

Projekti per Objektin / Design for the Object :

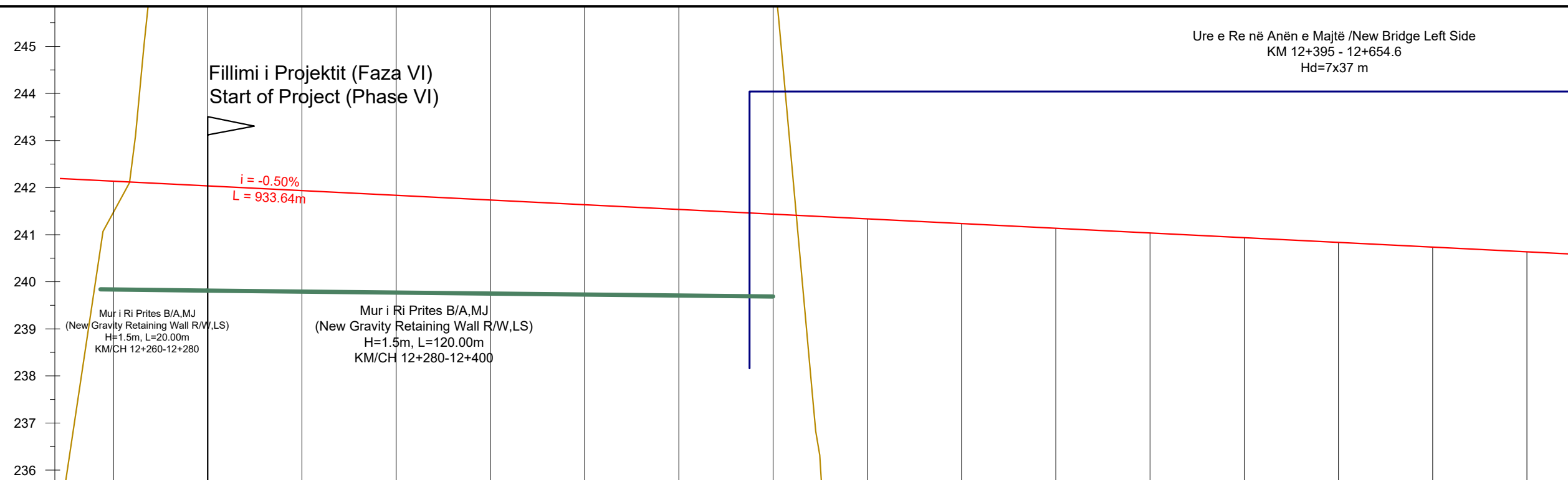
“Studim Projektim – Zgjerimi i segmentit rrugor dalje Elbasan-Prrenjas-Qafe Thane”, Faza VI / “Design Study of road segment exit Elbasan-Prrenjas-Qafe Thane” Phase VI

Projekt Zbatim / Detailed Design

“PROFILI GJATESOR ”

“LONGITUDINAL PROFILE ”

TIRANE 2023



NUMRI I SEKSIONIT / SECTION NUMBER	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
DISTANCA PJESORE / PARTIAL DISTANCE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
DISTANCA PROGRESIVE/PROGRESSIVE DISTANCE	12260.00	12280.00	12300.00	12320.00	12340.00	12360.00	12380.00	12400.00	12420.00	12440.00	12460.00	12480.00	12500.00	12520.00	12540.00	12560.00
KUOTA E PROJEKTIT / DESIGN ELEVATION	242.14	242.04	241.94	241.84	241.74	241.64	241.54	241.44	241.34	241.24	241.14	241.04	240.94	240.84	240.74	240.64
KUOTA E TOKES / GROUND ELEVATION	241.48	252.47	261.81	272.12	273.22	268.73	260.53	246.70	225.08	212.27	212.75	213.34	213.36	213.37	215.97	220.06
THELLESIA E GERMIMIT / EXCAVATION DEPTH		10.43	19.87	30.28	31.48	27.09	18.99	5.26								
LARTESIA E MBUSHJES / FILL HEIGHT	0.66								16.26	28.97	28.39	27.70	27.58	27.47	24.77	20.58
NIVELETA / CURVATURE											A = 225.00 Ls 101.25 RL 50625.00					
PJERRESIA E DISTANCA / SLOPE AND ELEVATION	i = -0.50% L = 933.63															
MBILARTESIM / SUPER ELEVATION																

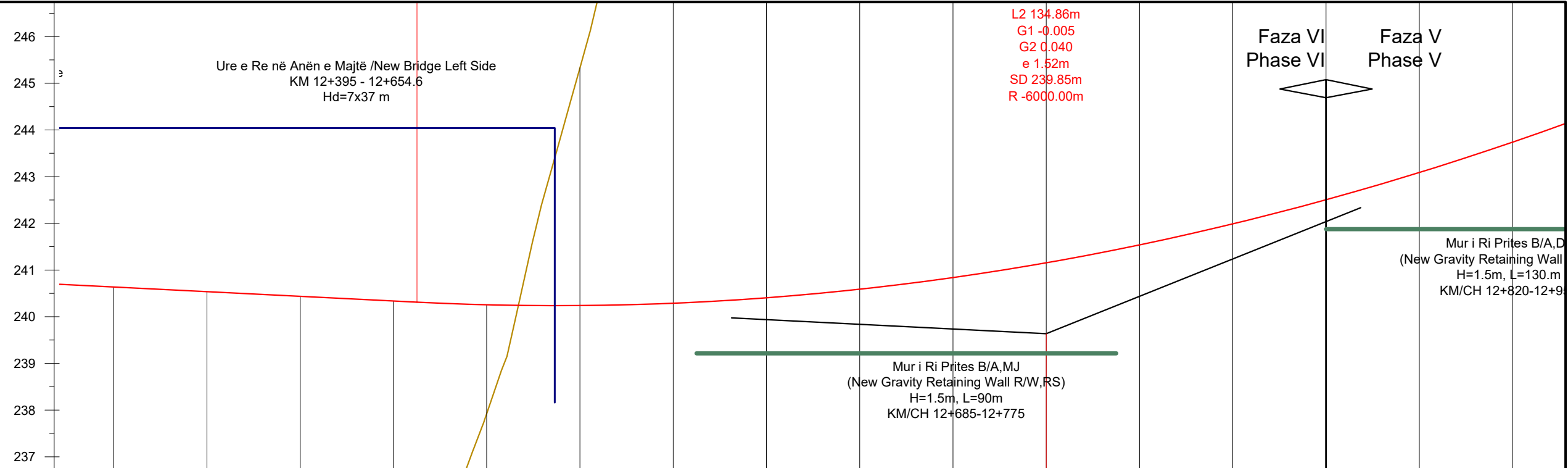
INVESTITORI / INVESTOR
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JV: "InfraKonsult" shpk & "HMK-Consulting" shpk

"Studim Projektim - Zgjerimi i segmentit rrugor dalje Elbasan-Prenjas-Qafe Thane", (Faza VI) / "Design Study of road segment exit Elbasan-Prenjas-Qafe Thane" (Phase VI)
Profili Gjatësor / Longitudinal Profile

FAZA - PROJEKT ZBATIM
PHASE - DETAIL DESIGN
 SHKALLA H=1:1000
 SCALE V=1:100
 Date: Tiranë 2023
 VIZATIMI Nr: D (1)
 PAGE No:

PROJEKTUES : DESIGN ENGINEERS:
 Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA



L2 134.86m
G1 -0.005
G2 0.040
e 1.52m
SD 239.85m
R -6000.00m

Faza VI
Phase VI

Faza V
Phase V

Mur i Ri Prites B/A,D
(New Gravity Retaining Wall
H=1.5m, L=130.m
KM/CH 12+820-12+950)

Mur i Ri Prites B/A,MJ
(New Gravity Retaining Wall R/W,RS)
H=1.5m, L=90m
KM/CH 12+685-12+775

NUMRI I SEKSIONIT / SECTION NUMBER	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94
DISTANCA PJESORE / PARTIAL DISTANCE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
DISTANCA PROGRESIVE/PROGRESSIVE DISTANCE	12560.00	12580.00	12600.00	12620.00	12640.00	12660.00	12680.00	12700.00	12720.00	12740.00	12760.00	12780.00	12800.00	12820.00	12840.00	12860.00
KUOTA E PROJEKTI / DESIGN ELEVATION	240.64	240.54	240.44	240.34	240.26	240.24	240.29	240.41	240.59	240.84	241.16	241.54	241.99	242.51	243.09	243.74
KUOTA E TOKES / GROUND ELEVATION	220.06	224.10	225.98	229.07	237.92	245.33	252.86	263.52	273.31	277.35	281.42	268.89	256.90	256.63	257.22	253.35
THELLESIA E GERMIMIT / EXCAVATION DEPTH						5.09	12.57	23.11	32.72	36.51	40.26	27.35	14.91	14.12	14.13	9.61
LARTESIA E MBUSHJES / FILL HEIGHT	20.58	16.44	14.46	11.27	2.34											
NIVELETA / CURVATURE				R = 500.00 Lc = 250.22									A = 225.00 Ls 101.25 RL 50625.00			
PJERRESIA E DISTANCA / SLOPE AND ELEVATION											239.64					
MBILARTESIM / SUPER ELEVATION											5.00%		2.50%			2.50%

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 konsultance inzhinierike

HMK-CONSULTING SH.P.K
 Konsultance-Projektim-Planifikim

JV: "InfraKonsult" shpk & "HMK-Consulting" shpk

"Studim Projektim - Zgjerimi i segmentit rrugor dalje Elbasan-Prenjas-Qafe Thane",
 (Faza VI) / "Design Study of road segment exit Elbasan-Prenjas-Qafe Thane" (Phase VI)

Profili Gjatësor / Longitudinal Profile

FAZA - PROJEKT ZBATIM
 PHASE - DETAIL DESIGN

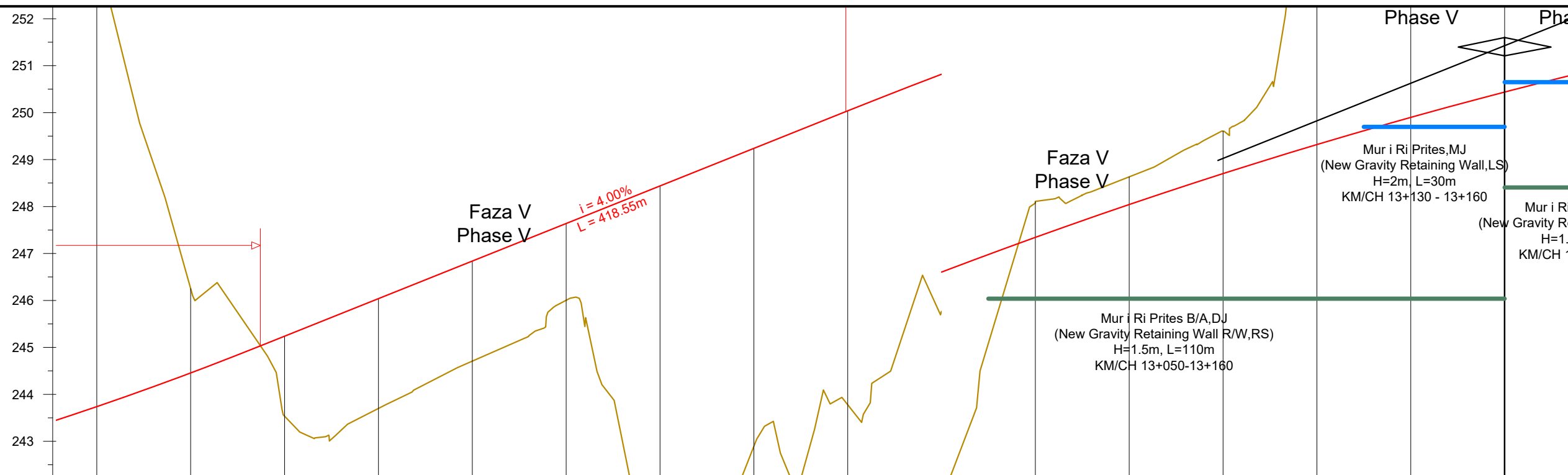
SHKALLA H=1:1000
 SCALE V=1:100

Date: Tiranë 2023

VIZATIMI Nr: D (2)
 PAGE No:

**PROJEKTUES :
 DESIGN ENGINEERS:**

Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA



NUMRI I SEKSIONIT / SECTION NUMBER	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
DISTANCA PJESORE / PARTIAL DISTANCE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
DISTANCA PROGRESIVE/PROGRESSIVE DISTANCE	12860.00	12880.00	12900.00	12920.00	12940.00	12960.00	12980.00	13000.00	13020.00	13040.00	13060.00	13080.00	13100.00	13120.00	13140.00	13160.00
KUOTA E PROJEKTTIT / DESIGN ELEVATION	243.74	244.46	245.24	246.04	246.84	247.64	248.44	249.24	250.04	250.82	251.56	252.25	252.91	253.53	254.11	254.65
KUOTA E TOKES / GROUND ELEVATION	253.35	246.25	243.53	243.70	244.71	246.00	240.48	242.89	243.78	245.78	252.32	252.85	253.82	262.10	278.74	283.75
THELLESIA E GERMIMIT / EXCAVATION DEPTH	9.61	1.79									0.76	0.60	0.91	8.57	24.63	29.10
LARTESIA E MBUSHJES / FILL HEIGHT			1.71	2.34	2.13	1.64	7.96	6.35	6.26	5.04						
NIVELETA / CURVATURE																
PJERRESIA E DISTANCA / SLOPE AND ELEVATION																
MBILARTESIM / SUPER ELEVATION																

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 Konsultance-Projektim-Planiqarje

JV: "InfraKonsult" shpk & "HMK-Consulting" shpk

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 (Faza VI) / "Design Study of road segment exit Elbasan-Prenjas-Qafe Thane" (Phase VI)

Profili Gjatësor / Longitudinal Profile

FAZA - PROJEKT ZBATIM
 PHASE - DETAIL DESIGN

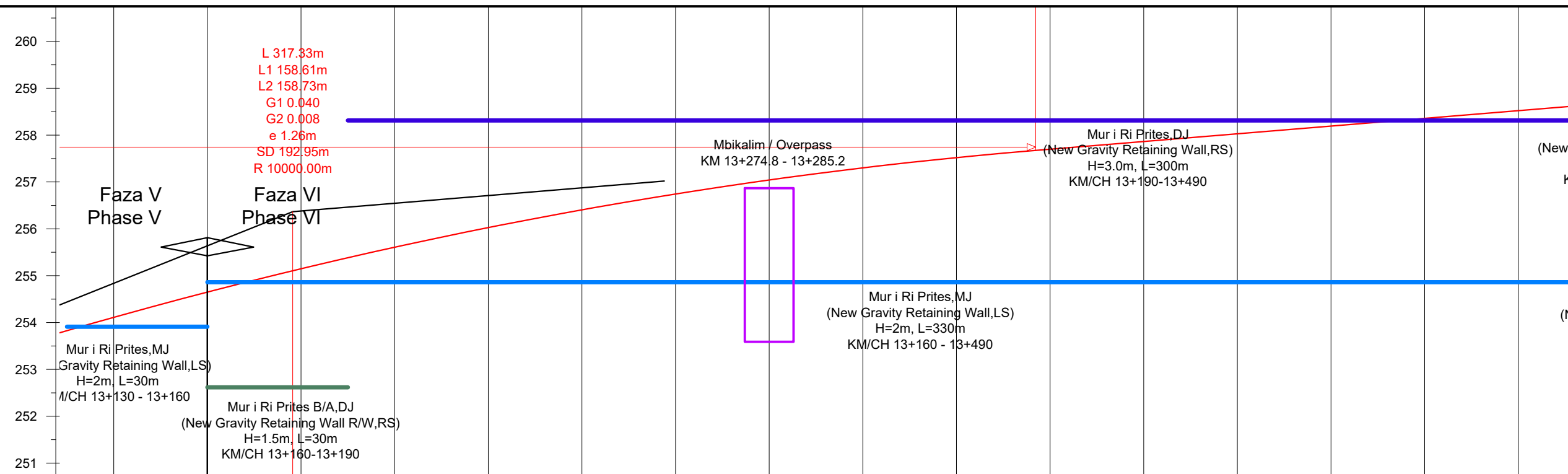
SHKALLA H=1:1000
 SCALE V=1:100

Date: Tiranë 2023

VIZATIMI Nr: D (3)
 PAGE No:

PROJEKTUES :
 DESIGN ENGINEERS:

Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA



NUMRI I SEKSIONIT / SECTION NUMBER	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123
DISTANCA PJESORE / PARTIAL DISTANCE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
DISTANCA PROGRESIVE/PROGRESSIVE DISTANCE	13140.00	13160.00	13180.00	13200.00	13220.00	13240.00	13260.00	13280.00	13300.00	13320.00	13340.00	13360.00	13380.00	13400.00	13420.00	13440.00
KUOTA E PROJEKTIT / DESIGN ELEVATION	254.11	254.65	255.15	255.61	256.03	256.41	256.74	257.04	257.30	257.52	257.70	257.86	258.03	258.19	258.36	258.52
KUOTA E TOKES / GROUND ELEVATION	278.74	283.75	277.51	272.97	269.78	267.11	265.75	265.37	265.53	266.28	267.01	267.91	269.06	270.16	271.34	272.63
THELLESIA E GERMIMIT / EXCAVATION DEPTH	24.63	29.10	22.36	17.36	13.75	10.70	9.01	8.33	8.23	8.76	9.31	10.05	11.03	11.97	12.98	14.11
LARTESIA E MBUSHJES / FILL HEIGHT																
NIVELETA / CURVATURE																
PJERRESIA E DISTANCA / SLOPE AND ELEVATION			256.37													
MBILARTESIM / SUPER ELEVATION																

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"Studim Projektim - Zgjerimi i segmentit rrugor dalje Elbasan-Prenjas-Qafe Thane",
 (Faza VI) / "Design Study of road segment exit Elbasan-Prenjas-Qafe Thane" (Phase VI)

Profili Gjatësor / Longitudinal Profile

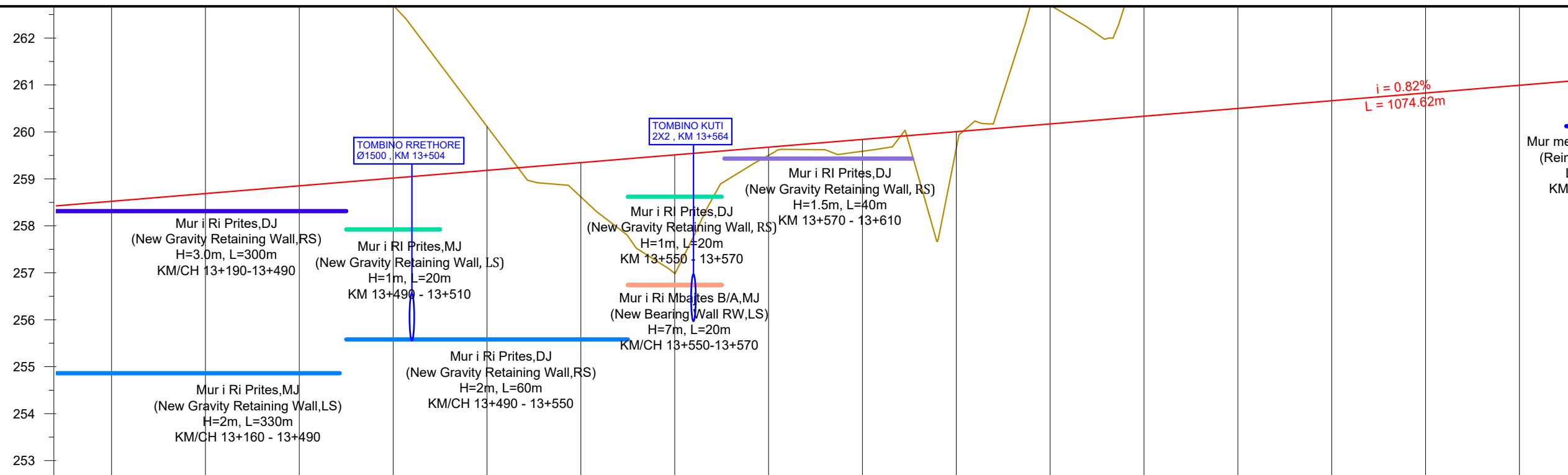
FAZA - PROJEKT ZBATIM
 PHASE - DETAIL DESIGN

SHKALLA H=1:1000
 SCALE V=1:100 Date: Tiranë 2023

VIZATIMI Nr: D (4)
 PAGE No:

PROJEKTUES : DESIGN ENGINEERS:

Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA



NUMRI I SEKSIONIT / SECTION NUMBER	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138
DISTANCA PJESORE / PARTIAL DISTANCE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
DISTANCA PROGRESIVE/PROGRESSIVE DISTANCE	13440.00	13460.00	13480.00	13500.00	13520.00	13540.00	13560.00	13580.00	13600.00	13620.00	13640.00	13660.00	13680.00	13700.00	13720.00	13740.00
KUOTA E PROJEKTIT / DESIGN ELEVATION	258.52	258.69	258.85	259.02	259.18	259.35	259.51	259.68	259.84	260.01	260.17	260.33	260.50	260.66	260.83	260.99
KUOTA E TOKES / GROUND ELEVATION	272.63	273.29	271.46	262.70	260.11	258.62	256.99	259.50	259.59	259.65	262.70	263.95	264.78	275.57	277.10	270.88
THELLESIA E GERMIMIT / EXCAVATION DEPTH	14.11	14.60	12.61	3.68	0.93						2.53	3.62	4.28	14.91	16.27	9.89
LARTESIA E MBUSHJES / FILL HEIGHT						0.73	2.52	0.18	0.25	0.36						
NIVELETA / CURVATURE																
PJERRESIA E DISTANCA / SLOPE AND ELEVATION																
MBILARTESIM / SUPER ELEVATION																

A = 300.00
 Ls 100.00
 RL 90000.00

i = 0.82%
 L = 1074.58

2.50% 2.50% 3.40%

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JV: "InfraKonsult" shpk & "HMK-Consulting" shpk

"Studim Projektim - Zgjermi i segmentit rrugor dalje Elbasan-Prrrenjas-Qafe Thane",
 (Faza VI) / "Design Study of road segment exit Elbasan-Prrrenjas-Qafe Thane" (Phase VI)

Profili Gjatësor / Longitudinal Profile

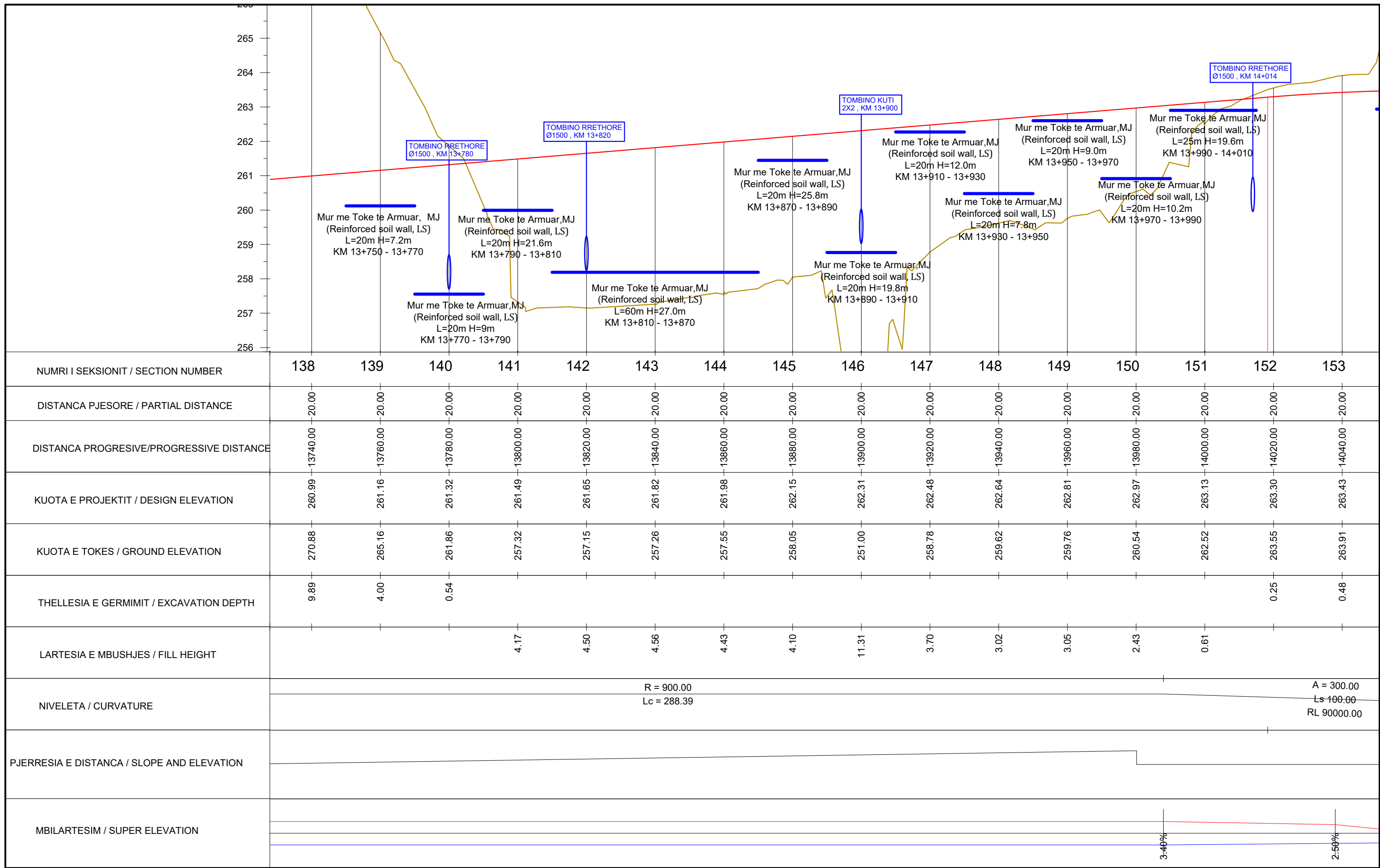
FAZA - PROJEKT ZBATIM
 PHASE - DETAIL DESIGN

SHKALLA H=1:1000
 SCALE V=1:100 Date: Tiranë 2023

VIZATIMI Nr: D (5)
 PAGE No:

PROJEKTUES : DESIGN ENGINEERS:

Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA



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JV: "InfraKonsult" shpk & "HMK-Consulting" shpk



"Studim Projektim - Zgjerimi i segmentit rrugor
 dalje Elbasan-Prenjas-Qafe Thane",
 (Faza VI) / "Design Study of road segment exit
 Elbasan-Prenjas-Qafe Thane" (Phase VI)

**Profili Gjatësor /
 Longitudinal Profile**

**FAZA - PROJEKT ZBATIM
 PHASE - DETAIL DESIGN**

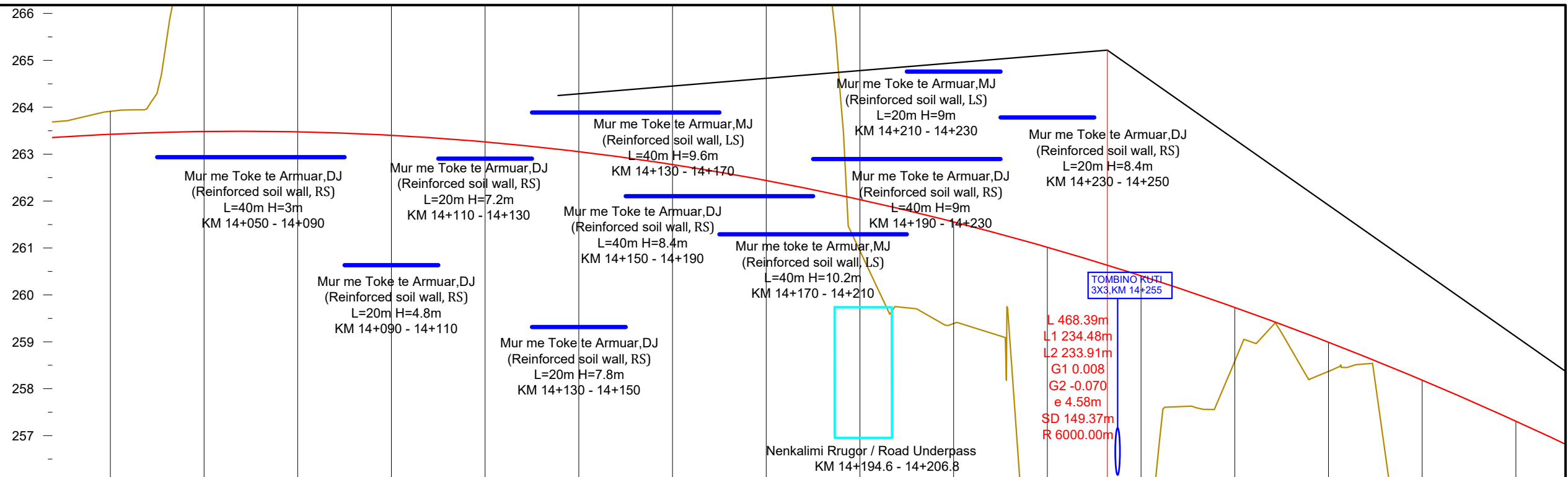
**SHKALLA H=1:1000
 SCALE V=1:100**

Date: Tiranë 2023

**VIZATIMI Nr:
 PAGE No: D (6)**

**PROJEKTUES :
 DESIGN ENGINEERS:**

Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA



NUMRI I SEKSIONIT / SECTION NUMBER	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168
DISTANCA PJESORE / PARTIAL DISTANCE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
DISTANCA PROGRESIVE/PROGRESSIVE DISTANCE	14040.00	14060.00	14080.00	14100.00	14120.00	14140.00	14160.00	14180.00	14200.00	14220.00	14240.00	14260.00	14280.00	14300.00	14320.00	14340.00
KUOTA E PROJEKTIT / DESIGN ELEVATION	263.43	263.48	263.48	263.40	263.26	263.05	262.78	262.44	262.03	261.56	261.02	260.41	259.73	258.99	258.18	257.31
KUOTA E TOKES / GROUND ELEVATION	263.91	268.32	274.37	280.34	286.27	287.46	281.46	274.22	260.94	259.39	249.81	253.66	258.59	258.37	254.73	254.95
THELLESIA E GERMIMIT / EXCAVATION DEPTH	0.48	4.84	10.89	16.94	23.01	24.41	18.68	11.78								
LARTESIA E MBUSHJES / FILL HEIGHT									1.09	2.17	11.21	6.75	1.14	0.62	3.45	2.36
NIVELETA / CURVATURE	A = 300.00 Ls 100.00 RL 90000.00 L 217.65															
PJERRRESIA E DISTANCA / SLOPE AND ELEVATION																
MBILARTESIM / SUPER ELEVATION																

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Profili Gjatësor / Longitudinal Profile

FAZA - PROJEKT ZBATIM
PHASE - DETAIL DESIGN

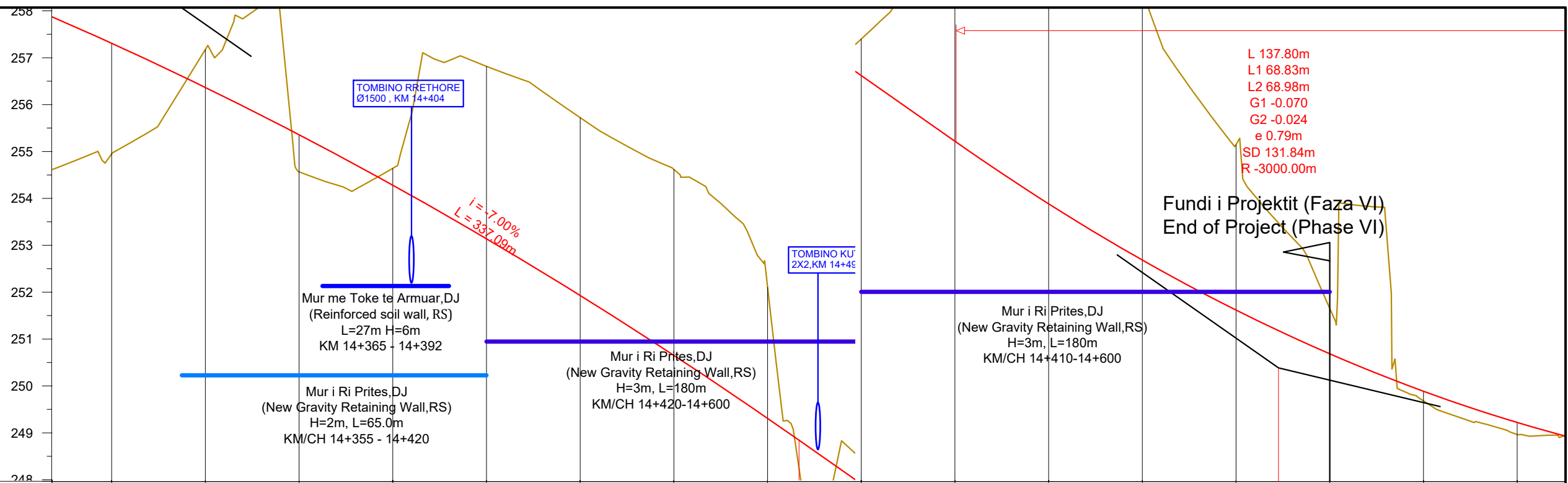
SHKALLA H=1:1000
SCALE V=1:100

Date: Tiranë 2023

VIZATIMI Nr: D (7)
PAGE No:

PROJEKTUES :
DESIGN ENGINEERS:

Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA



NUMRI I SEKSIONIT / SECTION NUMBER	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183
DISTANCA PJESORE / PARTIAL DISTANCE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
DISTANCA PROGRESIVE/PROGRESSIVE DISTANCE	14340.00	14360.00	14380.00	14400.00	14420.00	14440.00	14460.00	14480.00	14500.00	14520.00	14540.00	14560.00	14580.00	14600.00	14620.00	14640.00
KUOTA E PROJEKTIT / DESIGN ELEVATION	257.31	256.37	255.36	254.28	253.14	251.93	250.65	249.31	247.91	246.51	245.18	243.98	242.91	241.98	241.18	240.52
KUOTA E TOKES / GROUND ELEVATION	254.95	257.18	254.57	254.64	256.82	255.72	254.62	252.10	248.69	251.13	250.21	249.76	246.44	242.95	240.97	240.26
THELLESIA E GERMIMIT / EXCAVATION DEPTH		0.81		0.36	3.68	3.79	3.97	2.79	0.78	4.62	5.03	5.78	3.53	0.97		
LARTESIA E MBUSHJES / FILL HEIGHT	2.36		0.79												0.21	0.26
NIVELETA / CURVATURE	A = 210.00 Ls 126.00 RL 44100.00					R = 350.00 Lc = 127.88					A = 210.00 Ls 126.00 RL 44100.00					
PJERRESIA E DISTANCA / SLOPE AND ELEVATION																
MBILARTESIM / SUPER ELEVATION																

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Profili Gjatësor / Longitudinal Profile

FAZA - PROJEKT ZBATIM
 PHASE - DETAIL DESIGN

SHKALLA H=1:1000
 SCALE V=1:100

Date: Tiranë 2023

VIZATIMI Nr: D (8)
 PAGE No:

**PROJEKTUES :
 DESIGN ENGINEERS:**

Ing./Eng. Sokol METOJA
 Ing./Eng. Redi STRUGA
 Ing./Eng. Orgest MERTIKA