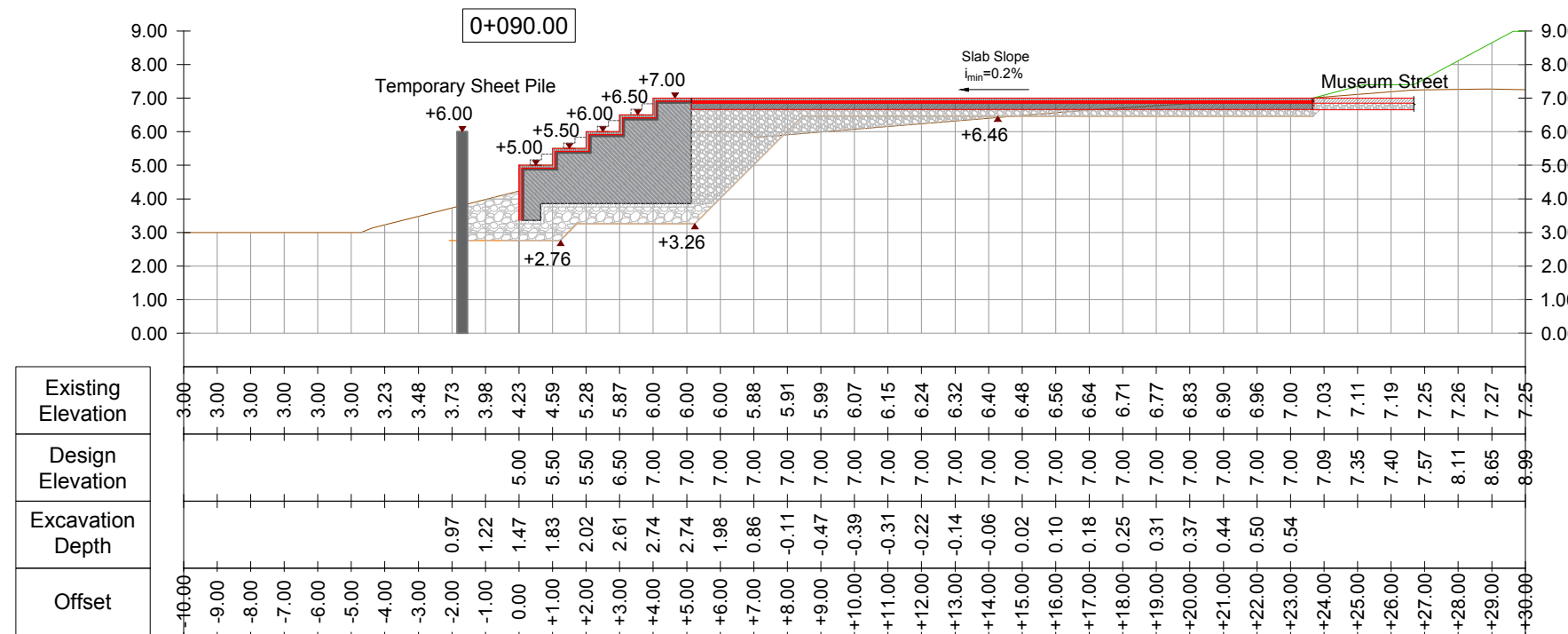
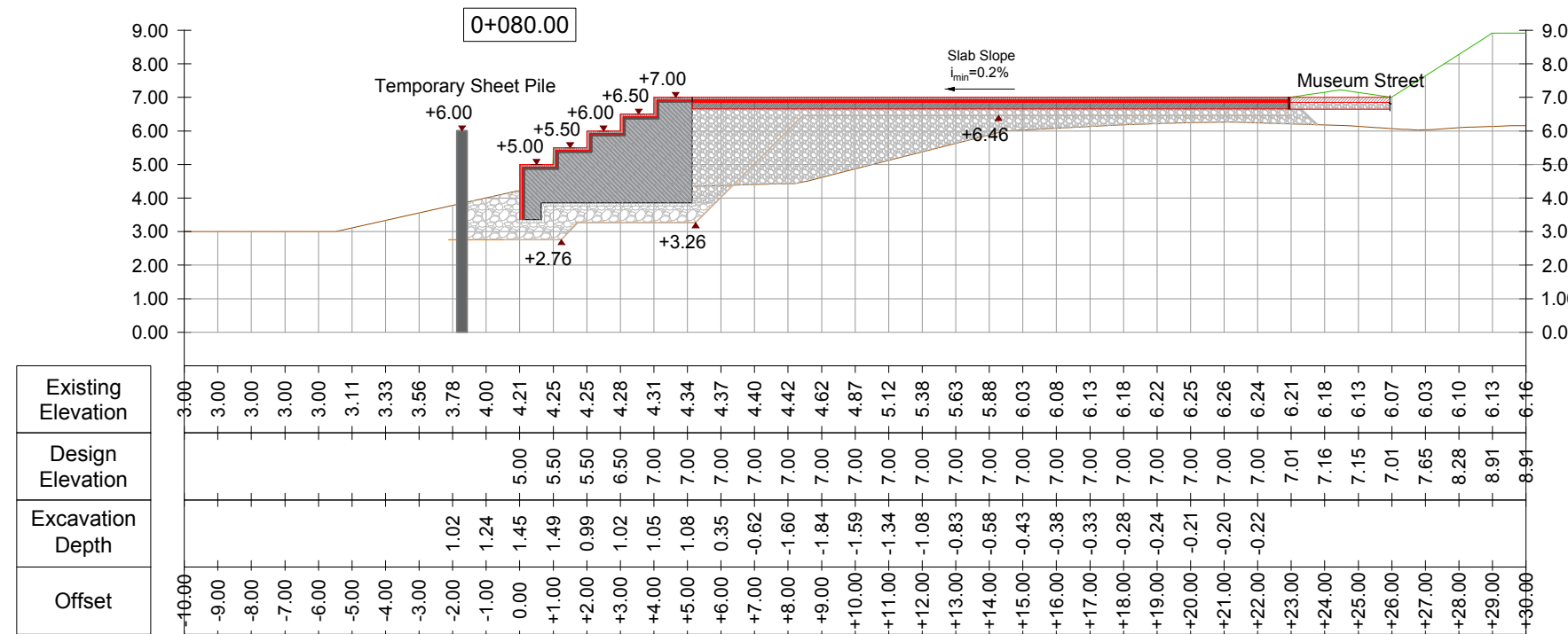
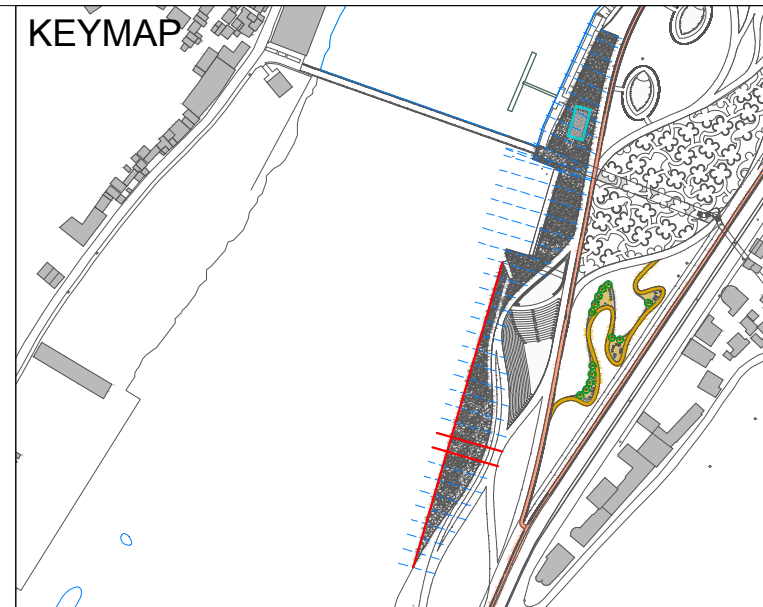


## CROSS SECTIONS SCALE H 1:200 V 1:200



PROGRESSIVE VOLUMES TABLE									
CIVIL WORKS	Excavation	Gravel Fill	Crushed Stone Fill	Granite	Mortar	Concrete C 35 / 45 - Blocks	Concrete C 35 / 45 - Slab	Sheetpile	Lean Concrete
UNIT	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>
ST : 0+080	114.10	210.05	60.80	263.88	15.83	102.50	36.92	60.00	5.84
ST : 0+090	125.40	156.35	51.45	265.58	15.93	102.50	36.24	60.00	5.84



### LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Crushed Stone Fill
	Gravel Fill
	Sheet Piling (See Detail and Longitudinal Profile)
	Reinforced Concrete
	Lean Concrete
	Granite Surface
	Concrete Slab or Surface
	Mortar Bed
	Project Area Proposed New Ground (After Leveling)
	Existing Ground Level
	Proposed Excavation Line
	Dilatation Joint (See DD-A17)

**NOTES :**

- All coordinates are in UTM WGS84 34N
- All dimensions are in meters, otherwise there will be a note.

Beware : Project line at 5.0 to 9.0 represents the surface of granite layer  
 Fine picked granite cobblestone black and white 8cm  
 Mortar joint 1cm  
 Mortar Bed 5cm  
 Stair Block Type 2 C25/30

**CLIENT:**  
 ALBANIAN DEVELOPMENT FUND  
 Contact person: Erni Dautaj (Menaxhere Kontrates)  
 Pr. "Sami Frasheri", Nr. 10, Tirana, Albania  
 Phone / Fax: 00355 4 234 885  
 E-mail: edautaj@albanianfund.org

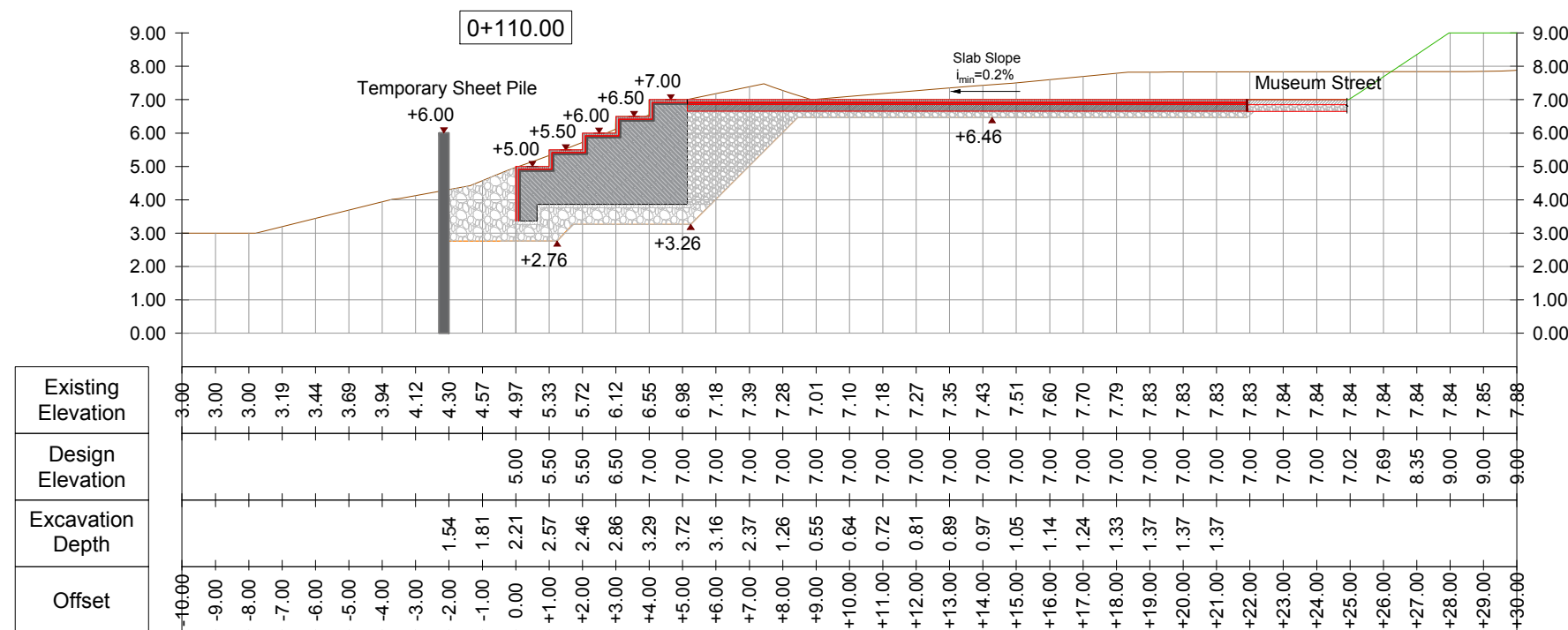
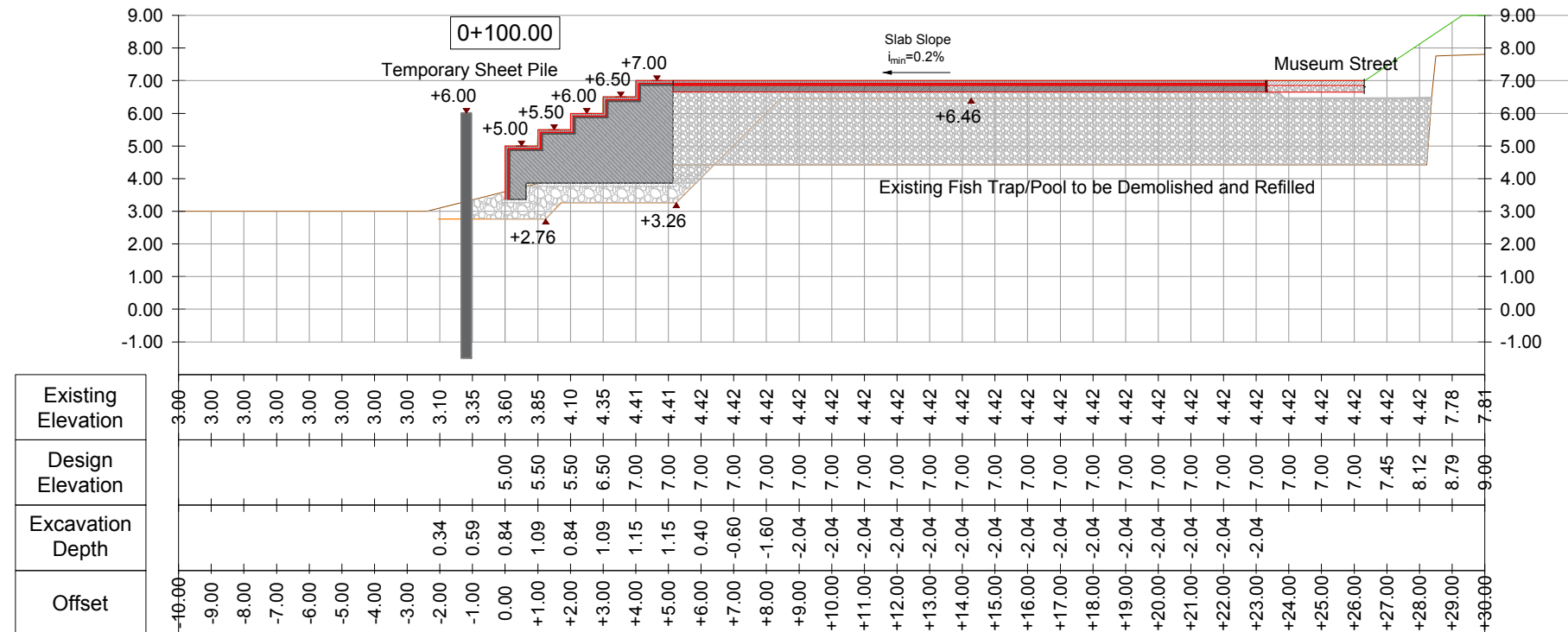
**CASANOVA+HERNANDEZ ARCHITECTS**  
 NIPT L82016014E  
 Contact person: Mr. Jesus Hernandez  
 Ibrahim Rugova, Pallati Klensi, Shkalla 4, Kati 1, Ap. 2, Yzberisht, Tiranë 1051, Albania  
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**SRP Albanian Engineering s.h.p.k.**  
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 Mobile: +355 68 2020 335  
 E-mail: blerim.kurti@srp-consult.de

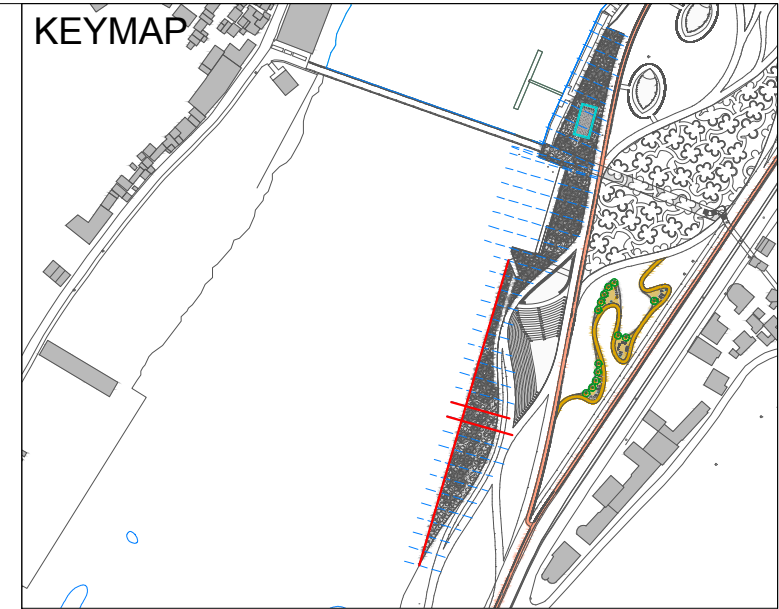
**SRP Schneider & Partner, Ingenieur-Consult GmbH**  
 Augustaanlage 50, D-68165 Mannheim, Germany  
 Handelsregister-Nr.: HRB 2082 Coburg  
 Contact person: Frank Ehrlicher, Director International Division SRP  
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 E-mail: frank.ehrlicher@srp-consult.de

DD-C-CS-S-05		Stair Cross Sections - Stations 0+080-0+090	
Drawing number	Description		
Detailed Design	420 x 297 mm	1:200	31-08-2022
Phase	Format	Scale	Date
L077	Master Plan of Interventions at the Entrance of Shkodra		
Project number	Project name		
casanova+hernandez architects		Lombardstraße 24A 30115 AH Rotterdam T +31 (0)10 240 9333 F +31 (0)10 240 9229 contact@casanova-hernandez.com	
SRP Schneider & Partner, Ingenieur-Consult GmbH			
SRP Albanian Engineering sh.p.k			

## CROSS SECTIONS SCALE H 1:200 V 1:200



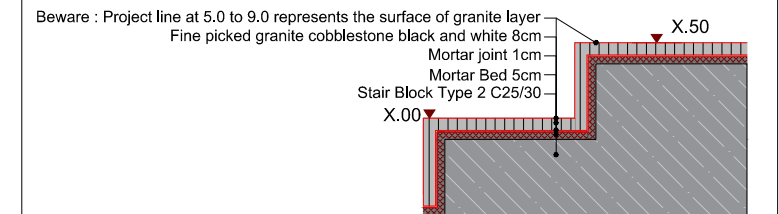
PROGRESSIVE VOLUMES TABLE									
CIVIL WORKS	Excavation	Gravel Fill	Crushed Stone Fill	Granite	Mortar	Concrete C 35 / 45 - Blocks	Concrete C 35 / 45 - Slab	Sheetpile	Lean Concrete
UNIT	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>
ST : 0+100	113.00	310.25	45.15	256.74	15.40	102.50	37.12	75.00	5.84
ST : 0+110	238.50	299.85	53.60	237.76	14.27	102.50	35.36	60.00	5.84



### LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Crushed Stone Fill
	Gravel Fill
	Sheet Piling (See Detail and Longitudinal Profile)
	Reinforced Concrete
	Lean Concrete
	Granite Surface
	Concrete Slab or Surface
	Mortar Bed
	Project Area Proposed New Ground (After Leveling)
	Existing Ground Level
	Proposed Excavation Line
	Dilatation Joint (See DD-A17)

- NOTES :
- All coordinates are in UTM WGS84 34N
  - All dimensions are in meters, otherwise there will be a note.



CLIENT:  
ALBANIAN DEVELOPMENT FUND  
Contact person: Erni Dautaj (Menaxhere Kontrates)  
Pr. "Sami Frasher", Nr. 10, Tirana, Albania  
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E-mail: edautaj@albandf.org

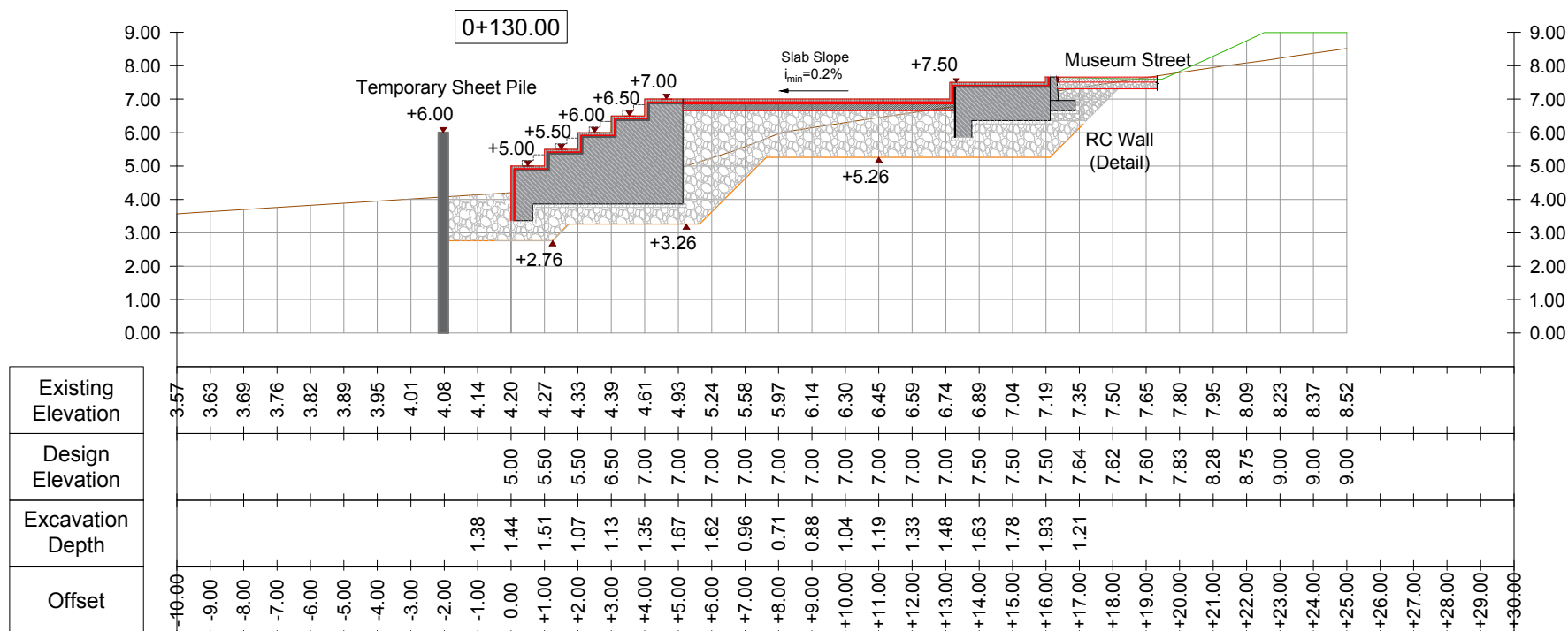
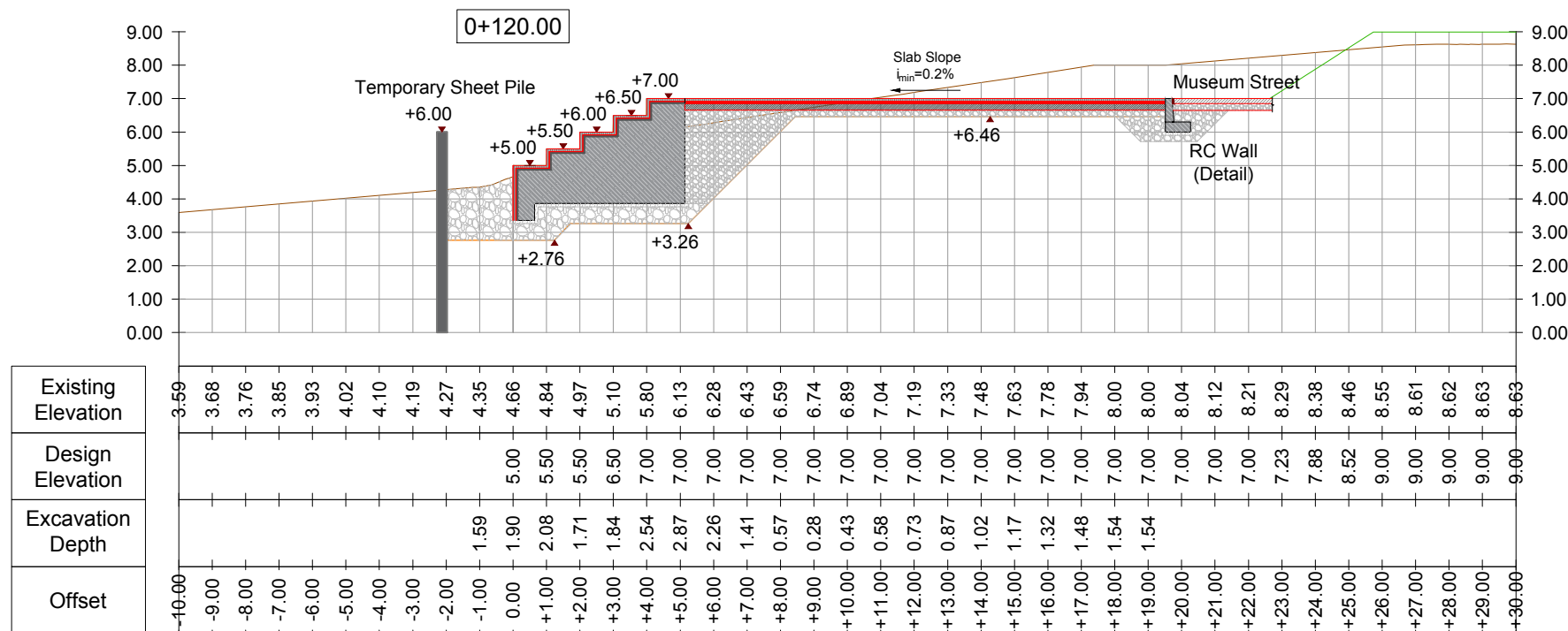
CASANOVA+HERNANDEZ ARCHITECTS  
NIPT L82016014E  
Contact person: Mr. Jesus Hernandez  
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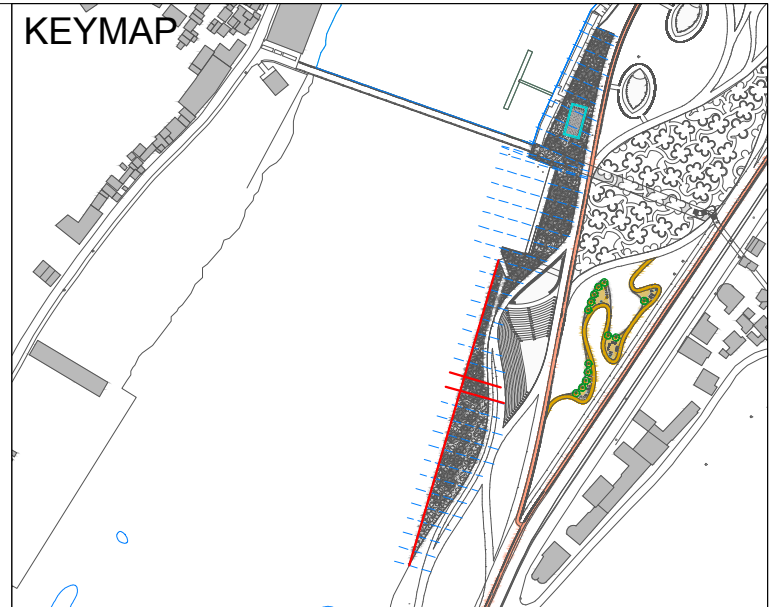
SRP Schneider & Partner, Ingenieur-Consult GmbH  
Augustaanlage 50, D-68165 Mannheim, Germany  
Handelsregister-Nr.: HRB 2082 Coburg  
Contact person: Frank Ehrlicher, Director International Division SRP  
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DD-C-CS-S-06 Stair Cross Sections - Stations 0+100-0+110			
Drawing number	Description		
Detailed Design	420 x 297 mm	1:200	31-08-2022
Phase	Format	Scale	Date
L077	Master Plan of Interventions at the Entrance of Shkodra		
Project number	Project name		
casanova+hernandez architects	casanova+hernandez architects		
SRP Schneider & Partner, Ingenieur-Consult GmbH	SRP Schneider & Partner, Ingenieur-Consult GmbH		
SRP Albanian Engineering sh.p.k.	SRP Albanian Engineering sh.p.k.		

## CROSS SECTIONS SCALE H 1:200 V 1:200



PROGRESSIVE VOLUMES TABLE									
CIVIL WORKS	Excavation	Gravel Fill	Crushed Stone Fill	Granite	Mortar	Concrete C 35 / 45 - Blocks	Concrete C 35 / 45 - Slab	Sheetpile	Lean Concrete
UNIT	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>
ST : 0+120	367.35	83.15	66.10	213.30	12.80	112.92	31.56	60.00	5.84
ST : 0+130	296.85	63.90	147.00	188.14	11.29	147.55	23.92	60.00	7.62



### LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Crushed Stone Fill
	Gravel Fill
	Sheet Piling (See Detail and Longitudinal Profile)
	Reinforced Concrete
	Lean Concrete
	Granite Surface
	Concrete Slab or Surface
	Mortar Bed
	Project Area Proposed New Ground (After Leveling)
	Existing Ground Level
	Proposed Excavation Line
	Dilatation Joint (See DD-A17)

**NOTES :**

- All coordinates are in UTM WGS84 34N
- All dimensions are in meters, otherwise there will be a note.

Beware : Project line at 5.0 to 9.0 represents the surface of granite layer  
 Fine picked granite cobblestone black and white 8cm  
 Mortar joint 1cm  
 Mortar Bed 5cm  
 Stair Block Type 2 C25/30

**CLIENT:**  
 ALBANIAN DEVELOPMENT FUND  
 Contact person: Erni Dautaj (Menaxhere Kontrates)  
 Pr: "Sami Frasher", Nr. 10, Tirana, Albania  
 Phone / Fax: 00355 4 234 885  
 E-mail: edautaj@albanianfund.org

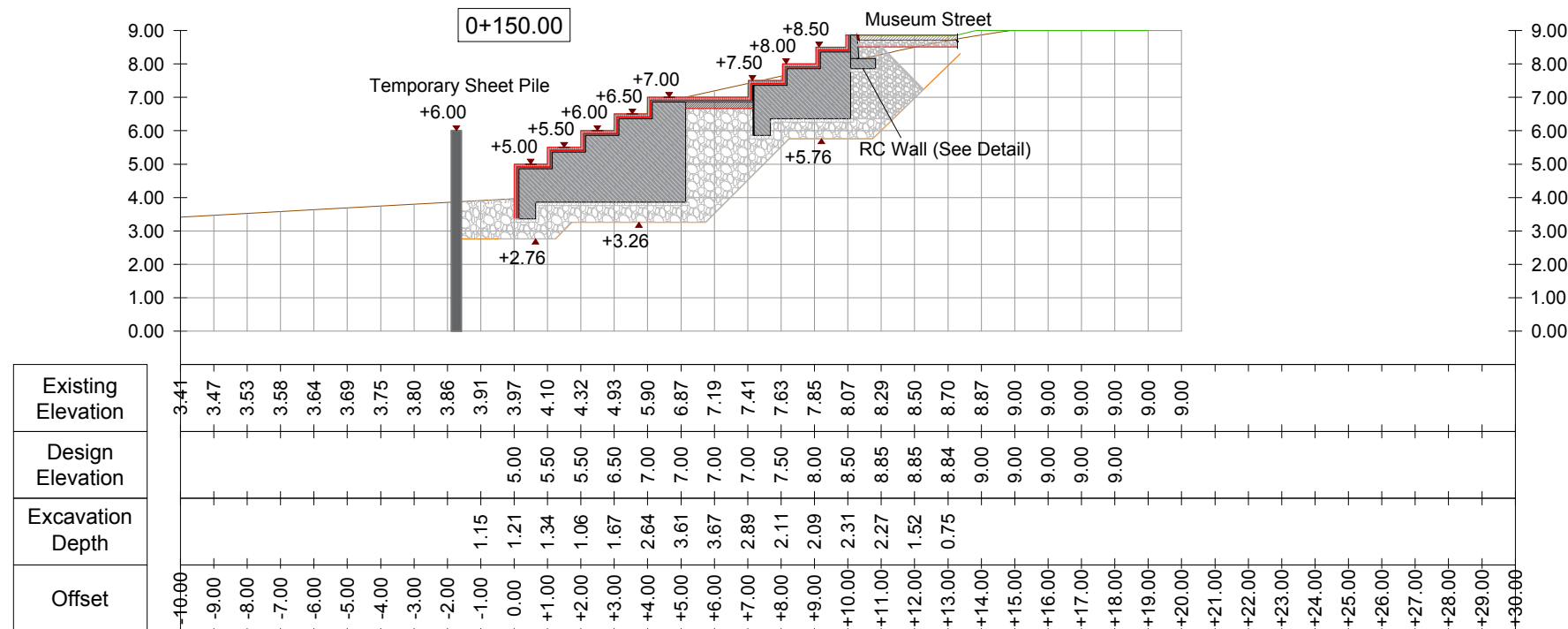
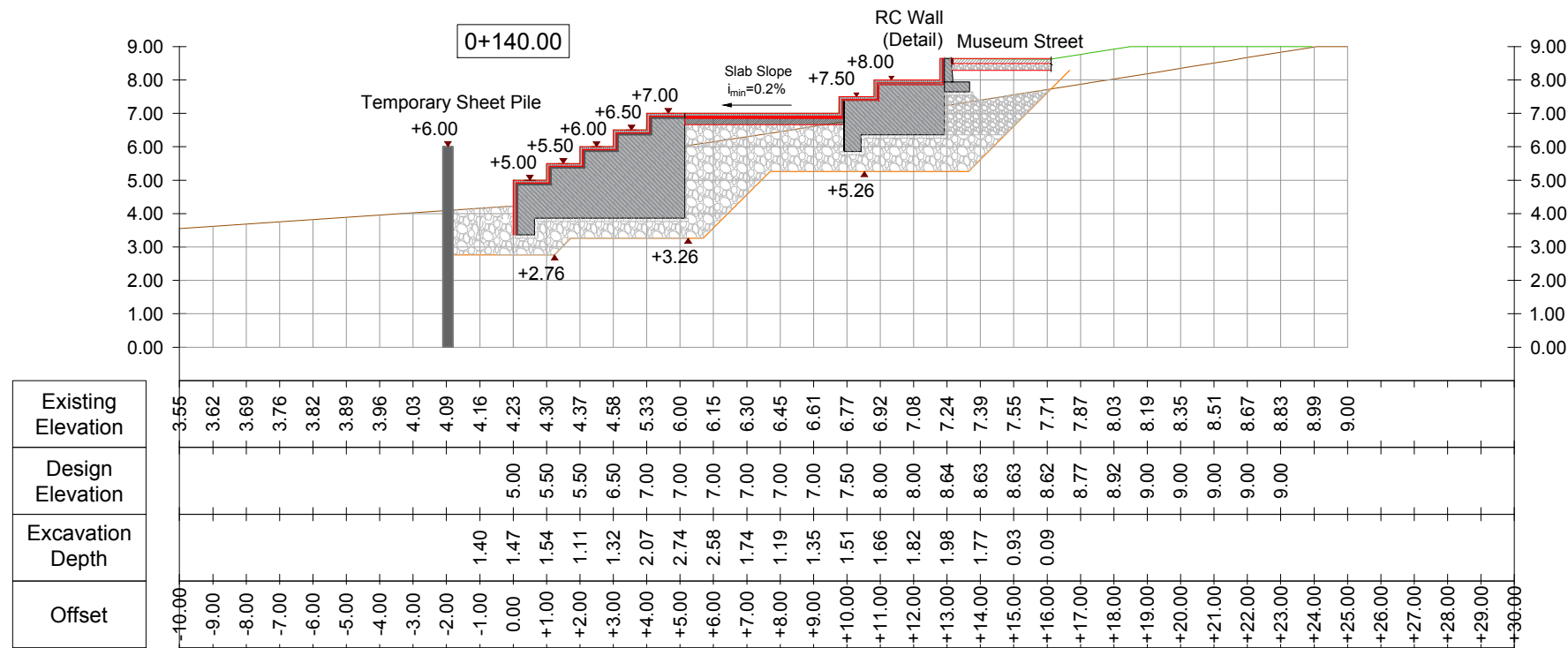
**CASANOVA+HERNANDEZ ARCHITECTS**  
 NIPT L82016014E  
 Contact person: Mr. Jesus Hernandez  
 Ibrahim Rugova, Pallati Klensi, Shkalla 4, Kati 1, Ap. 2, Yzberisht, Tiranë 1051, Albania  
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 E-mail: blerim.kurti@srp-consult.de

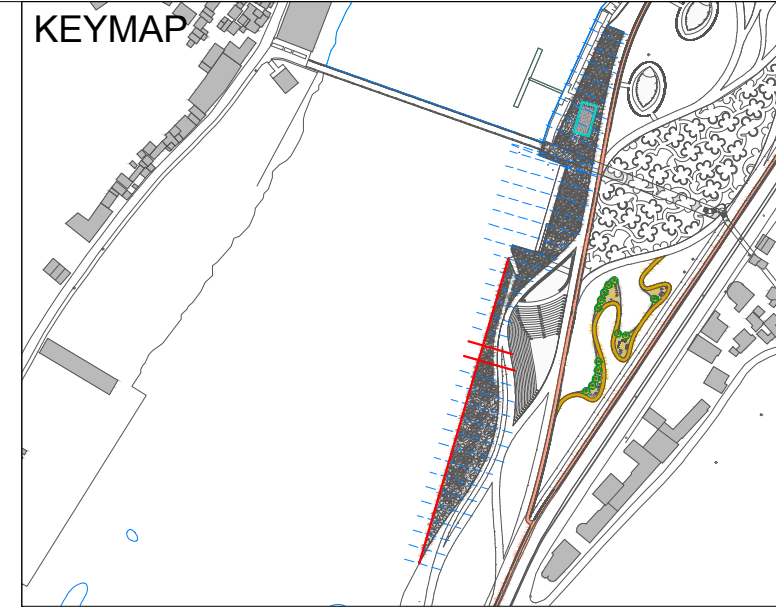
**SRP Schneider & Partner, Ingenieur-Consult GmbH**  
 Augustaanlage 50, D-68165 Mannheim, Germany  
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 Contact person: Frank Ehrlicher, Director International Division SRP  
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 E-mail: frank.ehrlicher@srp-consult.de

DD-C-CS-S-07		Stair Cross Sections - Stations 0+120-0+130	
Drawing number	Description		
Detailed Design	420 x 297 mm	1:200	31-08-2022
Phase	Format	Scale	Date
L077	Master Plan of Interventions at the Entrance of Shkodra		
Project number	Project name		
casanova+hernandez architects			
SRP Schneider & Partner, Ingenieur-Consult GmbH			
SRP Albanian Engineering sh.p.k.			

## CROSS SECTIONS SCALE H 1:200 V 1:200



PROGRESSIVE VOLUMES TABLE									
CIVIL WORKS	Excavation	Gravel Fill	Crushed Stone Fill	Granite	Mortar	Concrete C 35 / 45 - Blocks	Concrete C 35 / 45 - Slab	Sheetpile	Lean Concrete
UNIT	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>
ST : 0+140	289.00	60.10	211.50	169.60	10.18	154.21	12.88	60.00	9.54
ST : 0+150	310.00	61.10	161.60	147.06	8.82	151.25	6.44	60.00	9.62



### LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Crushed Stone Fill
	Gravel Fill
	Sheet Piling (See Detail and Longitudinal Profile)
	Reinforced Concrete
	Lean Concrete
	Granite Surface
	Concrete Slab or Surface
	Mortar Bed
	Project Area Proposed New Ground (After Leveling)
	Existing Ground Level
	Proposed Excavation Line
	Dilatation Joint (See DD-A17)

NOTES :

- All coordinates are in UTM WGS84 34N
- All dimensions are in meters, otherwise there will be a note.

Beware : Project line at 5.0 to 9.0 represents the surface of granite layer  
 Fine picked granite cobblestone black and white 8cm  
 Mortar joint 1cm  
 Mortar Bed 5cm  
 Stair Block Type 2 C25/30

CLIENT:  
 ALBANIAN DEVELOPMENT FUND  
 Contact person: Erni Dautaj (Menaxhere Kontrates)  
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 Phone / Fax: 00355 4 234 885  
 E-mail: edautaj@albanianfund.org

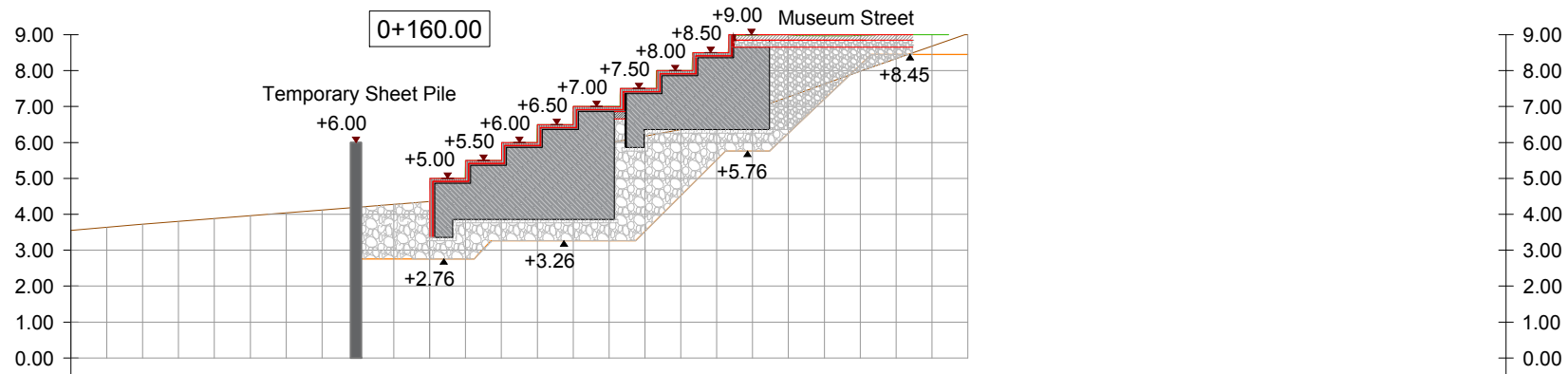
CASANOVA+HERNANDEZ ARCHITECTS  
 NIPT L82016014E  
 Contact person: Mr. Jesus Hernandez  
 Ibrahim Prugova, Pallati Klensi, Shkalla 4, Kati 1, Ap. 2, Yzberisht, Tiranë 1051, Albania  
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 E-mail: blerim.kurti@srp-consult.de

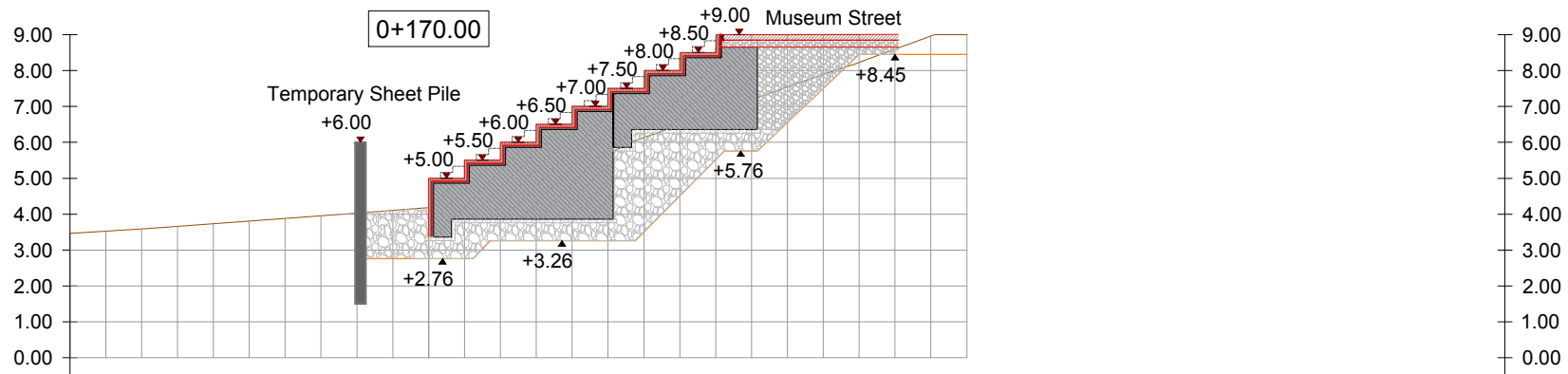
SRP Schneider & Partner, Ingenieur-Consult GmbH  
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 Contact person: Frank Ehrlicher, Director International Division SRP  
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 E-mail: frank.ehrlicher@srp-consult.de

DD-C-CS-S-08 Stair Cross Sections - Stations 0+140-0+150			
Drawing number	Description		
Detailed Design	420 x 297 mm	1:200	31-08-2022
Phase	Format	Scale	Date
L077	Master Plan of Interventions at the Entrance of Shkodra		
Project number	Project name		
casanova+hernandez architects			
SRP Schneider & Partner, Ingenieur-Consult GmbH			
SRP Albanian Engineering sh.p.k.			

## CROSS SECTIONS SCALE H 1:200 V 1:200



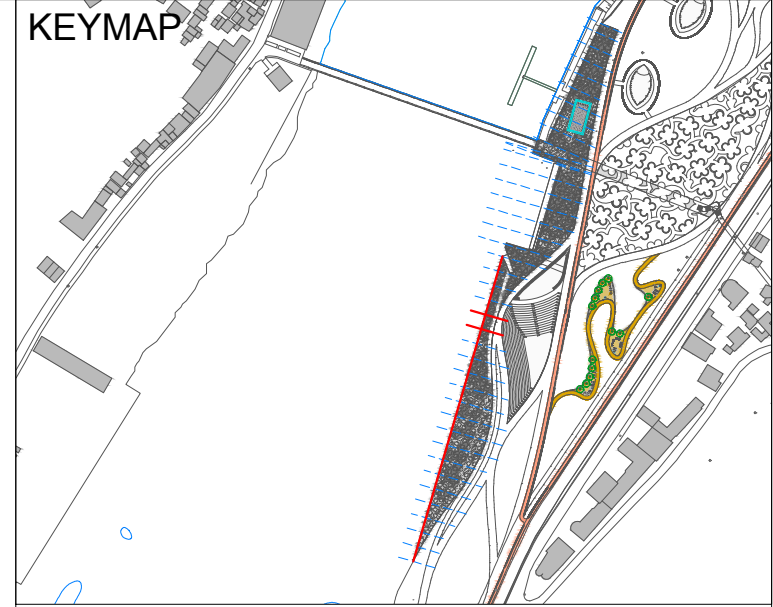
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Design Elevation											5.00	5.50	5.50	6.50	7.00	7.00	7.50	8.00	8.50	8.98	8.99	8.97	8.98	9.00	9.00																
Excavation Depth										1.52	1.60	1.85	2.02	2.28	2.51	2.74	2.65	1.84	1.11	1.16	1.01	0.42	-0.18	-0.12	0.23	0.55															
Offset	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	+1.00	+2.00	+3.00	+4.00	+5.00	+6.00	+7.00	+8.00	+9.00	+10.00	+11.00	+12.00	+13.00	+14.00	+15.00	+16.00	+17.00	+18.00	+19.00	+20.00	+21.00	+22.00	+23.00	+24.00	+25.00	+26.00	+27.00	+28.00	+29.00	+30.00



Existing Elevation	3.46	3.53	3.59	3.66	3.74	3.81	3.88	3.96	4.03	4.11	4.19	4.26	4.34	4.44	5.13	5.67	6.13	6.49	6.83	7.18	7.55	7.89	8.23	8.60	8.96	9.00															
Design Elevation											5.00	5.50	5.50	6.50	7.00	7.50	7.87	8.39	8.65	9.00	9.00	9.00	9.00	9.00	9.00																
Excavation Depth										1.35	1.43	1.50	1.08	1.18	1.87	2.41	2.63	1.98	1.31	1.42	0.99	0.38	-0.22	0.15	0.51	0.55															
Offset	-10.00	-9.00	-8.00	-7.00	-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	+1.00	+2.00	+3.00	+4.00	+5.00	+6.00	+7.00	+8.00	+9.00	+10.00	+11.00	+12.00	+13.00	+14.00	+15.00	+16.00	+17.00	+18.00	+19.00	+20.00	+21.00	+22.00	+23.00	+24.00	+25.00	+26.00	+27.00	+28.00	+29.00	+30.00

### PROGRESSIVE VOLUMES TABLE

CIVIL WORKS	Excavation	Gravel Fill	Crushed Stone Fill	Granite	Mortar	Concrete C 35 / 45 - Blocks	Concrete C 35 / 45 - Slab	Sheetpile	Lean Concrete
UNIT	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>
ST : 0+160	271.50	49.00	128.60	125.64	7.54	150.00	1.52	60.00	10.06
ST : 0+170	223.00	47.40	122.10	127.72	7.66	150.00	0.00	60.00	10.51



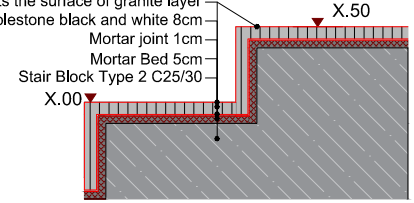
## LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Crushed Stone Fill
	Gravel Fill
	Sheet Piling (See Detail and Longitudinal Profile)
	Reinforced Concrete
	Lean Concrete
	Granite Surface
	Concrete Slab or Surface
	Mortar Bed
	Project Area Proposed New Ground (After Leveling)
	Existing Ground Level
	Proposed Excavation Line
	Dilatation Joint (See DD-A17)

**NOTES :**

- All coordinates are in UTM WGS84 34N
- All dimensions are in meters, otherwise there will be a note.

Beware : Project line at 5.0 to 9.0 represents the surface of granite layer  
 Fine picked granite cobblestone black and white 8cm  
 Mortar joint 1cm  
 Mortar Bed 5cm  
 Stair Block Type 2 C25/30



**CLIENT:**  
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 Contact person: Erni Dautaj (Menaxhere Kontrates)  
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 E-mail: edautaj@albanianfund.org

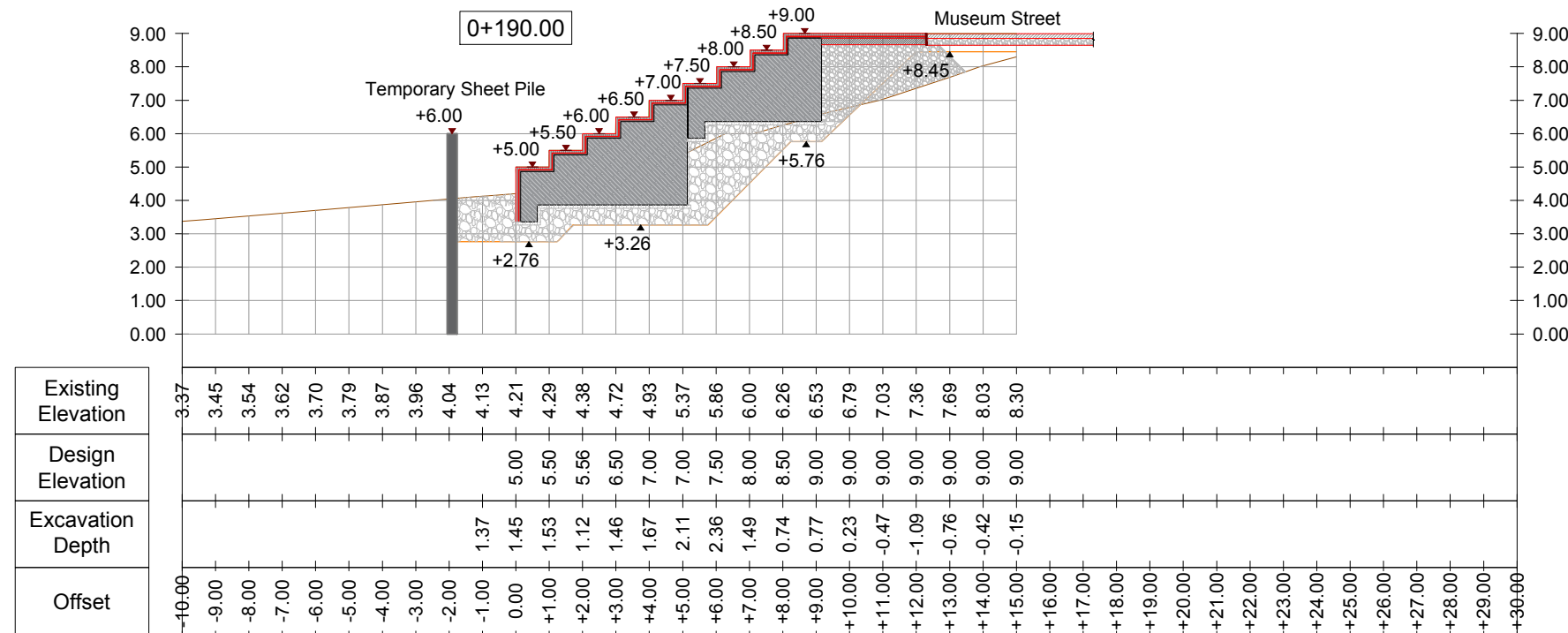
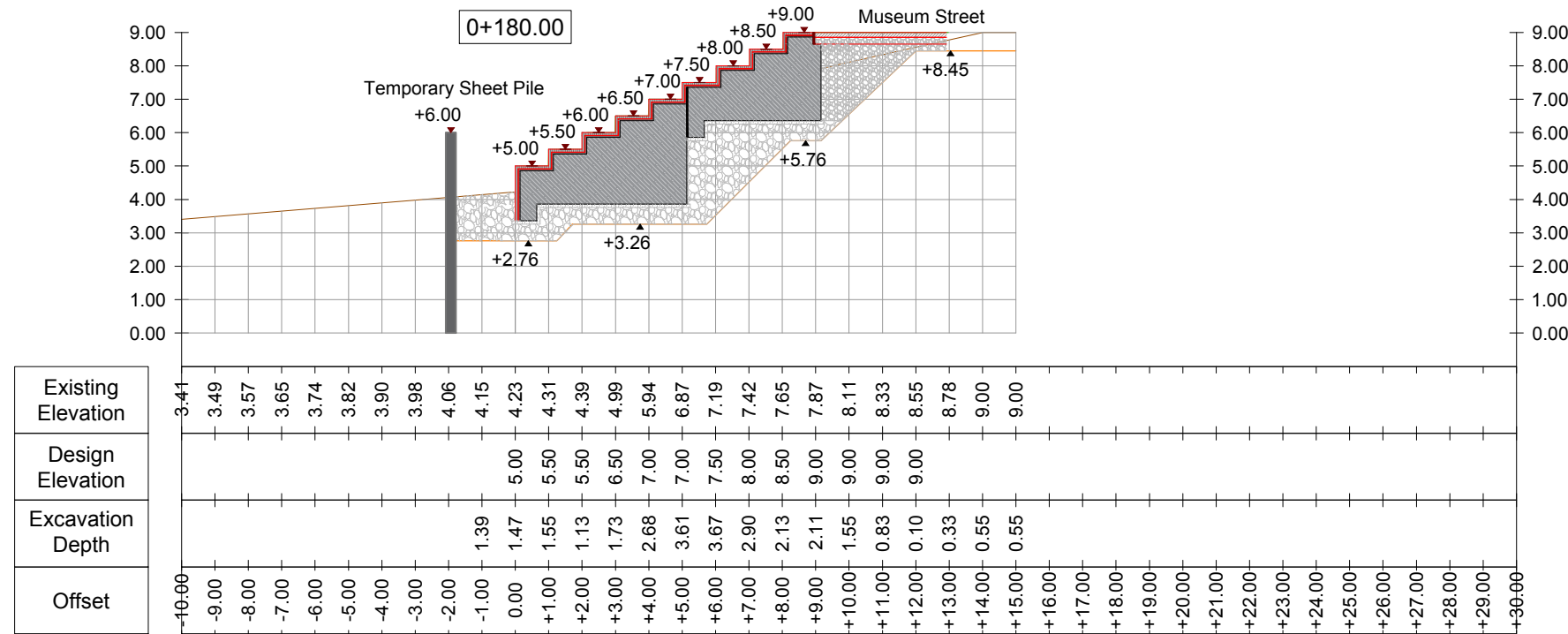
**CASANOVA+HERNANDEZ ARCHITECTS**  
 NIPT L82016014E  
 Contact person: Mr. Jesus Hernandez  
 Ibrahim Rugova, Pallati Klensi, Shkalla 4, Kati 1, Ap. 2, Yzberisht, Tiranë 1051, Albania  
 Mobile: +31 (0)10 2409333  
 E-mail: contact@casanova-hernandez.com

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 Tel.: +355 48 272 528  
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 E-mail: blerim.kurti@srp-consult.de

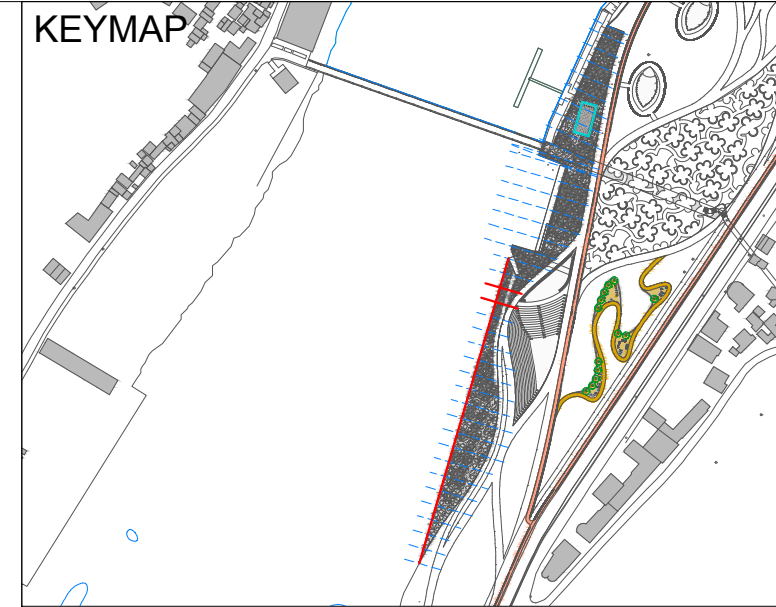
**SRP Schneider & Partner, Ingenieur-Consult GmbH**  
 Augustaanlage 50, D-68165 Mannheim, Germany  
 Handelsregister-Nr.: HRB 2082 Coburg  
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 E-mail: frank.ehrlicher@srp-consult.de

DD-C-CS-S-09		Stair Cross Sections - Stations 0+160-0+170	
Drawing number	Description		
Detailed Design	420 x 297 mm	1:200	31-08-2022
Phase	Format	Scale	Date
L077	Master Plan of Interventions at the Entrance of Shkodra		
Project number	Project name		
casanova+hernandez architects			
SRP Schneider & Partner, Ingenieur-Consult GmbH			
SRP Albanian Engineering sh.p.k.			

## CROSS SECTIONS SCALE H 1:200 V 1:200



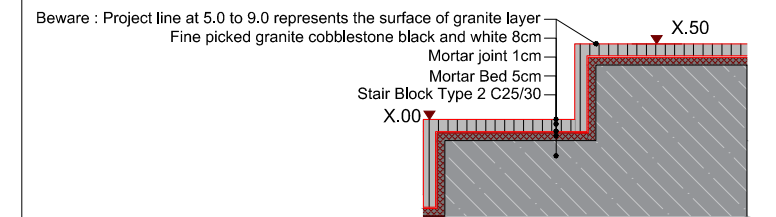
PROGRESSIVE VOLUMES TABLE									
CIVIL WORKS	Excavation	Gravel Fill	Crushed Stone Fill	Granite	Mortar	Concrete C 35 / 45 - Blocks	Concrete C 35 / 45 - Slab	Sheetpile	Lean Concrete
UNIT	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>
ST : 0+180	245.50	45.80	117.20	150.00	9.00	150.00	0.00	60.00	10.46
ST : 0+190	224.00	52.00	117.20	192.98	11.58	150.00	2.88	60.00	10.46



### LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Crushed Stone Fill
	Gravel Fill
	Sheet Piling (See Detail and Longitudinal Profile)
	Reinforced Concrete
	Granite Surface
	Project Area Proposed New Ground (After Leveling)
	Existing Ground Level
	Proposed Excavation Line
	Section
	Dilatation Joint (See DD-A17)

- NOTES :
- All coordinates are in UTM WGS84 34N
  - All dimensions are in meters, otherwise there will be a note.



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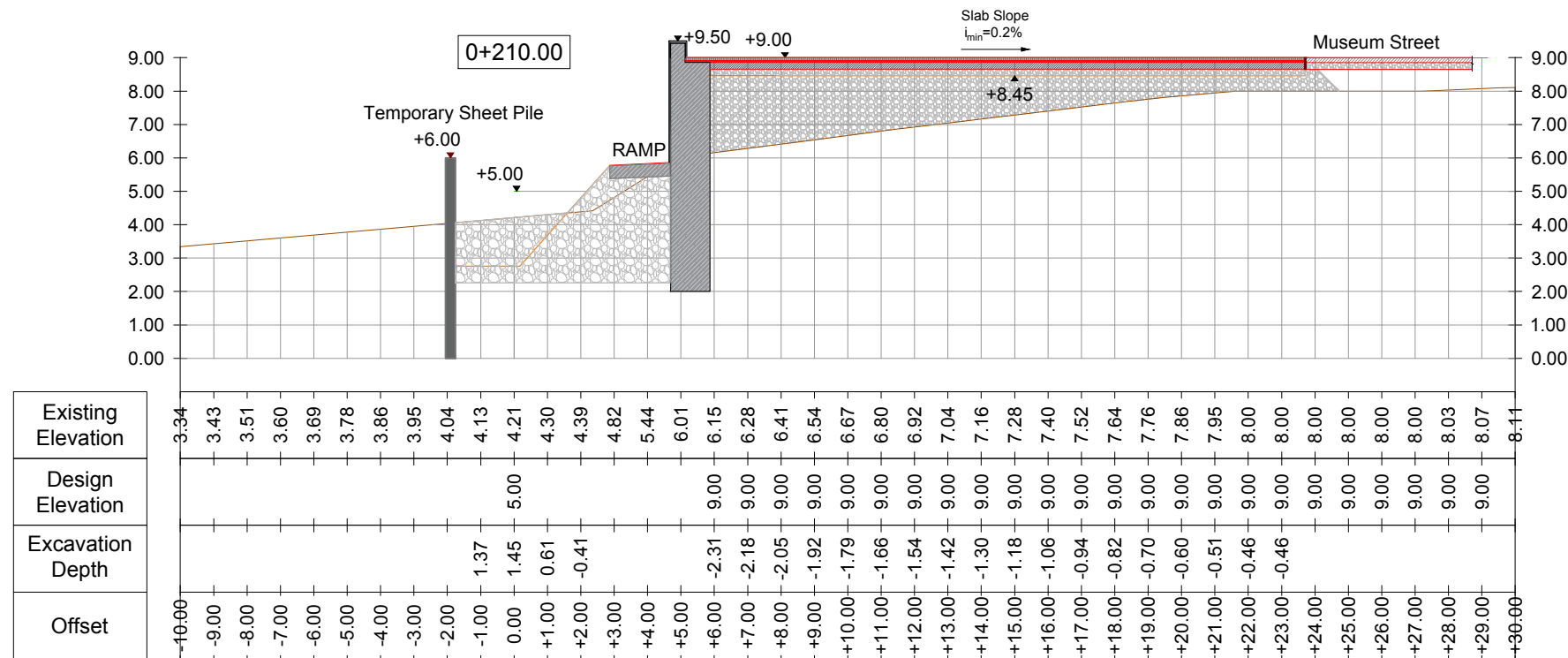
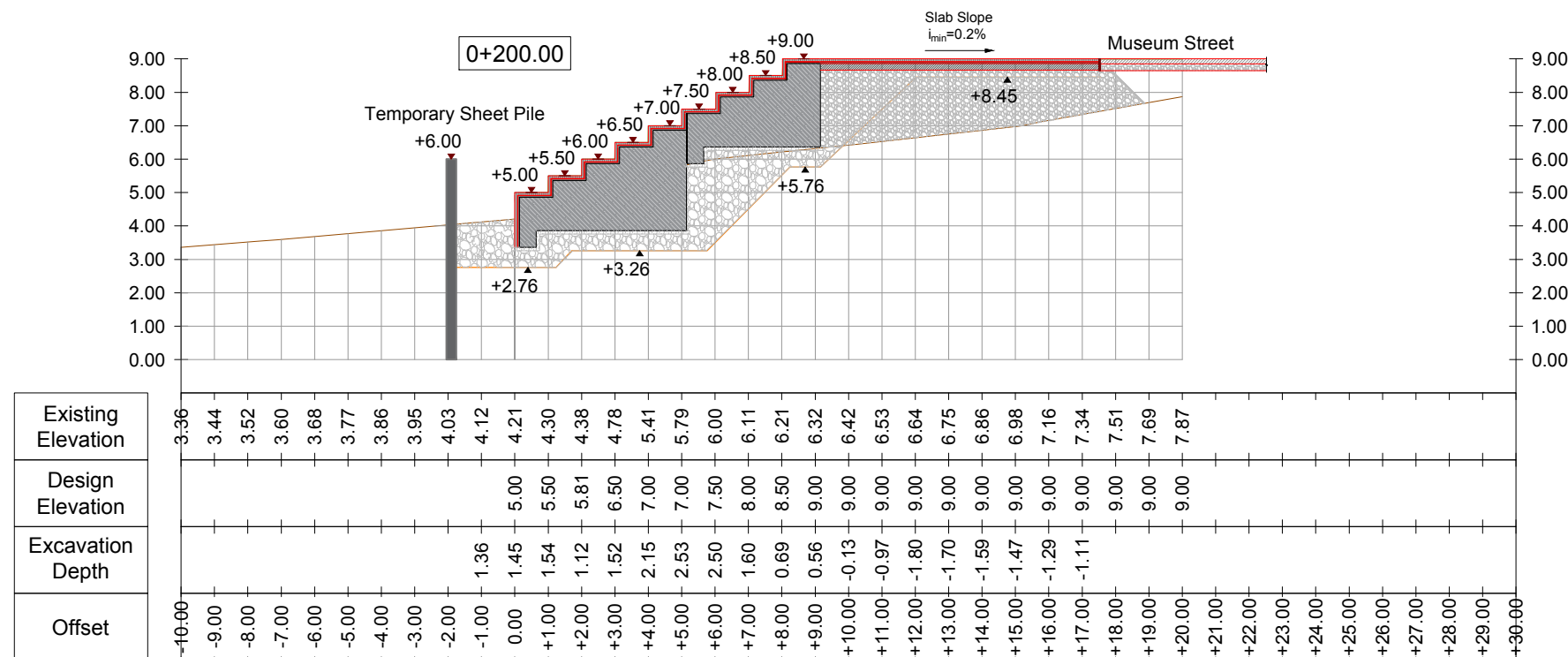
CASANOVA+HERNANDEZ ARCHITECTS  
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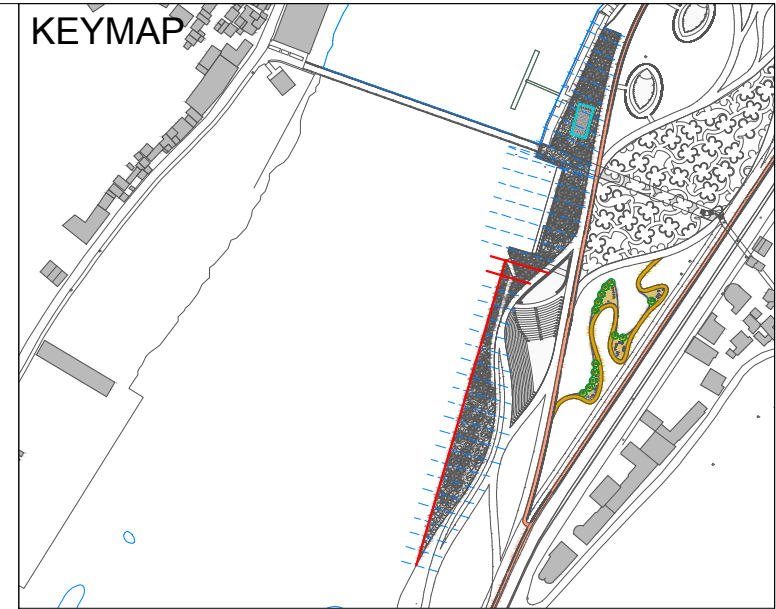
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DD-C-CS-S-10		Stair Cross Sections - Stations 0+180-0+190	
Drawing number	Description		
Detailed Design	420 x 297 mm	1:200	31-08-2022
Phase	Format	Scale	Date
L077		Master Plan of Interventions at the Entrance of Shkodra	
Project number	Project name		
casanova+hernandez architects		Lombardeade 24A 3011 AH Rotterdam T +31 (0)10 240 9033 F +31 (0)10 240 9029 contact@casanova-hernandez.com	
SRP Schneider & Partner, Ingenieur-Consult GmbH			
SRP Albanian Engineering sh.p.k			

## CROSS SECTIONS SCALE H 1:200 V 1:200



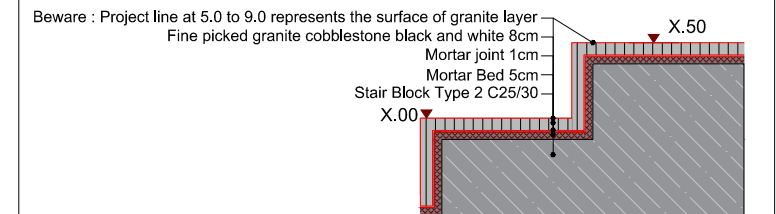
PROGRESSIVE VOLUMES TABLE									
CIVIL WORKS	Excavation	Gravel Fill	Crushed Stone Fill	Granite	Mortar	Concrete C 35 / 45 - Blocks	Concrete C 35 / 45 - Slab	Sheetpile	Lean Concrete
UNIT	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>2</sup>	m <sup>3</sup>
ST : 0+200	177.90	108.10	117.20	195.40	11.72	104.93	11.52	60.00	10.46
ST : 0+210	170.90	207.15	109.20	203.77	12.23	12.70	25.12	90.00	1.05



### LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Crushed Stone Fill
	Gravel Fill
	Sheet Piling (See Detail and Longitudinal Profile)
	Reinforced Concrete
	Lean Concrete
	Granite Surface
	Concrete Slab or Surface
	Mortar Bed
	Project Area Proposed New Ground (After Leveling)
	Existing Ground Level
	Proposed Excavation Line
	Dilatation Joint (See DD-A17)

- NOTES :
- All coordinates are in UTM WGS84 34N
  - All dimensions are in meters, otherwise there will be a note.



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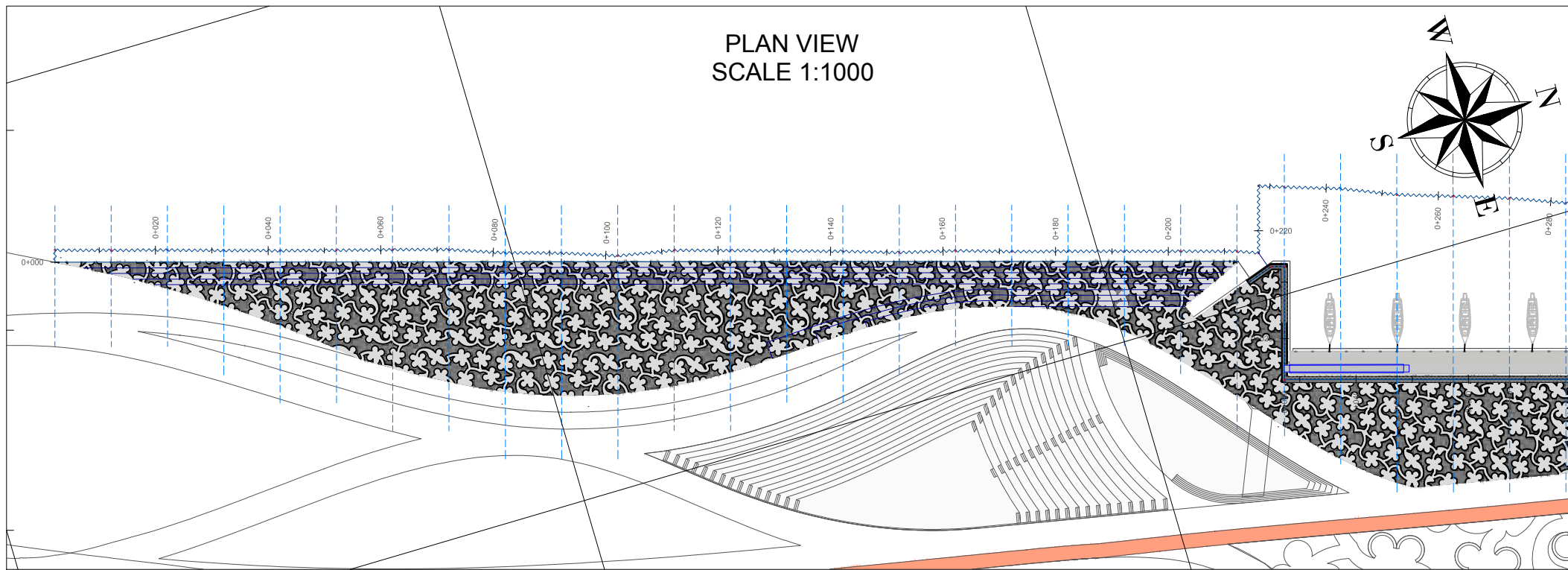
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DD-C-CS-S-11 Stair Cross Sections - Stations 0+200-0+210			
Drawing number	Description		
Detailed Design	420 x 297 mm	1:200	31-08-2022
Phase	Format	Scale	Date
L077	Master Plan of Interventions at the Entrance of Shkodra		
Project number	Project name		
casanova+hernandez architects	Lombardestraße 24A 30115 AH Rotterdam T +31 (0)10 240 0033 F +31 (0)10 240 9229 contact@casanova-hernandez.com		
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375100.000

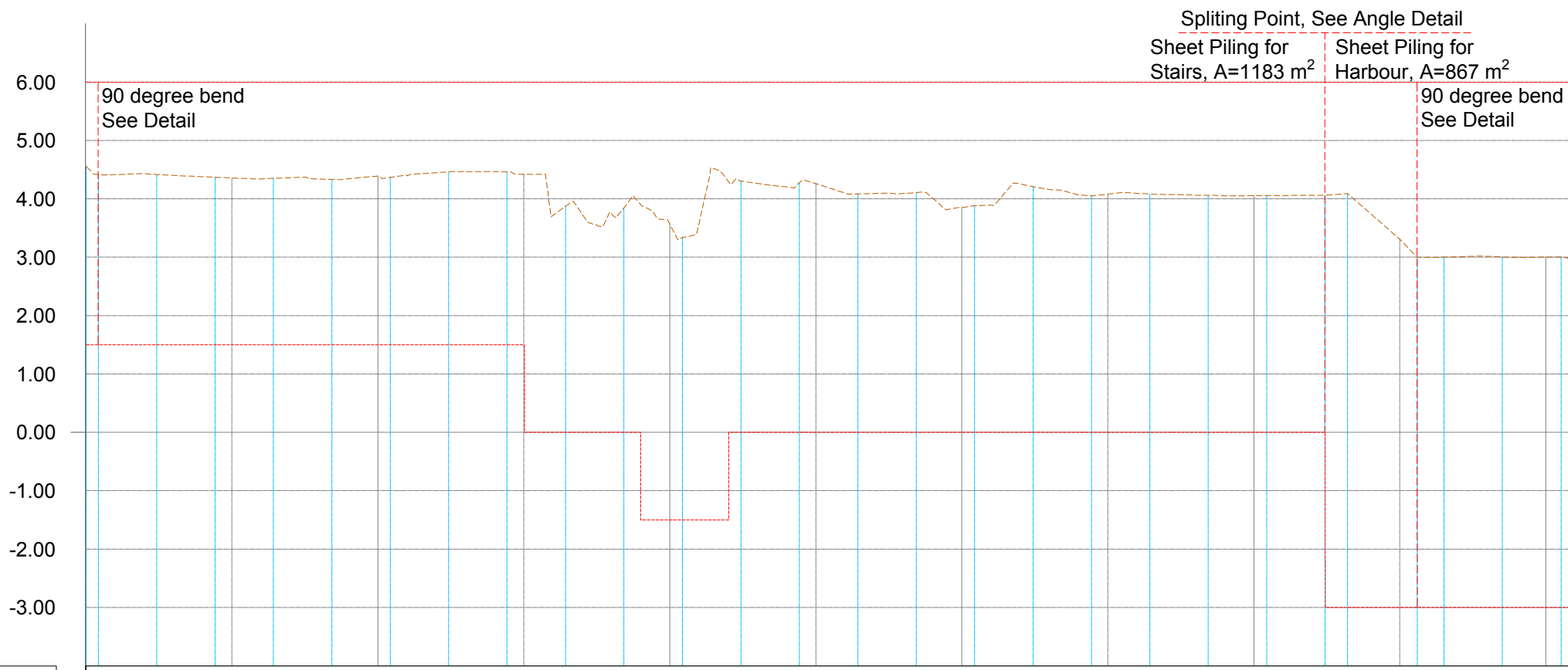
PLAN VIEW  
SCALE 1:1000



4656200.000

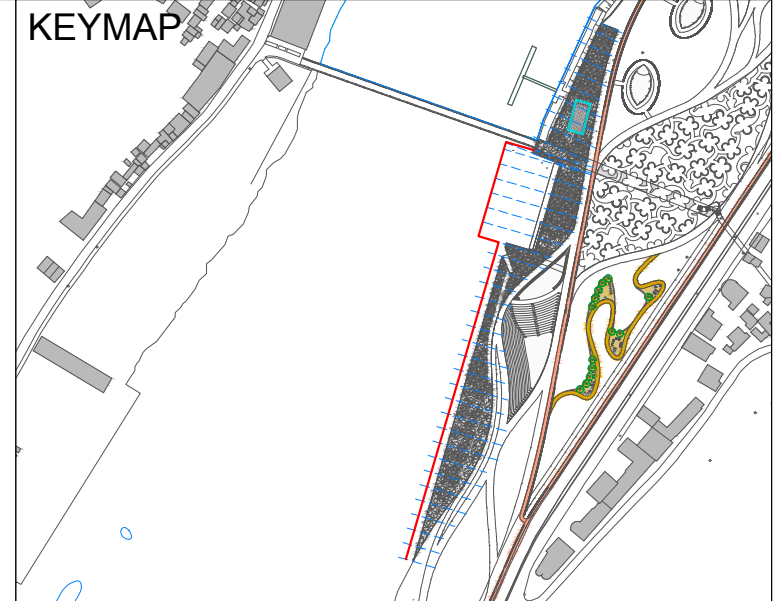
375200.000

LONGITUDINAL PROFILE  
SCALE H 1:1000 V 1:100



Slope + Length	
Ground Elevation (m)	6.00
Design Elevation (m)	4.56
Height (m)	1.44
Station (m)	0+000

Station (m)	Ground Elevation (m)	Design Elevation (m)	Height (m)
0+000	6.00	4.56	1.44
0+025	6.00	4.37	1.63
0+050	6.00	4.33	1.67
0+075	6.00	4.46	1.54
0+100	6.00	3.88	2.12
0+125	6.00	4.28	1.72
0+150	6.00	3.88	2.12
0+175	6.00	4.05	1.95
0+200	6.00	4.06	1.94
0+225	6.00	4.06	1.94
0+250	6.00	3.00	3.00



LEGEND AND NOTES

LEGEND	
SYMBOL	DESCRIPTION
	Sheet Piling (In Plan)
	Top and Bottom Line of Sheet Pile
	Existing Ground Level
	Section

- NOTES :
- All coordinates are in UTM WGS84 34N
  - All dimensions are in meters, otherwise there will be a note.
  - The construction of these sheet piles is intended to keep back water from the river so that the excavation and construction of stairs and harbor is done in dry conditions, after any water inside the area covered by the sheet piles is dried by pump. These sheet piles should be disassembled and removed after the construction of both harbour and stairs has finished.

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DD-C-LP-SP-01		Temporary Sheet Piling Longitudinal Profile	
Drawing number	Description		
Detailed Design	420 x 297 mm	1:1000	31-08-2022
Phase	Format	Scale	Date
L077	Master Plan of Interventions at the Entrance of Shkodra		
Project number	Project name		
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