



مشروع التخرج بعنوان

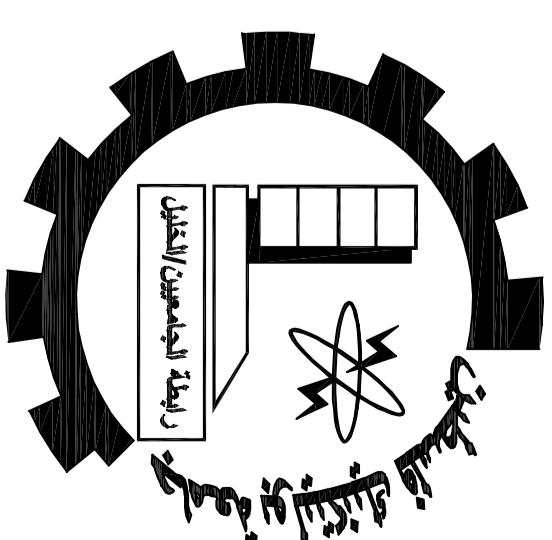
**إعادة تأهيل الطريق الواصل بين مدخل  
الارتباط ومحطة التخيطة للمحروقات**

إشراف المهندس

**فيضي شيبانة**

إعداد الطالبين

**ولاء برادعيه      روان العدم**



Palestine Polytechnic University  
 College of Engineering  
 Civil & Architecture Department  
 Infrastructure Engineering

**Drawing Titel:**

**Plan As Built**

**Date:**

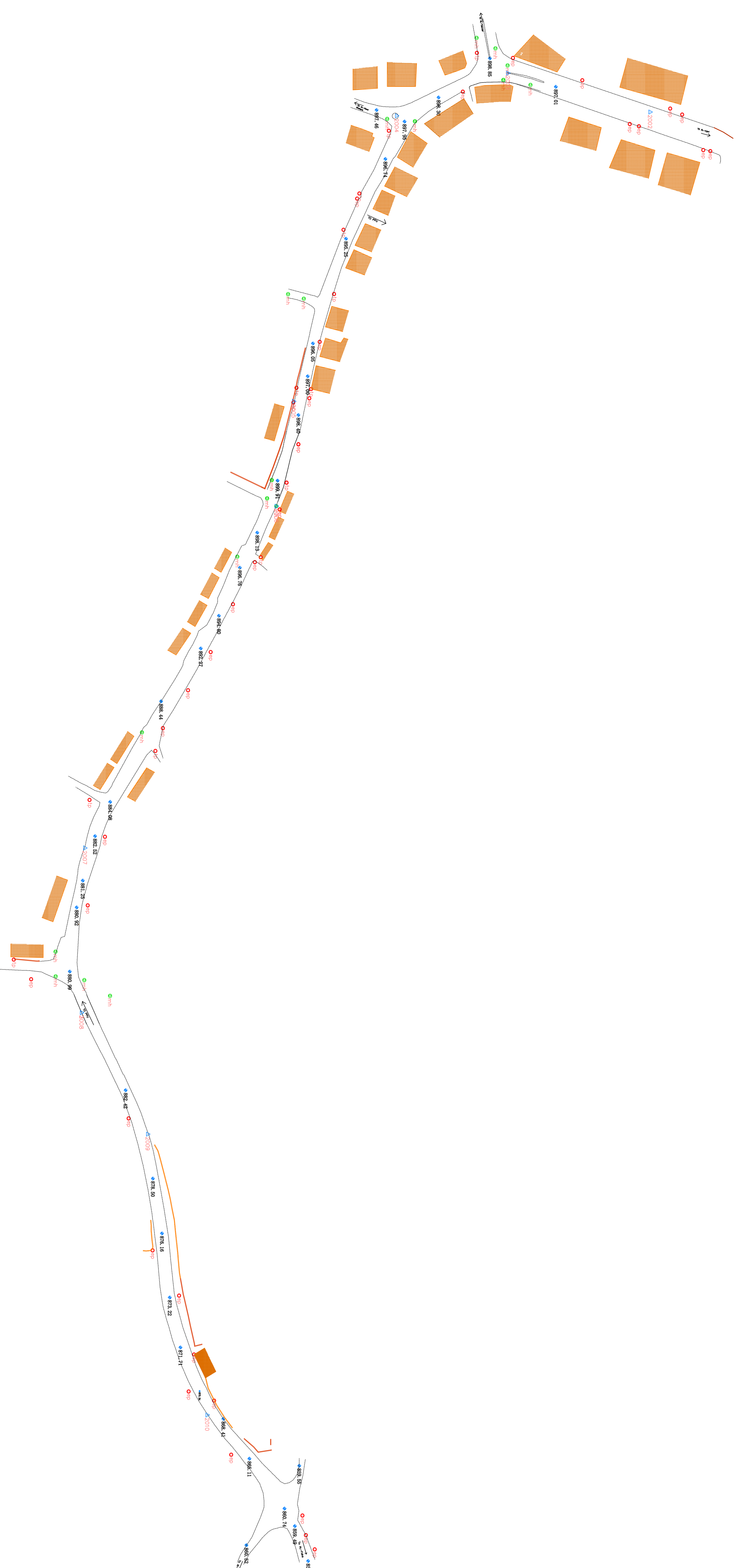
**22/12/2019**

**Supervisor:**

**E.Faydi Shaba**

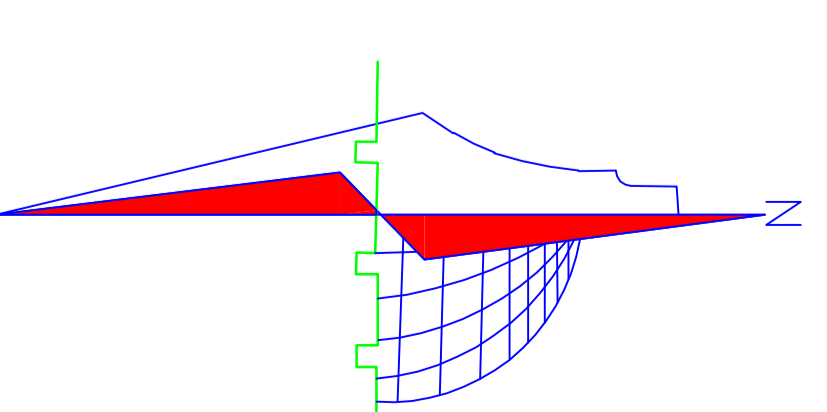
**Teamwork:**

**Rawan Al-adan  
 Wala Baradia**

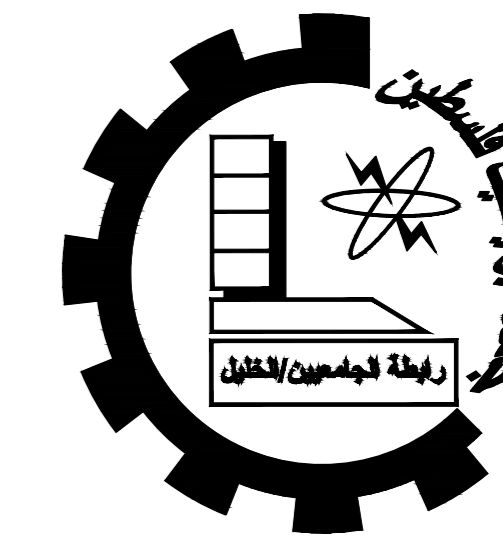


Legend:

Electricity point	
Level	
Stone wall	
Concrete wall	
Asphalt	
Buildings	
Manhole	
Telephone point	
Control point	



Scale : Fit To paper



Palestine Polytechnic University  
College of Engineering  
Civil & Architecture Department  
Infrastructure Engineering

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**Date:**

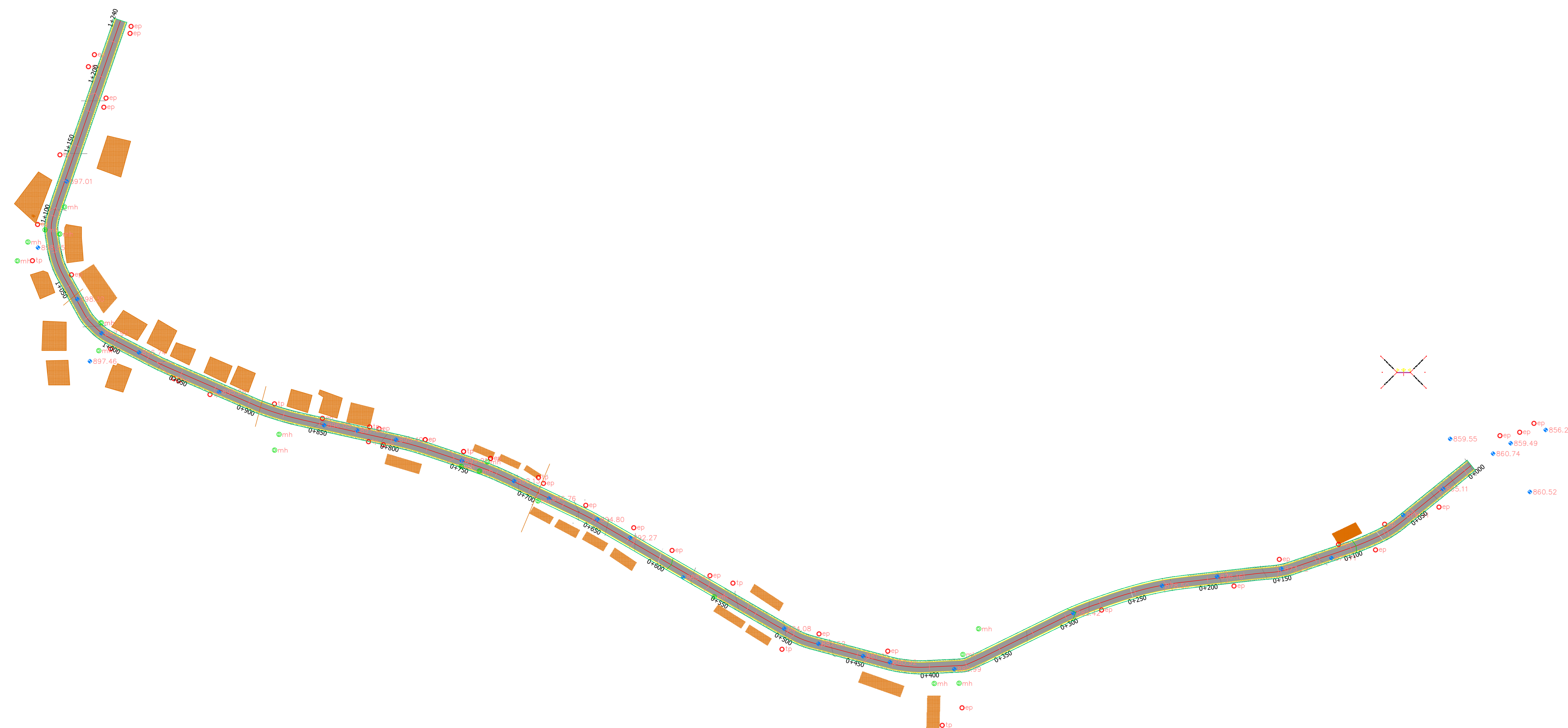
**22/12/2019 (S)  
May,2020 (F)**

**Supervisor:**

**E.Faydi Shabana**

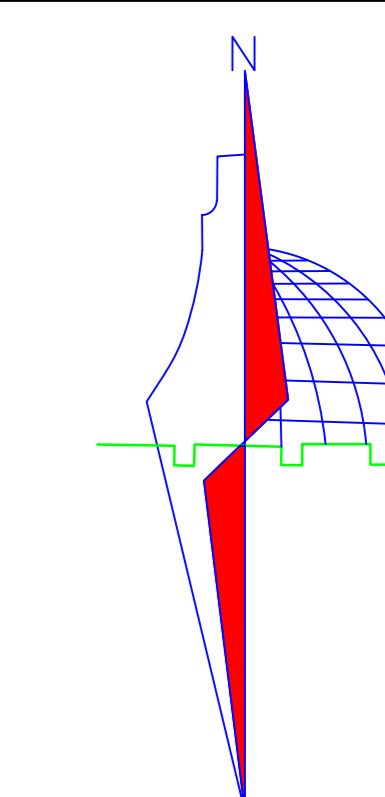
**Teamwork:**

**Rawan Al-adam  
Walaa Baradiah**

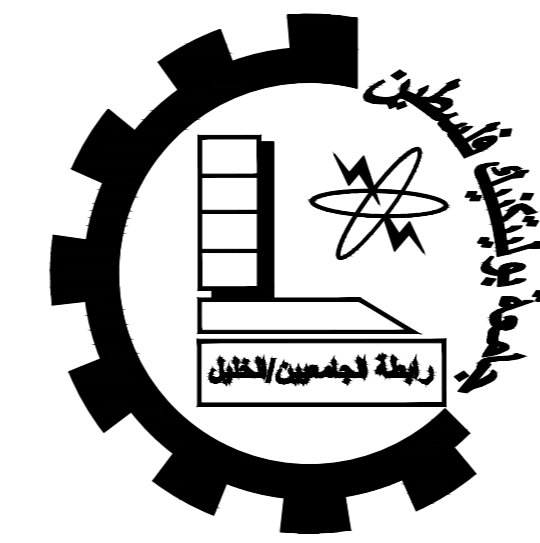
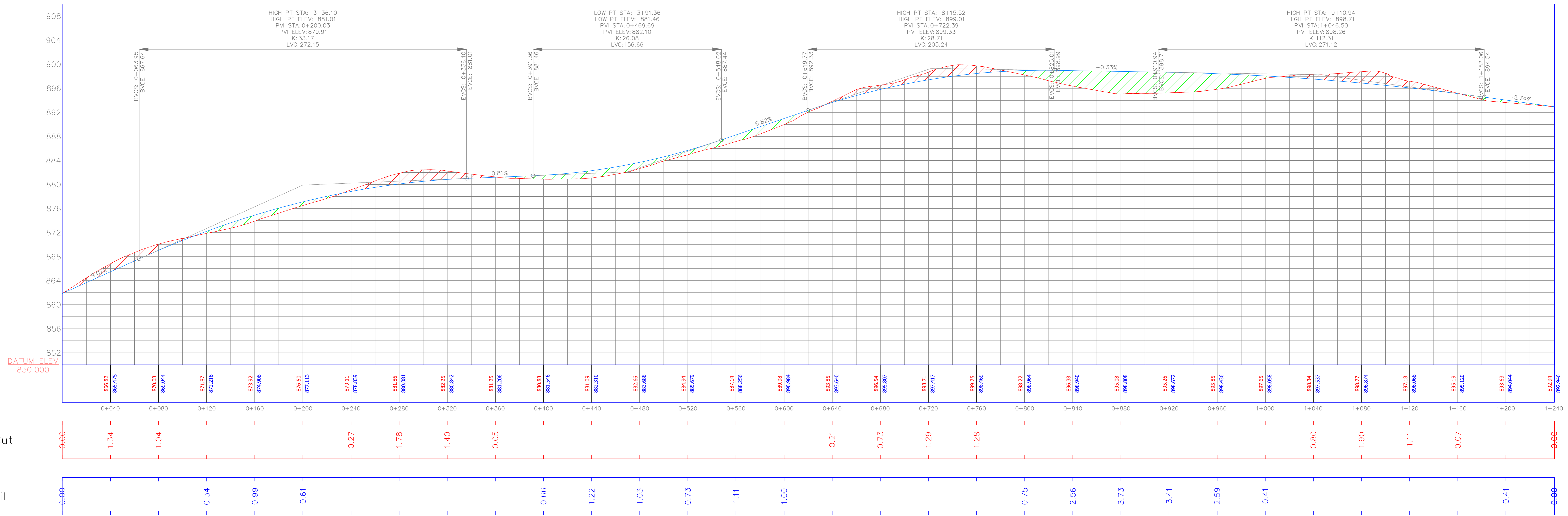


Legend:

Electricity point	
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Asphalt	
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Scale : Fit To paper



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**Drawing Titel:**

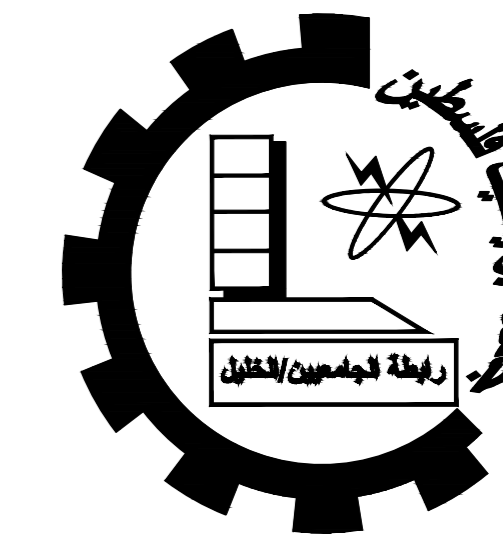
**Plan As Built Date:**

**Supervisor:**  
**E.Faydi Shabana**

**22/12/2019 (S)**  
**May,2020 (F)**

**Teamwork:**

**Rawan Al-adam**  
**Walaa Baradiah**



Palestine Polytechnic University  
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**Drawing Titel:**

**Plan As Built  
 "Quantities"**

**Date:**

**22/12/2019 (S)  
 May,2020 (F)**

**Supervisor:**

**E.Faydi Shabana**

**Teamwork:**

**Rawan Al-adam  
 Walaa Baradiah**

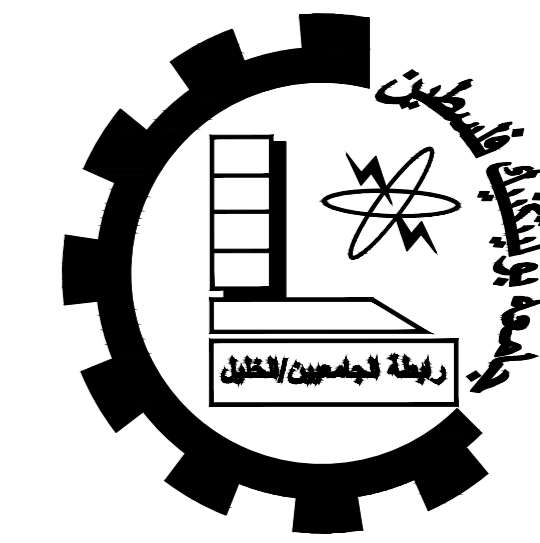
Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+020.00	0.00	10.85	0.00	0.00	0.00	0.00
0+040.00	0.00	13.66	0.00	245.10	0.00	245.10
0+060.00	0.00	13.43	0.00	270.89	0.00	515.99
0+080.00	0.00	12.50	0.00	259.82	0.00	775.80
0+100.00	0.00	6.69	0.00	191.97	0.00	967.77
0+120.00	0.02	0.68	0.22	73.68	0.22	1041.45
0+140.00	4.28	0.00	43.02	6.77	43.24	1048.21
0+160.00	5.10	0.00	93.21	0.00	136.45	1048.21
0+180.00	3.58	0.00	86.79	0.00	223.24	1048.21
0+200.00	1.73	0.00	53.01	0.00	276.25	1048.21
0+220.00	0.00	0.56	17.25	5.57	293.50	1053.78
0+240.00	0.00	5.70	0.00	62.45	293.50	1116.24
0+260.00	0.00	13.18	0.00	188.81	293.50	1305.05
0+280.00	0.00	17.41	0.00	305.98	293.50	1611.04
0+300.00	0.00	16.81	0.00	342.03	293.50	1953.07
0+320.00	0.00	12.93	0.00	297.33	293.50	2250.40
0+340.00	0.00	8.46	0.00	213.82	293.50	2464.22
0+360.00	0.00	3.88	0.00	123.33	293.50	2587.55
0+380.00	0.03	0.44	0.29	43.63	293.80	2631.17
0+400.00	2.07	0.00	21.04	4.41	314.83	2635.58

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+420.00	4.03	0.00	60.67	0.00	375.50	2635.58
0+440.00	6.32	0.00	103.35	0.00	478.85	2635.58
0+460.00	7.12	0.00	134.39	0.00	613.24	2635.58
0+480.00	5.56	0.00	126.76	0.00	740.00	2635.58
0+500.00	2.62	0.00	81.30	0.00	821.30	2635.58
0+520.00	2.61	0.00	52.23	0.00	873.53	2635.58
0+540.00	4.14	0.00	67.48	0.00	941.02	2635.58
0+560.00	6.26	0.00	104.05	0.00	1045.07	2635.58
0+580.00	7.12	0.00	133.87	0.00	1178.93	2635.58
0+600.00	4.96	0.00	120.80	0.00	1299.74	2635.58
0+620.00	0.09	1.02	50.44	10.23	1350.17	2645.81
0+640.00	0.00	5.63	0.87	66.53	1351.04	2712.34
0+660.00	0.00	12.63	0.00	182.46	1351.04	2894.80
0+680.00	0.00	10.30	0.00	229.30	1351.04	3124.09
0+700.00	0.00	10.52	0.00	208.19	1351.04	3332.29
0+720.00	0.00	13.42	0.00	239.33	1351.04	3571.61
0+740.00	0.00	19.89	0.00	333.31	1351.04	3904.92
0+760.00	0.00	13.47	0.00	333.61	1351.04	4238.53
0+780.00	0.00	5.70	0.00	191.71	1351.04	4430.23
0+800.00	2.75	0.00	27.49	56.92	1378.53	4487.16

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
0+820.00	10.63	0.00	133.83	0.00	1512.36	4487.16
0+840.00	16.78	0.00	274.16	0.00	1786.52	4487.16
0+860.00	23.89	0.00	406.69	0.00	2193.20	4487.16
0+880.00	29.51	0.00	533.56	0.00	2726.76	4487.16
0+900.00	24.53	0.00	540.33	0.00	3267.09	4487.16
0+920.00	22.64	0.00	471.75	0.00	3738.85	4487.16
0+940.00	21.70	0.00	443.47	0.00	4182.32	4487.16
0+960.00	18.48	0.00	401.83	0.00	4584.15	4487.16
0+980.00	9.57	0.00	280.27	0.00	4864.43	4487.16
1+000.00	0.11	0.15	96.80	1.52	4961.23	4488.68
1+020.00	0.00	6.06	1.09	62.03	4962.31	4550.70
1+040.00	0.00	10.66	0.00	166.91	4962.31	4717.61
1+060.00	0.00	13.65	0.00	243.10	4962.31	4960.71
1+080.00	0.00	20.83	0.00	344.39	4962.31	5305.09
1+100.00	0.00	21.79	0.00	426.47	4962.31	5731.56
1+120.00	0.00	13.73	0.00	355.16	4962.31	6086.72
1+140.00	0.00	9.45	0.00	231.77	4962.31	6318.50
1+160.00	0.00	4.33	0.00	137.83	4962.31	6456.33
1+180.00	0.50	0.08	5.05	44.16	4967.36	6500.49
1+200.00	0.10	0.12	6.02	2.08	4973.38	6502.57

Total Volume Table						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
1+220.00	0.00	1.87	0.97	19.91	4974.35	6522.48
1+240.00	0.00	2.14	0.00	40.12	4974.35	6562.59

**VOLUME TABLE**



Palestine Polytechnic University  
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 Civil & Architecture Department  
 Infrastructure Engineering

**Drawing Titel:**

**Plan As Built**

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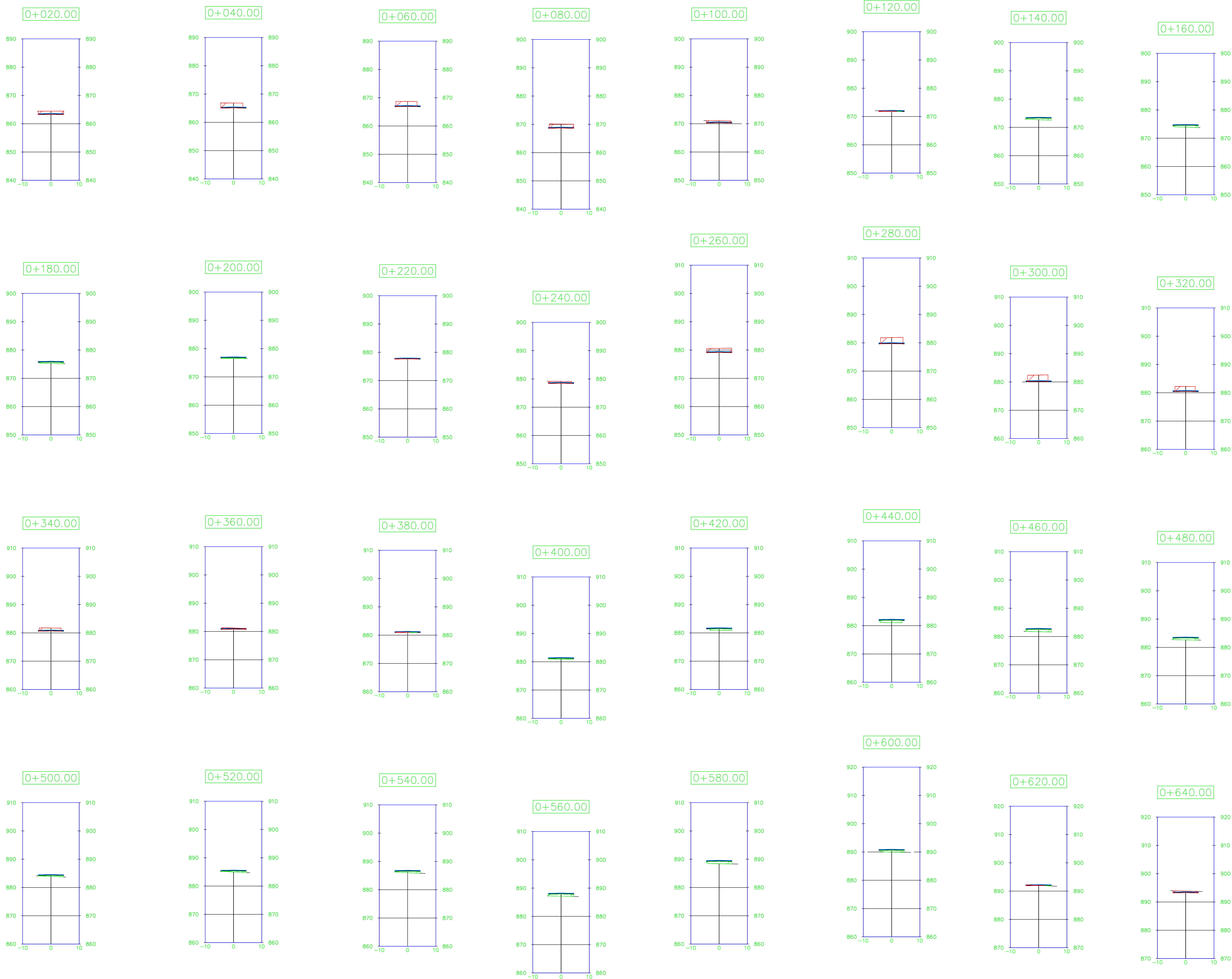
**22/12/2019 (S)  
 May,2020 (F)**

**Supervisor:**

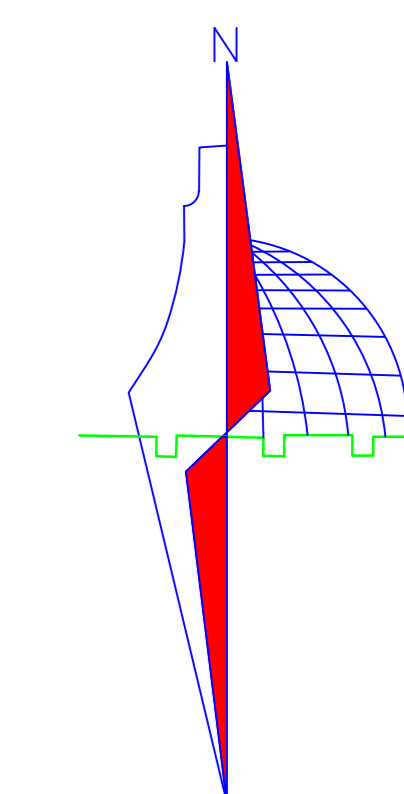
**E.Faydi Shabana**

**Teamwork:**

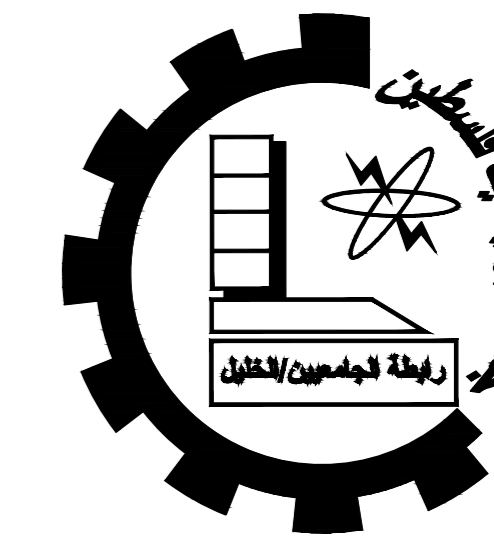
**Rawan Al-adam  
 Walaa Baradiah**



**CROSS-SECTION**



Scale : Fit To paper



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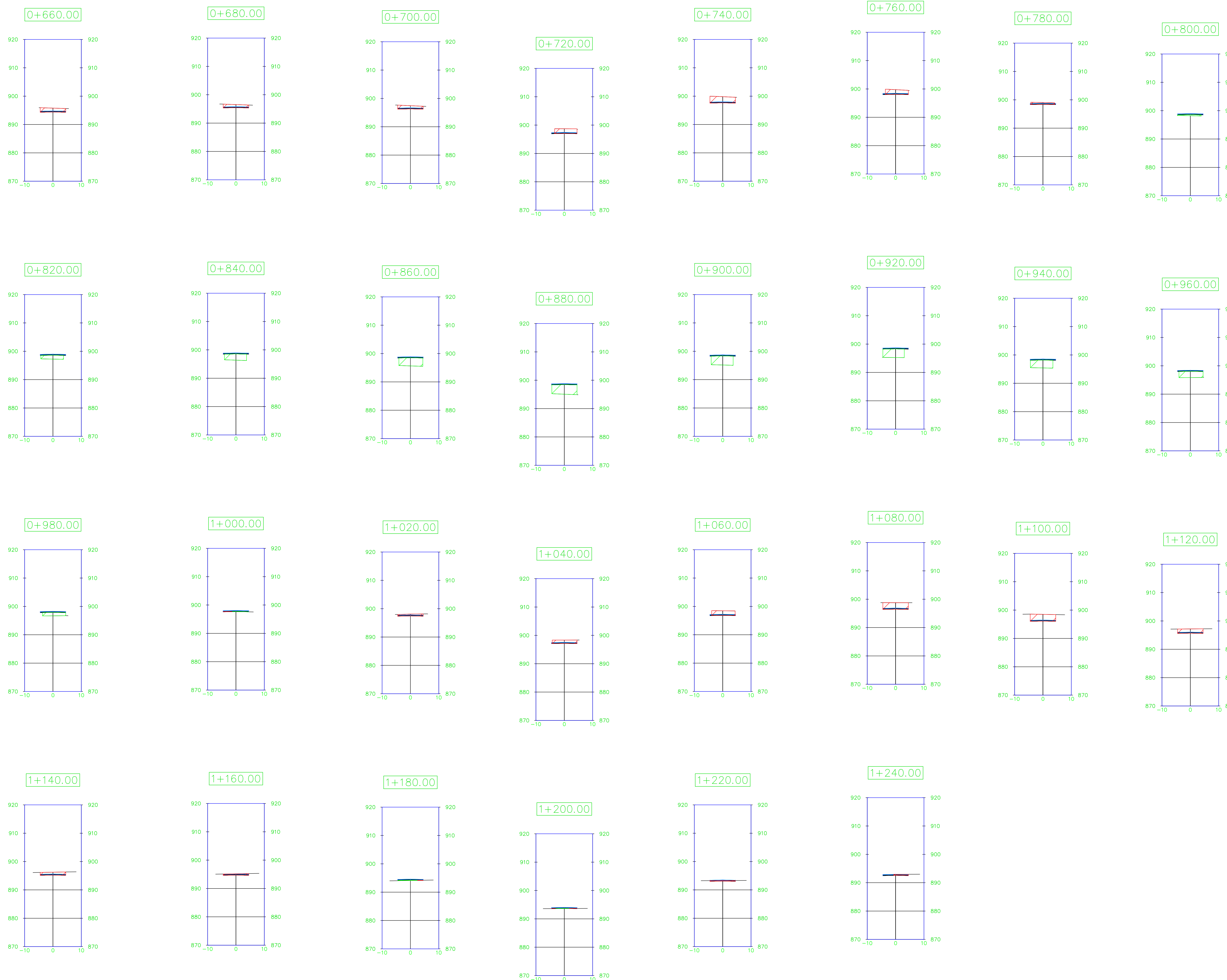
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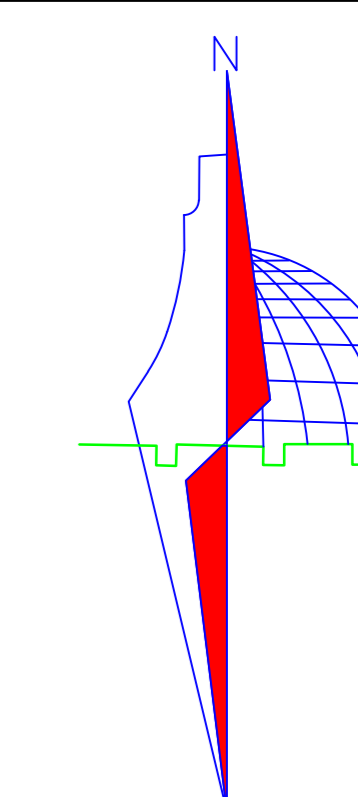
**E.Faydi Shabana**

**Teamwork:**

**Rawan Al-adam  
Walaa Baradiah**



**CROSS-SECTION**



Scale : Fit To paper