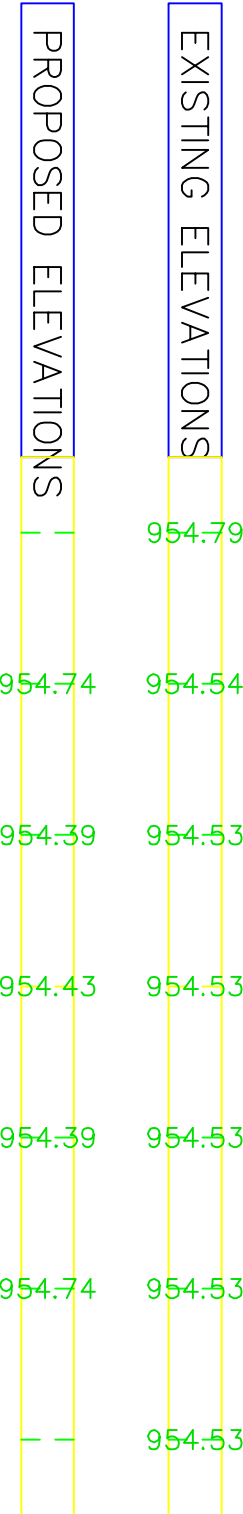
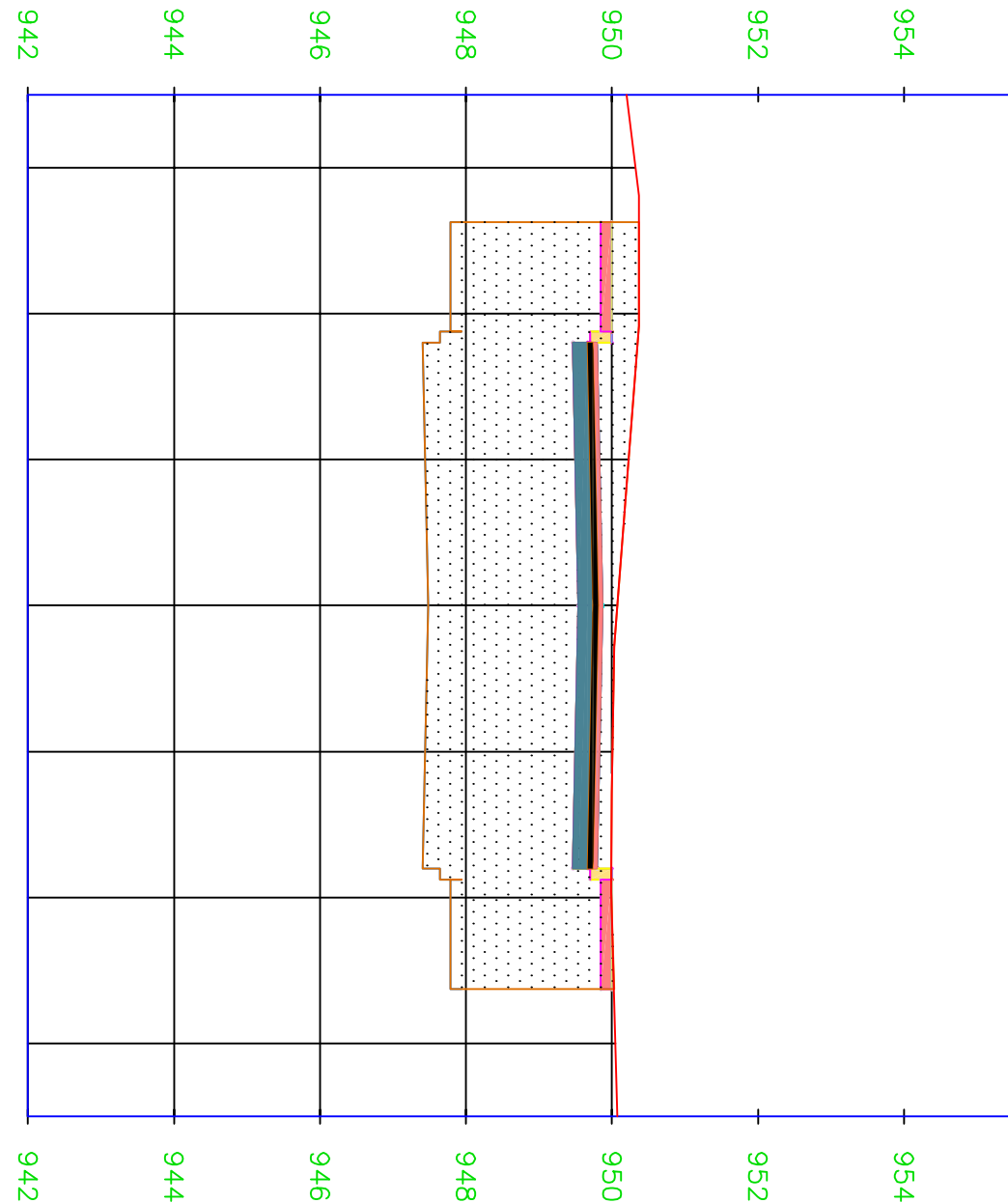
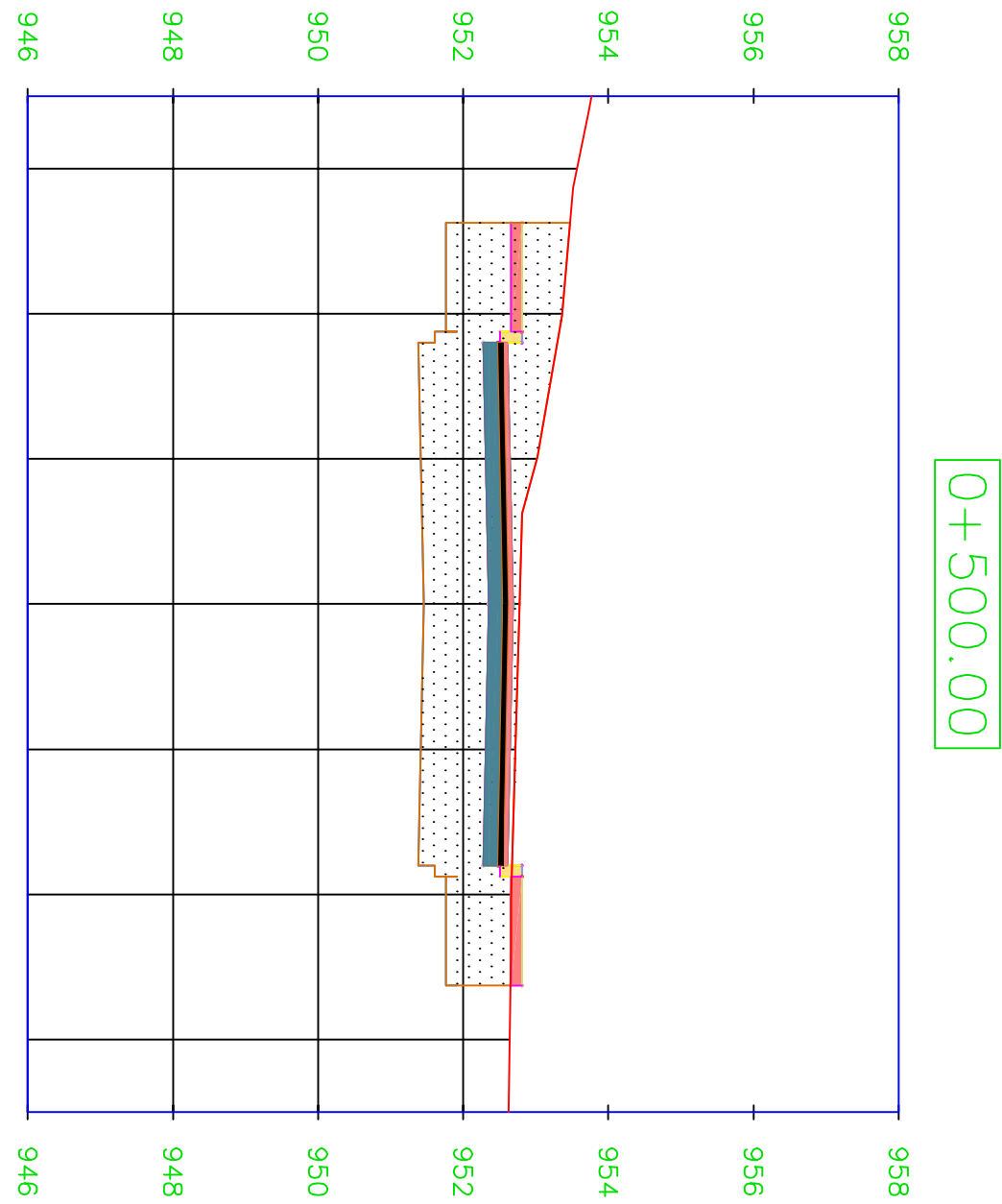
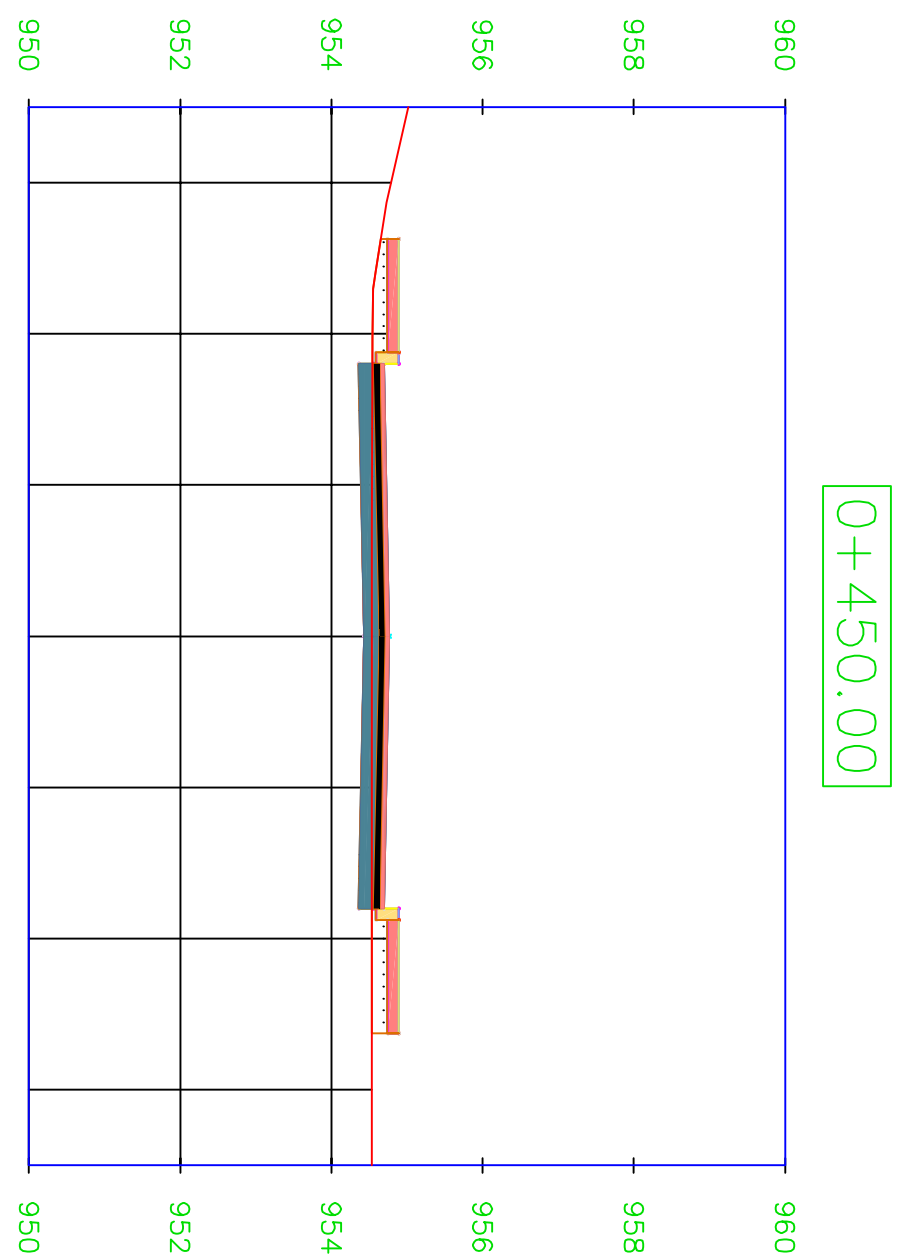
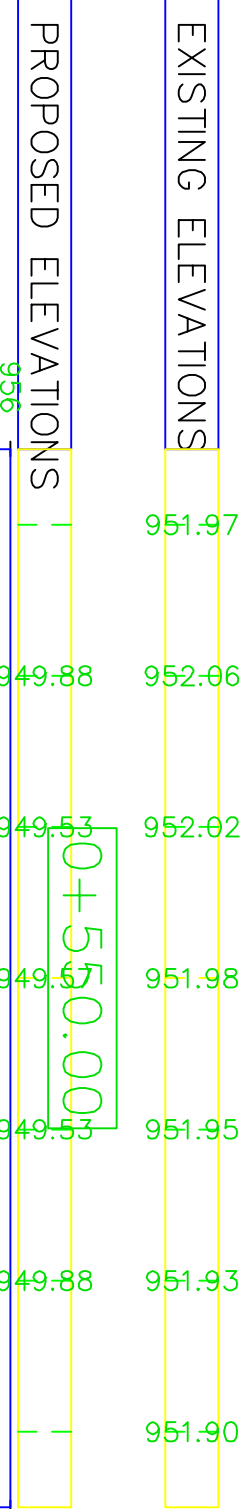
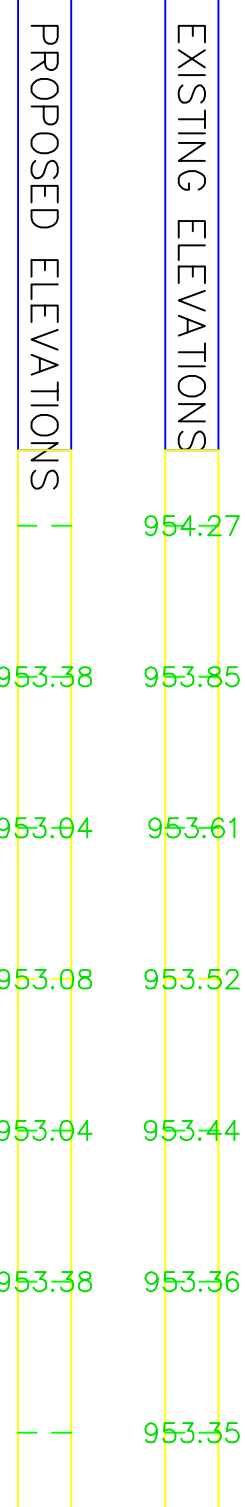
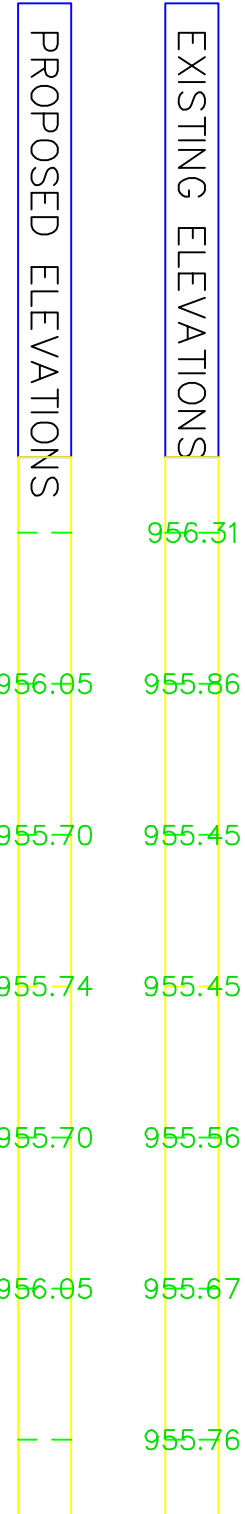
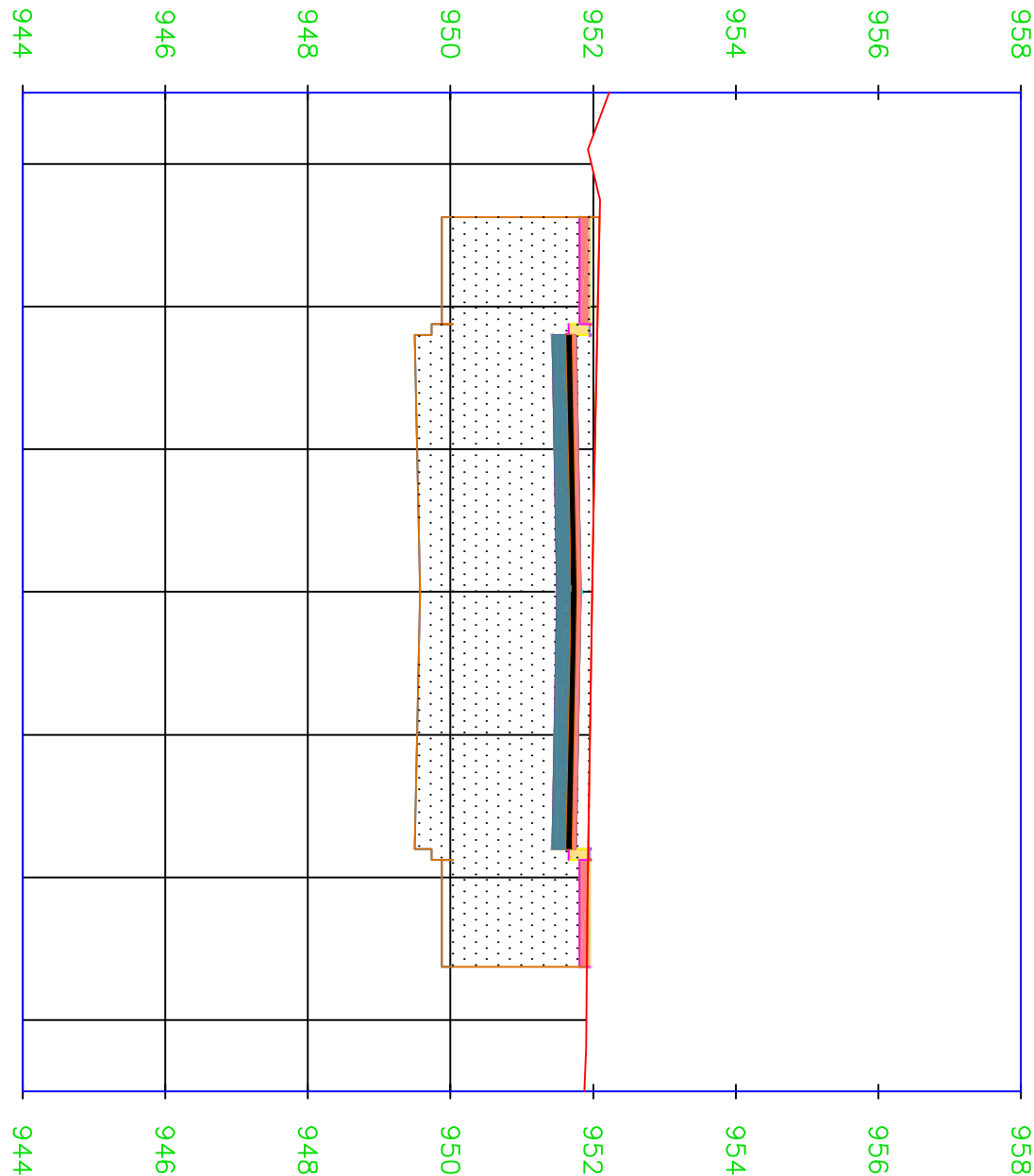
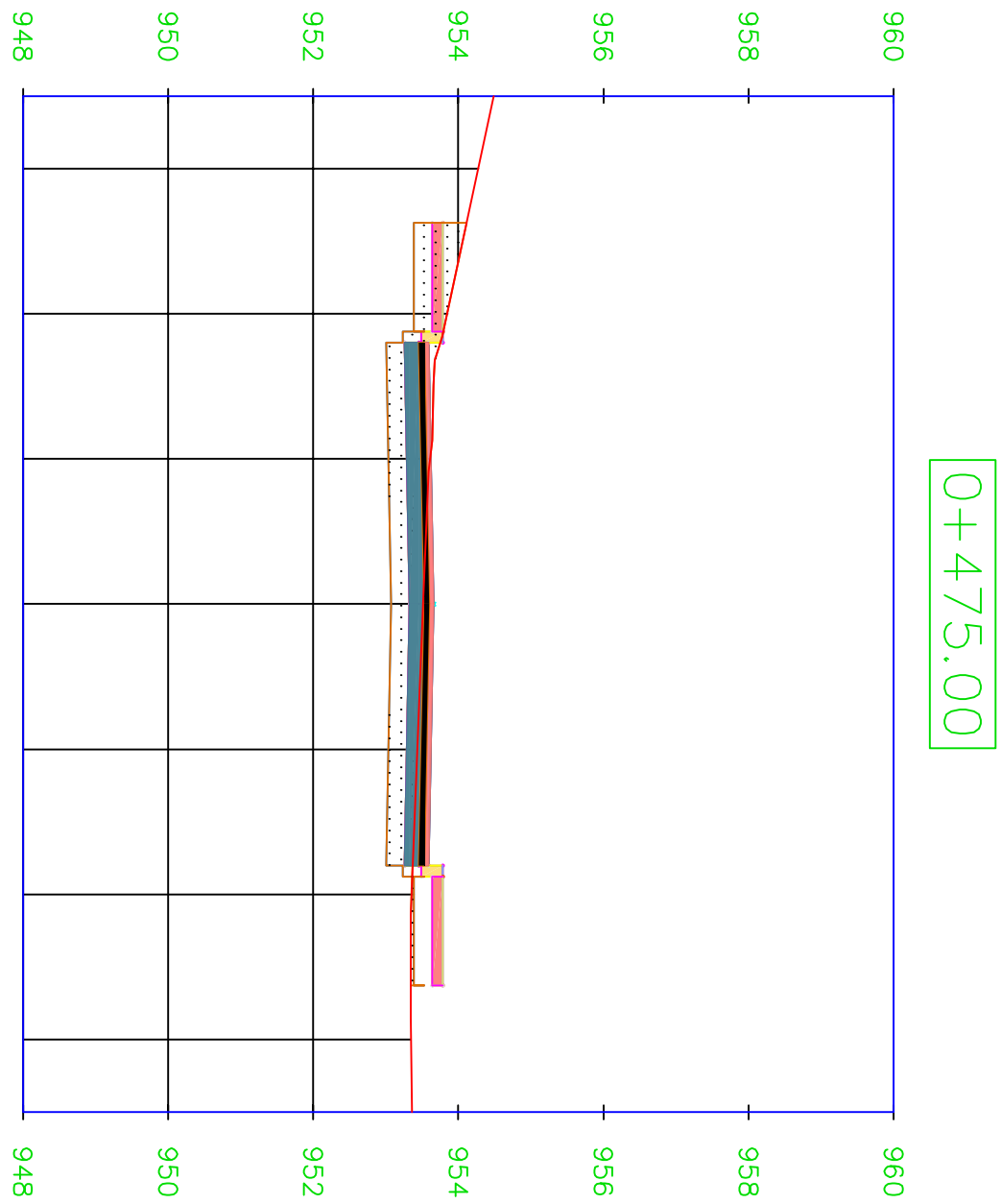
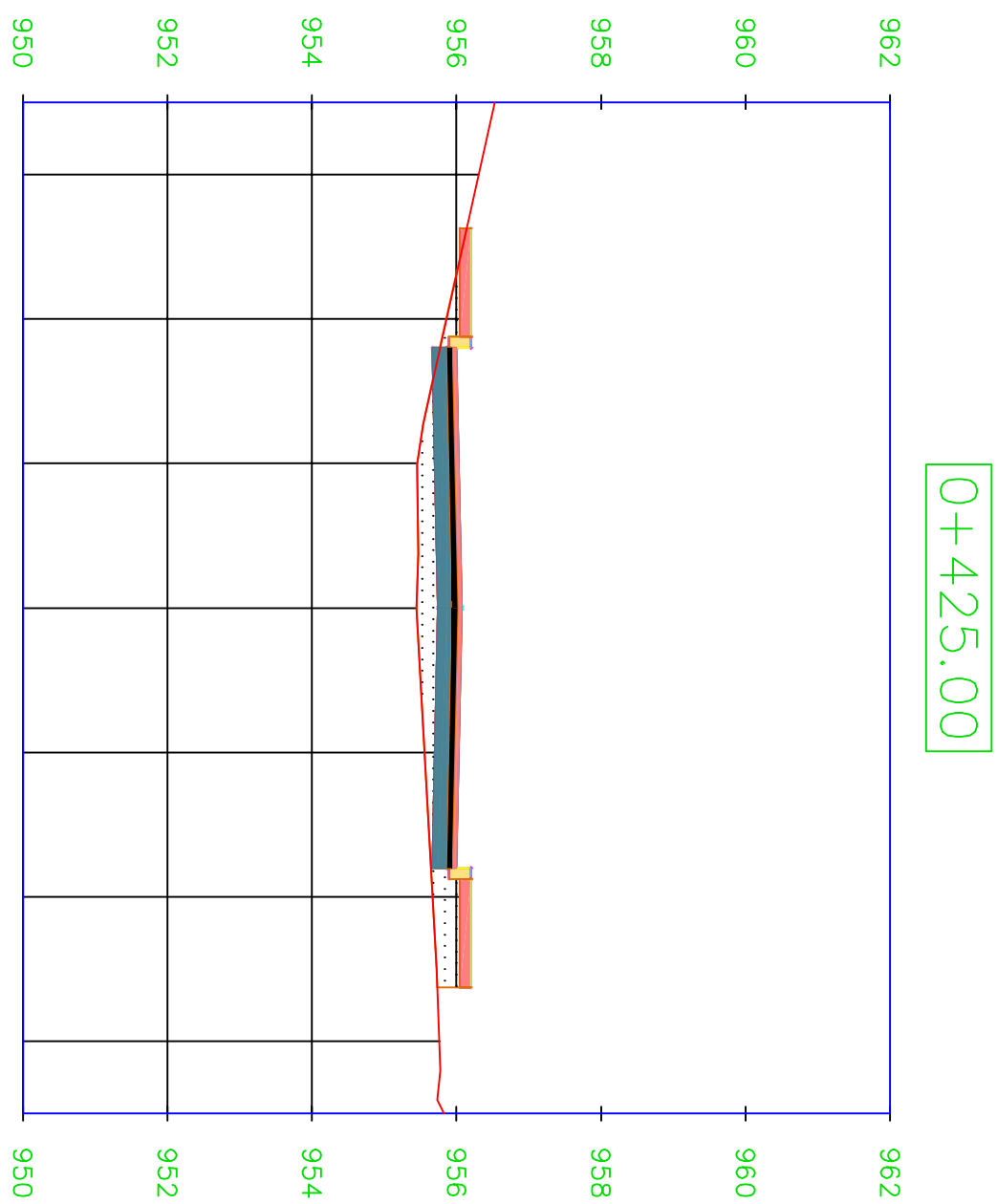
SCALE	NO OF	DATE
1/100	4	5/1/2017





Palestine Polytechnic University
Engineering College / Civil & Architectural Dept.
The Graduation Project
Redesign of Almanshar Road

0 500 1000



Legend And Abbreviation

Normal Ground Line

Base

Asphalt2

Asphalt1

DRAWING TITLE :

CrossSections of Almanshar ST

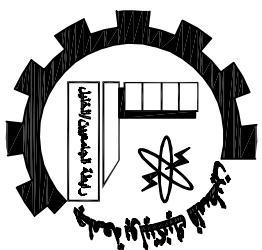
Supervisor :

Eng . Fyad Shabaneh

Designed By :

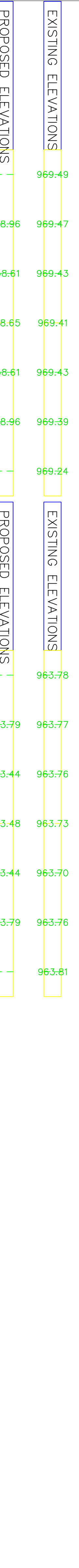
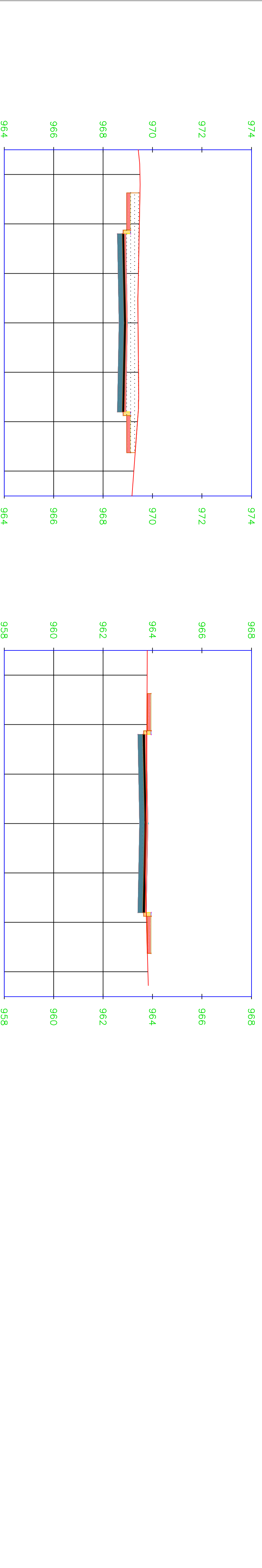
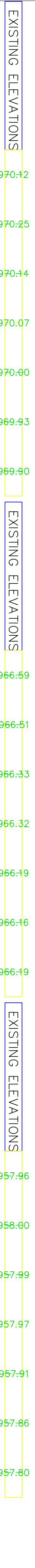
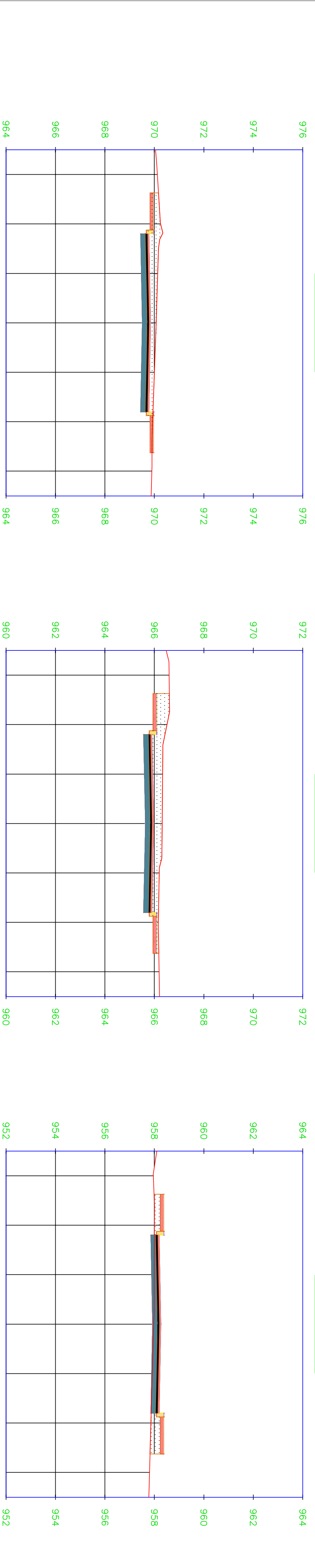
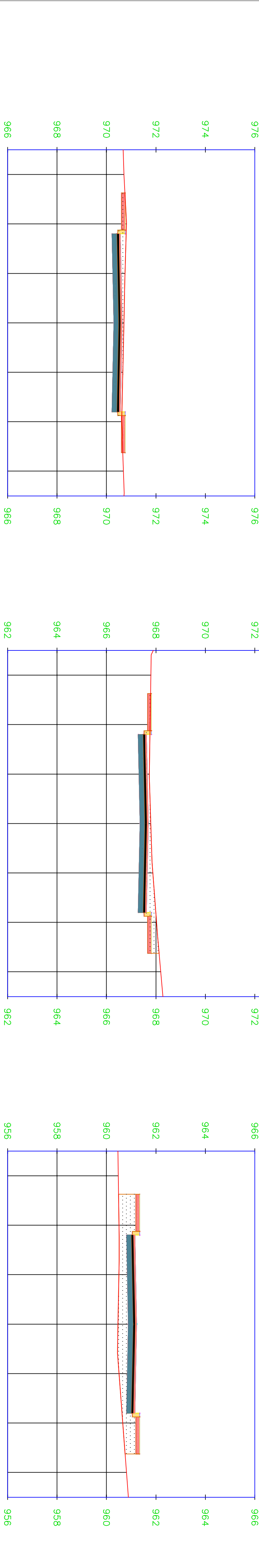
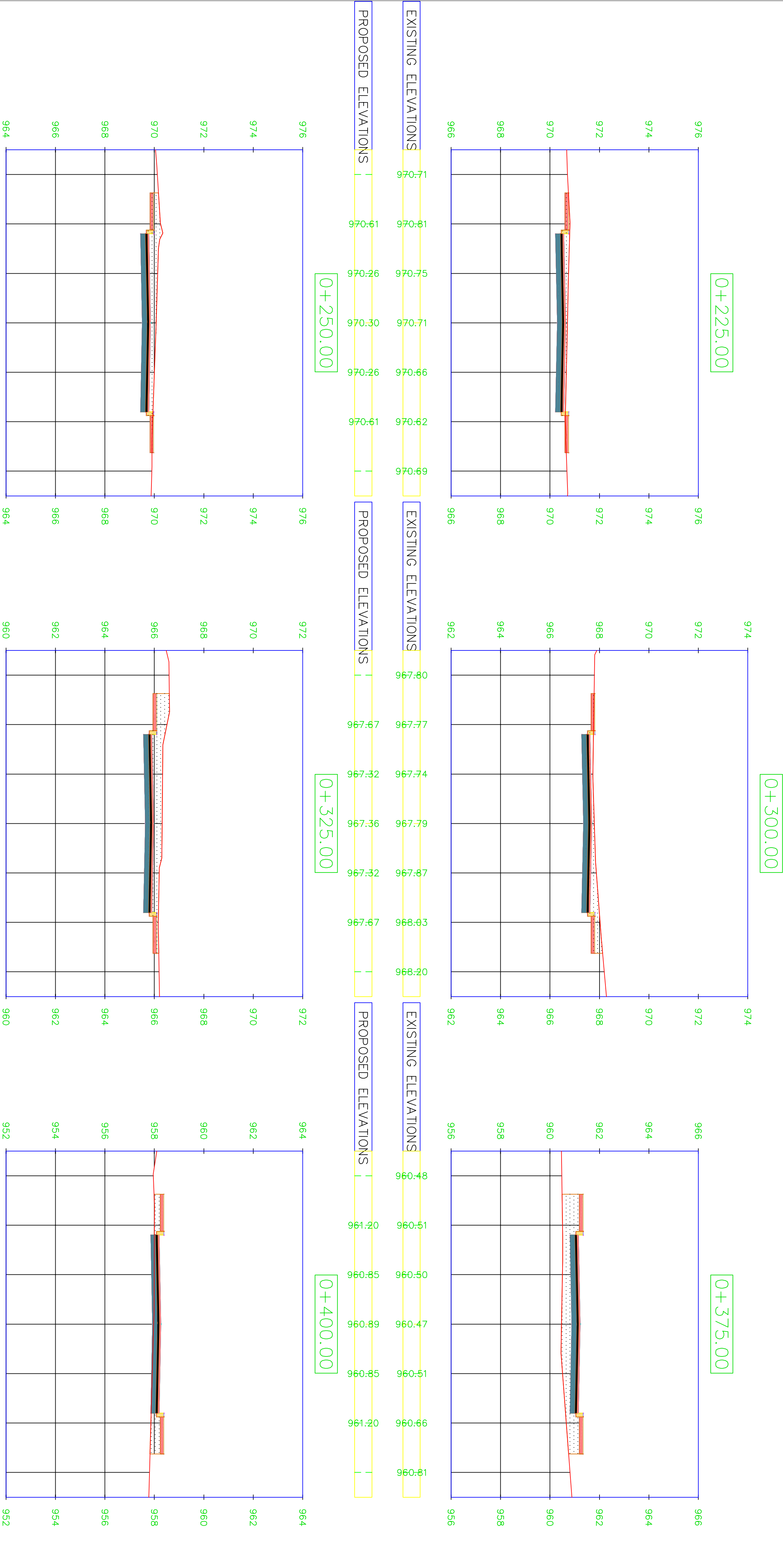
Obay Abu-Rayyan
Sana Allan
Qutaiba Al-Dweik

ROUTE	SCALE	DATE
1/100	3	5/1/2007



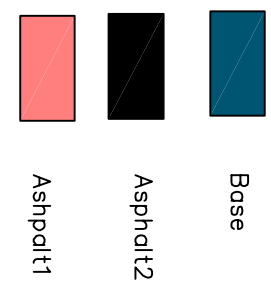
Palestine Polytechnic University
Engineering College / Civil & Architectural Dept
The Graduation Project
Redesign of Almanshar Road

0 500 1000



Legend And Abbreviation

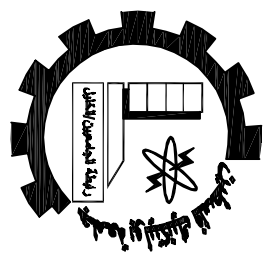
Normal Ground Line



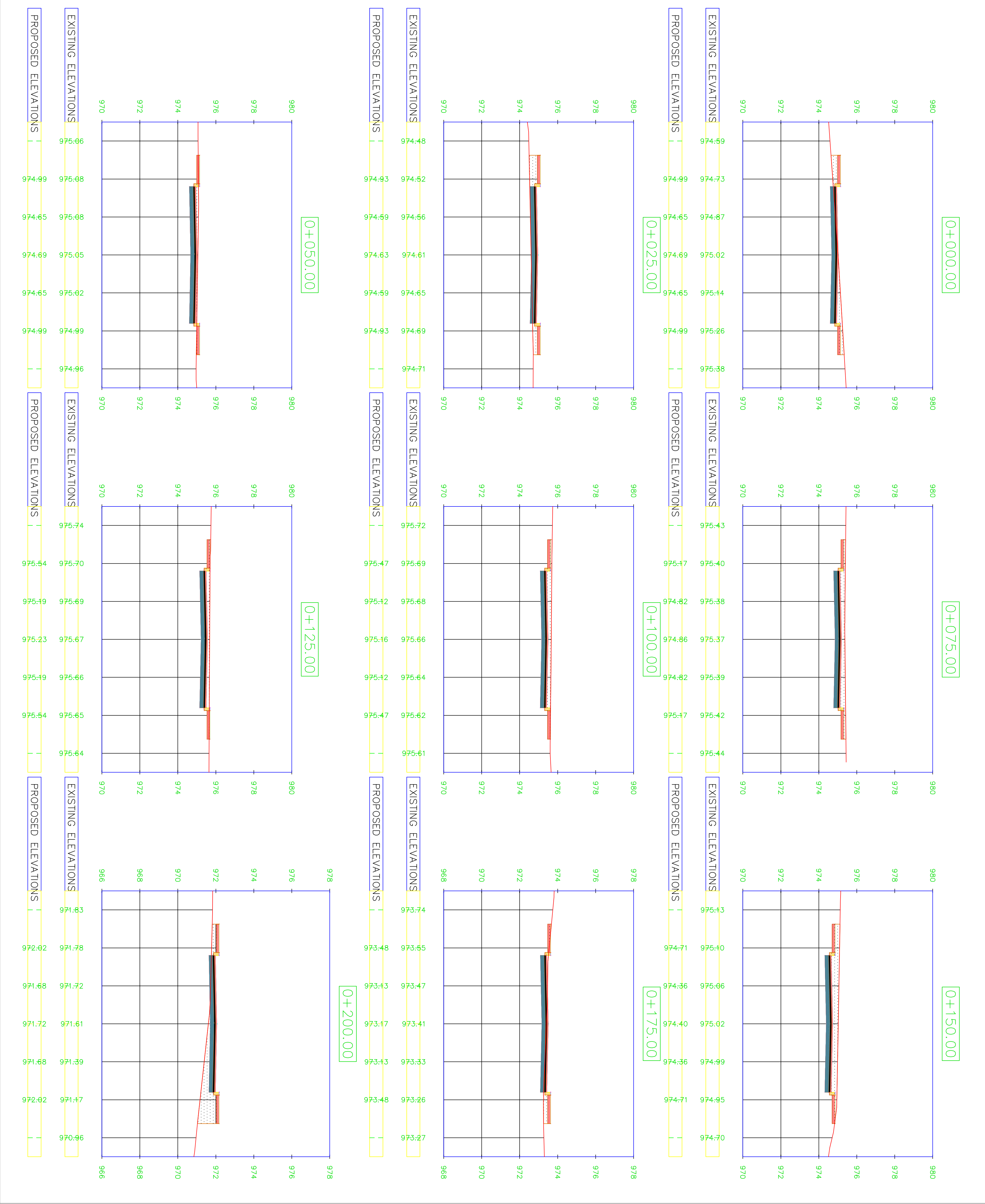
DRAWING TITLE :
CrossSections Of Almanshar ST
Supervisor :
Eng . Fyad Shabaneh

Desined By :
Obay Abu-Rayyan
Sana' Allan
Quteiba Al-Dweik

Scale	Ratio	Scale	Ratio
1:100	2	1:100	2



Palestine Polytechnic University
Engineering College / Civil & Architectural Dept.
The Graduation Project
Redesign of Almamhar Road



Legend And Abbreviation

Normal Ground Line

Base

Asphalt2

Asphalt1

DRAWING TITLE :

CrossSections Of Almamhar ST

Supervisor :

Eng . Fyke Shabaneh

Desined By :

Obay Abu-Rayyan
Sara Alian
Qutaiba Al-Dweik

SCALE	SCALE	DATE
1:1000	1	5/3/2023



Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduate Project
Redesign of Almanshar Road



Legend And Abbreviation

- Elecrice Point
- Telephone Point
- Tree
- ⊙ Manhole
- Center Line
- Concrete Wall
- Solid Wall
- Building

DRAWING TITLE :

Plan Of The Peoject Area

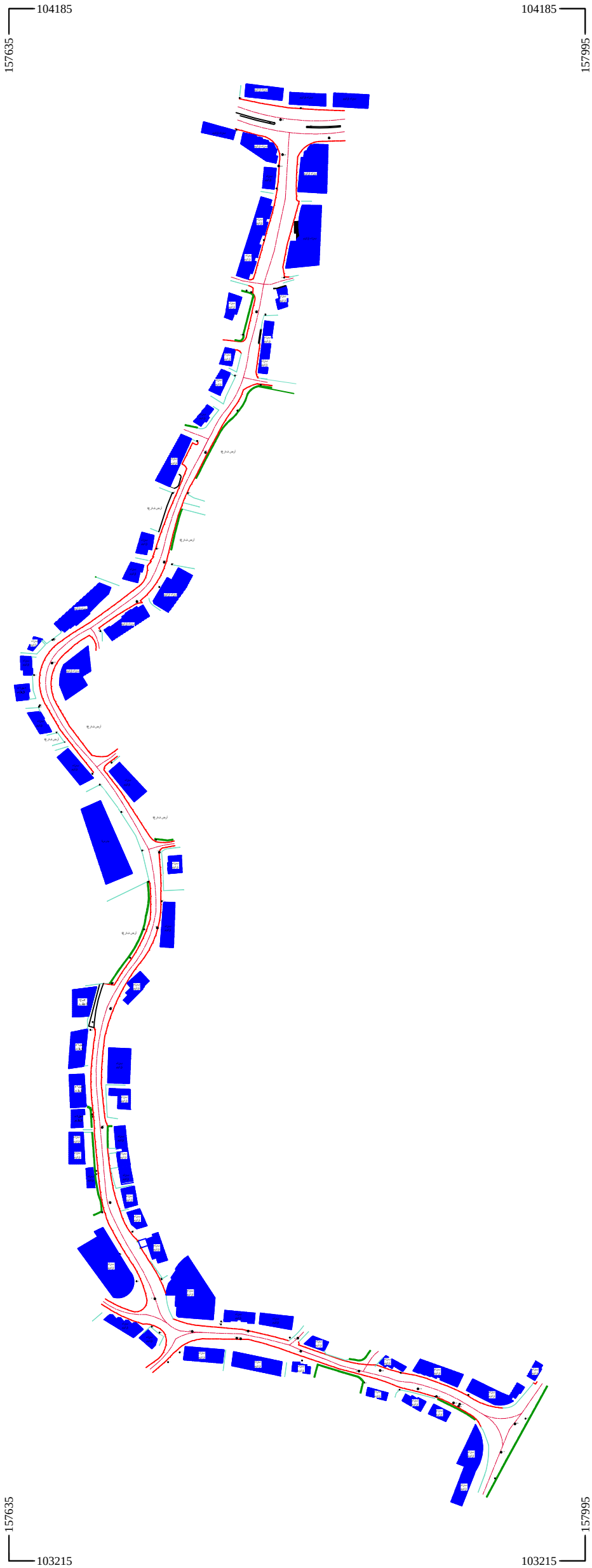
Supervisor :

Eng . Pydi Shabanah

Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

SCALE	NO. OF DRAW	DATE
1/3000	A3	18/12/2016





Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduate Project
Redesign of Almanshar Road



Legend And Abbreviation

- Border
- Countour Lines

DRAWING TITLE :
contour map for Almanshar st
Supervisor :
Eng . Fydi Shabanah

Desined By :
Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

SCALE	NO. OF DRAW	DATE
1/5000	A3	18/12/2016

157635
104185

104185
157995

157635
103215

103215
157995







Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduate Project
Redisgn of Almanshar Road



Legend And Abbreviation



Main Station

DRAWING TITLE :

Almanshar Road Path

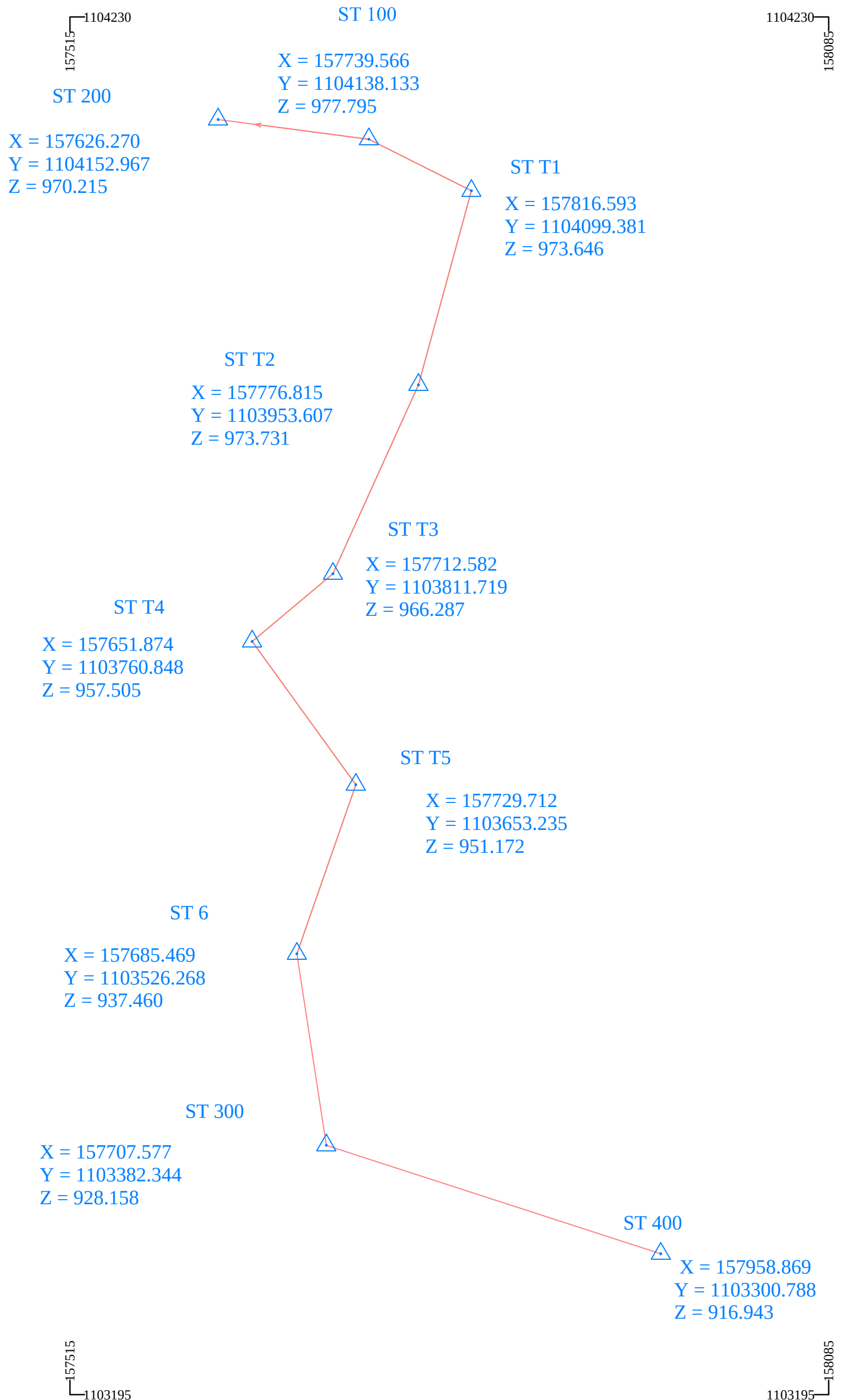
Supervisor :

Eng . Pydi Shabanah

Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

SCALE	NO.OF DRAW	DATE
1\8000	A3	18/12/2018



Volume Report

Client:

Client

Client Company

Address 1

Date: 5/2/2017 11:51:21 ص

Prepared by:

Preparer

Your Company Name

123 Main Street

Aignment: Alignment - 1

Sample Line Group: sampleline1

Start Sta: 0+000.00

End Sta: 1+058.48

Station	Cut Area (Sq.M.)	Cut Volume (Cu.M.)	Reusable Volume (Cu.M.)	Fill Area (Sq.M.)	Fill Volume (Cu.M.)	Cum. Cut Vol. (Cu.M.)	Cum. Reusable Vol. (Cu.M.)	Cum. Fill Vol. (Cu.M.)	Cum. Net Vol. (Cu.M.)
0+000.00	3.07	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00
0+025.00	0.20	40.89	40.89	1.13	19.90	40.89	19.90	19.90	20.98
0+050.00	3.07	40.84	40.84	0.02	14.52	81.72	34.42	34.42	47.30
0+075.00	4.87	99.19	99.19	0.00	0.24	180.91	34.66	34.66	146.25
0+100.00	4.52	117.39	117.39	0.00	0.00	298.30	34.66	34.66	263.64
0+125.00	3.98	106.24	106.24	0.00	0.00	404.54	34.66	34.66	369.88
0+150.00	5.81	122.33	122.33	0.00	0.00	526.88	34.67	34.67	492.21
0+175.00	2.12	99.59	99.59	0.35	4.16	626.47	38.82	38.82	587.64
0+200.00	0.16	28.49	28.49	2.86	40.13	654.96	78.95	78.95	576.01
0+225.00	3.60	46.84	46.84	0.00	36.22	701.79	115.17	115.17	586.62
0+250.00	5.15	109.29	109.29	0.00	0.00	811.08	115.18	115.18	695.90
0+275.00	7.40	156.82	156.82	0.00	0.00	967.90	115.18	115.18	852.73
0+300.00	4.41	147.31	147.31	0.00	0.00	1,115.21	115.18	115.18	1,000.04
0+325.00	6.37	134.96	134.96	0.00	0.00	1,250.17	115.18	115.18	1,135.00
0+350.00	2.11	106.01	106.01	0.06	0.76	1,356.18	115.94	115.94	1,240.24
0+375.00	0.00	26.36	26.36	4.44	56.05	1,382.54	171.99	171.99	1,210.55
0+400.00	0.45	5.32	5.32	0.99	67.77	1,387.86	239.76	239.76	1,148.10
0+425.00	0.04	5.89	5.89	1.95	37.49	1,393.75	277.25	277.25	1,116.50
0+450.00	0.96	12.50	12.50	0.60	31.86	1,406.25	309.11	309.11	1,097.13
0+475.00	2.16	38.98	38.98	0.46	13.16	1,445.22	322.28	322.28	1,122.95
0+500.00	5.16	92.36	92.36	0.00	5.58	1,537.59	327.86	327.86	1,209.73
0+525.00	4.48	122.02	122.02	0.00	0.02	1,659.60	327.88	327.88	1,331.72
0+550.00	5.57	126.45	126.45	0.00	0.00	1,786.05	327.88	327.88	1,458.17
0+575.00	5.72	142.21	142.21	0.00	0.00	1,928.26	327.88	327.88	1,600.38

0+600.00	1.16	86.52	86.52	0.72	8.63	2,014.78	336.52	336.52	1,678.27
0+625.00	1.06	27.55	27.55	0.74	18.68	2,042.33	355.19	355.19	1,687.14
0+650.00	0.16	15.27	15.27	1.66	30.44	2,057.60	385.63	385.63	1,671.97
0+675.00	0.95	13.98	13.98	0.63	28.63	2,071.59	414.27	414.27	1,657.32
0+700.00	3.26	52.53	52.53	0.19	10.28	2,124.12	424.55	424.55	1,699.57
0+725.00	7.26	131.47	131.47	0.00	2.42	2,255.59	426.97	426.97	1,828.63
0+750.00	8.55	197.43	197.43	0.00	0.00	2,453.03	426.97	426.97	2,026.06
0+775.00	0.00	106.93	106.93	2.04	25.62	2,559.96	452.58	452.58	2,107.37
0+800.00	0.17	2.16	2.16	1.92	49.56	2,562.12	502.14	502.14	2,059.98
0+825.00	2.54	34.16	34.16	0.12	25.40	2,596.28	527.55	527.55	2,068.74
0+850.00	4.84	86.97	86.97	0.13	3.07	2,683.26	530.61	530.61	2,152.64
0+875.00	2.62	93.47	93.47	0.03	1.90	2,776.72	532.51	532.51	2,244.21
0+900.00	3.63	78.46	78.46	0.00	0.36	2,855.18	532.87	532.87	2,322.31
0+925.00	4.07	96.18	96.18	0.00	0.06	2,951.36	532.93	532.93	2,418.43
0+950.00	6.60	133.22	133.22	0.00	0.00	3,084.57	532.93	532.93	2,551.65
0+975.00	0.26	85.40	85.40	1.12	14.09	3,169.98	547.01	547.01	2,622.96
1+000.00	1.70	24.52	24.52	0.06	14.70	3,194.49	561.72	561.72	2,632.78
1+025.00	1.07	34.80	34.80	0.49	6.64	3,229.30	568.36	568.36	2,660.94
1+050.00	2.12	39.95	39.95	0.14	7.77	3,269.25	576.12	576.12	2,693.12
1+058.48	3.46	23.66	23.66	0.09	0.97	3,292.91	577.09	577.09	2,715.82

			Coordinate System	
Project file data			Name:	Israel Map Grid
Name:	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah.vce		Datum:	Palestine_1923
Size:	270 KB		Zone:	Palestine_1923
Modified:	(UTC:2) 03/11/2016 01:41:27		Geoid:	ilum12
Time zone:	Jerusalem Standard Time		Vertical datum:	
Reference number:				
Description:				

Baseline Processing Report

Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
Dora --- 400 (B8)	Dora	400	Fixed	0.009	0.019	72°47'33"	5295.839	47.362
Dora --- 200 (B9)	Dora	200	Fixed	0.010	0.019	62°53'43"	5307.777	100.760
Dora --- 300 (B10)	Dora	300	Fixed	0.005	0.011	71°04'47"	5081.962	58.697
Dora --- 100 (B11)	Dora	100	Fixed	0.009	0.038	63°34'52"	5402.367	108.283

Acceptance Summary

Processed	Passed	Flag		Fail	
4	4	0		0	

Dora - 400 (Invalid leap seconds-Invalid leap seconds) (S8)

Baseline observation: Dora ---
 400 (B8)
Processed: Invalid
 leap
 seconds
Solution type: Fixed
Frequency used: Dual
 Frequency
 (L1, L2)
Horizontal precision: 0.009 m
Vertical precision: 0.019 m
RMS: 0.010 m
Maximum PDOP: 1.884
Ephemeris used: Broadcast
Antenna model: NGS
 Absolute
Processing start time: Invalid
 leap
 seconds
 (Local:
 UTC+2hr)
Processing stop time: Invalid
 leap
 seconds
 (Local:
 UTC+2hr)
Processing duration: 00:18:45
Processing interval: 15
 seconds

Vector Components (Mark to Mark)

From:		Dora			
Grid		Local		Global	
Easting	152892.244 m	Latitude	N31°30'26.32625"	Latitude	N31°30'27.66818"
Northing	1101737.494 m	Longitude	E35°01'45.65476"	Longitude	E35°01'48.45409"
Elevation	869.622 m	Height	873.069 m	Height	888.940 m

To:		400			
Grid		Local		Global	
Easting	157958.869 m	Latitude	N31°31'17.15514"	Latitude	N31°31'18.49376"
Northing	103300.788m	Longitude	E35°04'57.38791"	Longitude	E35°05'00.19570"
Elevation	916.943m	Height	920.431 m	Height	936.371 m

Vector					
Δ Easting	5061.404 m	NS Fwd Azimuth	72°47'33"	Δ X	-3543.159 m
Δ Northing	1558.242 m	Ellipsoid Dist.	5295.839 m	Δ Y	3695.108 m
Δ Elevation	47.244 m	Δ Height	47.362 m	Δ Z	1359.501 m

Standard Errors

Vector errors:					
σ Δ Easting	0.003 m	σ NS fwd Azimuth	0°00'00"	σ Δ X	0.007 m
σ Δ Northing	0.004 m	σ Ellipsoid Dist.	0.003 m	σ Δ Y	0.006 m
σ Δ Elevation	0.010 m	σ Δ Height	0.010 m	σ Δ Z	0.005 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000451845		
Y	0.0000324610	0.0000407068	
Z	0.0000259647	0.0000214212	0.0000302085

Occupations

	From	To
Point ID:	Dora	400
Data file:	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\Dora3061.16o	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\90463061.T02
Receiver type:	NetR9	R8 Model 3
Receiver serial number:		5037449046
Antenna type:	Zephyr Geodetic 2	R8 GNSS/SPS88x Internal
Antenna serial number:	-----	37449046
Antenna height (measured):	0.000 m	2.080 m

Antenna method:	Bottom of antenna mount	Bottom of antenna mount
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Processing style

Elevation mask:	10.0 deg
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Generate residuals:	Yes
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	Multiple Frequencies
Processing Interval:	Use all data
Force float:	No

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

Dora - 200 (Invalid leap seconds-Invalid leap seconds) (S9)

Baseline observation: Dora ---
 200 (B9)
Processed: Invalid
 leap
 seconds
Solution type: Fixed
Frequency used: Dual
 Frequency
 (L1, L2)
Horizontal precision: 0.010 m
Vertical precision: 0.019 m
RMS: 0.05m
Maximum PDOP: 2.059
Ephemeris used: Broadcast
Antenna model: NGS
 Absolute
Processing start time: Invalid
 leap
 seconds
 (Local:
 UTC+2hr)
Processing stop time: Invalid
 leap
 seconds
 (Local:
 UTC+2hr)
Processing duration: 00:57:45
Processing interval: 15
 seconds

Vector Components (Mark to Mark)

From:		Dora			
Grid		Local		Global	
Easting	152892.244 m	Latitude	N31°30'26.32625"	Latitude	N31°30'27.66818"
Northing	1101737.494 m	Longitude	E35°01'45.65476"	Longitude	E35°01'48.45409"
Elevation	869.622 m	Height	873.069 m	Height	888.940 m

To:		200			
Grid		Local		Global	
Easting	157626.27m	Latitude	N31°31'44.81254"	Latitude	N31°31'46.15007"
Northing	104152.967m	Longitude	E35°04'44.74565"	Longitude	E35°04'47.55312"
Elevation	970.215m	Height	973.829 m	Height	989.770 m

Vector					
ΔEasting	4728.877 m	NS Fwd Azimuth	62°53'43"	ΔX	-3678.715 m
ΔNorthing	2410.446 m	Ellipsoid Dist.	5307.777 m	ΔY	3192.256 m
ΔElevation	100.610 m	ΔHeight	100.760 m	ΔZ	2113.615 m

Standard Errors

Vector errors:					
σ ΔEasting	0.004 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.008 m
σ ΔNorthing	0.004 m	σ Ellipsoid Dist.	0.004 m	σ ΔY	0.006 m
σ ΔElevation	0.010 m	σ ΔHeight	0.010 m	σ ΔZ	0.005 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000591140		
Y	0.0000314175	0.0000369976	
Z	0.0000234015	0.0000197488	0.0000239728

Occupations

	From	To
Point ID:	Dora	200
Data file:	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\Dora306I.16o	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\90463060.T02
Receiver type:	NetR9	R8 Model 3
Receiver serial number:		5037449046
Antenna type:	Zephyr Geodetic 2	R8 GNSS/SPS88x Internal
Antenna serial number:	-----	37449046
Antenna height (measured):	0.000 m	1.770 m

Antenna method:	Bottom of antenna mount	Bottom of antenna mount
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Processing style

Elevation mask:	10.0 deg
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Generate residuals:	Yes
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	Multiple Frequencies
Processing Interval:	Use all data
Force float:	No

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

Dora - 300 (Invalid leap seconds-Invalid leap seconds)

(S10)

Baseline observation: Dora ---
300 (B10)

Processed: Invalid
leap
seconds

Solution type: Fixed

Frequency used: Dual
Frequency
(L1, L2)

Horizontal precision: 0.005 m

Vertical precision: 0.011 m

RMS: 0.009 m

Maximum PDOP: 1.834

Ephemeris used: Broadcast

Antenna model: NGS
Absolute

Processing start time: Invalid
leap
seconds
(Local:
UTC+2hr)

Processing stop time: Invalid
leap
seconds
(Local:
UTC+2hr)

Processing duration: 00:38:00

Processing interval: 15
seconds

Vector Components (Mark to Mark)

From:		Dora			
Grid		Local		Global	
Easting	152892.244 m	Latitude	N31°30'26.32625"	Latitude	N31°30'27.66818"
Northing	1101737.494 m	Longitude	E35°01'45.65476"	Longitude	E35°01'48.45409"

Elevation	869.622 m	Height	873.069 m	Height	888.940 m
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To:	300				
Grid		Local		Global	
Easting	157707.577 m	Latitude	N31°31'19.79423"	Latitude	N31°31'21.13279"
Northing	103382.344m	Longitude	E35°04'47.86062"	Longitude	E35°04'50.66803"
Elevation	928.158m	Height	931.766 m	Height	947.703 m

Vector					
ΔEasting	4810.128 m	NS Fwd Azimuth	71°04'47"	ΔX	-3425.538 m
ΔNorthing	1639.822 m	Ellipsoid Dist.	5081.962 m	ΔY	3470.497 m
ΔElevation	58.579 m	ΔHeight	58.697 m	ΔZ	1434.723 m

Standard Errors

Vector errors:					
σ ΔEasting	0.002 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.004 m
σ ΔNorthing	0.002 m	σ Ellipsoid Dist.	0.002 m	σ ΔY	0.004 m
σ ΔElevation	0.006 m	σ ΔHeight	0.006 m	σ ΔZ	0.003 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0000167919		
Y	0.0000120653	0.0000148379	
Z	0.0000092107	0.0000078788	0.0000104488

Occupations

	From	To
Point ID:	Dora	300
Data file:	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\Dora306I.16o	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\06413061.T01
Receiver type:	NetR9	R8 Model 2
Receiver serial number:		4815150641
Antenna type:	Zephyr Geodetic 2	R8 GNSS/SPS88x Internal
Antenna serial number:	-----	15150641

Antenna height (measured):	0.000 m	1.620 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Processing style

Elevation mask:	10.0 deg
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Generate residuals:	Yes
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	Multiple Frequencies
Processing Interval:	Use all data
Force float:	No

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

Dora - 100 (Invalid leap seconds-Invalid leap seconds)

(S11)

Baseline observation: Dora ---
100 (B11)

Processed: Invalid
leap
seconds

Solution type: Fixed

Frequency used: Dual
Frequency
(L1, L2)

Horizontal precision: 0.009 m

Vertical precision: 0.038 m

RMS: 0.1545 m

Maximum PDOP: 2.103

Ephemeris used: Broadcast

Antenna model: NGS
Absolute

Processing start time: Invalid
leap
seconds
(Local:
UTC+2hr)

Processing stop time: Invalid
leap
seconds
(Local:
UTC+2hr)

Processing duration: 01:06:00

Processing interval: 15
seconds

Vector Components (Mark to Mark)

From:		Dora			
Grid		Local		Global	
Easting	152892.244 m	Latitude	N31°30'26.32625"	Latitude	N31°30'27.66818"
Northing	1101737.494 m	Longitude	E35°01'45.65476"	Longitude	E35°01'48.45409"

Elevation	869.622 m	Height	873.069 m	Height	888.940 m
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To:		100			
Grid		Local		Global	
Easting	157739.566 m	Latitude	N31°31'44.33516"	Latitude	N31°31'45.67268"
Northing	104138.133m	Longitude	E35°04'49.04083"	Longitude	E35°04'51.84847"
Elevation	977.795 m	Height	981.352 m	Height	997.295 m

Vector					
ΔEasting	4842.177 m	NS Fwd Azimuth	63°34'52"	ΔX	-3732.309 m
ΔNorthing	2395.607 m	Ellipsoid Dist.	5402.367 m	ΔY	3293.108 m
ΔElevation	108.133 m	ΔHeight	108.283 m	ΔZ	2105.015 m

Standard Errors

Vector errors:					
σ ΔEasting	0.003 m	σ NS fwd Azimuth	0°00'00"	σ ΔX	0.014 m
σ ΔNorthing	0.003 m	σ Ellipsoid Dist.	0.003 m	σ ΔY	0.009 m
σ ΔElevation	0.019 m	σ ΔHeight	0.019 m	σ ΔZ	0.010 m

Aposteriori Covariance Matrix (Meter²)

	X	Y	Z
X	0.0001948428		
Y	0.0001225030	0.0000881603	
Z	0.0001342259	0.0000842414	0.0001063157

Occupations

	From	To
Point ID:	Dora	100
Data file:	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\Dora306I.16o	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah\06413060.T01
Receiver type:	NetR9	R8 Model 2
Receiver serial number:		4815150641
Antenna type:	Zephyr Geodetic 2	R8 GNSS/SPS88x Internal
Antenna serial number:	-----	15150641

Antenna height (measured):	0.000 m	1.855 m
Antenna method:	Bottom of antenna mount	Bottom of antenna mount

Processing style

Elevation mask:	10.0 deg
Auto start processing:	Yes
Start automatic ID numbering:	AUTO0001
Continuous vectors:	No
Generate residuals:	Yes
Antenna model:	Automatic
Ephemeris type:	Automatic
Frequency:	Multiple Frequencies
Processing Interval:	Use all data
Force float:	No

Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

11/3/2016 3:25:14 PM	C:\Users\Mutazq\Documents\Trimble Business Center\qutaibah.vce	Trimble Business Center
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Survey Report

Job name	kotayba dwik
Version	580
Start date:	04 Nov 2016
End date:	04 Nov 2016
Distance Units	Meters
Angle units	Degrees
Pressure Units	inHg
Temperature Units	Fahrenheit

Coordinate system (Job)	
System	Israel Map Grid
Zone	Palastine New Grid
Datum	Israel New Grid (ITM) (1)
Projection	
Projection	Transverse Mercator
Origin lat	31°44'03.81700"N
Origin long	35°12'16.26100"E
False northing	126907.390
False easting	169529.584
Scale	1.00000670
South azimuth (grid)	No
Grid coords	Increase North-East

Local site	
Type	Grid
Datum transformation	
Type	Seven parameter
Semi-major axis	6378137.000
Flattening	298.257223
Rotation X	0°00'00.3306"
Rotation Y	0°00'01.8571"
Rotation Z	0°00'01.6483"
Translation X	-23.809

Translation Y	-17.594
Translation Z	-17.801
Scale	5.43740ppm
Vertical adjustment	
Geoid file	ilum12

Collected Field Data

Note	Created by version 5.6.4, T41 (29631590228).
Corrections	
South azimuth (grid)	No
Grid coords	Increase North-East
Magnetic declination	0°00'00"
Distances	Grid
Neighborhood adjustment	Off

Projection	
Projection	Transverse Mercator
Origin lat	31°44'03.81700"N
Origin long	35°12'16.26100"E
False northing	126907.390
False easting	169529.584
Scale	1.00000670

Local site	
Type	Grid
Datum transformation	
Type	Seven parameter
Semi-major axis	6378137.000
Flattening	298.257223
Rotation X	0°00'00.3306"
Rotation Y	0°00'01.8571"
Rotation Z	0°00'01.6483"
Translation X	-23.809
Translation Y	-17.594
Translation Z	-17.801

Scale	5.43740ppm
Vertical adjustment	
Geoid file	ilum12
Coordinate system	
System	Israel Map Grid
Zone	Palastine New Grid
Datum	Israel New Grid (ITM) (1)

Point	VRS1	Latitude	31°31'44.85054"N	Longitude	35°04'54.88260"E	Height	994.644	Description	Base Setup
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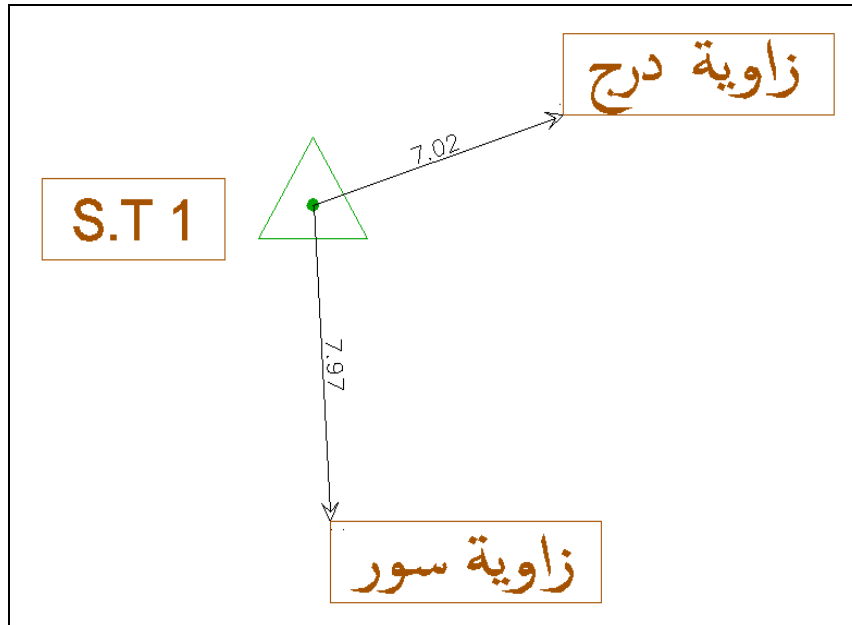
ذ	Geodetic coordinates set by base setup remote rover base position.
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GPS receiver	
Receiver type	Unknown
Serial number	
Firmware version	0
Antenna type	Unknown Broadcast
Measurement method	
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.000

Base point									
Point	VRS1	Antenna height	0.000	Type	Corrected				

GPS receiver	
Receiver type	SP60
Serial number	5551550491
Firmware version	2.15
Antenna type	SPP101861
Measurement method	
Tape adjustment	0.000
Horizontal offset	0.000
Vertical offset	0.069

1 - تربيط النقطة رقم (1) :-



الشكل (ب-1) :- تربيط النقطة رقم 1.

هذه الصور تبين أماكن النقاط :-



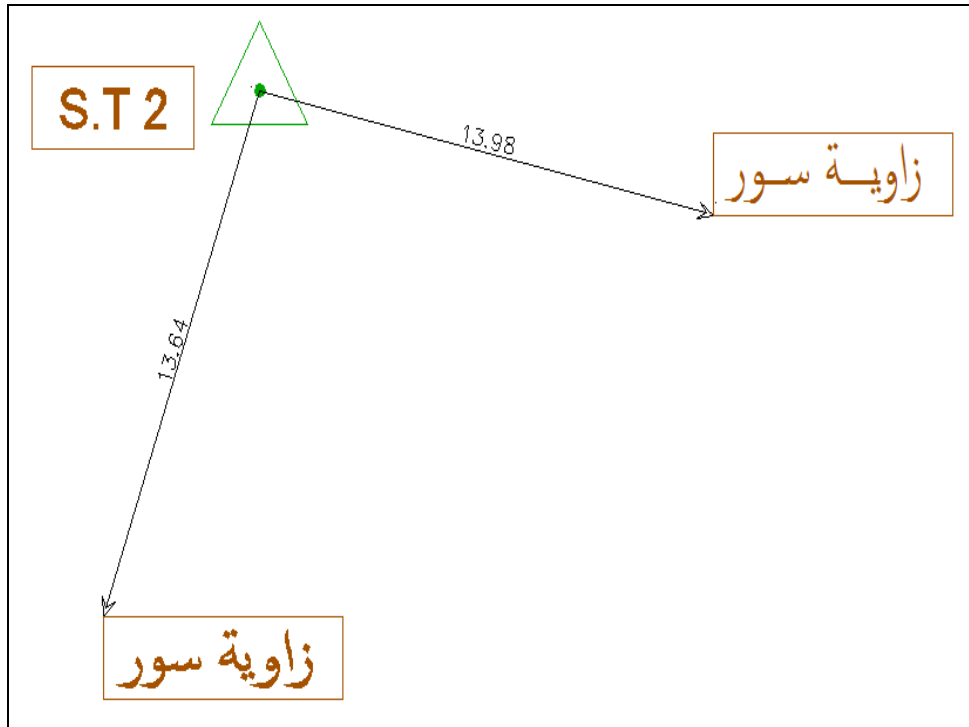
الشكل (ب-3) :- توضيح زاوية السور المجاورة لمحلات "Eva Fashion".



الشكل (ب-2) :- توضيح زاوية الدرج الواقع بجانب محلات "Eva Fashion".

بجانب محلات "Eva Fashion"

2 - تربيط النقطة رقم (2) :-



الشكل (ب-4) :- تربيط النقطة رقم 2.

هذه الصور تبين أماكن التربيط :-

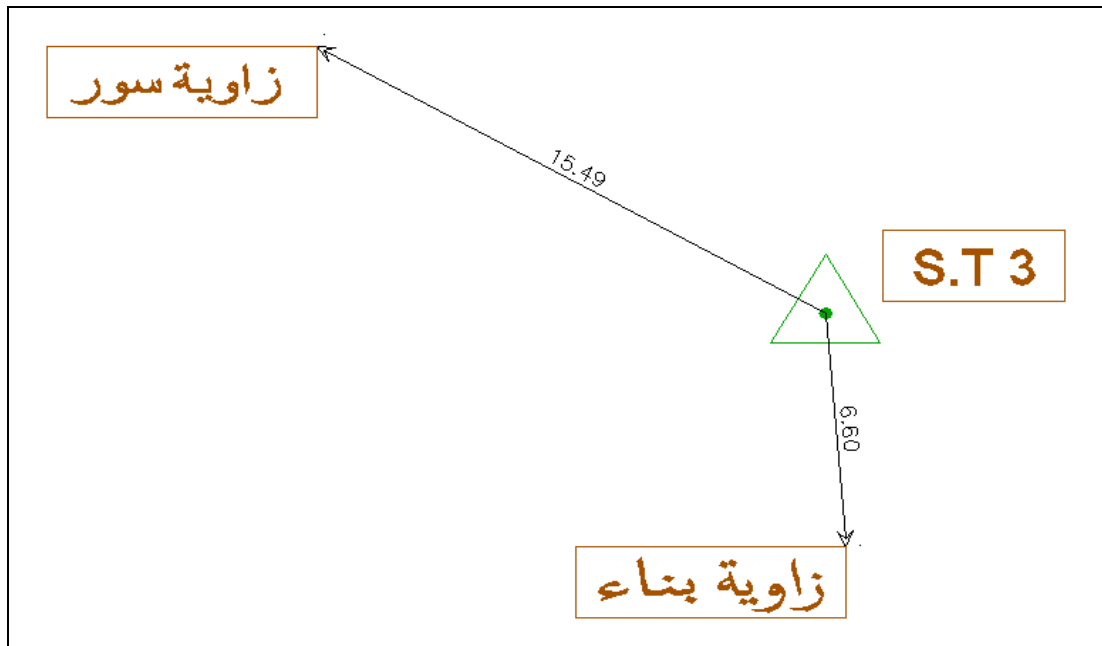


الشكل (ب-6) :- توضيح زاوية السور المجاورة لمحلات الحراوي للكمبيوتر.



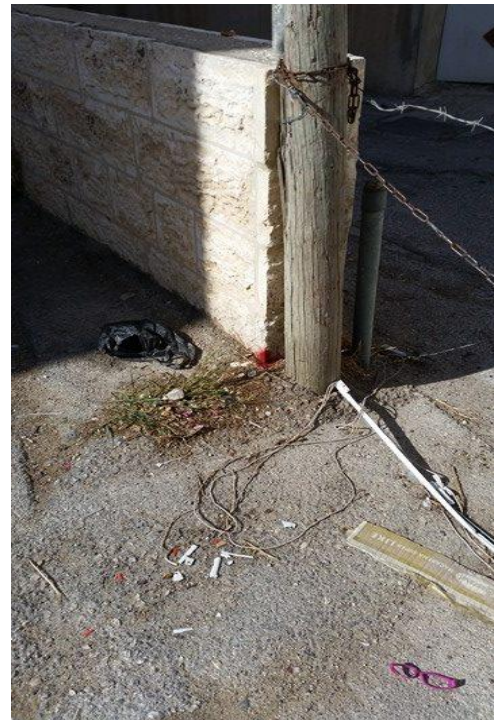
الشكل (ب-5) :- توضيح زاوية السور المقابل لمحلات الحراوي للكمبيوتر

3 - تربيط النقطة رقم (3) :-

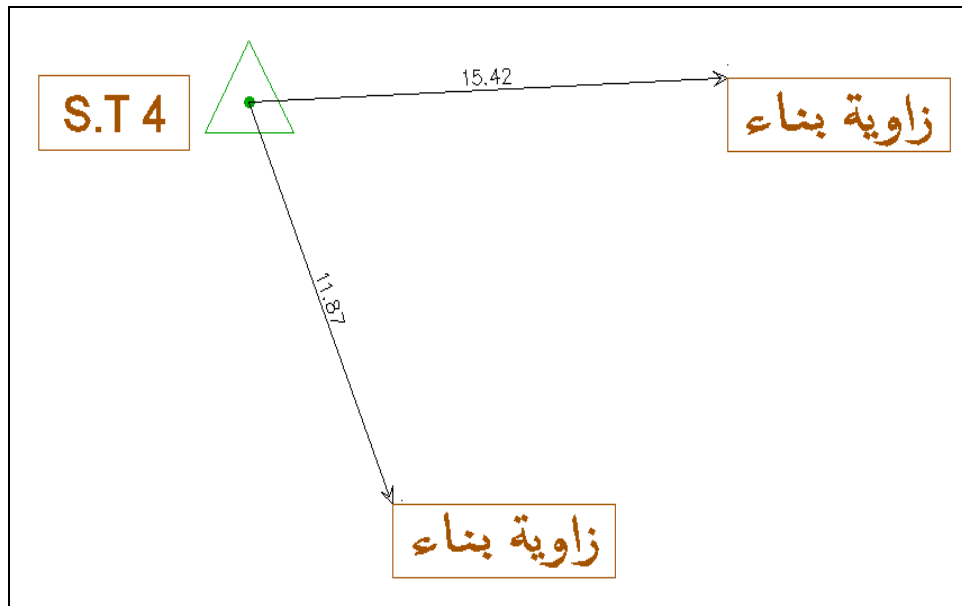


الشكل (ب-7) :- تربيط النقطة رقم 3.

هذه الصور توضح أماكن التربيط :-

الشكل (ب-9) :- توضح زاوية البناء
المقابل لببيت السيد وليد الحرباوى.الشكل (ب-8) :- توضح زاوية السور
المجاورة لببيت السيد وليد الحرباوى.

4 - تربيط النقطة رقم (4) :-



الشكل (ب-10) :- تربيط النقطة رقم 4.

هذه الصور توضح أماكن التربيط :-

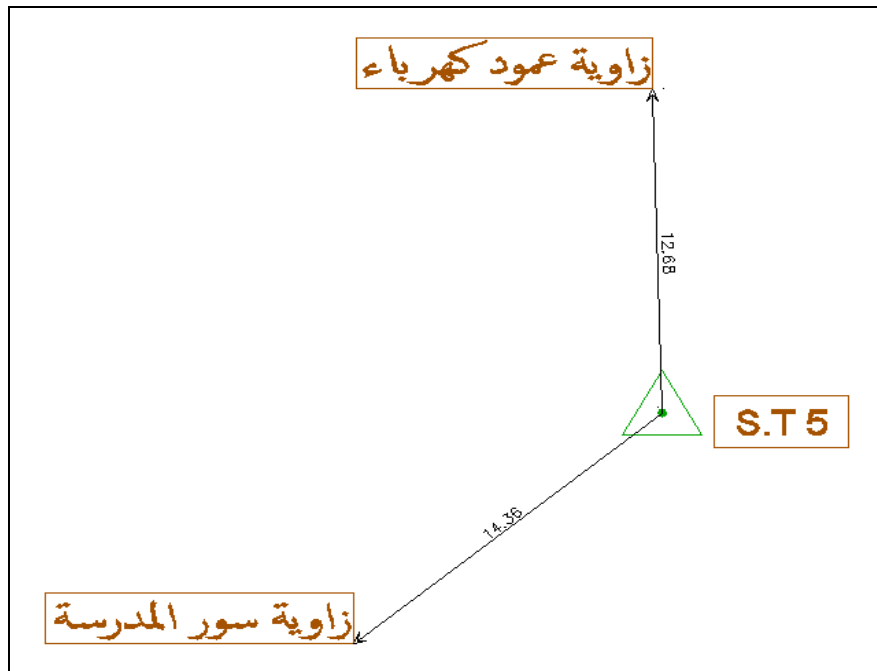


الشكل (ب-12) :- توضح زاوية البناء المجاوري لبيت آل الشرباتي.



الشكل (ب-11) :- توضح زاوية بناء المحلات المقابلة لبيت آل الشرباتي.

5 - تربيط النقطة رقم (5) :-



الشكل (ب_13) :- تربيط النقطة رقم 5.

هذه الصور توضح أماكن التربيط :-

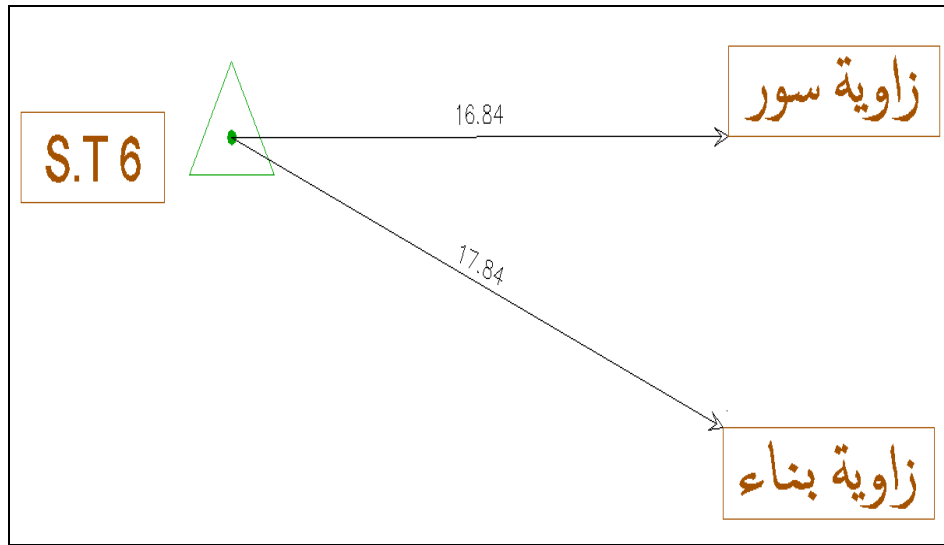


الشكل (ب-15) :- توضح زاوية عمود الكهرباء المقابل لمدرسة السيدة سارة للبنات.



الشكل (ب-14) :- توضح زاوية السور لمدخل مدرسة السيدة سارة للبنات.

6 - تربيط النقطة رقم (6) :-



الشكل (ب-16) :- تربيط النقطة رقم 6.

هذه الصور توضح أماكن التربيط :-

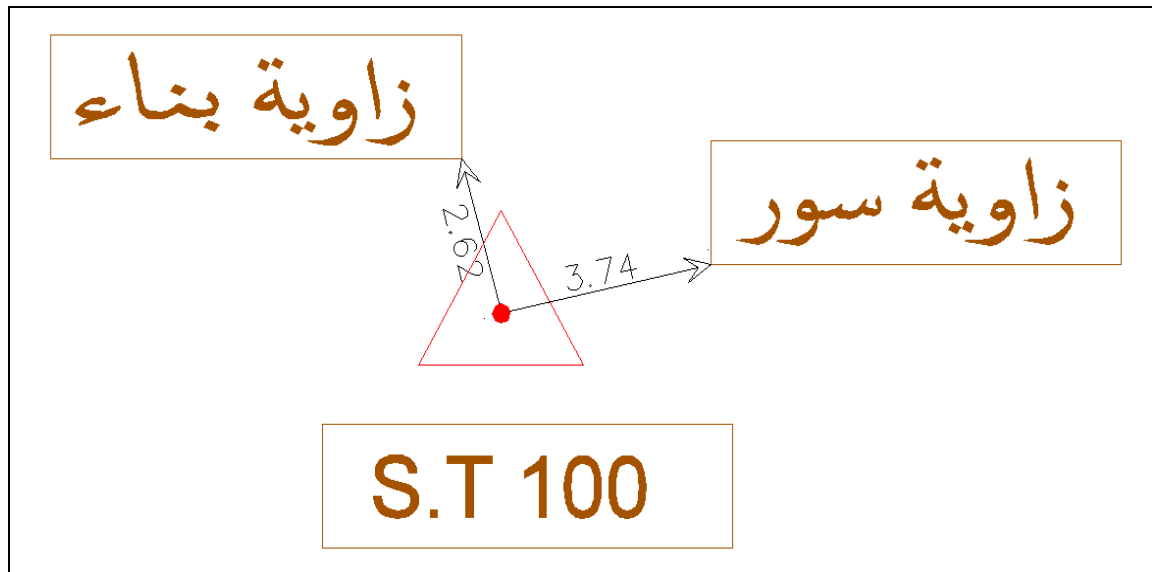


الشكل (ب-18) :- توضح زاوية البناء المجاور لبيت السيد بسام الشرباتي.



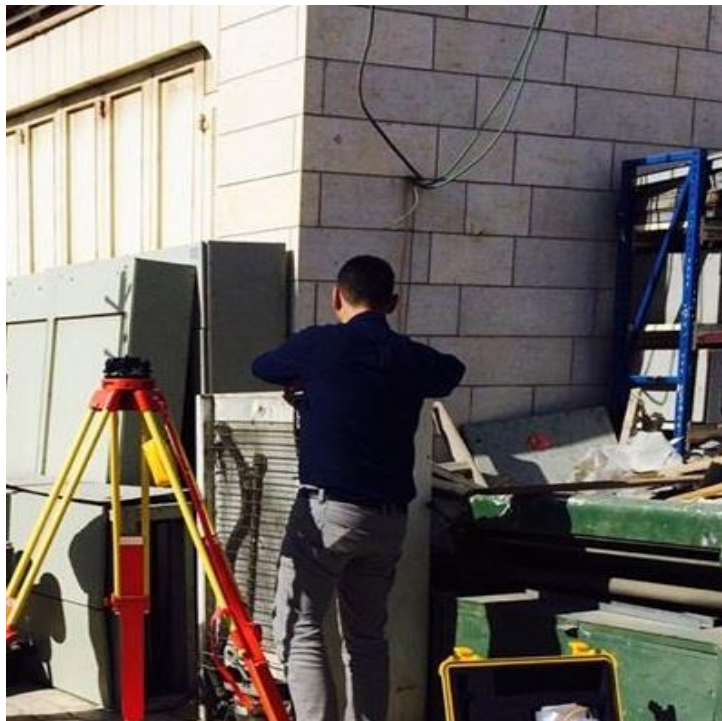
الشكل (ب-17) :- توضح زاوية السور التابع لمنزل السيد بسام الشرباتي.

7 - تربيط النقطة رقم (100) :-



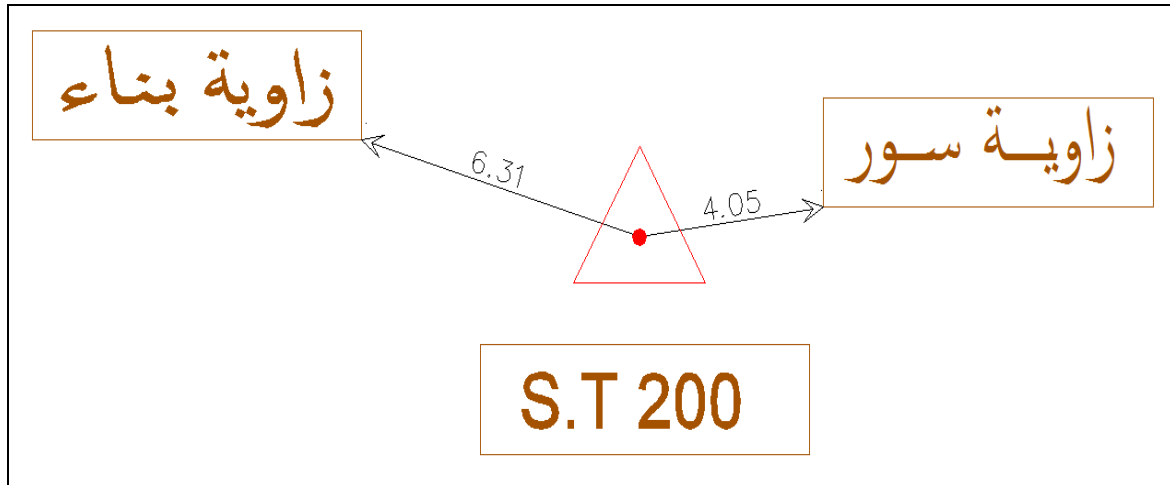
الشكل (ب-19) :- تربيط النقطة رقم 100.

هذه الصورة توضح أماكن التربيط :-



الشكل (ب-22) :- توضح زاوية البناء المقابل لمسجد خباب.

8 - تربيط النقطة رقم (200) :-

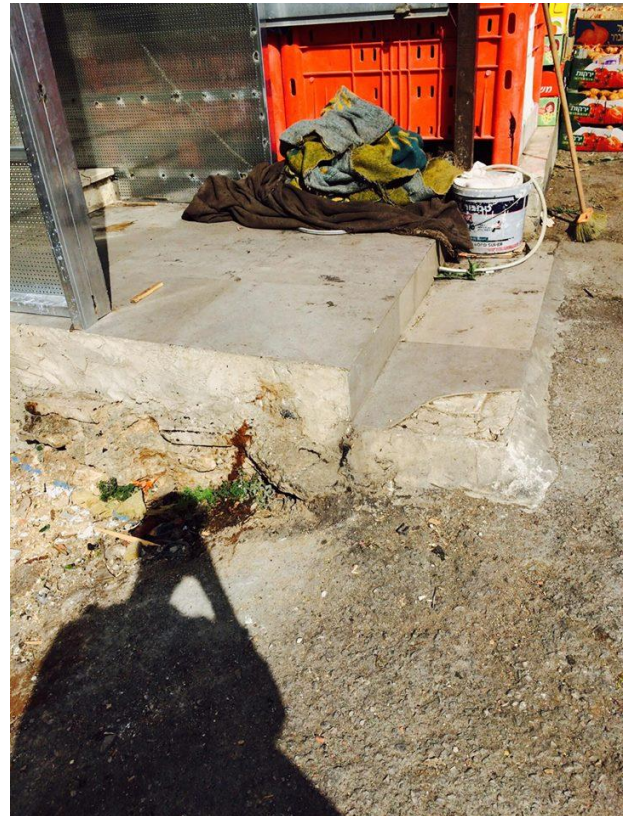


الشكل (ب-21) :- تربيط النقطة رقم 200.

هذه الصور توضح أماكن التربيط :-

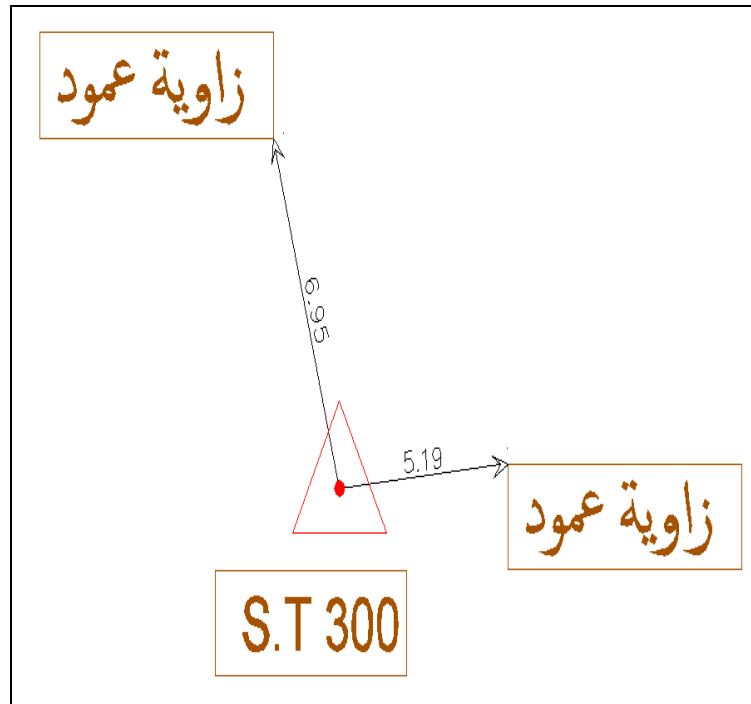


الشكل (ب-24) :- توضح زاوية السور المجاور لميني ماركت ولاء.



الشكل (ب-23) :- توضح زاوية الدرج التابع مني ماركت ولاء.

9 - تربيط النقطة رقم (300) :-

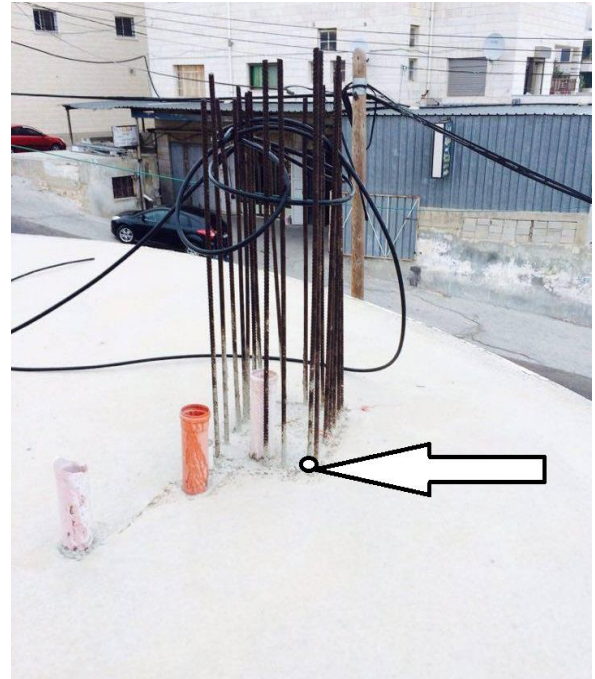


الشكل (ب-25) :- تربيط النقطة رقم 300.

هذه الصور توضح أماكن التربيط :-

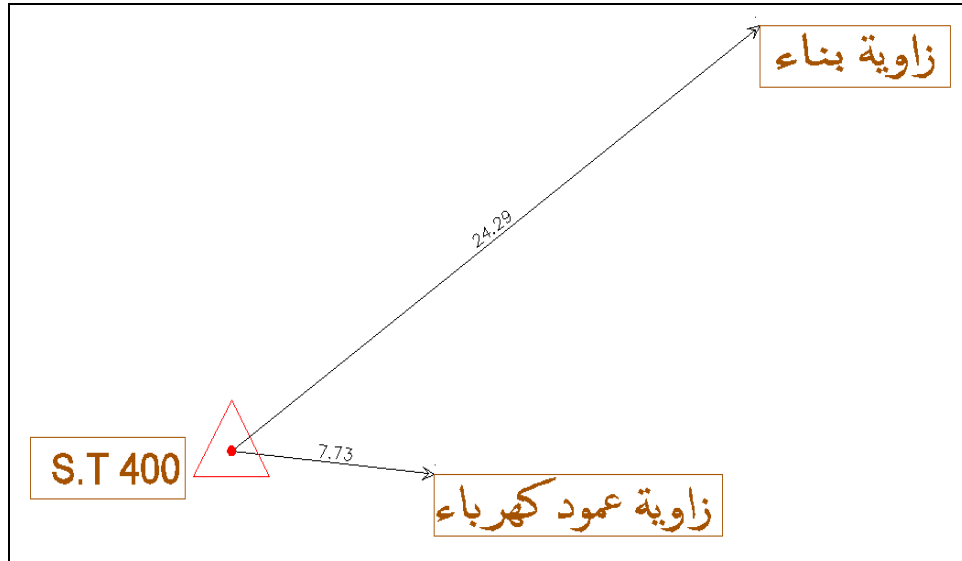


الشكل (ب-27) :- توضح زاوية قضيب الحديد الواقع على سطح عمارة البايض.



الشكل (ب-26) :- توضح زاوية قضيب الحديد الواقع على سطح عمارة البايض.

10- تربيط نقطة رقم (400) :-



الشكل (ب-28) :- تربيط نقطة رقم 400.

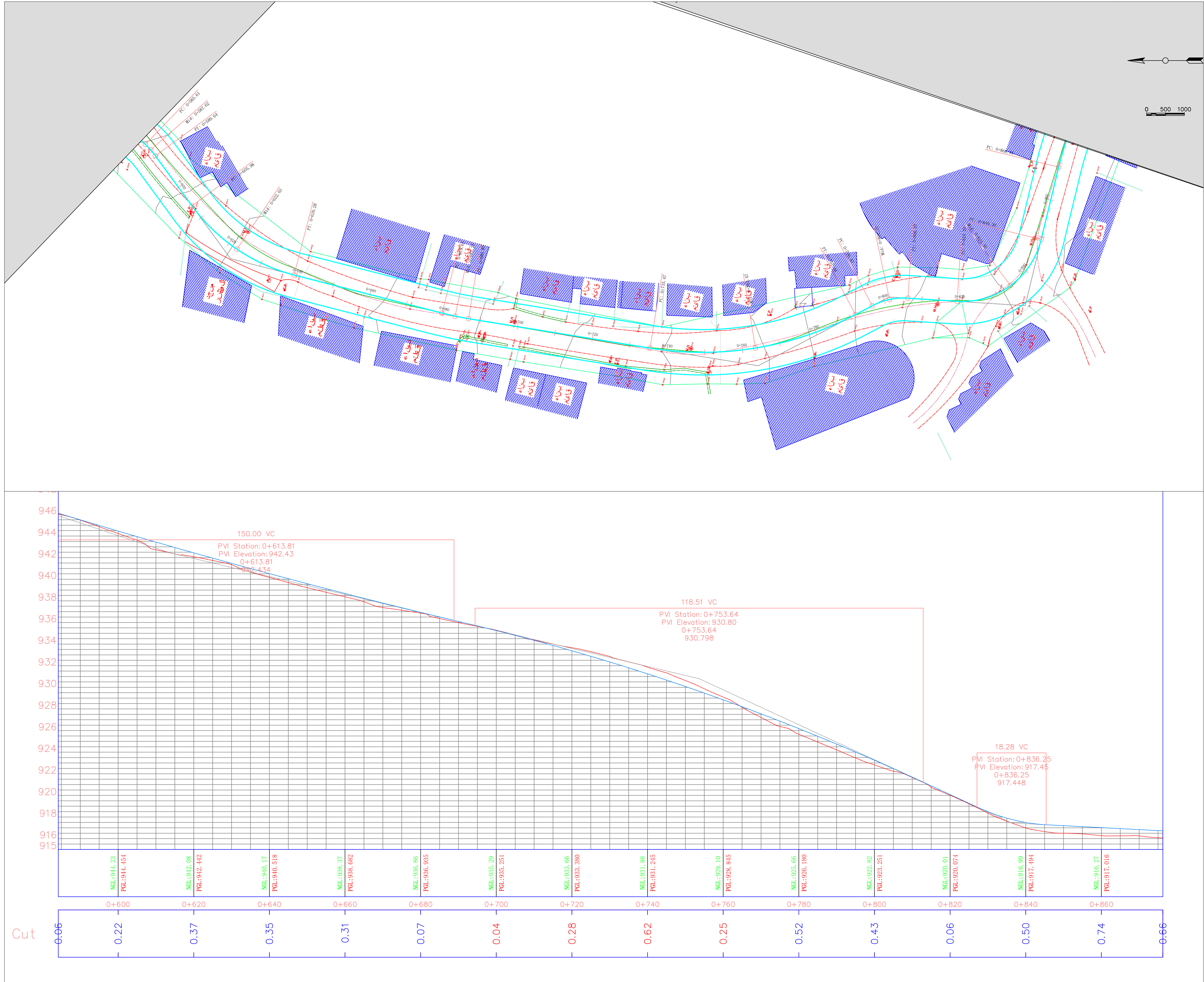
هذه الصور تبين أماكن التثبيت :-

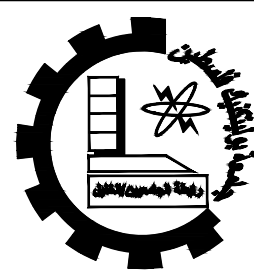


الشكل (ب-30) :- توضيح زاوية عمود الكهرباء المجاور للنقطة 400 من جهة الاووز الثاني.



الشكل (ب-29) :- توضيح زاوية البناء المجاور لمنزل السيد محمد أبو شخيم.





Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduation Project

Redesign of Almanshar Road



Legend And Abbreviation

— designed road elevation

— normal ground road elevation

DRAWING TITLE :

Profile for Almanshar ST.

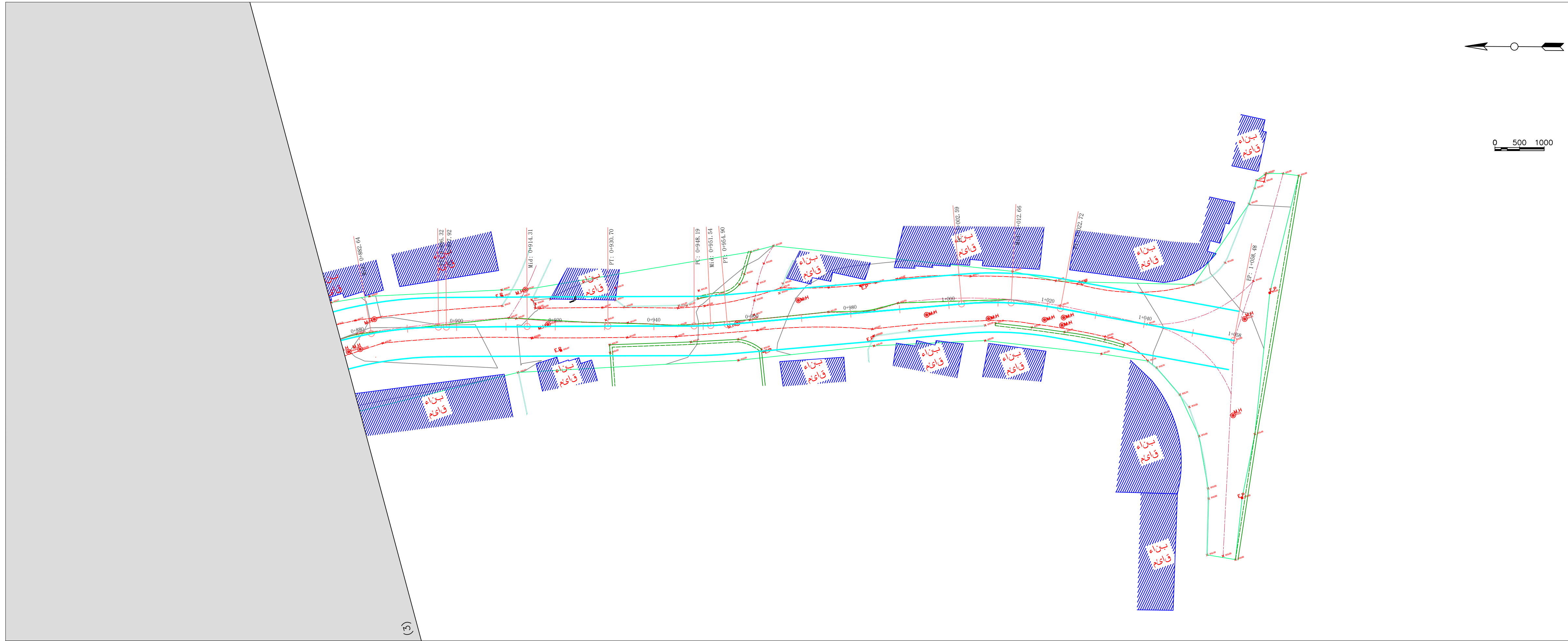
Supervisor :

Eng . Fydi ShabanaH

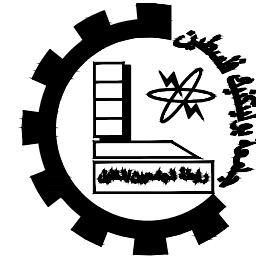
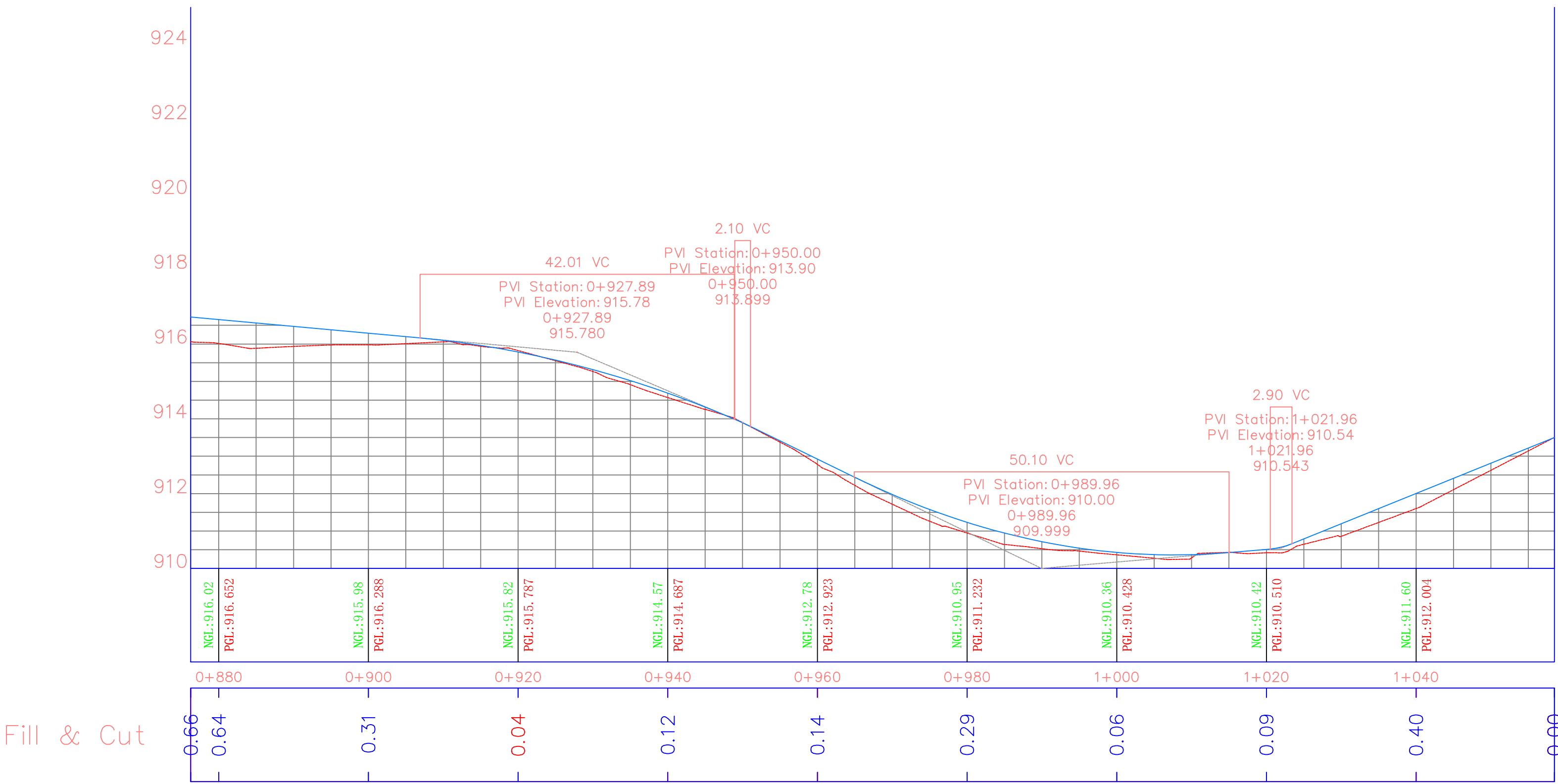
Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

Scale	Y scale	DATE
1\500	1\950	5/1/2017



Almanshar Street Road



Palestinian Polytechnic University

Engineering College / Civil & Architecture Dept.

The Graduation Project
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DRAWING TITLE :

Profile for Almanshar ST.

Supervisor :

Eng . Fydi Shabanah

Desined By :

Obay Abu-Rayyan
Sana' Alian
Qutaiba Al-Dweik

Hscale	Vscale	DATE
1\500	1\200	8/3/2017