



جامعة بوليتكنك فلسطين دائرة الهندسة المدنية والمعمارية الهندسة المساحة والجيوماتكس

مشروع بعنوان

إعادة تأهيل وتصميم الطريق الواصل بين
شارع عمر بن الخطاب وشارع الحسبة الجديدة

فريق العمل:

ورود جابر

محمد مهداوي

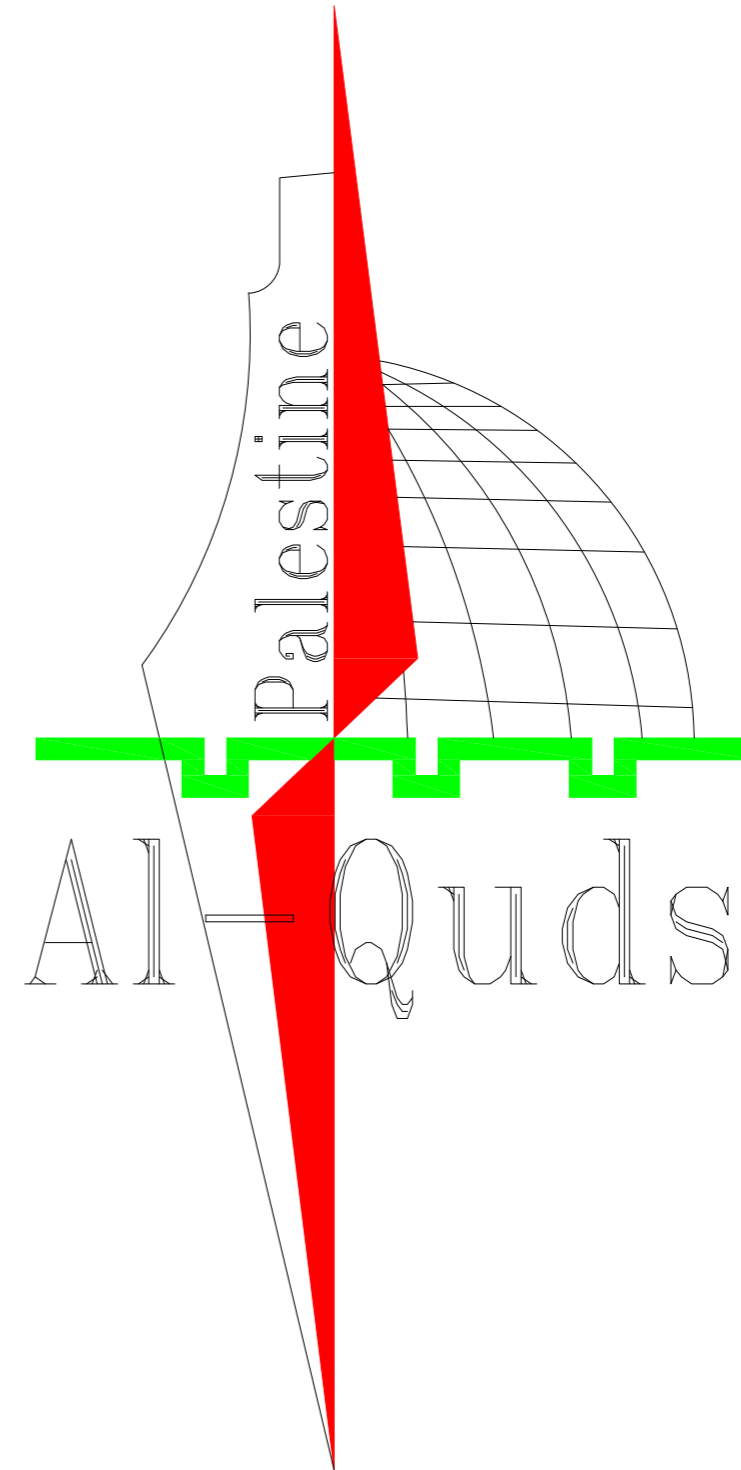
خايل عميرة

إشراف:

م . مالك الشرايعه

تصميم الطريق الواصل بين مصنع نيروخ وحسبة الخليل

الوضع القائم



SCALE : 1/1750

General Notes



جامعة بوليتكنك فلسطين

- ASH_ALIGNMENT
- Ex-Centerline
- stone wall
- Concrete wall
- existing street
- Electronic Point
- Telephone point
- High Tension
- Pavement
- Sidewalk

FENCE LINE

SHADE TREE

GATE

SPOT LEVEL .580.080

TRAVERSE POINTS

FIRE HYDRANT

STREET LIGHTING POLE

UTILITY MANHOLE

SANITARY MANHOLE

STORM WATER MANHOLE

WATER VALVE

No.	Revision/Issue	Date

Project Name and Address

Designed by
Khilil ameerh
Wrood Jaber
Mohammad Mahdawi

Project
Road Design

Date
27.07.2020

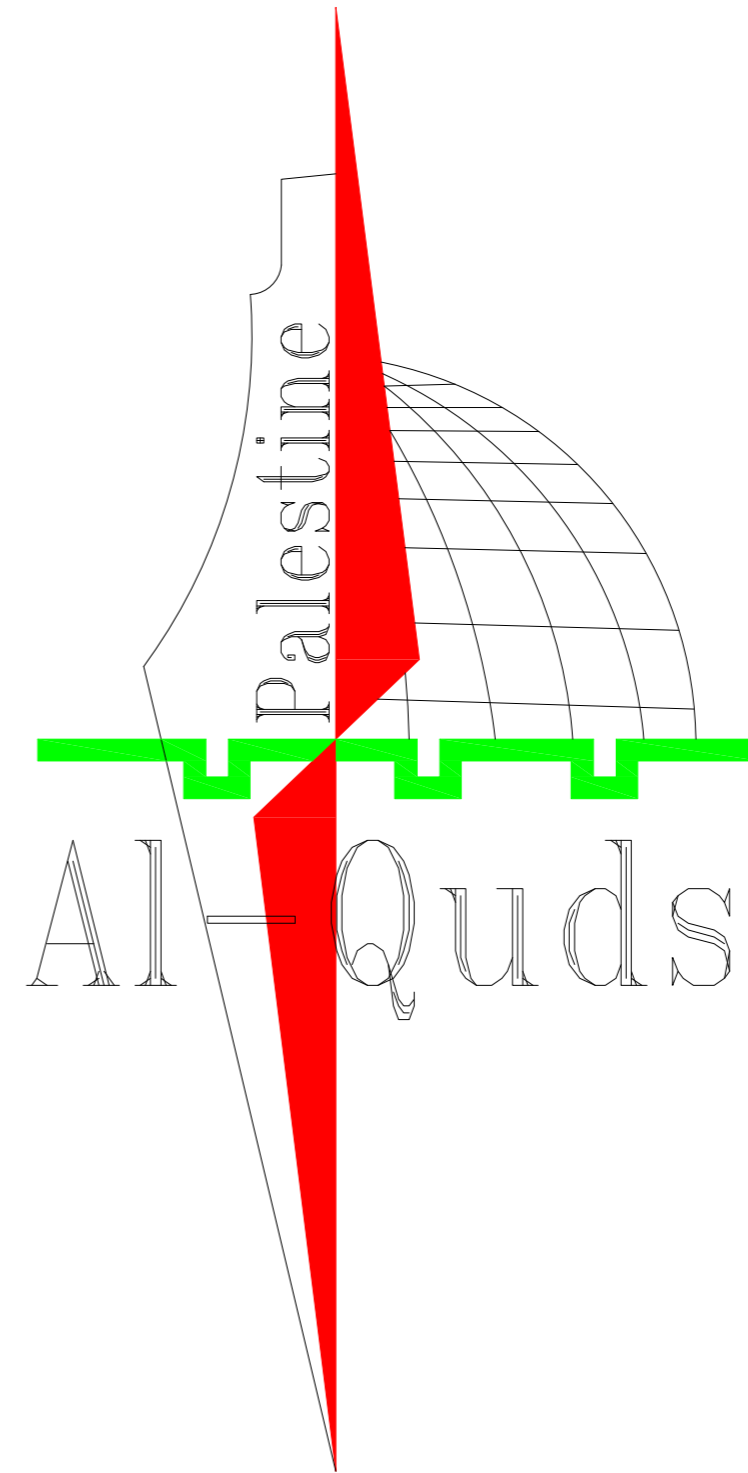
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Sheet

1

تصميم الطريق الواصل بين مصنع نيروخ وحسبة الخليل

الوضع التصميمي



SCALE : 1/1750

General Notes



جامعة بوليتكنك فلسطين

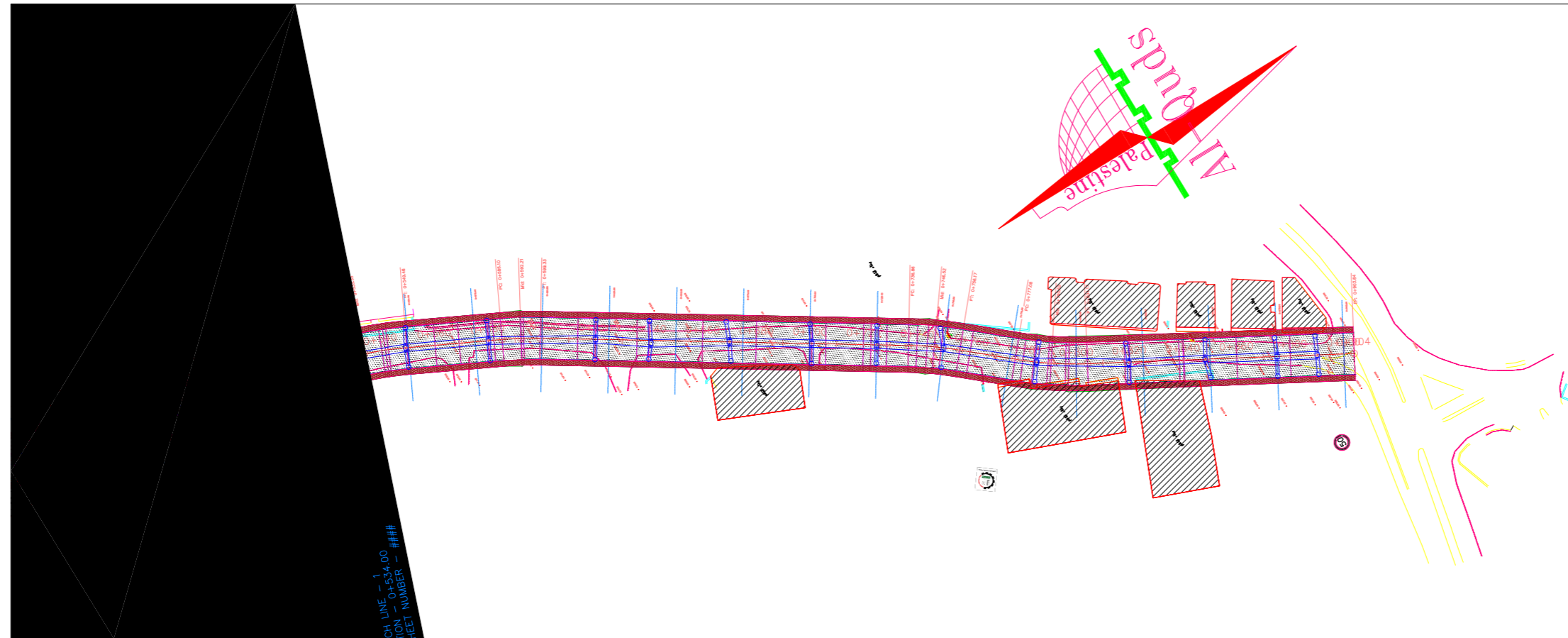
- ASH_ALIGNMENT
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- E.P Electronic Point
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- GATE
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- STREET LIGHTING POLE
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- SANITARY MANHOLE
- STORM WATER MANHOLE
- WATER VALVE

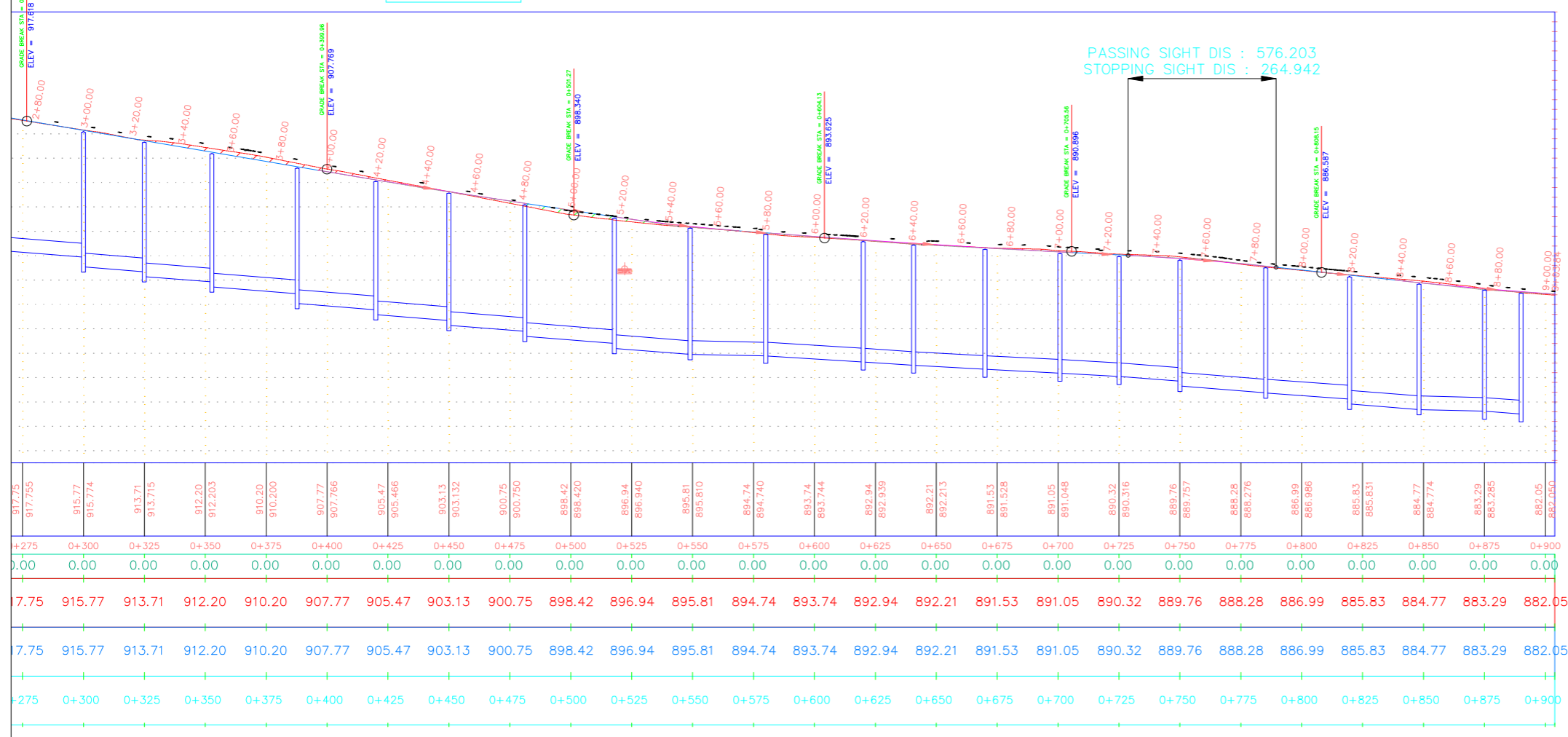
No.	Revision/Issue	Date

Project Name and Address
Designed by
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Wrood Jaber
Mohammad Mahdawi

Project	Sheet
Road Design	1
Date	27.07.2020
Scale	1:1000



NGL PROFILE



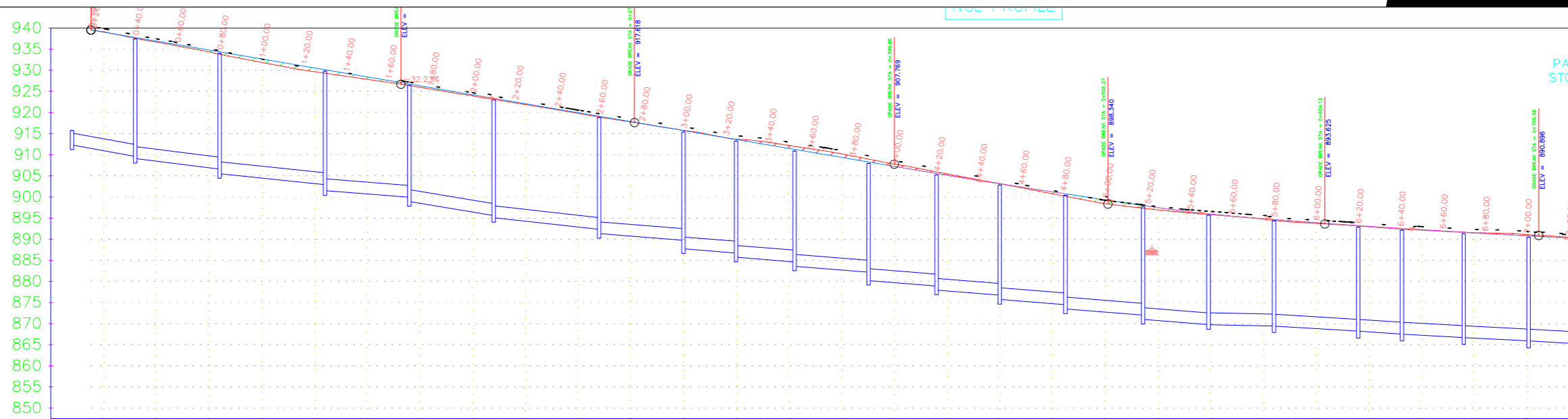
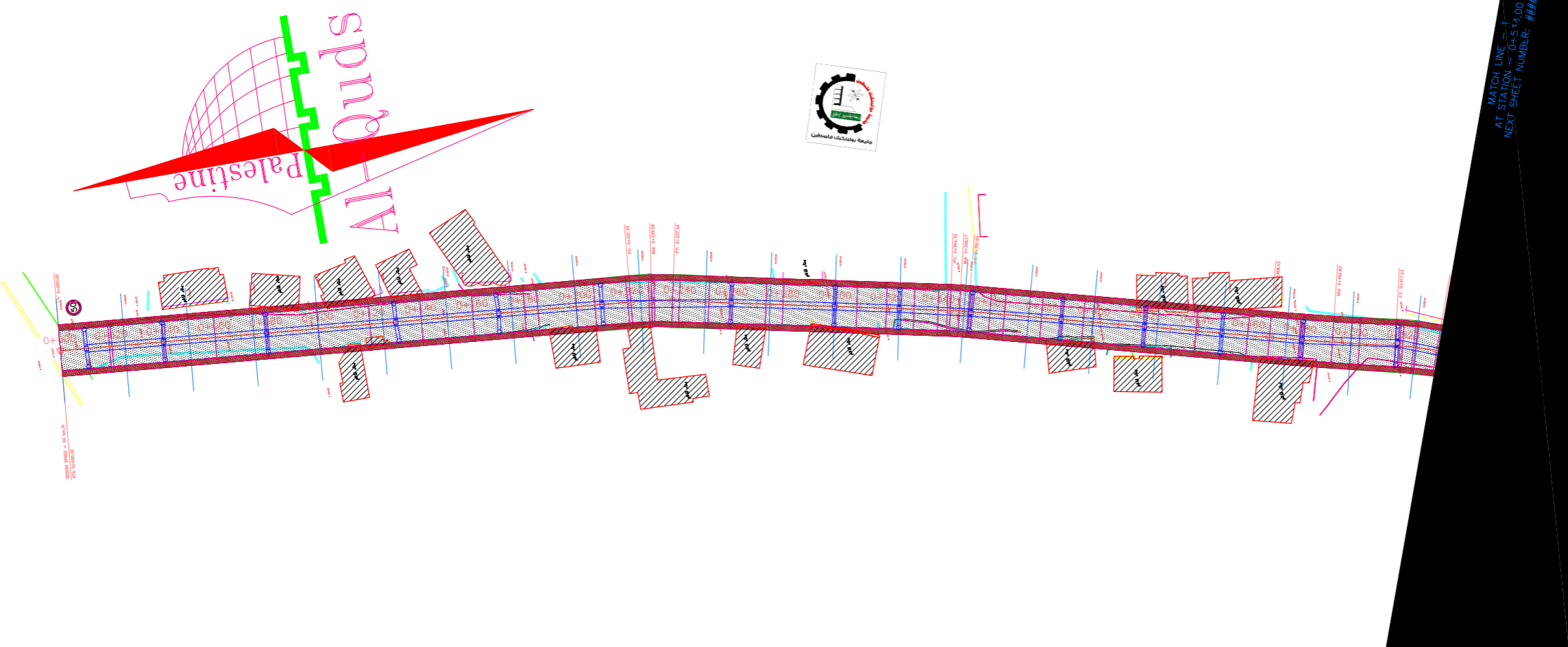
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- Concrete wall
- existing street
- E.P Electronic Point
- Telephone point
- Hight Tinsion
- ▨ Pavment
- ▨ Sidewalk

No.	Revision/Issue	Date

Firm Name and Address
**تصميم الطريق الواصل بين
 مصنع نيروخ وحسبة الخليل**

Project Name and Address
 Designed by
 Khil ameerh
 Wrood Jaber
 Mohammad Mahdawi

Project Road Design	Sheet 2
Date 27.07.2020	
Scale 1:1000	



STATIONS	0+025	0+050	0+075	0+100	0+125	0+150	0+175	0+200	0+225	0+250	0+275	0+300	0+325	0+350	0+375	0+400	0+425	0+450	0+475	0+500	0+525	0+550	0+575	0+600	0+625	0+650	0+675	0+700
LAYER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NGL	939.10	936.68	934.35	931.87	929.67	927.86	925.98	923.92	921.89	919.80	917.75	915.77	913.71	912.20	910.20	907.77	905.47	903.13	900.75	898.42	896.94	895.81	894.74	893.74	892.94	892.21	891.53	891.05
PGL	939.10	936.68	934.35	931.87	929.67	927.86	925.98	923.92	921.89	919.80	917.75	915.77	913.71	912.20	910.20	907.77	905.47	903.13	900.75	898.42	896.94	895.81	894.74	893.74	892.94	892.21	891.53	891.05

General Notes

جامعة بوليتكنك فلسطين

- ASH_ALIGNMENT
- Ex-Centerline
- stone wall
- Concrete wall
- existing street
- E.P Electronic Point
- Telephone point
- Height Tension
- Pavment
- Sidewalk

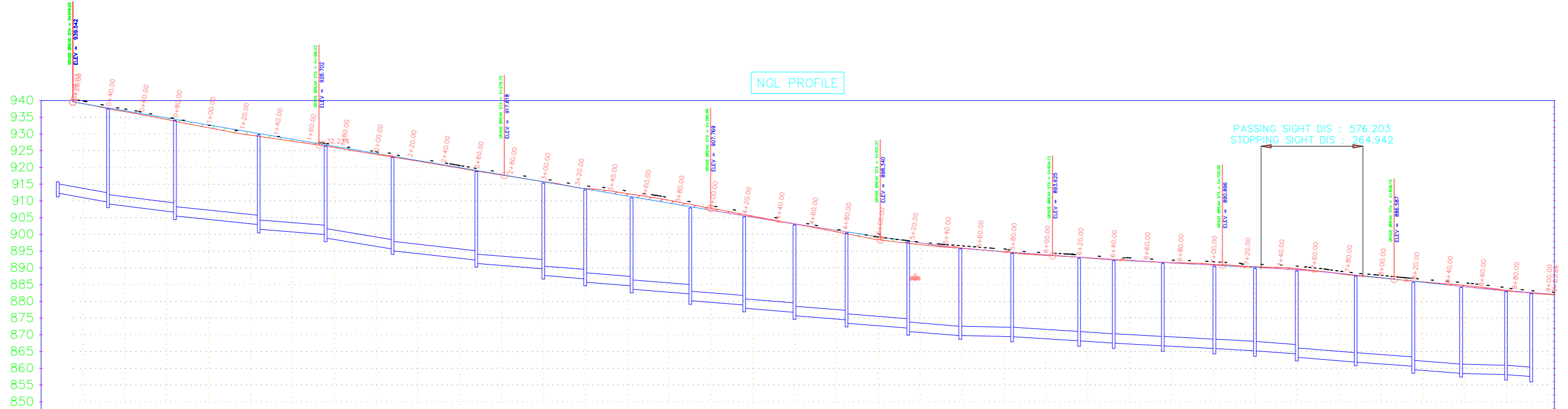
No.	Revision/Issue	Date

Firm Name and Address
**تصميم الطريق الواصل بين
 مصنع نيرونغ وحسبة الخليل**

Project Name and Address
 Designed by
 Khilil ameerh
 Wrood Jaber
 Mohammad Mahdawi

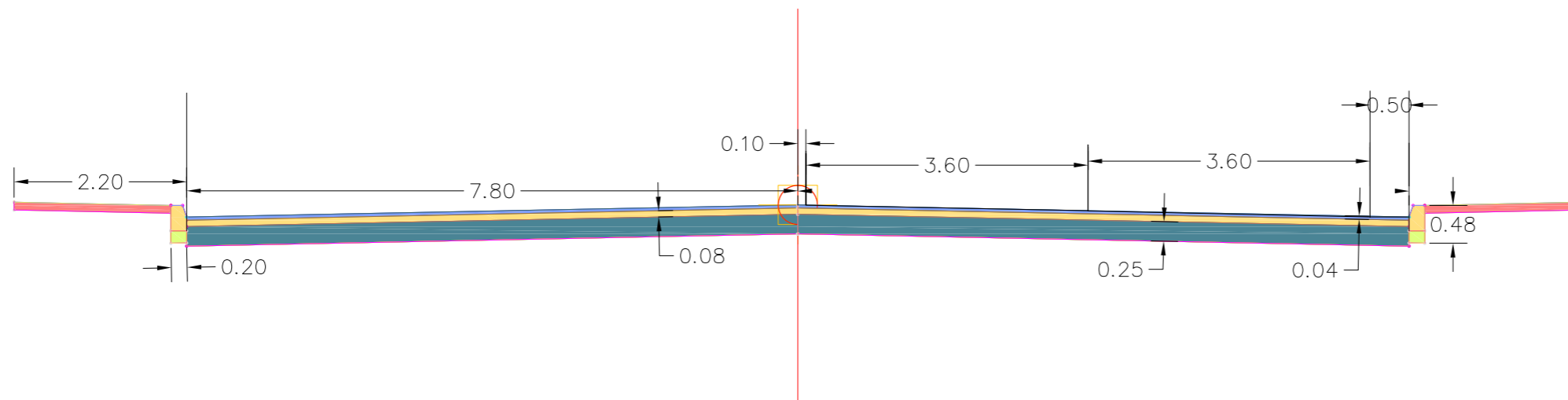
Project Road Design	Sheet 1
Date 27.07.2020	
Scale 1:1000	

NGL PROFILE

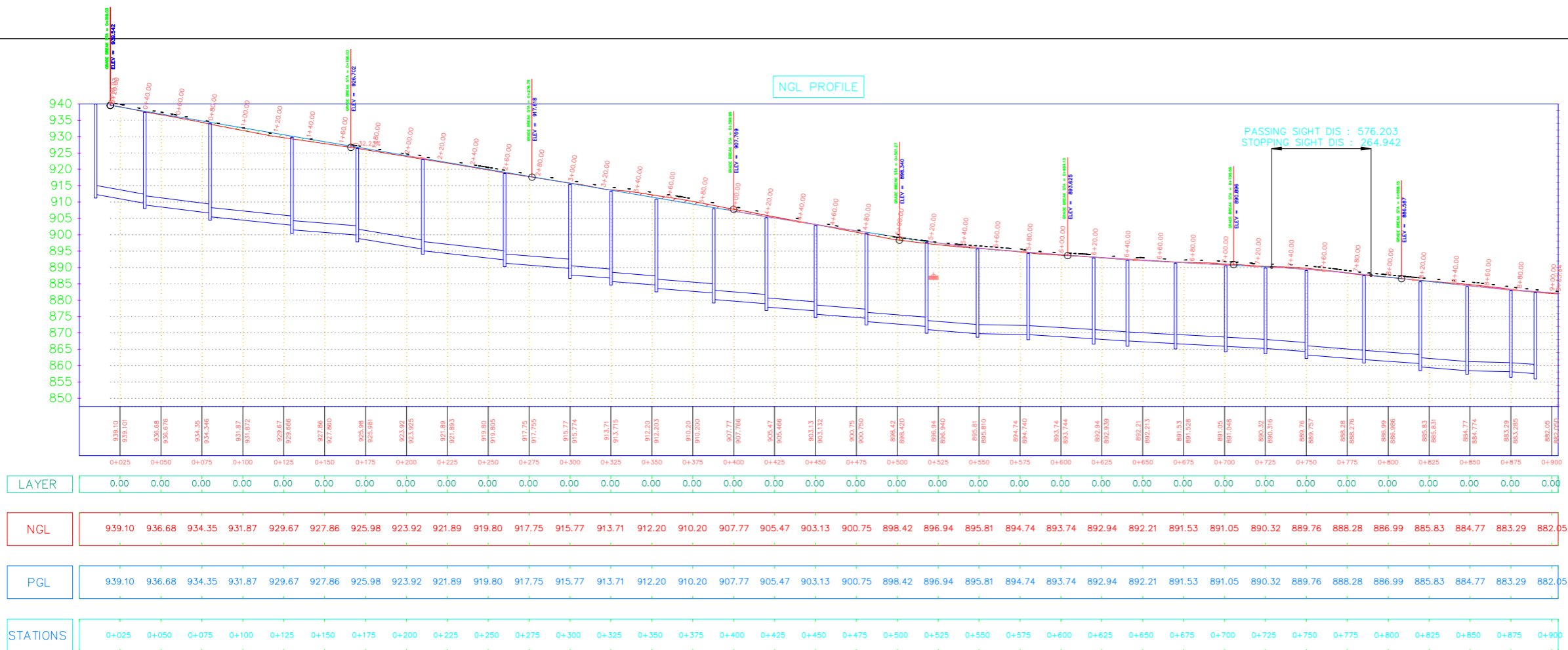


PASSING SIGHT DIS : 576.203
STOPPING SIGHT DIS : 264.942

STATIONS	0+025	0+050	0+075	0+100	0+125	0+150	0+175	0+200	0+225	0+250	0+275	0+300	0+325	0+350	0+375	0+400	0+425	0+450	0+475	0+500	0+525	0+550	0+575	0+600	0+625	0+650	0+675	0+700	0+725	0+750	0+775	0+800	0+825	0+850	0+875	0+900		
LAYER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NGL	939.10	936.68	934.35	931.87	929.67	927.86	925.98	923.92	921.89	919.80	917.75	915.77	913.71	912.20	910.20	907.77	905.47	903.13	900.75	898.42	896.94	895.81	894.74	893.74	892.94	892.21	891.53	891.05	890.32	889.76	888.28	886.99	885.83	884.77	883.29	882.05		
PGL	939.10	936.68	934.35	931.87	929.67	927.86	925.98	923.92	921.89	919.80	917.75	915.77	913.71	912.20	910.20	907.77	905.47	903.13	900.75	898.42	896.94	895.81	894.74	893.74	892.94	892.21	891.53	891.05	890.32	889.76	888.28	886.99	885.83	884.77	883.29	882.05		



Without Scale



Scale 1:1000

General Notes



جامعة بوليتكنك فلسطين

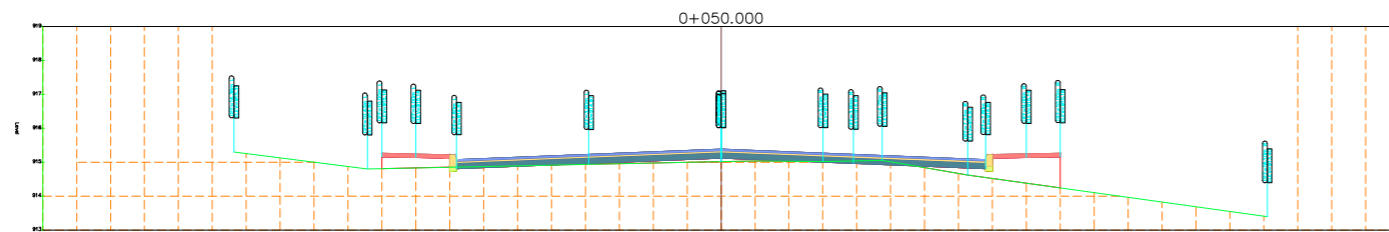
- Pavment
- Pavment
- Bascorse
- Sidewalk
- ASH_ALIGNMENT
- Ex-Centerline

- FENCE LINE
- SHADE TREE
- GATE
- SPOT LEVEL 580.080
- TRAVERSE POINTS
- FIRE HYDRANT
- STREET LIGHTING POLE
- UTILITY MANHOLE
- SANITARY MANHOLE
- STORM WATER MANHOLE
- WATER VALVE

Firm Name and Address
**تصميم الطريق الواصل بين
 مصنع نيروخ وحسبة الخليل**

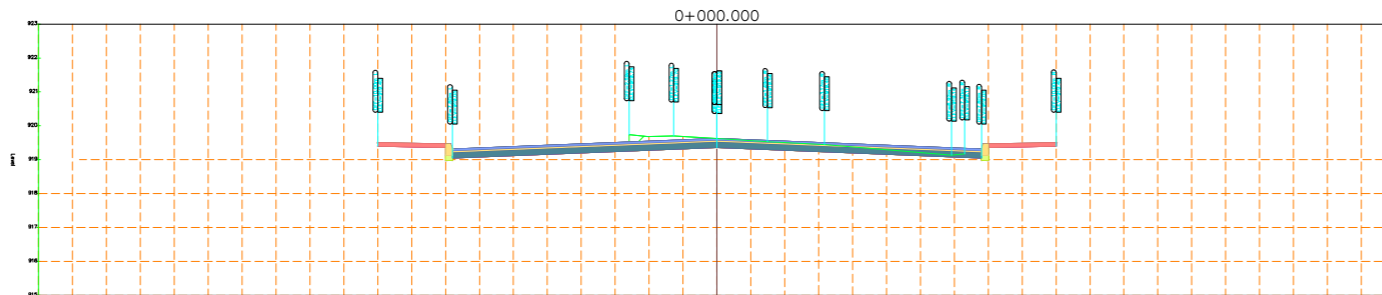
Project Name and Address
 Designed by
 Khilil ameerh
 Wrood Jaber
 Mohammad Mahdawi

Project Road Design	Sheet
Date 27.07.2020	
Scale 1:1000	



FG ELEVATION				915.12	915.08	915.00	914.93	914.84	
EG ELEVATION		915.31	914.80	915.02	915.04	915.02	915.06	914.62	913.40
OFFSET		-14.36	-10.43	0.00	1.05	3.00	4.75	7.27	16.10

CL



FG ELEVATION				919.26	919.28	919.31	919.36	919.30	919.24	919.09	919.07
EG ELEVATION				919.74	919.68	919.70	919.62	919.54	919.45	919.14	919.17
OFFSET				-2.59	-2.04	-1.27	0.00	1.49	3.17	6.92	7.30

CL

- NOTES**
1. ALL DIMENSIONS ARE IN METERS, UNLESS OTHERWISE NOTED.
 2. FOR COORDINATING SYSTEM USE (UTM) MAIN ALAB-ZONE 38
 3. DRAWINGS SHALL NOT BE SCALED, ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.
 4. THIS DRAWING SHOULD BE READ AT SITE ATTACH WITH E/M MAP DRAWINGS.
 5. ALL CO-ORDINATES AROUND THE BUILDINGS AND ENTRANCES ONE CO-ORDINATED WITH THE APPROVED ARCHITECTURAL DWG FOR MORE INFO REFER TO ARCHITECTURAL PACKAGE. FOR ALL BUILDINGS
 6. ALL CO-ORDINATES AROUND THE BUILDINGS AND ENTRANCES ONE CO-ORDINATED WITH THE APPROVED STRUCTURAL DWG FOR MORE INFO REFER TO STRUCTURAL PACKAGE. FOR ALL BUILDINGS
 7. FOR FURTHER INFORMATION ABOUT STORM DRAINAGE CORRIDORS, PLEASE REFER TO STORM PACKAGE.
 8. REGARDING ROAD CURB LEVELS (BOTTOM OF CURBS) AND ASPHALT LEVELS REFER TO ROAD PACKAGE FOR COORDINATION.
 9. REGARDING THE MEP DETAILS REFER TO MEP PACKAGE FOR COORDINATION.
 10. ALL PAVEMENT SIDEWALK ATTACHED OR ALIGN ROAD CURBS SHALL BE SLOPED WITH ROADS SLOPES DIRECTION.
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 12. FENCE FROM PROTOTYPE SHALL BE OMITTED ACCORDING TO LETTER (KAP4-PRG-ACC-123-01485) FOR DESIGN APPROVAL (KAP4-PRG-ACC-123-SITE-CH-000-1) SHALL BE FOLLOWED AS SHOWN ON DRAWINGS.
 13. FOR STORM WATER CALCULATIONS AND INFO REGARDING PROPOSED CORRIDORS REFER TO STORM WATER REPORT, NO. KAP4-REP-DD-123-SITE-PL-8200
 14. FOR MORE DATA CONCERNING BENCH MARKS NO=D1 REFER TO SURVEY DRAWINGS

LEGEND

EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
GATE	
SPOT LEVEL	•580.080
TRAVERSE POINTS	
ELECTRICAL SUBSTATION / BOX	
FIRE HYDRANT	
STREET LIGHTING POLE	
UTILITY MANHOLE	
TELECOMMUNICATION MANHOLE	
SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	

SACLE BAR

COORDINATION

CLIENT :	Hgim
CLIENT CONSULTANT :	rBajanvD
CONTRACTOR :	Hgim,G
CONTRACTOR CONSULTANT :	jsjshvD, Hgim,G
PROJECT NAME :	Hsl, hgim,U

TITLE

NO.	DATE	DESCRIPTION	BY	CHECKED BY
1	2020-07-29	ISSUED FOR APPROVAL	jsjshvD	Hgim,G

SCALE:	1:500
DATE:	2020-7-29
PROJECT NAME:	MHP-DD-RF
GRID NO.:	000000

- NOTES**
1. ALL DIMENSIONS ARE IN METERS, UNLESS OTHERWISE NOTED.
 2. FOR COORDINATING SYSTEM USE (UTM) MAIN ALBED-ZONE 38°
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LEGEND

EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
GATE	
SPOT LEVEL	.580.080
TRAVERSE POINTS	
ELECTRICAL SUBSTATION / BOX	
FIRE HYDRANT	
STREET LIGHTING POLE	
UTILITY MANHOLE	
TELECOMMUNICATION MANHOLE	
SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	

SACLE BAR

COORDINATION

CLIENT :	Hgim
CLIENT CONSULTANT :	rBajanvD
CONTRACTOR :	Hgim,G
CONTRACTOR CONSULTANT :	hgimvD, HgimvD
PROJECT NAME :	Hsl, hgimvU

TITLE

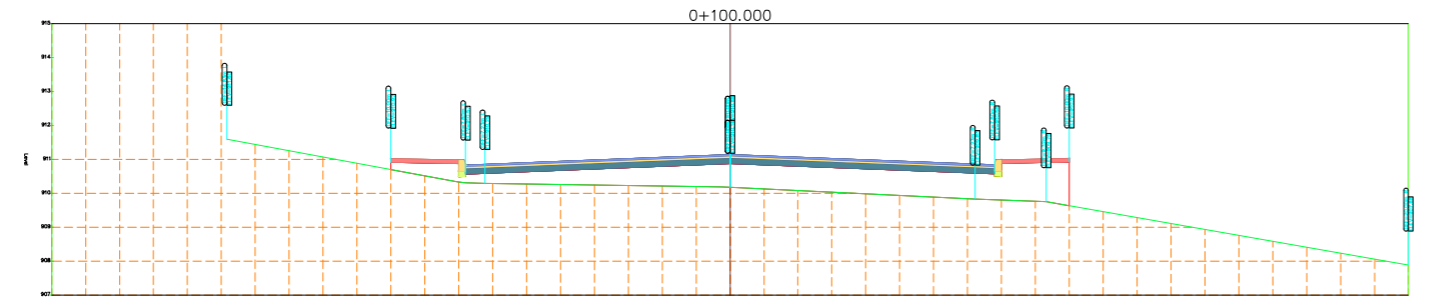
NO.	DATE	BY	CHECKED	APPROVED
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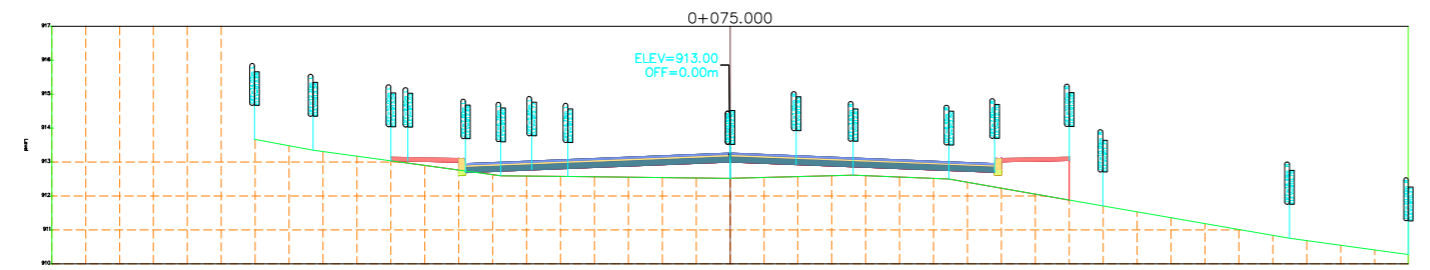
PROJECT NAME: MHP-DD-RF

DATE: 2020-7-29

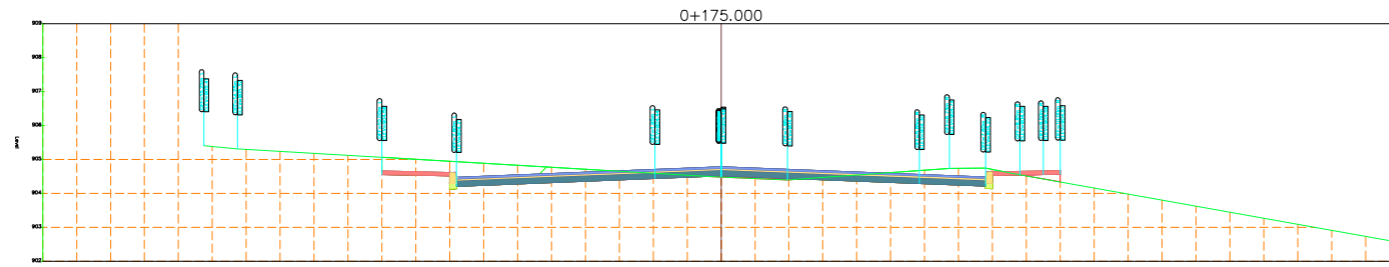
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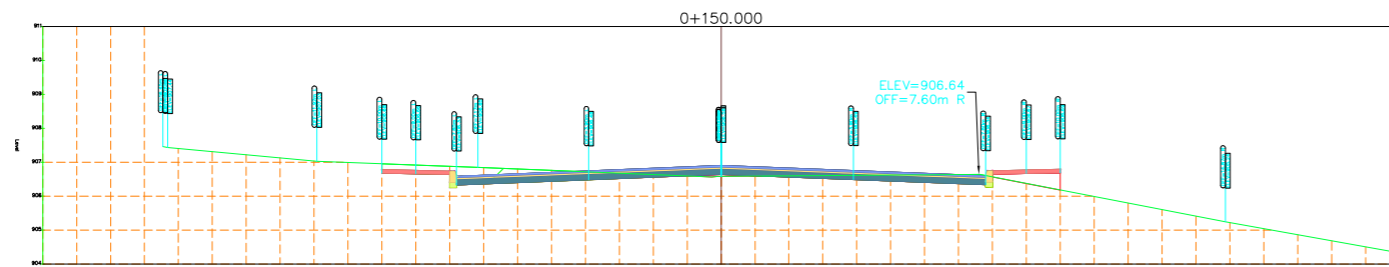
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EG ELEVATION	911.60	910.34	910.32	910.29	910.18	909.83	909.75	907.86
OFFSET	-14.83	-8.05	-7.97	-7.73	-0.24	0.00	7.23	9.32



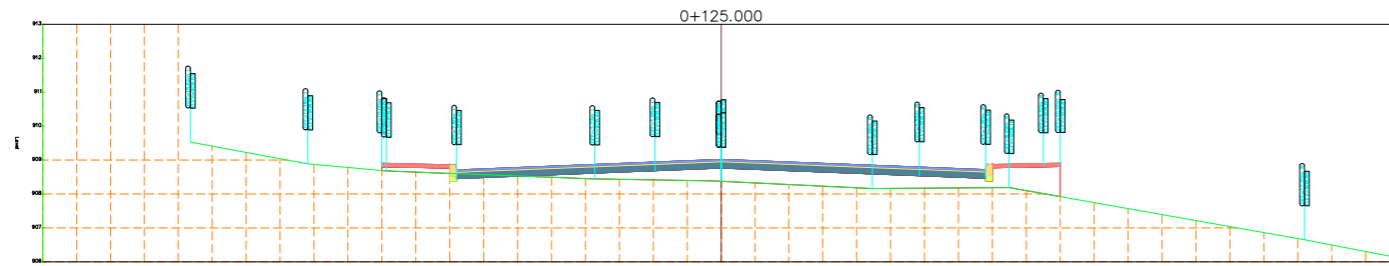
FG ELEVATION			912.73	912.81	913.00	912.86	912.75	
EG ELEVATION	913.66	913.34	912.90	912.57	912.52	912.61	912.50	911.71
OFFSET	-14.02	-12.30	-6.76	-4.78	-0.10	3.63	6.45	10.99



FG ELEVATION				904.52	904.45	904.26	904.22	904.55			
EG ELEVATION		905.41	905.32	904.49	904.48	904.40	904.74	904.75	904.55	902.56	
OFFSET		-15.25	-14.25	-0.21	0.00	1.96	6.73	7.80	7.80	8.81	20.00



FG ELEVATION				906.35	906.63	906.64	906.35				
EG ELEVATION		907.46	907.44	907.03	906.85	906.57	906.58	906.64	906.64	905.24	904.32
OFFSET		-16.45	-16.22	-11.92	-7.17	-0.28	0.00	7.60	7.60	14.87	20.00



FG ELEVATION				908.60	908.61	908.75	908.76	908.59	908.78		
EG ELEVATION		909.53	908.89	908.67	908.44	908.39	908.37	908.16	908.19	906.65	906.11
OFFSET		-15.64	-12.18	-9.87	-3.73	-0.31	0.00	4.46	8.49	17.20	20.00

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LEGEND

EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
GATE	
SPOT LEVEL	.580.080
TRAVERSE POINTS	
ELECTRICAL SUBSTATION / BOX	
FIRE HYDRANT	
STREET LIGHTING POLE	
UTILITY MANHOLE	
TELECOMMUNICATION MANHOLE	
SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	

SACLE BAR

COORDINATION

CLIENT:	Hgghg
CLIENT CONSULTANT:	Hgghg
CONTRACTOR:	Hgghg
CONTRACTOR CONSULTANT:	Hgghg
PROJECT NAME:	Hsl hgghgU

TITLE

NO.	DATE	BY	CHECKED	APPROVED
1	2020-07-29			

SCALE

1:500

PROJECT NAME

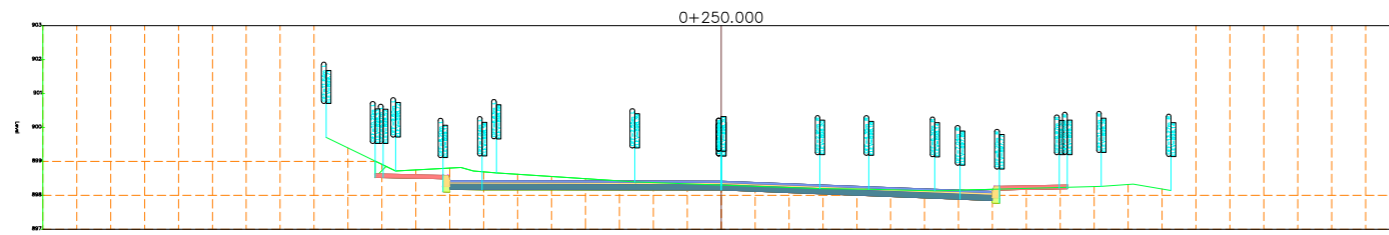
MHP-DD-RF

DATE

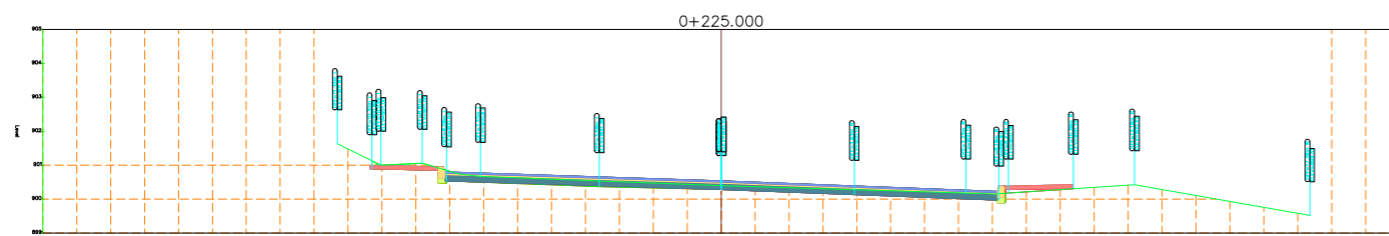
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PROJECT NO.

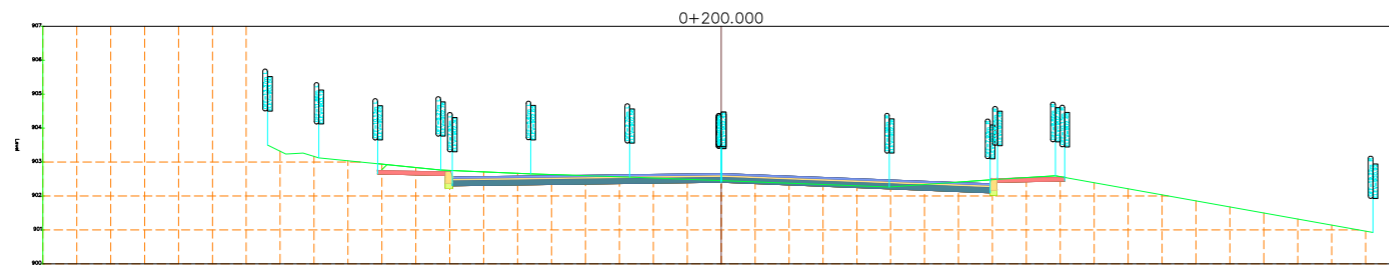
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FG ELEVATION			898.52	898.17	898.10	898.16		898.16												
EG ELEVATION		899.71	898.72	898.82	898.72	898.66		898.39	898.30	898.20	898.16	898.14		898.26	898.33	898.14				
OFFSET		-11.64	-9.60	-7.67	-7.13	-6.63		-2.55	0.00	2.91	4.35	6.30		11.21	12.15	13.27				



FG ELEVATION			900.89	900.86	900.53	900.50		900.28		900.01	899.97	900.28								
EG ELEVATION		901.63	901.00	901.05	900.73	900.67		900.40	900.40	900.18	900.15	900.18		900.42		899.51				
OFFSET		-11.32	-10.03	-8.81	-7.71	-7.10		-0.23	0.00	7.22	8.10	8.47		12.19		17.36				



FG ELEVATION				902.61	902.33	902.36	902.40	902.21	902.41	902.44										
EG ELEVATION		903.50	903.24	903.26	903.12	902.76	902.65	902.56	902.45	902.26	902.46	902.59								900.92
OFFSET		-13.37	-12.84	-12.32	-11.86	-8.27	-5.61	-2.70	0.00	4.96	8.15	9.65								19.72

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 14. FOR MORE DATA CONCERNING BENCH MARKS NO=D1 REFER TO SURVEY DRAWINGS

LEGEND

EDGE OF ASPHALT	—
RAISED KERB	—
EXISTING BUILDING	[Hatched Box]
EXISTING FOOTPATH	[Hatched Box]
SECONDARY SIDEWALK HATCH	[Wavy Hatch]
FENCE LINE	—
SHADE TREE	○
GATE	—
SPOT LEVEL	.580.080
TRAVERSE POINTS	TP
ELECTRICAL SUBSTATION / BOX	⊠
FIRE HYDRANT	↑
STREET LIGHTING POLE	☀
UTILITY MANHOLE	M
TELECOMMUNICATION MANHOLE	T
SANITARY MANHOLE	S
STORM WATER MANHOLE	SW
WATER VALVE	V

SACLE BAR

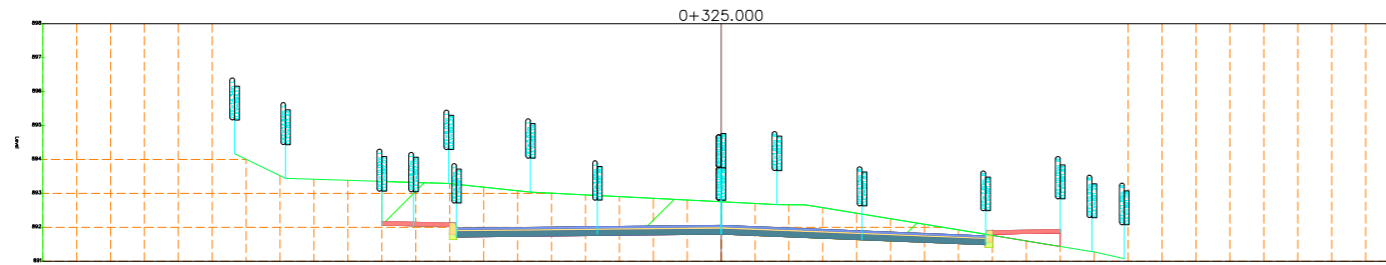
COORDINATION

CLIENT :	Hgim
CLIENT CONSULTANT :	rBajanvD
CONTRACTOR :	Hgim,G
CONTRACTOR CONSULTANT :	gshvD, Hgim,G
PROJECT NAME :	Hsl, hgim,U

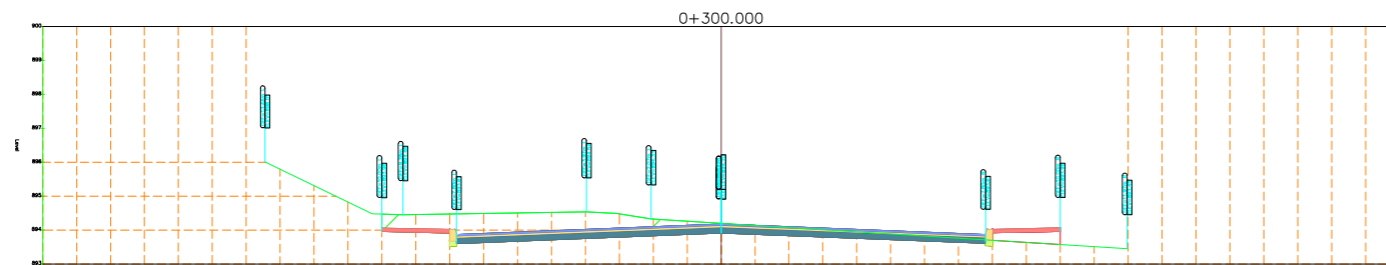
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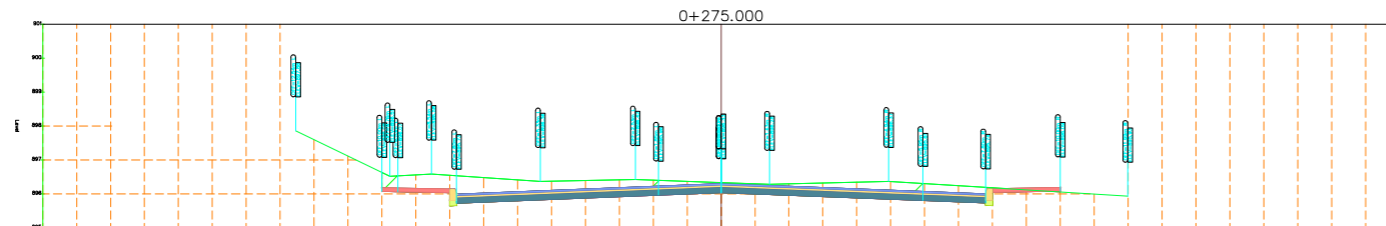
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 DATE: 2020-7-29
 DRAWING NO.: 000000



FG ELEVATION			892.03	891.76	891.80	891.73	891.70		
EG ELEVATION		894.17	893.44	893.29	893.04	892.76	892.67	892.66	891.08
OFFSET		-14.34	-12.84	-8.03	-5.62	0.00	1.65	2.49	10.93



FG ELEVATION			893.94	893.76	893.80	893.84	893.92		
EG ELEVATION		896.01	894.48	894.46	894.54	894.49	894.33	894.20	893.45
OFFSET		-13.44	-10.28	-9.38	-3.97	-3.07	-2.07	0.00	11.97



FG ELEVATION			896.07	896.05	896.63	895.94	896.04	895.98	895.85	
EG ELEVATION		897.86	896.51	896.56	896.36	896.42	896.33	896.28	896.37	895.93
OFFSET		-12.24	-9.76	-8.54	-5.33	-2.53	0.00	1.43	4.94	11.99

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 14. FOR MORE DATA CONCERNING BENCH MARKS NO=D1 REFER TO SURVEY DRAWINGS

LEGEND

EDGE OF ASPHALT	—
RAISED KERB	—
EXISTING BUILDING	[Hatched Box]
EXISTING FOOTPATH	[Cross-hatched Box]
SECONDARY SIDEWALK HATCH	[Wavy Hatched Box]
FENCE LINE	—
SHADE TREE	○
GATE	—
SPOT LEVEL	.580.080
TRAVERSE POINTS	TP
ELECTRICAL SUBSTATION / BOX	⊠
FIRE HYDRANT	↑
STREET LIGHTING POLE	☀
UTILITY MANHOLE	M
TELECOMMUNICATION MANHOLE	T
SANITARY MANHOLE	S
STORM WATER MANHOLE	SW
WATER VALVE	V

SCALE BAR

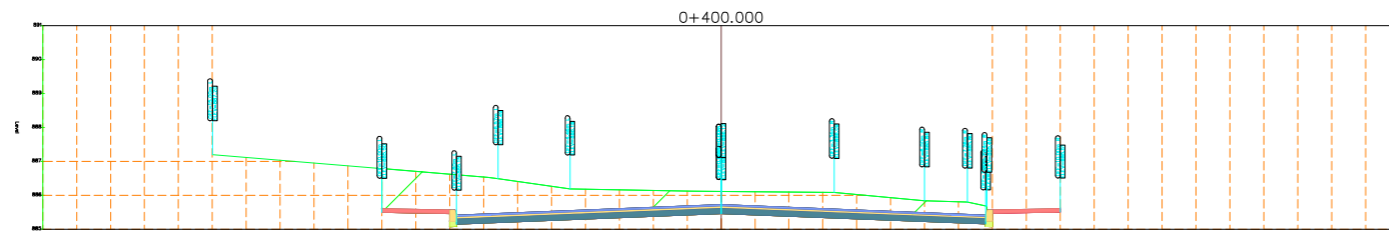
COORDINATION

CLIENT :	Hghg
CLIENT CONSULTANT :	Hghg
CONTRACTOR :	Hghg
CONTRACTOR CONSULTANT :	Hghg
PROJECT NAME :	Hghg

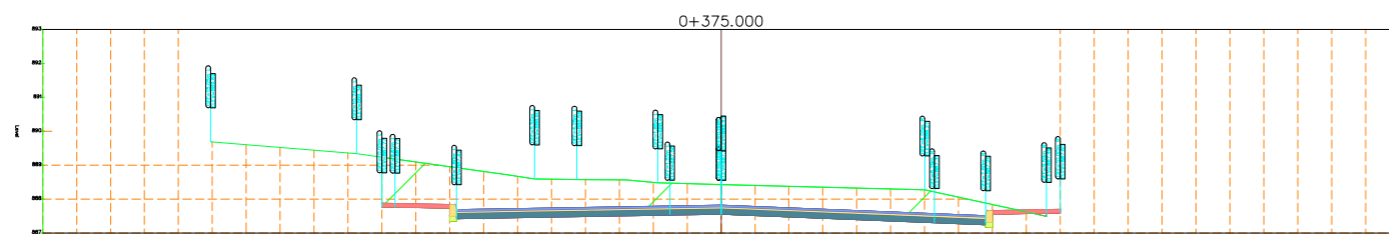
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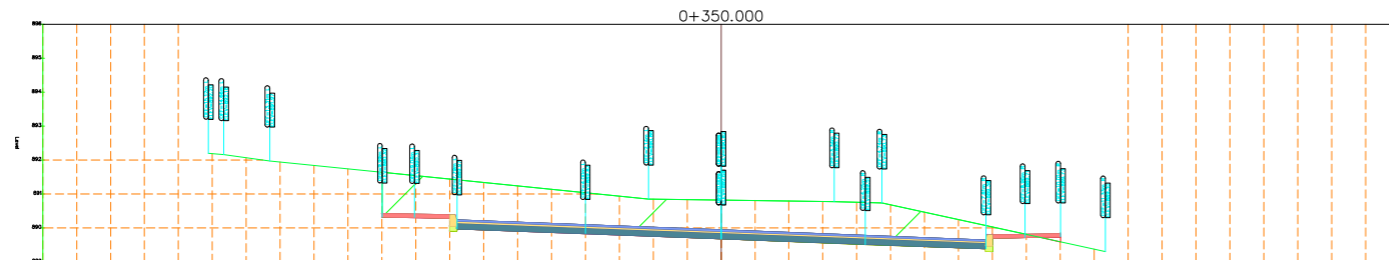
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PROJECT NAME: MHP-DD-RF
DATE: 2020-7-29
DRAWING NO.: 000000



FG ELEVATION				885.19	885.20	885.29	885.43	885.47	885.33	885.23	885.18	885.09
EG ELEVATION	887.20		886.53	886.49	886.18		886.12	886.12	886.09	885.84	885.60	885.68
OFFSET	-15.00		-6.86	-6.57	-4.46		-0.87	0.00	3.34	6.00	7.26	7.84



FG ELEVATION			887.46	887.47	887.50	887.53	887.55	887.56		887.32	887.59
EG ELEVATION	889.69	889.34	888.70	888.60	888.58	888.56	888.48	888.43		888.27	887.49
OFFSET	-15.05	-10.74	-6.23	-5.50	-4.25	-2.79	-1.86	0.00		6.00	9.59



FG ELEVATION					889.76	889.68	889.55	889.49			
EG ELEVATION	892.20	892.16	891.97		890.85	890.82	890.77	890.73			889.30
OFFSET	-15.12	-14.66	-13.31		-2.14	0.00	3.34	4.74			11.33

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LEGEND

EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
GATE	
SPOT LEVEL	.580.080
TRAVERSE POINTS	
ELECTRICAL SUBSTATION / BOX	
FIRE HYDRANT	
STREET LIGHTING POLE	
UTILITY MANHOLE	
TELECOMMUNICATION MANHOLE	
SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	

SCALE BAR

COORDINATION

CLIENT:	Hgim
CLIENT CONSULTANT:	Hgim
CONTRACTOR:	Hgim,G
CONTRACTOR CONSULTANT:	Hgim,G
PROJECT NAME:	Hsl, hgim,U

TITLE

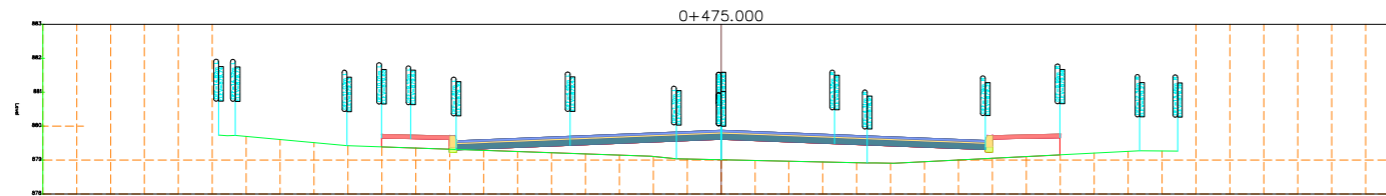
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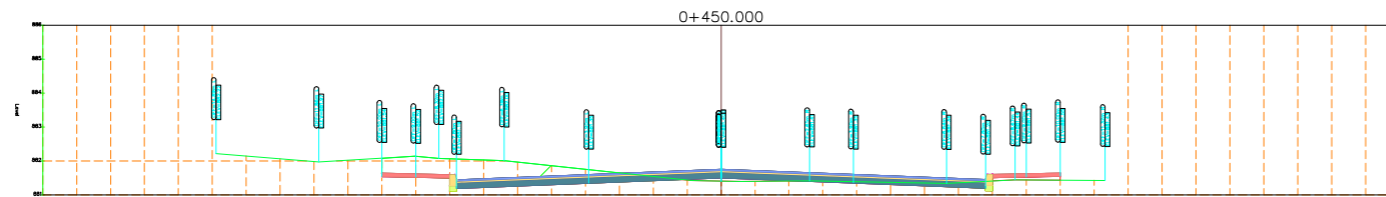
PROJECT NAME MHP-DD-RF

DATE 2020-7-29

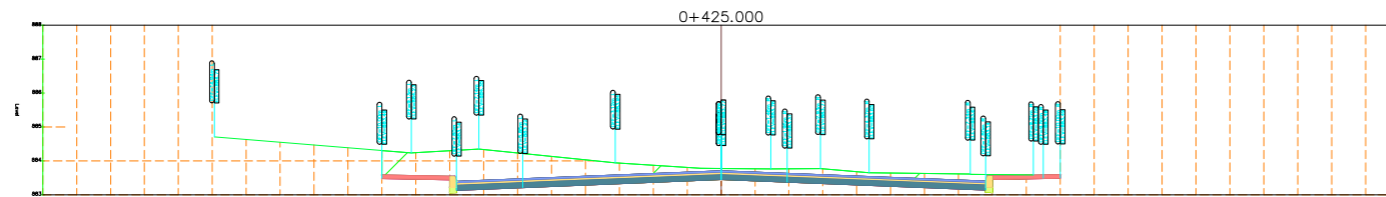
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FG ELEVATION					879.53	879.56	879.61		879.44	879.43	879.41		
EG ELEVATION	879.74	879.71	879.73	879.43	879.11	879.03	879.00		876.91	875.43	875.91		879.27
OFFSET	-14.82	-15.59	-14.37	-11.03	-2.07	-1.32	0.00		4.31	4.37	5.09		12.34



FG ELEVATION						881.52	881.51	881.25		881.47	881.50	881.48	881.40		881.24	881.52	
EG ELEVATION		882.22	881.97			882.13	882.07	882.00		881.42	881.40	881.39	881.41		881.34	881.44	881.43
OFFSET		-14.89	-11.86			-9.03	-8.30	-6.39		-0.87	0.00	0.60	2.61		6.64	8.67	11.32



FG ELEVATION						883.47	883.16	883.33		883.43	883.45	883.39	883.34		883.28	883.16	883.48
EG ELEVATION		884.71				884.23	884.35	883.94		883.78	883.77	883.76	883.77		883.65	883.61	883.60
OFFSET		-14.94				-9.13	-7.14	-3.12		-0.61	0.00	1.46	2.93		4.37	7.34	9.21

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LEGEND

EDGE OF ASPHALT	—
RAISED KERB	—
EXISTING BUILDING	[Hatched Box]
EXISTING FOOTPATH	[Hatched Box]
SECONDARY SIDEWALK HATCH	[Wavy Hatch]
FENCE LINE	—
SHADE TREE	○
GATE	—
SPOT LEVEL	.580.080
TRAVERSE POINTS	TP
ELECTRICAL SUBSTATION / BOX	⊠
FIRE HYDRANT	↑
STREET LIGHTING POLE	☀
UTILITY MANHOLE	⊕
TELECOMMUNICATION MANHOLE	⊕
SANITARY MANHOLE	⊕
STORM WATER MANHOLE	⊕
WATER VALVE	⊕

SCALE BAR

COORDINATION

CLIENT:	Hgim;
CLIENT CONSULTANT:	Hgim;
CONTRACTOR:	Hgim,G
CONTRACTOR CONSULTANT:	Hgim,G
PROJECT NAME:	Hsl, hgim,U

TITLE

NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
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SCALE

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PROJECT NAME

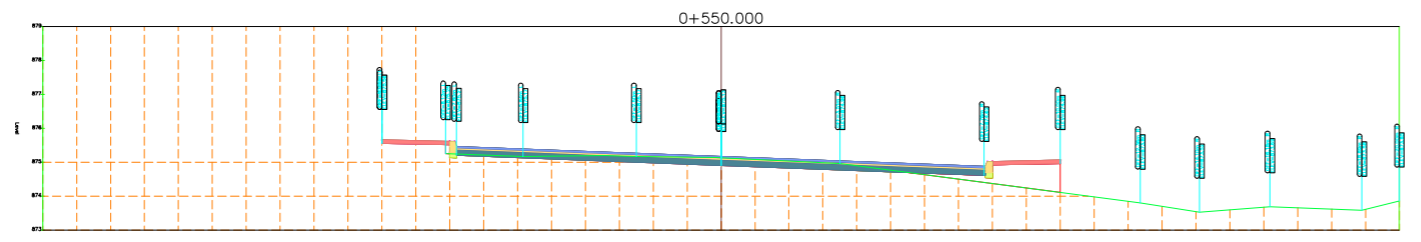
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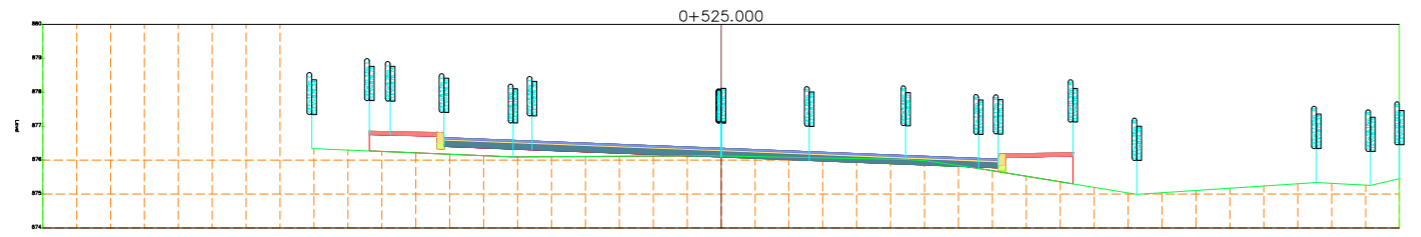
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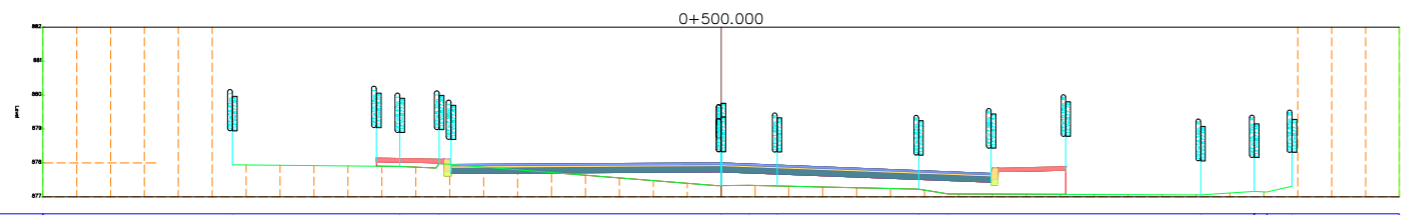
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FG ELEVATION			875.52	875.13	875.04	875.00	874.91	874.78					
EG ELEVATION			875.25	875.17	875.20	875.17	875.13	874.96		873.90	873.52	873.69	873.58
OFFSET			-8.12	-5.84	-3.44	-2.50	-0.16	3.51		12.36	14.10	16.18	18.89



FG ELEVATION			876.32	876.09	876.09	876.12	876.12	875.88	875.85	875.79			
EG ELEVATION		876.34	876.09	876.13	876.12	876.12	876.12	876.01	875.98	875.76	874.99	875.34	875.25
OFFSET		-12.07	-6.14	-0.23	0.00	0.00	0.00	5.44	6.04	7.59	12.26	17.55	19.15



FG ELEVATION			878.02	878.00	877.73	877.70	877.67	877.51	877.48				
EG ELEVATION	877.94	877.89	877.84	877.84	877.83	877.83	877.82	877.83	877.88	877.06	877.16	877.14	877.31
OFFSET	-14.41	-9.47	-8.41	-8.37	-0.13	0.83	1.65	5.82	6.69	14.14	15.72	16.08	16.83

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LEGEND

- EDGE OF ASPHALT
- RAISED KERB
- EXISTING BUILDING
- EXISTING FOOTPATH
- SECONDARY SIDEWALK HATCH
- FENCE LINE
- SHADE TREE
- GATE
- SPOT LEVEL
- TRAVERSE POINTS
- ELECTRICAL SUBSTATION / BOX
- FIRE HYDRANT
- STREET LIGHTING POLE
- UTILITY MANHOLE
- TELECOMMUNICATION MANHOLE
- SANITARY MANHOLE
- STORM WATER MANHOLE
- WATER VALVE

SCALE BAR

COORDINATION

CLIENT:	Hghg
CLIENT CONSULTANT:	rBajanvD
CONTRACTOR:	Hghg,G
CONTRACTOR CONSULTANT:	gghvD, Hghg,U
PROJECT NAME:	Hsl, hghg,U

TITLE

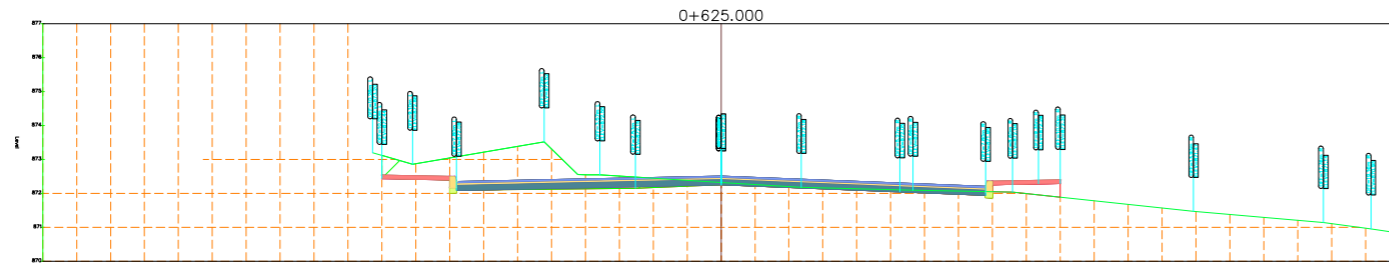
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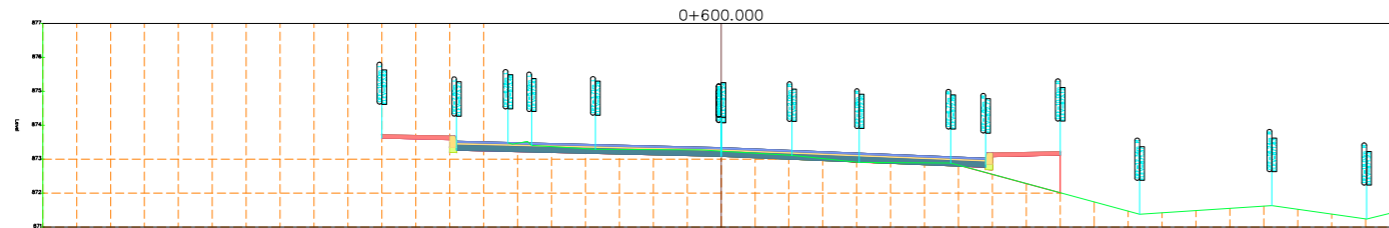
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DATE: 2020-7-29

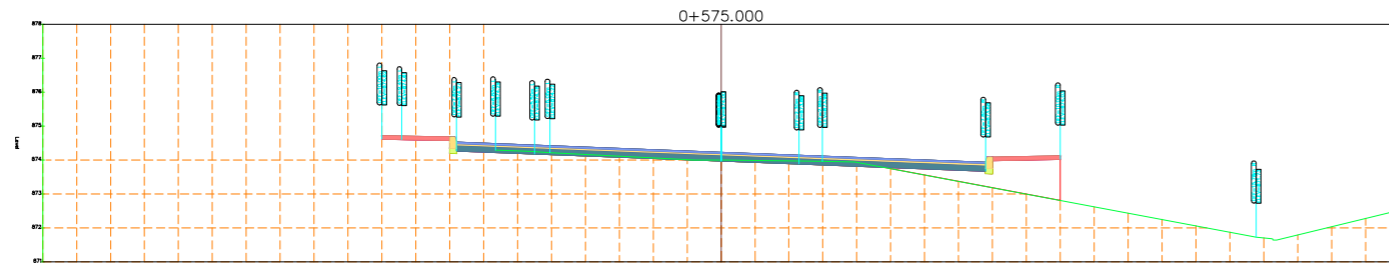
DRAWING NO: 000000



FG ELEVATION																						
EG ELEVATION		873.20	872.86		872.12	872.14	872.14		872.26	872.16		872.03	872.27						871.47	871.14	870.95	870.83
OFFSET		-10.28	-9.10		-5.22	-4.22	-3.89	-3.57	0.00	2.37		5.66	8.60					13.93	17.76	19.16	20.00	



FG ELEVATION																						
EG ELEVATION				873.23	873.23	873.21		873.17		873.09	873.08		873.00	872.92		872.81			871.37	871.63	871.23	871.47
OFFSET				-6.98	-6.15	-5.70		-3.71		-0.58	0.00		2.09	4.08		6.77			12.34	16.24	19.03	20.00



FG ELEVATION																							
EG ELEVATION				874.22	874.18	874.16		874.00	873.97		873.86	873.82							871.73	871.66	871.64	871.64	872.52
OFFSET				-6.65	-5.59	-5.05		-0.75	0.00		2.99	3.94						15.76	16.26	16.35	16.35	20.00	

- NOTES**
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LEGEND

EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
GATE	
SPOT LEVEL	.580.080
TRAVERSE POINTS	
ELECTRICAL SUBSTATION / BOX	
FIRE HYDRANT	
STREET LIGHTING POLE	
UTILITY MANHOLE	
TELECOMMUNICATION MANHOLE	
SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	

SCALE BAR

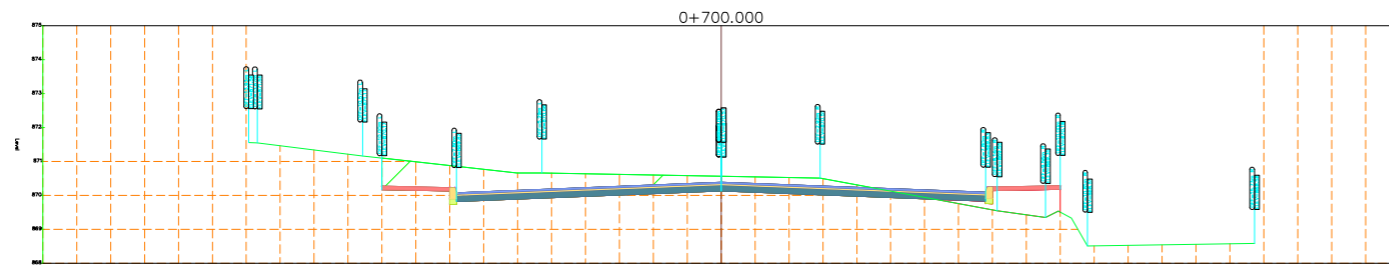
COORDINATION

CLIENT:	Hghg
CLIENT CONSULTANT:	Hghg
CONTRACTOR:	Hghg
CONTRACTOR CONSULTANT:	Hghg
PROJECT NAME:	Hghg

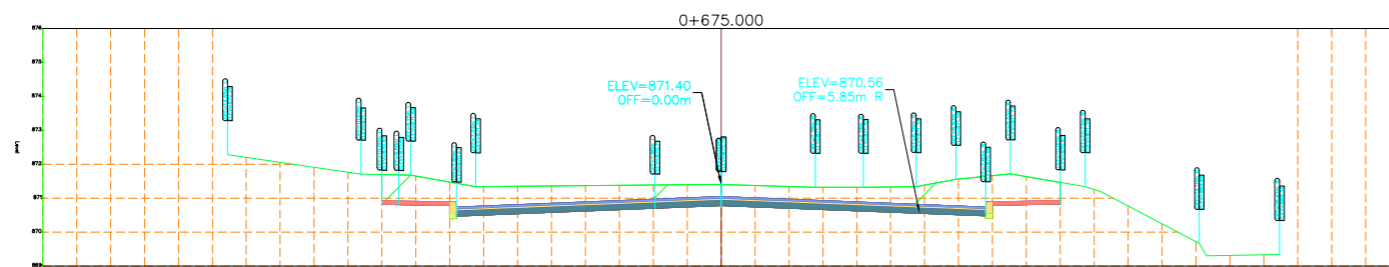
TITLE

NO.	DATE	DESCRIPTION	BY	CHECKED BY	APPROVED BY
1	2020-07-29	ISSUED FOR APPROVAL			

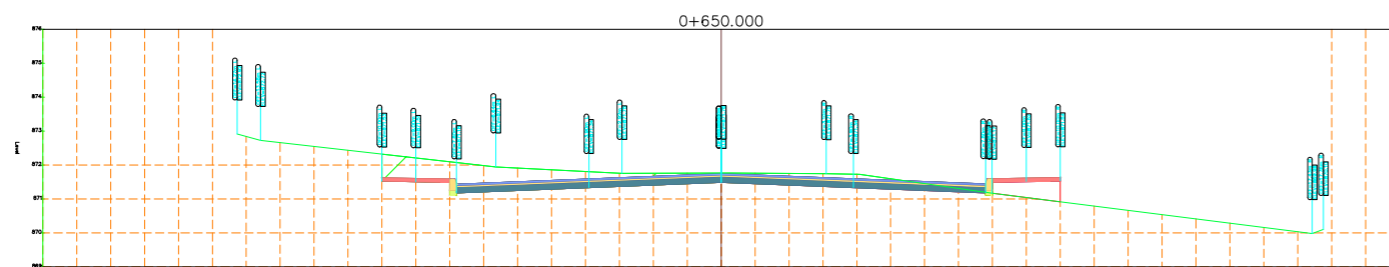
SCALE: 1:500
PROJECT NAME: MHP-DD-RF
DATE: 2020-7-29
DRAWING NO.: 000000



FG ELEVATION				869.89	869.90	869.92	870.13	870.02	870.14	870.17	870.15		
EG ELEVATION		871.56	871.55	871.17	870.66	870.66	870.66	870.57	870.51	869.55	869.35	869.33	868.51
OFFSET		-13.93	-13.6	-10.57	-6.02	-5.77	-5.28	0.00	2.92	8.14	9.56	9.94	10.33



FG ELEVATION			870.81	870.50		870.79	870.68	870.62	870.56	870.92	870.80		
EG ELEVATION		872.28	871.71	871.65	871.34	871.41	871.40	871.32	871.32	871.34	871.56	871.72	871.34
EG ELEVATION		871.20	869.66	869.30	869.34								
OFFSET		-14.55	-10.62	-9.15	-7.24	-0.17	0.99	2.78	4.19	5.75	6.93	6.53	10.73



FG ELEVATION			871.23	871.38	871.49	871.45	871.37	871.33	871.11		
EG ELEVATION		872.92	872.72	871.94	871.75	871.76	871.76	871.75	871.73	871.17	869.98
EG ELEVATION		870.10									870.10
OFFSET		-14.27	-13.58	-6.64	-2.92	0.00	0.28	3.10	4.08	7.98	17.43

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 14. FOR MORE DATA CONCERNING BENCH MARKS NO=D1 REFER TO SURVEY DRAWINGS

LEGEND

EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
GATE	
SPOT LEVEL	•580.080
TRAVERSE POINTS	
ELECTRICAL SUBSTATION / BOX	
FIRE HYDRANT	
STREET LIGHTING POLE	
UTILITY MANHOLE	
TELECOMMUNICATION MANHOLE	
SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	

SACLE BAR

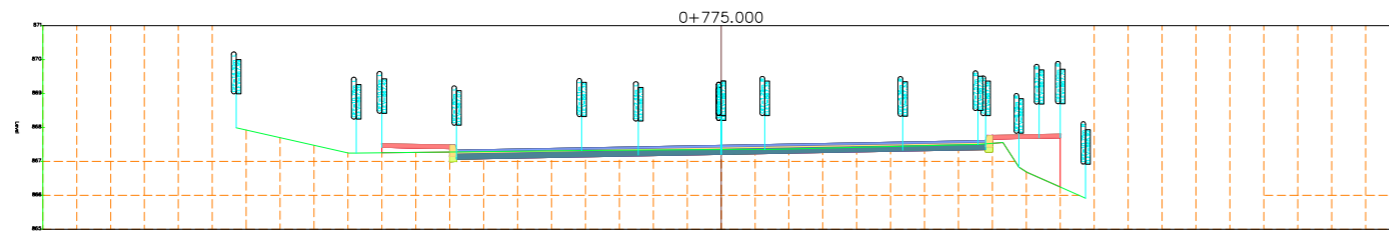
COORDINATION

CLIENT :	Hgim
CLIENT CONSULTANT :	Hgim
CONTRACTOR :	Hgim
CONTRACTOR CONSULTANT :	Hgim
PROJECT NAME :	Hsl hgim

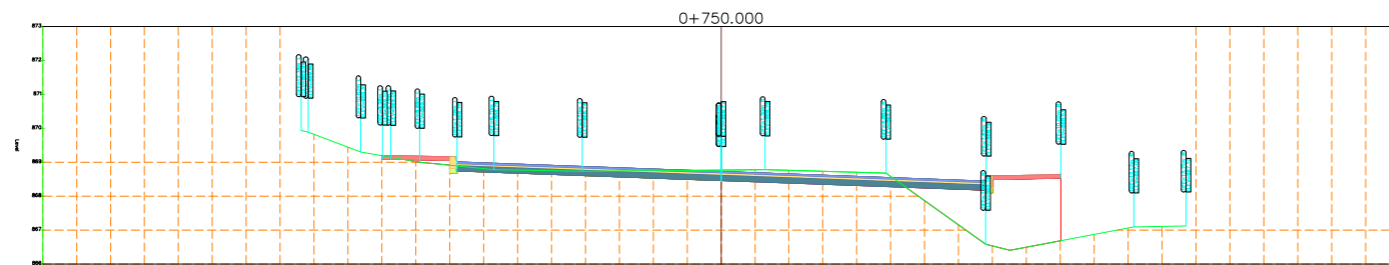
TITLE

NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY
1					
2					
3					
4					

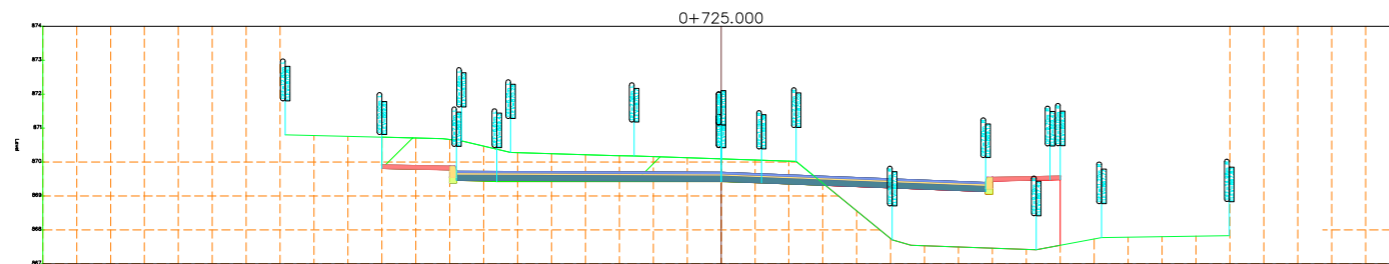
SCALE: 1:500
PROJECT NAME: MHP-DD-RF
DATE: 2020-7-29
DRAWING NO.: 000000



FG ELEVATION				867.15	867.21	867.22	867.24		867.35	867.67	867.68	
EG ELEVATION	867.99	867.25	867.25	867.32	867.35	867.36	867.35		867.50	866.83	866.68	865.92
OFFSET	-11.30	-10.99	-10.77	-4.11	0.00	0.58	1.29		7.57	8.31	9.02	10.75



FG ELEVATION			869.07	868.71	868.61	868.46	868.43	868.29	868.18	868.50		
EG ELEVATION	869.94	869.89	869.31	869.00	868.79	868.74	868.77	868.76	868.68	866.58	866.40	867.09
OFFSET	-12.38	-12.17	-10.62	-8.88	-6.70	-4.10	0.00	1.30	4.56	7.80	8.52	12.17



FG ELEVATION			869.77	869.45	869.43	869.43	869.43	869.34	869.23	869.21		
EG ELEVATION	870.80	870.69	870.62	870.28	870.19	870.17	870.09	870.02	867.70	867.54	867.42	867.77
OFFSET	-12.85	-6.21	-7.66	-6.21	-3.13	-2.56	0.00	2.22	5.05	5.60	9.29	11.22

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LEGEND

EDGE OF ASPHALT	—
RAISED KERB	—
EXISTING BUILDING	[Hatched Box]
EXISTING FOOTPATH	[Hatched Box]
SECONDARY SIDEWALK HATCH	[Wavy Hatch]
FENCE LINE	—
SHADE TREE	○
GATE	—
SPOT LEVEL	.580.080
TRAVERSE POINTS	TP
ELECTRICAL SUBSTATION / BOX	⊠
FIRE HYDRANT	↑
STREET LIGHTING POLE	☀
UTILITY MANHOLE	M
TELECOMMUNICATION MANHOLE	T
SANITARY MANHOLE	S
STORM WATER MANHOLE	SW
WATER VALVE	V

SCALE BAR

COORDINATION

CLIENT:	Hghm
CLIENT CONSULTANT:	Hghm
CONTRACTOR:	Hghm
CONTRACTOR CONSULTANT:	Hghm
PROJECT NAME:	Hsl, hghm, U

TITLE

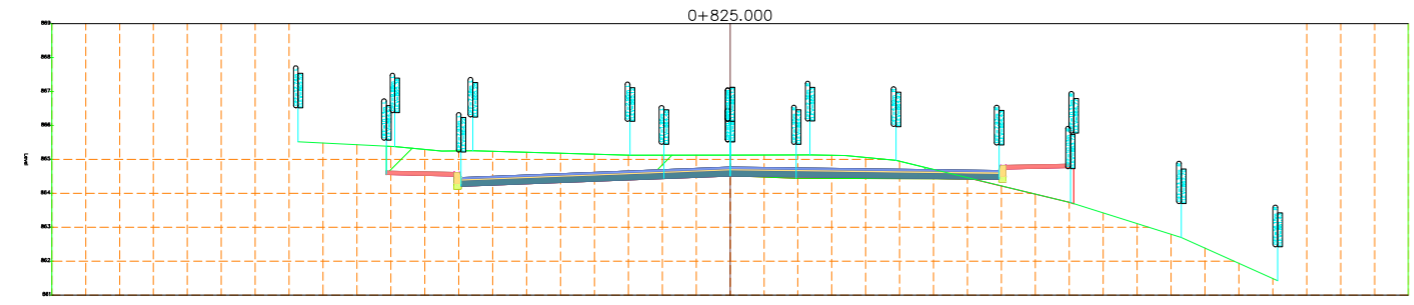
NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY
1	2020-07-29	ISSUED FOR APPROVAL			

SCALE: 1:500
PROJECT NAME: MHP-DD-RF
DATE: 2020-7-29
PROJECT NO.: 000000

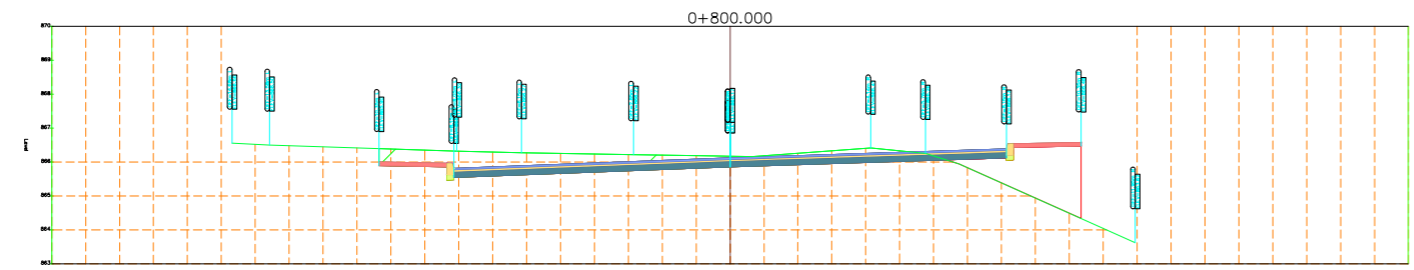
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LEGEND

EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
GATE	
SPOT LEVEL	.580.080
TRAVERSE POINTS	
ELECTRICAL SUBSTATION / BOX	
FIRE HYDRANT	
STREET LIGHTING POLE	
UTILITY MANHOLE	
TELECOMMUNICATION MANHOLE	
SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	



FG ELEVATION			864.56	864.53	864.23		864.41	864.52	864.44	864.44	864.44	864.77		
EG ELEVATION		865.52	865.38	865.25	865.25		865.12	865.13	865.13	865.11	864.97	863.72	862.70	861.43
OFFSET		-12.74	-9.88	-8.50	-7.58		-2.95	0.00	2.36	3.41	4.89	10.03	13.30	16.15



FG ELEVATION			865.55	865.62	865.75	865.84	865.85	865.88	865.99	866.05	866.08		
EG ELEVATION		866.55	866.50	866.32	866.27	866.22	866.18	866.17	866.41	866.26	865.95	863.62	
OFFSET		-14.68	-13.58	-8.05	-6.15	-2.85	-0.42	0.00	4.14	5.76	6.75	11.95	

SCALE BAR

COORDINATION

CLIENT: Hgim, G

CLIENT CONSULTANT: Hgim, G

CONTRACTOR: Hgim, G

CONTRACTOR CONSULTANT: Hgim, G

PROJECT NAME: Hsl, Hgim, U

TITLE

NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY
1	2020-07-29	ISSUED FOR APPROVAL			

SCALE: 1:500

PROJECT NAME: MHP-DD-RF

DATE: 2020-7-29

SCALE: 000000

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EDGE OF ASPHALT	
RAISED KERB	
EXISTING BUILDING	
EXISTING FOOTPATH	
SECONDARY SIDEWALK HATCH	
FENCE LINE	
SHADE TREE	
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SANITARY MANHOLE	
STORM WATER MANHOLE	
WATER VALVE	

SCALE BAR

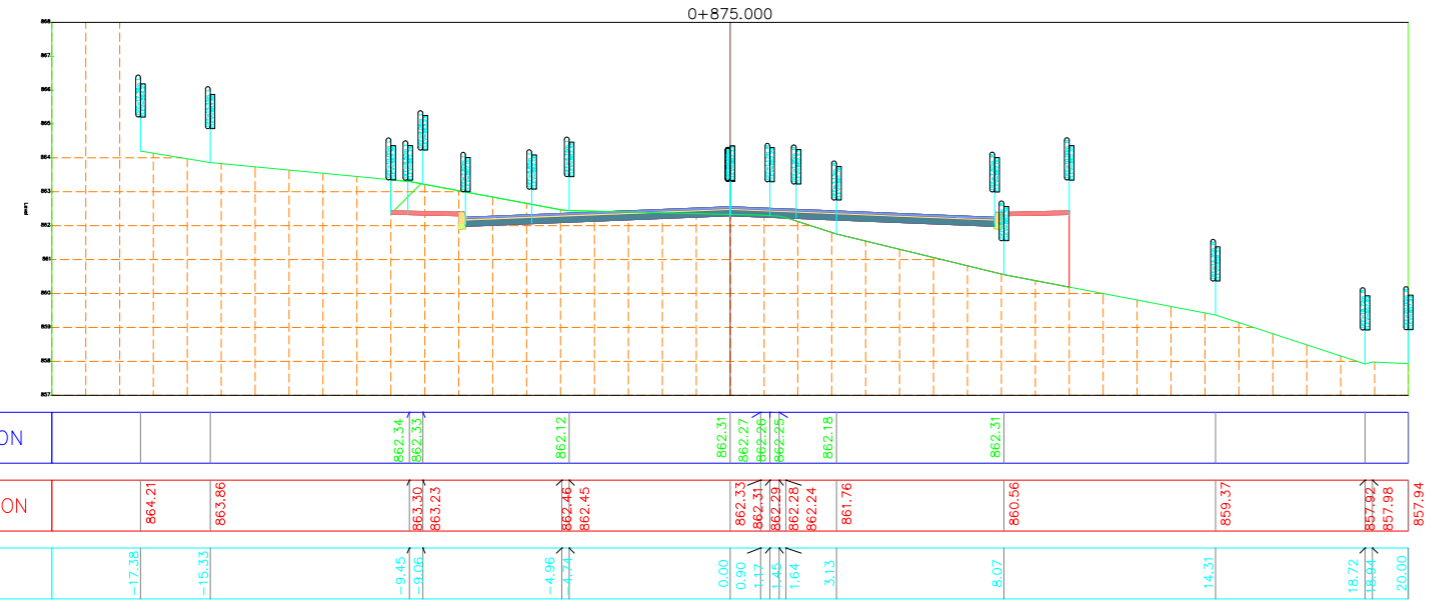
COORDINATION

CLIENT:	Hgim
CLIENT CONSULTANT:	Hgim
CONTRACTOR:	Hgim
CONTRACTOR CONSULTANT:	Hgim
PROJECT NAME:	Hsl hgim

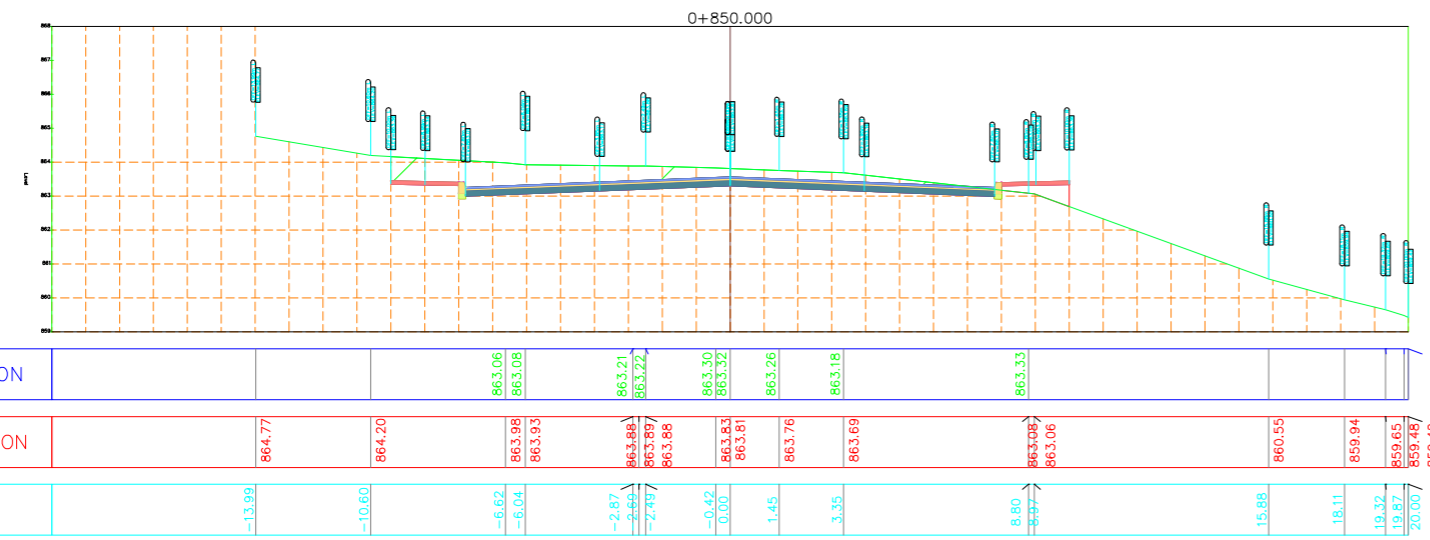
TITLE

NO.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
1	2020-07-29	ISSUED FOR APPROVAL			

SCALE: 1:500
PROJECT NAME: MHP-DD-RF
DATE: 2020-7-29
PROJECT NO.: 000000



Station	EG ELEVATION	FG ELEVATION	OFFSET
0+875.000	864.21		-17.38
	863.86		-15.33
	863.30	862.34	-9.45
	863.23	862.33	-9.06
	862.46	862.12	-4.96
	862.45		-7.77
	862.33	862.31	0.00
	862.31	862.27	0.90
	862.29	862.26	-1.17
	862.28	862.25	-1.45
	862.24	862.24	1.64
	861.76	862.18	3.13
	860.56	862.31	8.07
	859.37		14.31
	857.92		18.72
	857.99		18.94
	857.94		20.00



Station	EG ELEVATION	FG ELEVATION	OFFSET
0+850.000	864.77		-13.99
	864.20		-10.60
	863.98	863.06	-6.62
	863.93	863.08	-6.04
	863.86	863.21	-2.87
	863.89	863.22	-2.69
	863.86		-7.97
	863.33	863.30	-0.42
	863.81	863.32	0.00
	863.76	863.26	1.45
	863.69	863.18	3.35
	863.06	863.33	8.80
	863.06		8.97
	860.55		15.88
	859.94		18.11
	859.65		19.32
	859.48		19.87
	859.42		20.00

Volume Report

Project: C:\Users\Administrator\appdata\localtemp\k4_1_31058_7219_sv\$

Alignment: CL

Sample Line Group: SL Collection - 1

Start Sta: 0+000.000

End Sta: 0+900.000

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+000.000	2.61	0.00	0.00	2.61	0.00	0.00	0.00	0.00	0.00
0+025.000	3.66	78.41	78.41	3.66	78.41	78.41	78.41	78.41	0.00
0+050.000	0.38	50.46	50.46	0.38	50.46	128.87	128.87	128.87	0.00
0+075.000	0.00	4.73	4.73	0.00	4.73	133.60	133.60	133.60	0.00
0+100.000	0.00	0.00	0.00	0.00	0.00	133.60	133.60	133.60	0.00
0+125.000	0.03	0.43	0.43	0.03	0.43	134.03	134.03	134.03	0.00
0+150.000	3.30	41.63	41.63	3.30	41.63	175.67	175.67	175.67	0.00
0+175.000	5.74	112.90	112.90	5.74	112.90	288.57	288.57	288.57	0.00
0+200.000	5.15	136.11	136.11	5.15	136.11	424.68	424.68	424.68	0.00
0+225.000	5.90	138.72	138.72	5.90	138.72	563.39	563.39	563.39	0.00
0+250.000	6.77	160.30	160.30	6.77	160.30	723.69	723.69	723.69	0.00
0+275.000	8.89	195.71	195.71	8.89	195.71	919.40	919.40	919.40	0.00
0+300.000	8.41	216.15	216.15	8.41	216.15	1135.55	1135.55	1135.55	0.00
0+325.000	19.48	348.64	348.64	19.48	348.64	1484.19	1484.19	1484.19	0.00
0+350.000	24.81	555.70	555.70	24.81	555.70	2039.90	2039.90	2039.90	0.00
0+375.000	19.90	558.84	558.84	19.90	558.84	2598.74	2598.74	2598.74	0.00
0+400.000	15.44	441.78	441.78	15.44	441.78	3040.52	3040.52	3040.52	0.00
0+425.000	11.09	331.73	331.73	11.09	331.73	3372.24	3372.24	3372.24	0.00
0+450.000	4.79	198.50	198.50	4.79	198.50	3570.74	3570.74	3570.74	0.00
0+475.000	0.00	59.82	59.82	0.00	59.82	3630.56	3630.56	3630.56	0.00
0+500.000	1.43	17.72	17.72	1.43	17.72	3648.29	3648.29	3648.29	0.00
0+525.000	4.24	71.14	71.14	4.24	71.14	3719.43	3719.43	3719.43	0.00
0+550.000	4.72	113.56	113.56	4.72	113.56	3832.99	3832.99	3832.99	0.00
0+575.000	2.69	92.54	92.54	2.69	92.54	3925.53	3925.53	3925.53	0.00
0+600.000	2.98	71.60	71.60	2.98	71.60	3997.13	3997.13	3997.13	0.00
0+625.000	6.84	122.67	122.67	6.84	122.67	4119.80	4119.80	4119.80	0.00
0+650.000	7.14	174.72	174.72	7.14	174.72	4294.53	4294.53	4294.53	0.00
0+675.000	14.99	276.59	276.59	14.99	276.59	4571.12	4571.12	4571.12	0.00
0+700.000	9.47	305.70	305.70	9.47	305.70	4876.82	4876.82	4876.82	0.00
0+725.000	12.40	273.33	273.33	12.40	273.33	5150.15	5150.15	5150.15	0.00

0+750.000	6.65	241.49	241.49	6.65	241.49	5391.64	5391.64	5391.64	5391.64	0.00
0+775.000	4.63	141.21	141.21	4.63	141.21	5532.85	5532.85	5532.85	5532.85	0.00
0+800.000	7.36	149.68	149.68	7.36	149.68	5682.53	5682.53	5682.53	5682.53	0.00
0+825.000	10.53	223.15	223.15	10.53	223.15	5905.67	5905.67	5905.67	5905.67	0.00
0+850.000	9.38	248.94	248.94	9.38	248.94	6154.61	6154.61	6154.61	6154.61	0.00
0+875.000	4.69	175.96	175.96	4.69	175.96	6330.57	6330.57	6330.57	6330.57	0.00
0+900.000	8.05	159.30	159.30	8.05	159.30	6489.87	6489.87	6489.87	6489.87	0.00