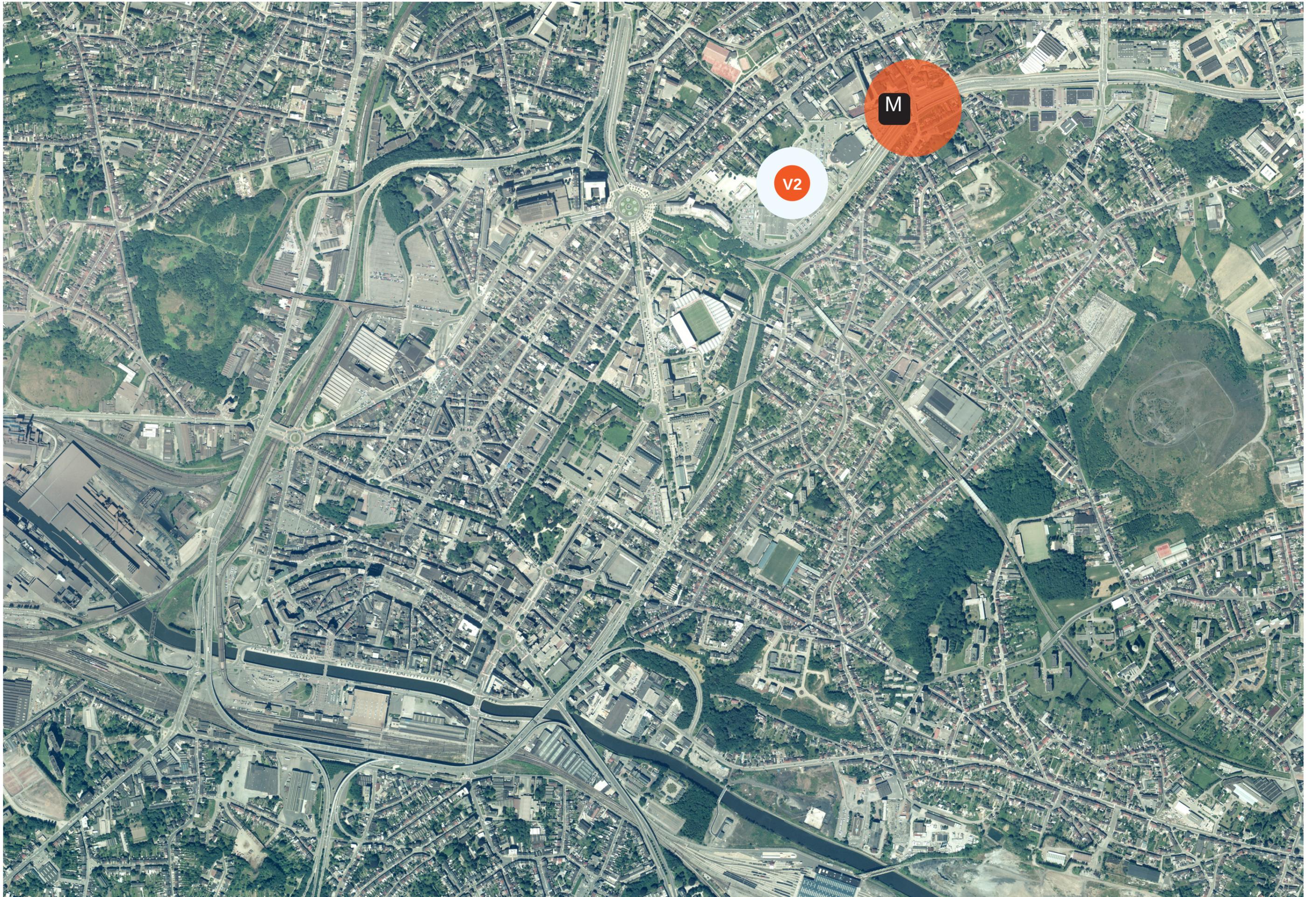
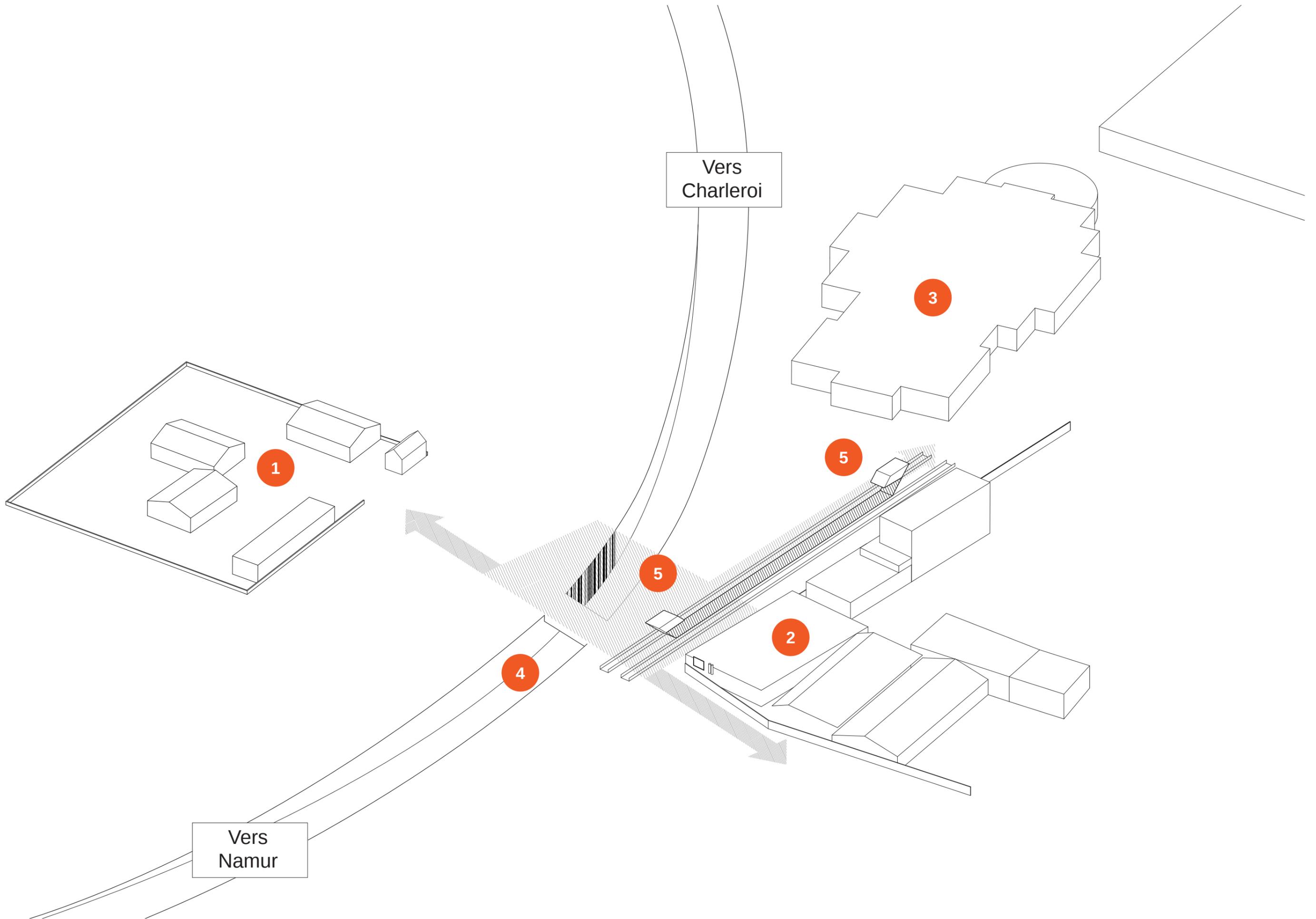
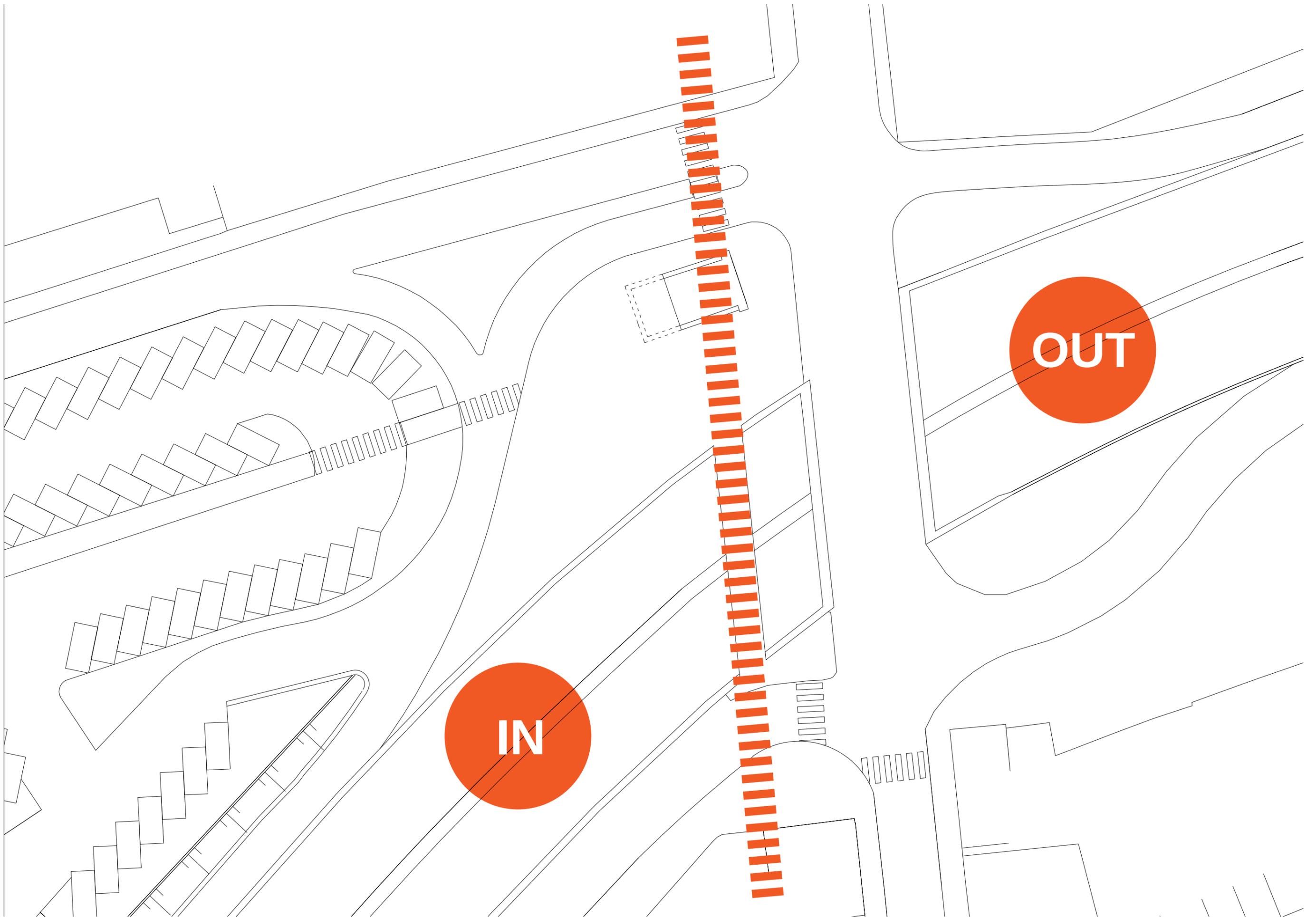


# RESERVOIR A

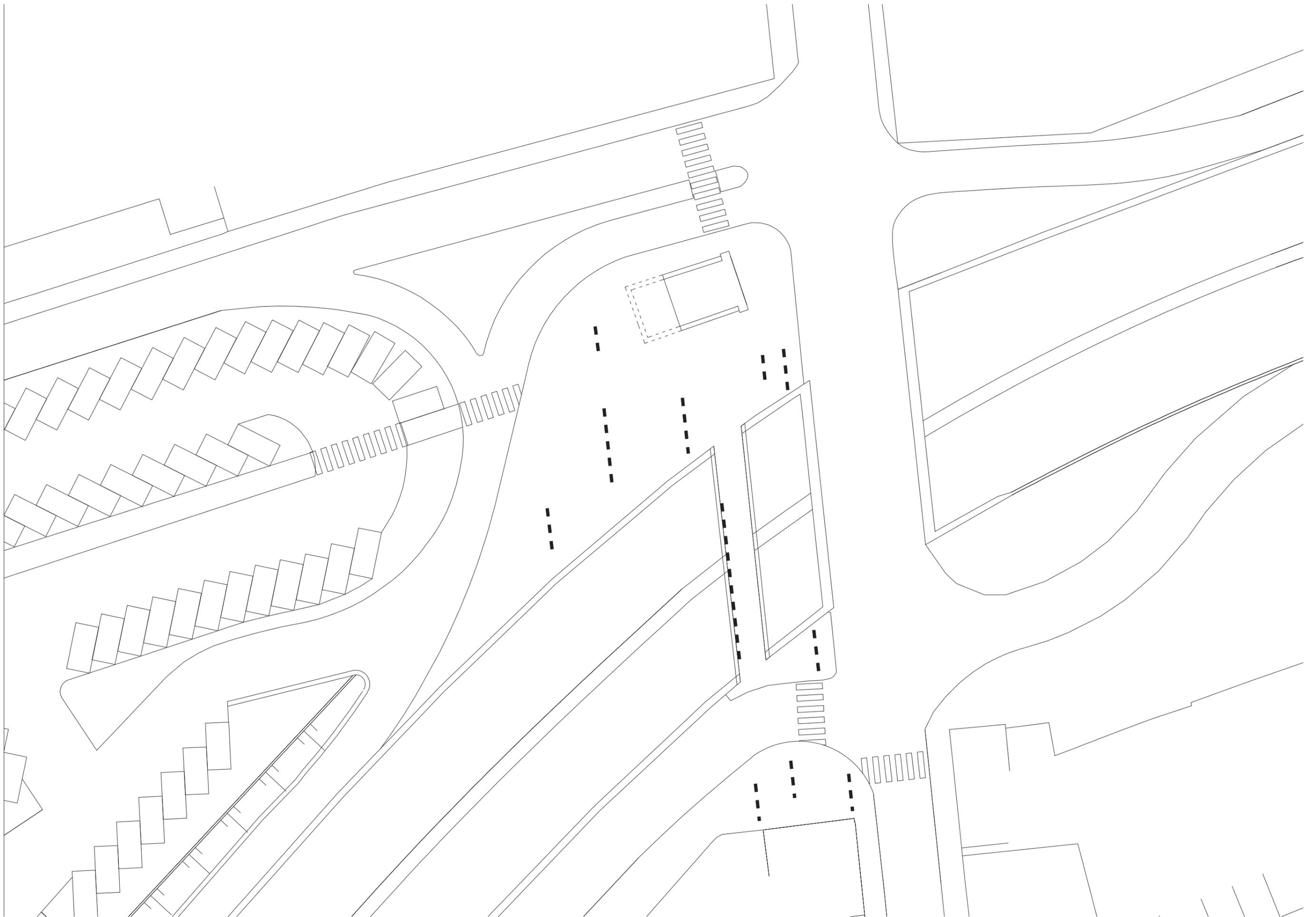
ENTREE DE VILLE LA SAMARITAINE  
A CHARLEROI



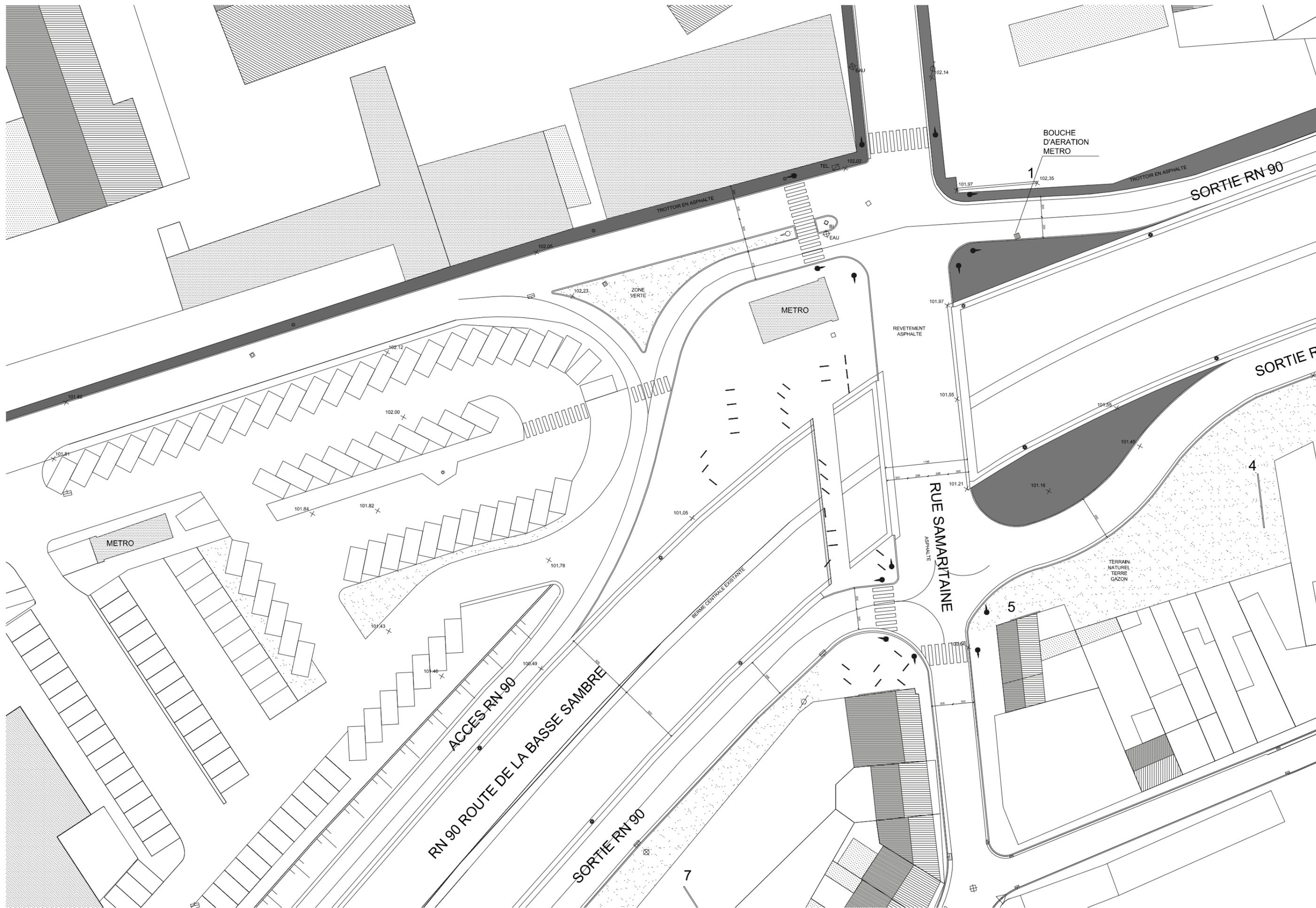


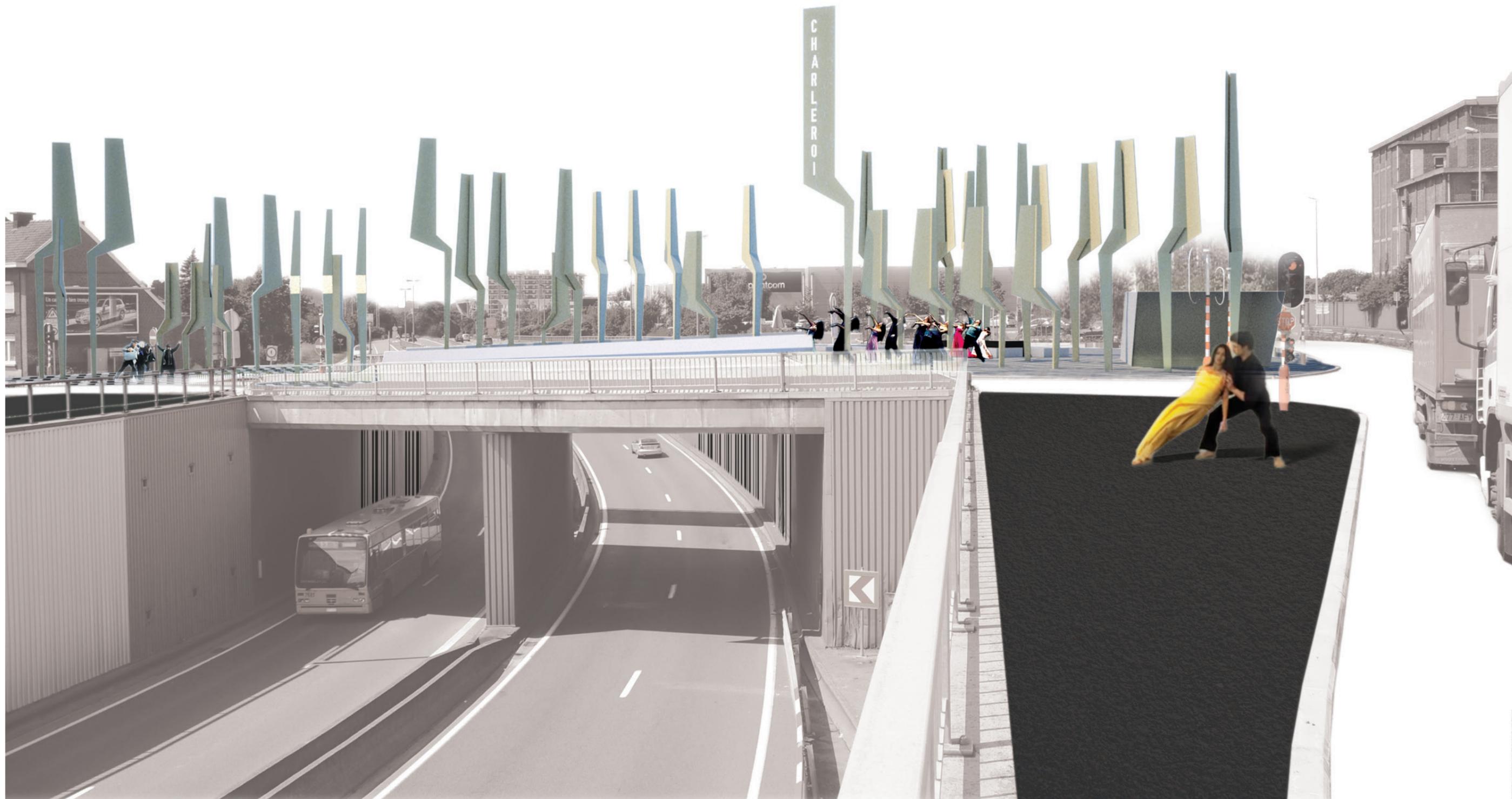


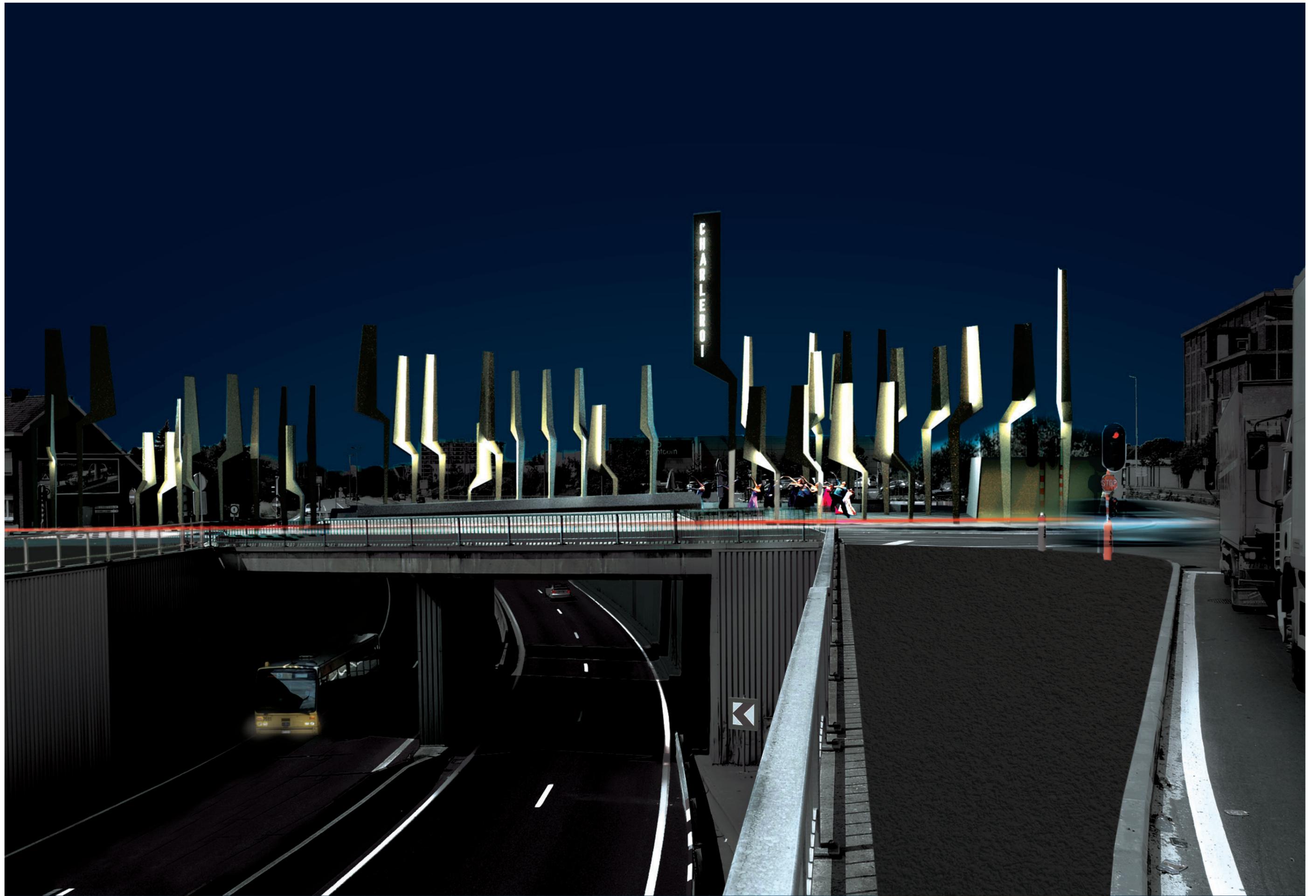


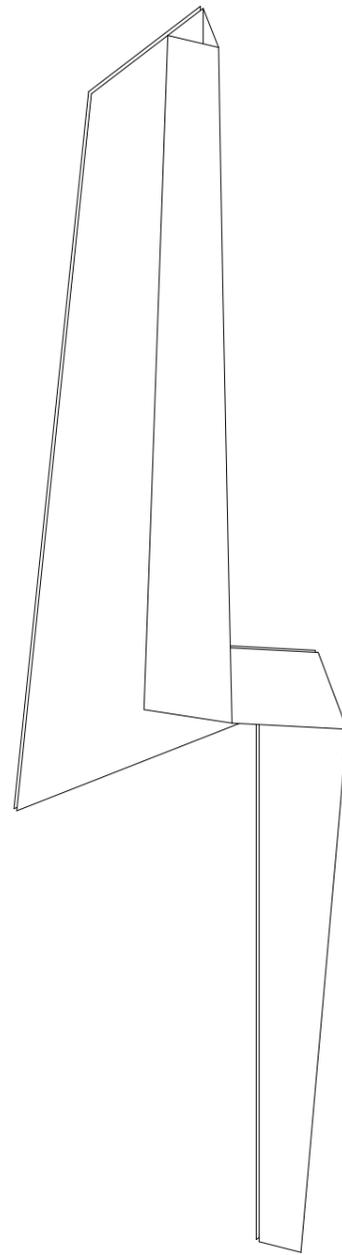
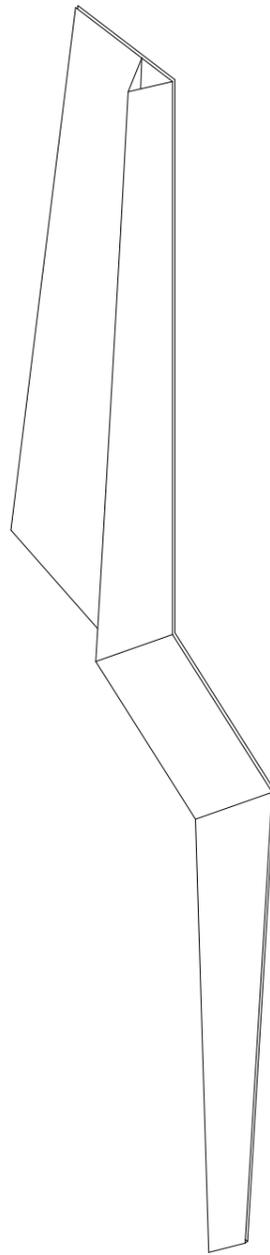
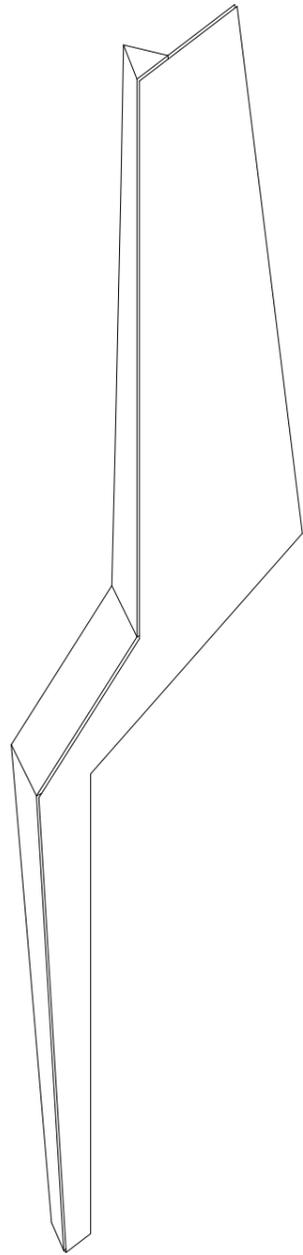
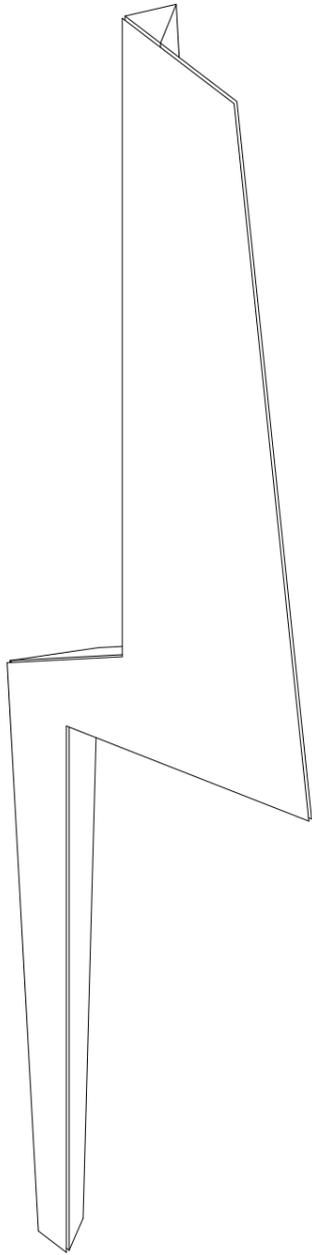




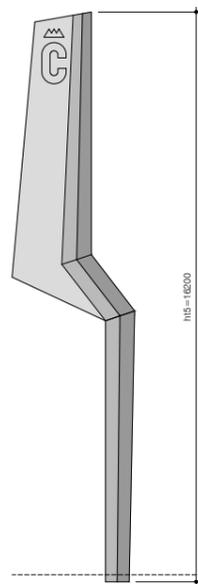








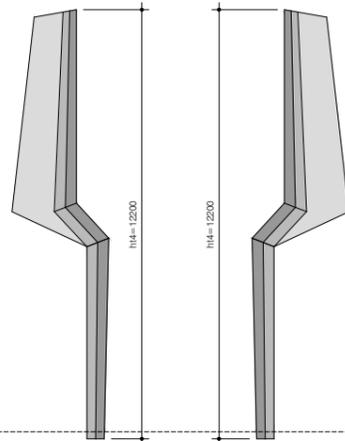
Classe de qualité	90 % Fp.c en kN							
	Diamètre de boulon en mm							
8.8	12	16	20	22	24	27	30	36
10.9	42	79	123	153	178	231	283	412
	53	99	155	191	222	289	354	515



Mât Type 5

Ech. 1:100

Type 5 (16m)			
Coordonnées des sommets (mm)			
	X	Y	Z
A1	0	0	-200
A2	338	585	-200
A3	676	0	-200
B1	0	0	0
B2	340	-589	0
B3	680	0	0
C1	0	0	7.265
C2	419	-725	7.385
C3	840	0	7.500
D1	-1.001	0	8.867
D2	-573	-732	8.980
D3	-150	0	9.100
D4	-2.764	0	8.554
E1	-674	0	15.908
E2	-411	-452	15.954
E3	-150	0	16.000
E4	-1.789	0	15.711



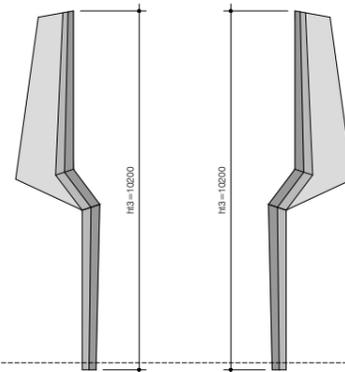
Mât Type 4a

Ech. 1:100

Mât Type 4b

Ech. 1:100

Type 4a (12m)				Type 4b (12m)			
Coordonnées des sommets (mm)							
	X	Y	Z	X	Y	Z	Z
A1	0,00	0,00	-200,00	0	0	-200	-200
A2	247,82	-429,23	-200,00	-248	-429	-200	-200
A3	495,64	0,00	-200,00	-496	0	-200	-200
B1	0,00	0,00	0,00	0	0	0	0
B2	250,00	-433,01	0,00	-250	-433	0	0
B3	500,00	0,00	0,00	-500	0	0	0
C1	0,00	0,00	5.291,67	0	0	5.292	5.292
C2	308,88	-535,00	5.397,76	-309	-535	5.398	5.398
C3	620,00	0,00	5.500,00	-620	0	5.500	5.500
D1	-779,07	0,00	6.292,12	779	0	6.292	6.292
D2	-462,32	-540,95	6.393,69	462	-541	6.394	6.394
D3	-150,00	0,00	6.500,00	150	0	6.500	6.500
D4	-2.129,82	0,00	6.284,83	2.130	0	6.285	6.285
E1	-532,95	0,00	11.932,48	533	0	11.932	11.932
E2	-340,73	-330,36	11.966,37	341	-330	11.966	11.966
E3	-150,00	0,00	12.000,00	150	0	12.000	12.000
E4	-1.379,58	0,00	11.783,19	1.380	0	11.783	11.783



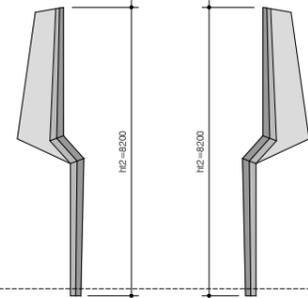
Mât Type 3a

Ech. 1:100

Mât Type 3b

Ech. 1:100

Type 3a (10m)				Type 3b (10m)			
Coordonnées des sommets (mm)							
	X	Y	Z	X	Y	Z	Z
A1	0	0	-200	0	0	-200	-200
A2	223	-386	-200	-223	-386	-200	-200
A3	446	0	-200	-446	0	-200	-200
B1	0,00	0,00	0,00	0	0	0	0
B2	225	-390	0	-225	-390	0	0
B3	450	0	0	-450	0	0	0
C1	0	0	4.329	0	0	4.329	4.329
C2	274	-475	4.416	-274	-475	4.416	4.416
C3	550	0	4.500	-550	0	4.500	4.500
D1	-708	0	5.330	708	0	5.330	5.330
D2	-427	-480	5.413	427	-480	5.413	5.413
D3	-150	0	5.500	150	0	5.500	5.500
D4	-1.890	0	5.210	1.890	0	5.210	5.210
E1	-503	0	9.938	503	0	9.938	9.938
E2	-326	-304	9.969	326	-304	9.969	9.969
E3	-150	0	10.000	150	0	10.000	10.000
E4	-1.178	0	9.819	1.178	0	9.819	9.819



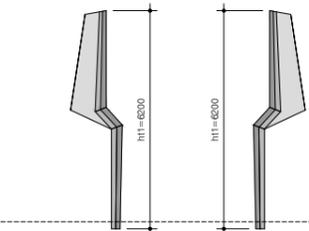
Mât Type 2a

Ech. 1:100

Mât Type 2b

Ech. 1:100

Type 2a (8m)				Type 2b (8m)			
Coordonnées des sommets (mm)							
	X	Y	Z	X	Y	Z	Z
A1	0	0	-200	0	0	-200	-200
A2	173	-299	-200	-173	-299	-200	-200
A3	-346	0	-200	346	0	-200	-200
B1	0	0	0	0	0	0	0
B2	175	-303	0	-175	-303	0	0
B3	350	0	0	-350	0	0	0
C1	0	0	3.538	0	0	3.538	3.538
C2	214	-371	3.620	-214	-371	3.620	3.620
C3	430	0	3.700	-430	0	3.700	3.700
D1	-587	0	4.188	587	0	4.188	4.188
D2	-367	-376	4.267	367	-376	4.267	4.267
D3	-150	0	4.350	150	0	4.350	4.350
D4	-1.514	0	4.244	1.514	0	4.244	4.244
E1	-422	0	7.952	422	0	7.952	7.952
E2	-286	-235	7.976	286	-235	7.976	7.976
E3	-150	0	8.000	150	0	8.000	8.000
E4	-972	0	7.855	972	0	7.855	7.855



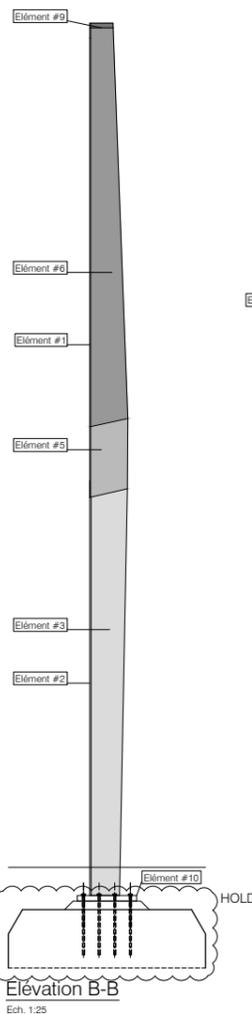
Mât Type 1a

Ech. 1:100

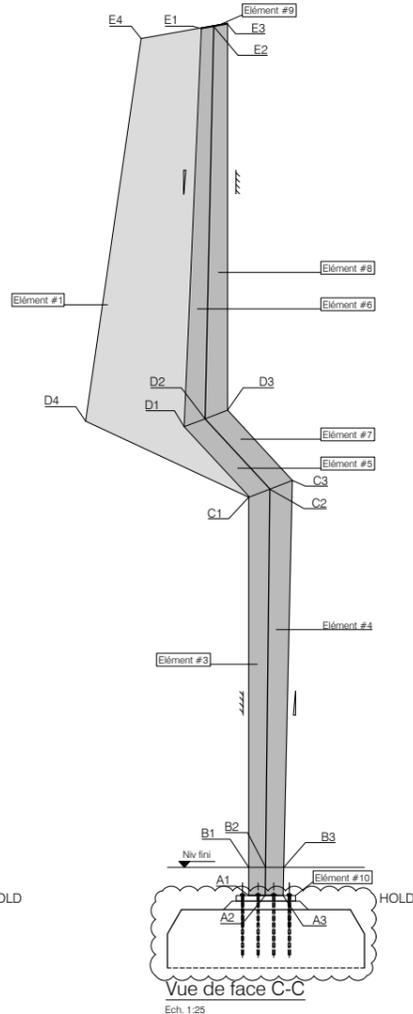
Mât Type 1b

Ech. 1:100

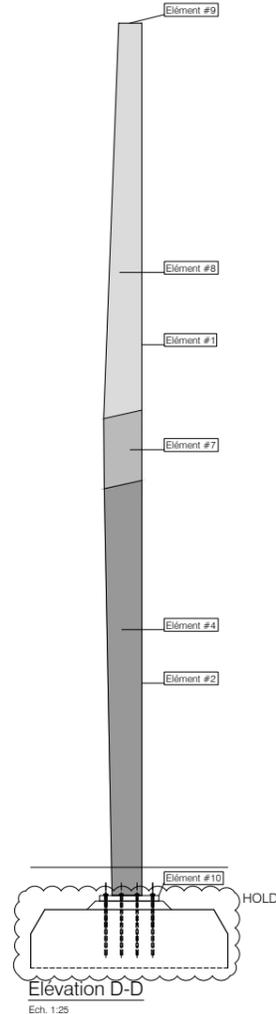
Type 1a (6m)				Type 1b (6m)			
Coordonnées des sommets (mm)							
	X	Y	Z	X	Y	Z	Z
A1	0	0	-200	0	0	-200	-200
A2	148	-256	-200	-148	-256	-200	-200
A3	296	0	-200	-296	0	-200	-200
B1	0	0	0	0	0	0	0
B2	150	-260	0	-150	-260	0	0
B3	300	0	0	-300	0	0	0
C1	0	0	2.600	0	0	2.600	2.600
C2	179	-310	2.676	-179	-310	2.676	2.676
C3	360	0	2.750	-360	0	2.750	2.750
D1	-517	0	3.100	517	0	3.100	3.100
D2	-332	-315	3.174	332	-315	3.174	3.174
D3	-150	0	3.250	150	0	3.250	3.250
D4	-1.160	0	3.141	1.160	0	3.141	3.141
E1	-392	0	5.957	392	0	5.957	5.957
E2	-270	-209	5.979	270	-209	5.979	5.979
E3	-150	0	6.000	150	0	6.000	6.000
E4	-766	0	5.891	766	0	5.891	5.891



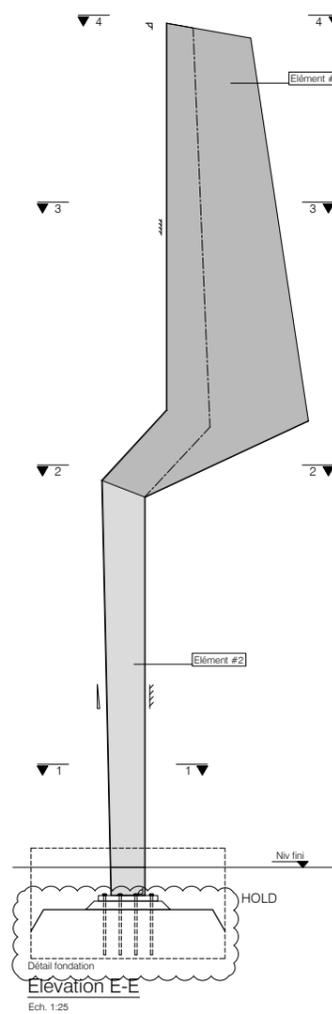
Ech. 1:25



Ech. 1:25

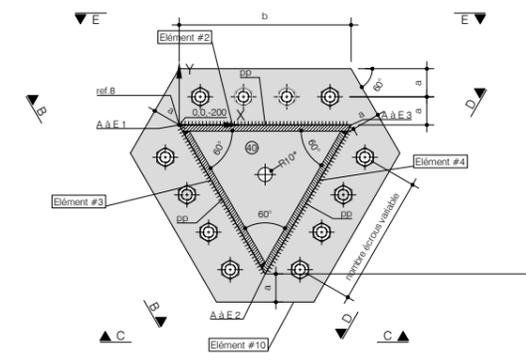


Ech. 1:25



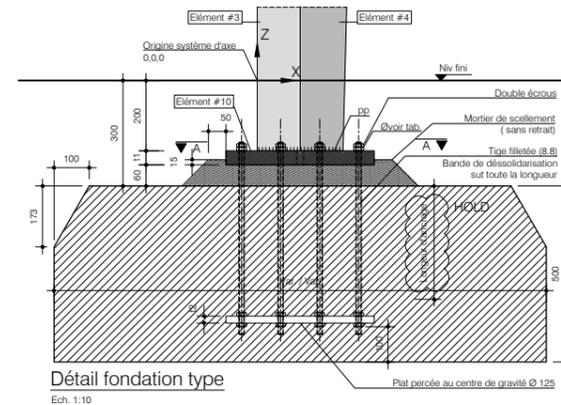
Ech. 1:25

Dimensions Élément #10					
	Mât Type 1	Mât Type 2	Mât Type 3	Mât Type 4	Mât Type 5
#	Ø16 (8.8)	12Ø20 (8.8)	15Ø24 (8.8)	15Ø27 (8.8)	18Ø30 (8.8)
b	300	350	450	500	680
L	60°	60°	60°	60°	60°
ép	10	15	20	25	30



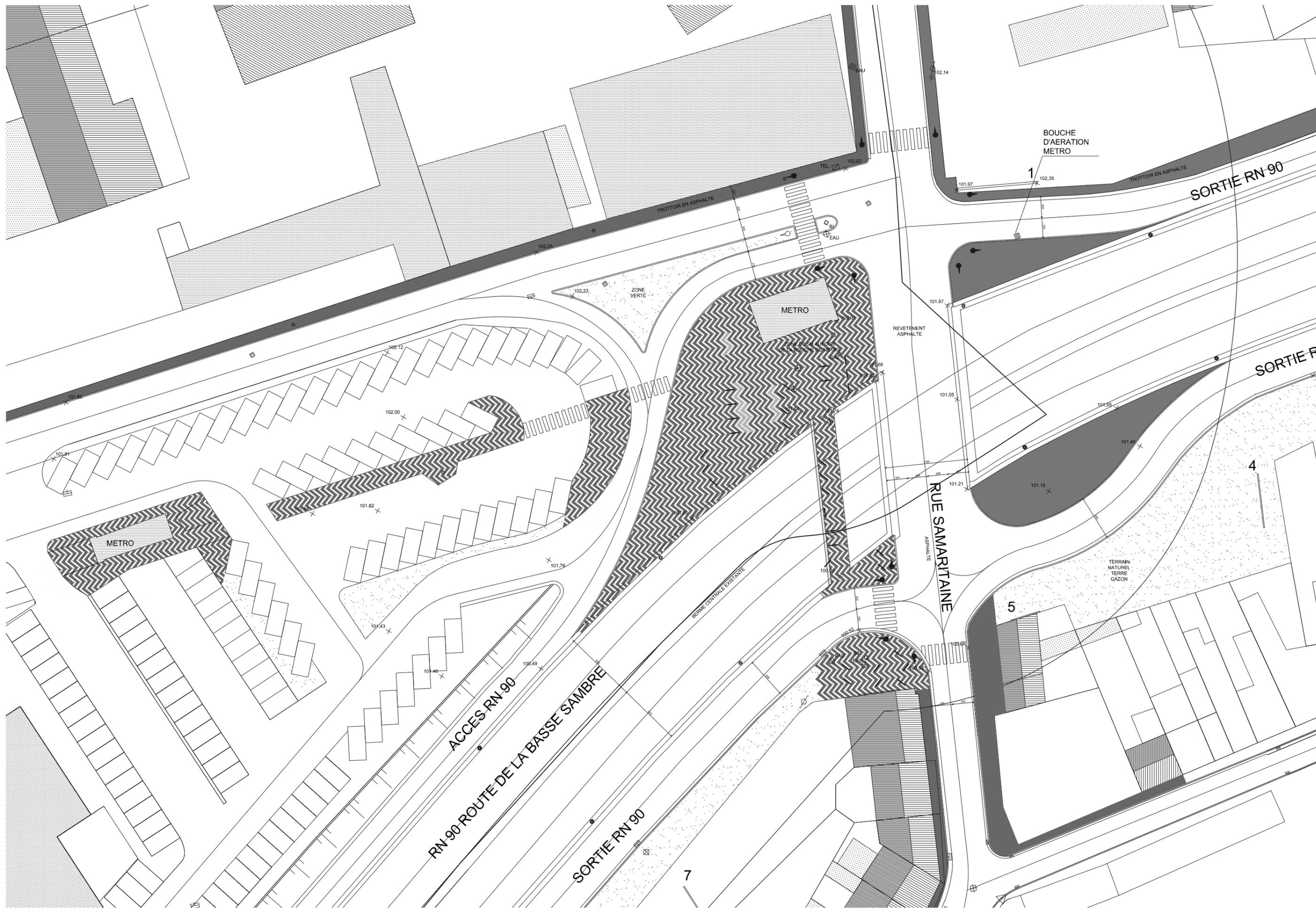
Coupe A-A : Élément #10

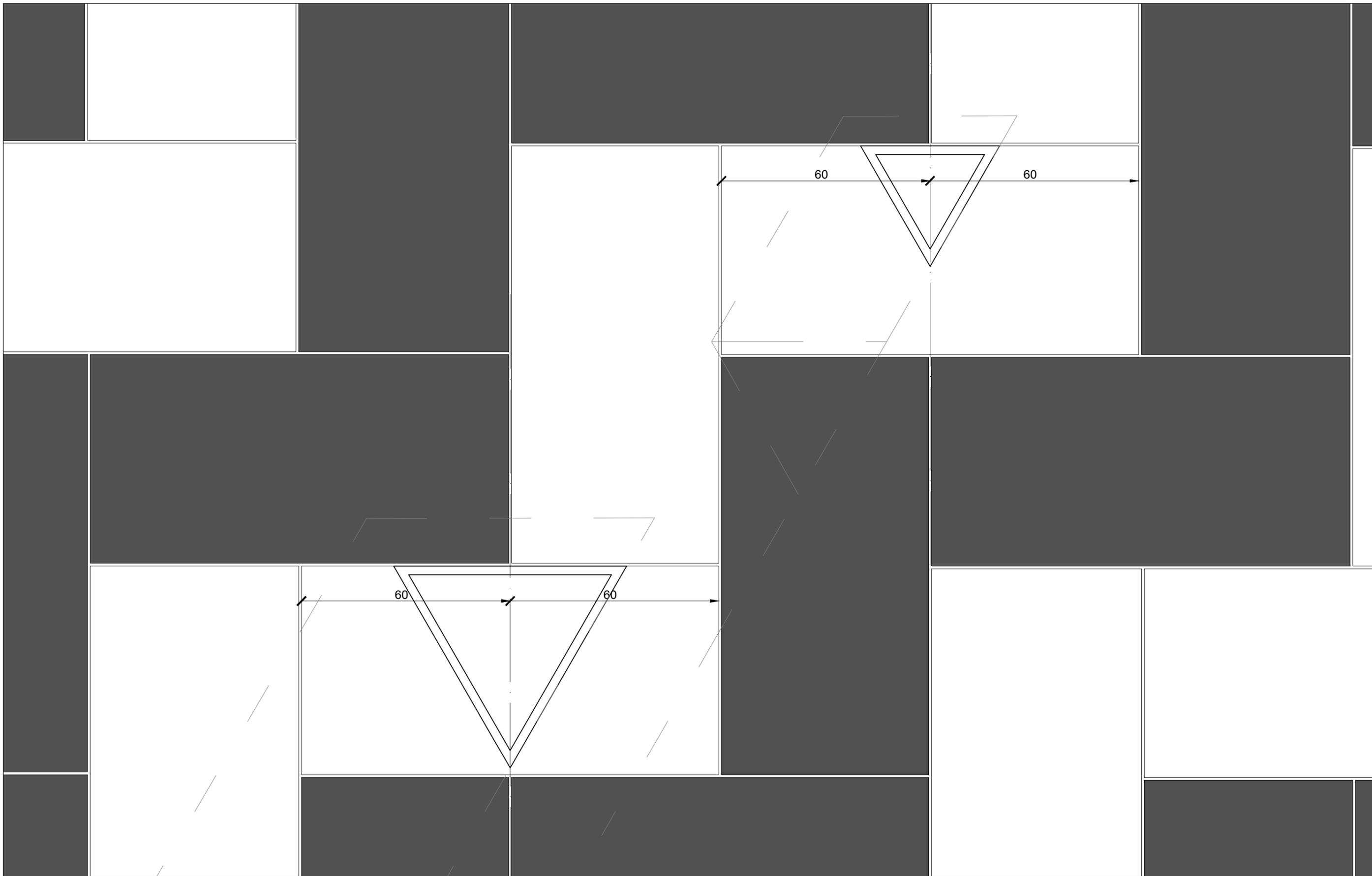
Ech. 1:5



Ech. 1:10







**RESER  
VOIR  
A**

048V2C\_Aménagement d'entrée de ville La Samaritaine à Charleroi  
 DETAIL DE PRINCIPE D'INTEGRATION DES MATS AU CALEPINAGE - DETAIL 06

PHASE  
SOUSSION

NIVEAU  
-

ZONE  
-

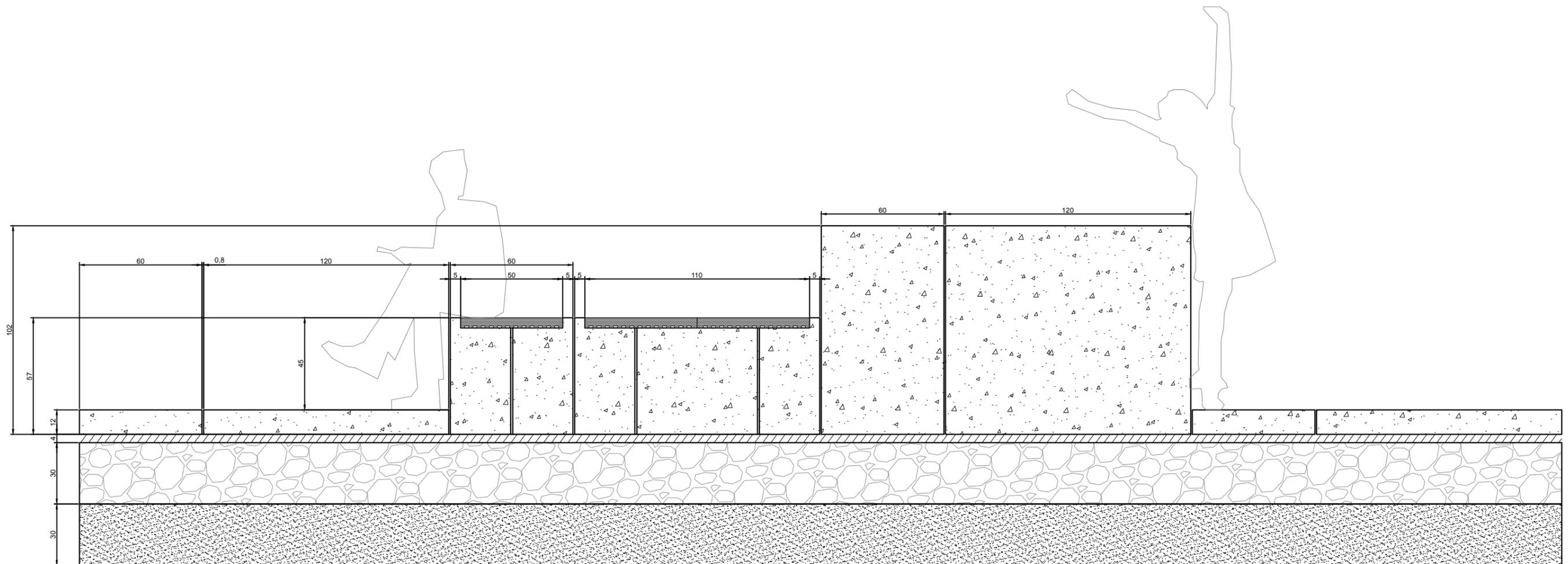
ECHELLE  
1/10

DATE  
08/02/2016

INDICE  
-

PLAN N°  
D06





**RESER  
VOIR  
A**

048V2C\_Aménagement d'entrée de ville La Samaritaine à Charleroi  
VUE DES ELEMENTS DE MOBILIER URBAIN EN BETON - DETAIL 03

PHASE  
SOUSSION

NIVEAU  
-

ZONE  
-

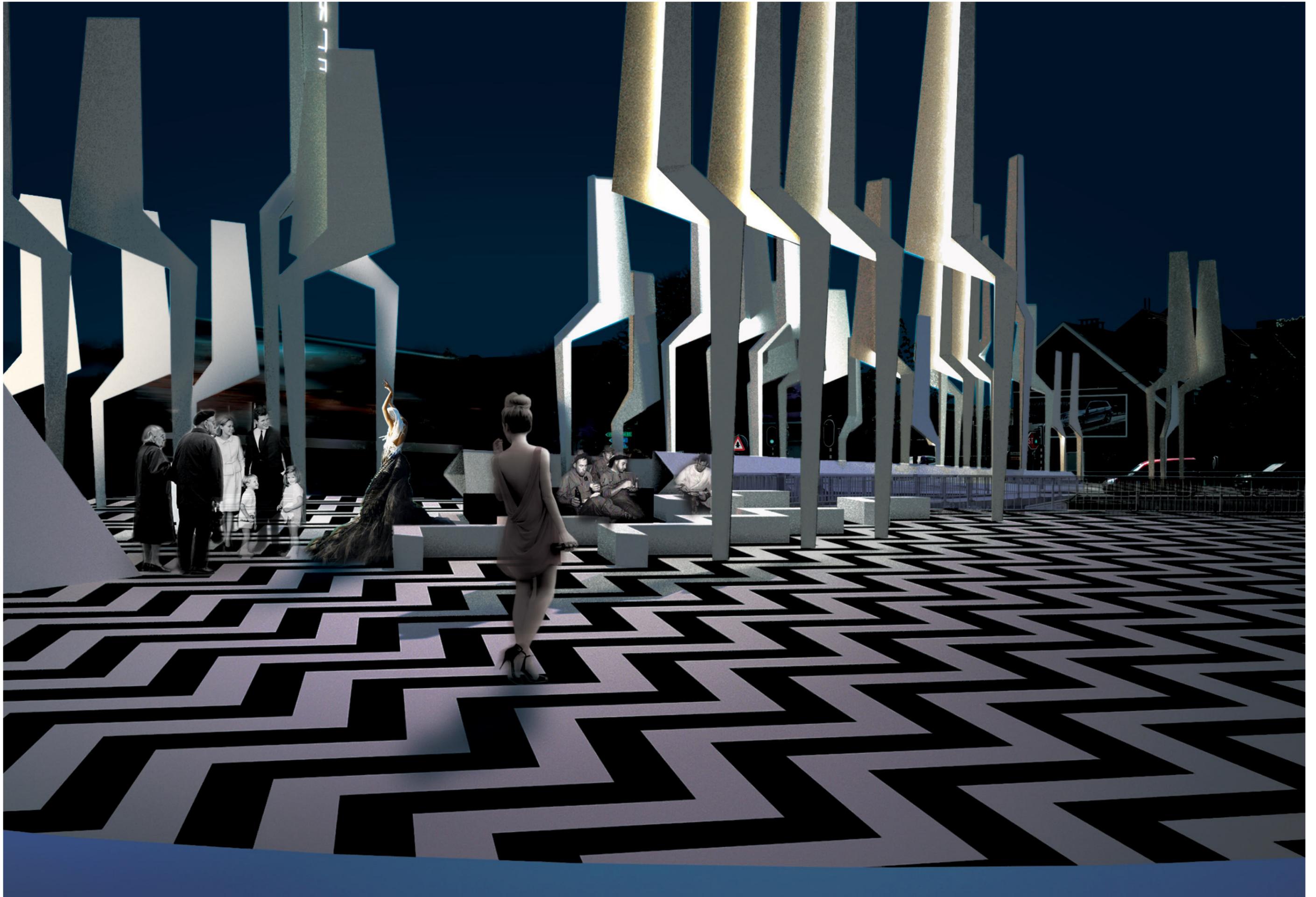
ECHELLE  
1/20

DATE  
08/02/2016

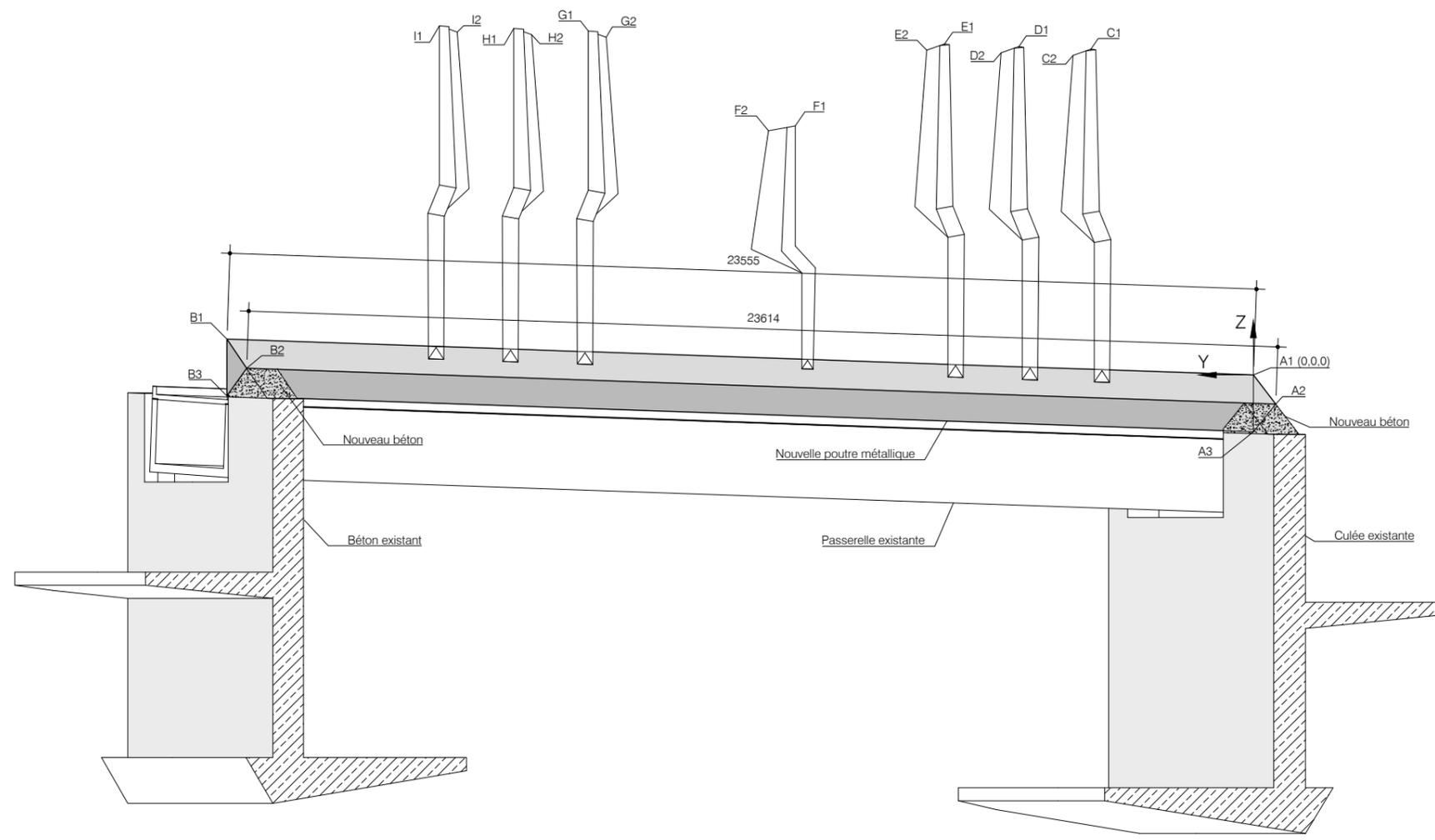
INDICE  
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PLAN N°  
D03

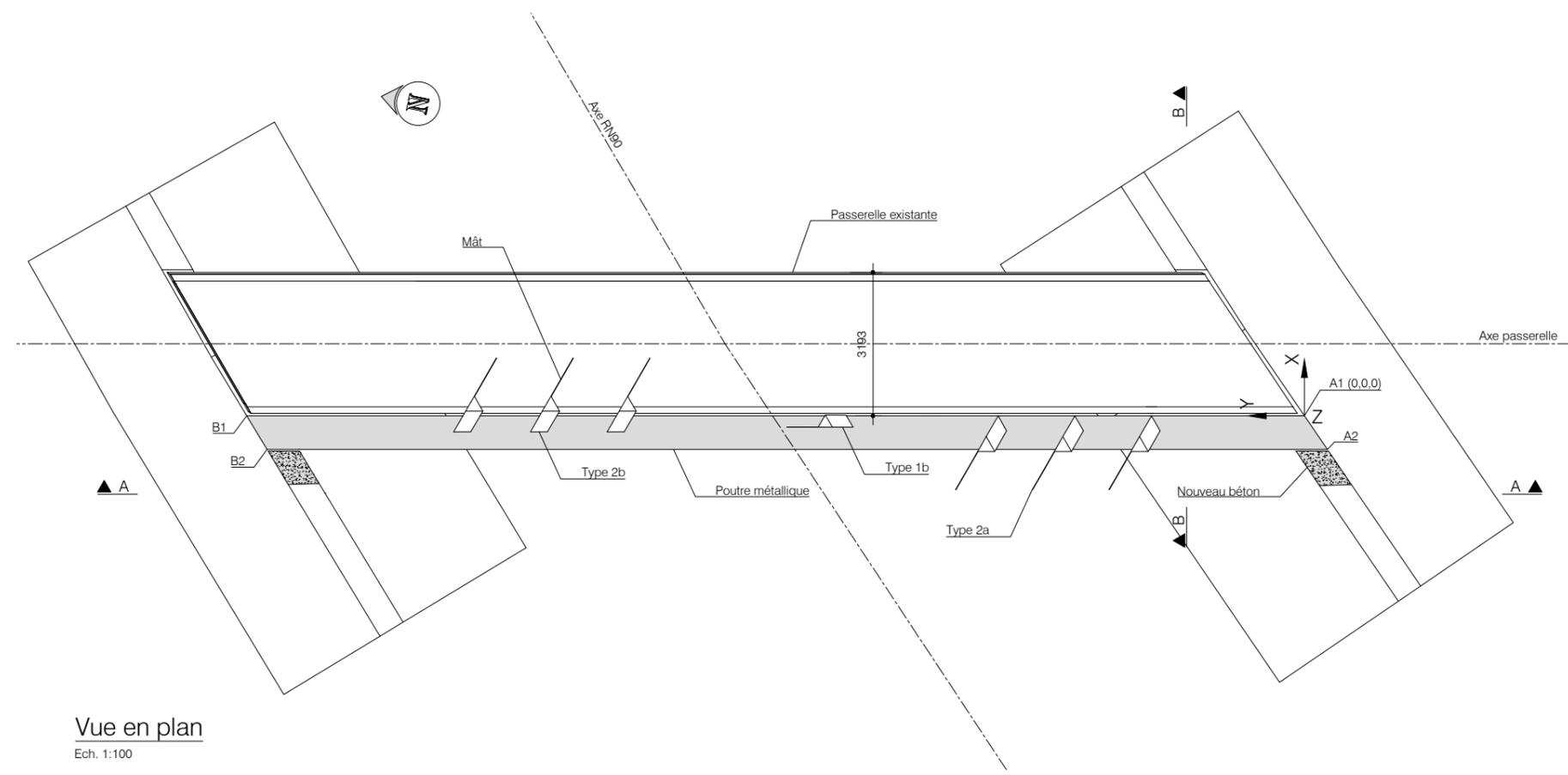




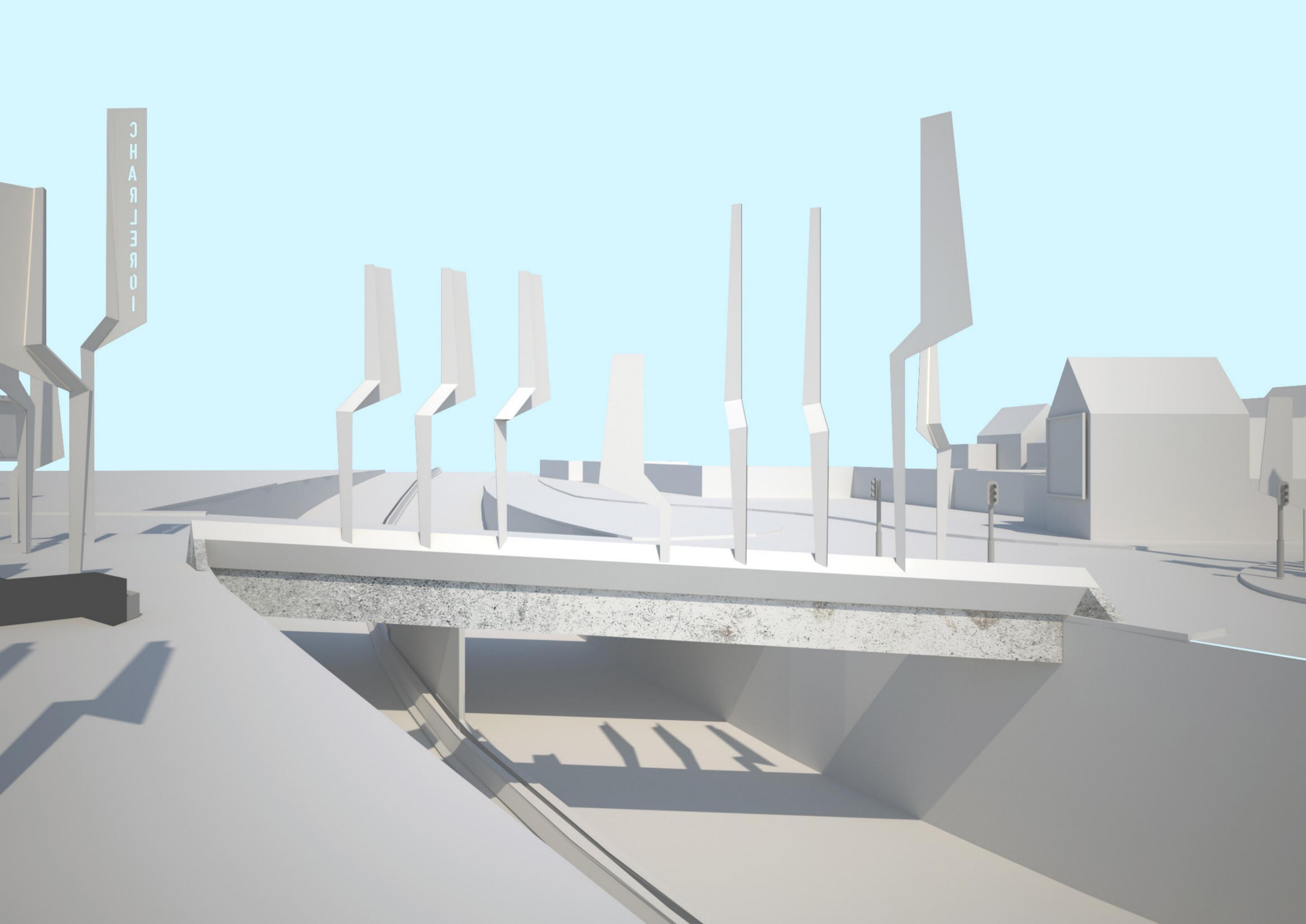




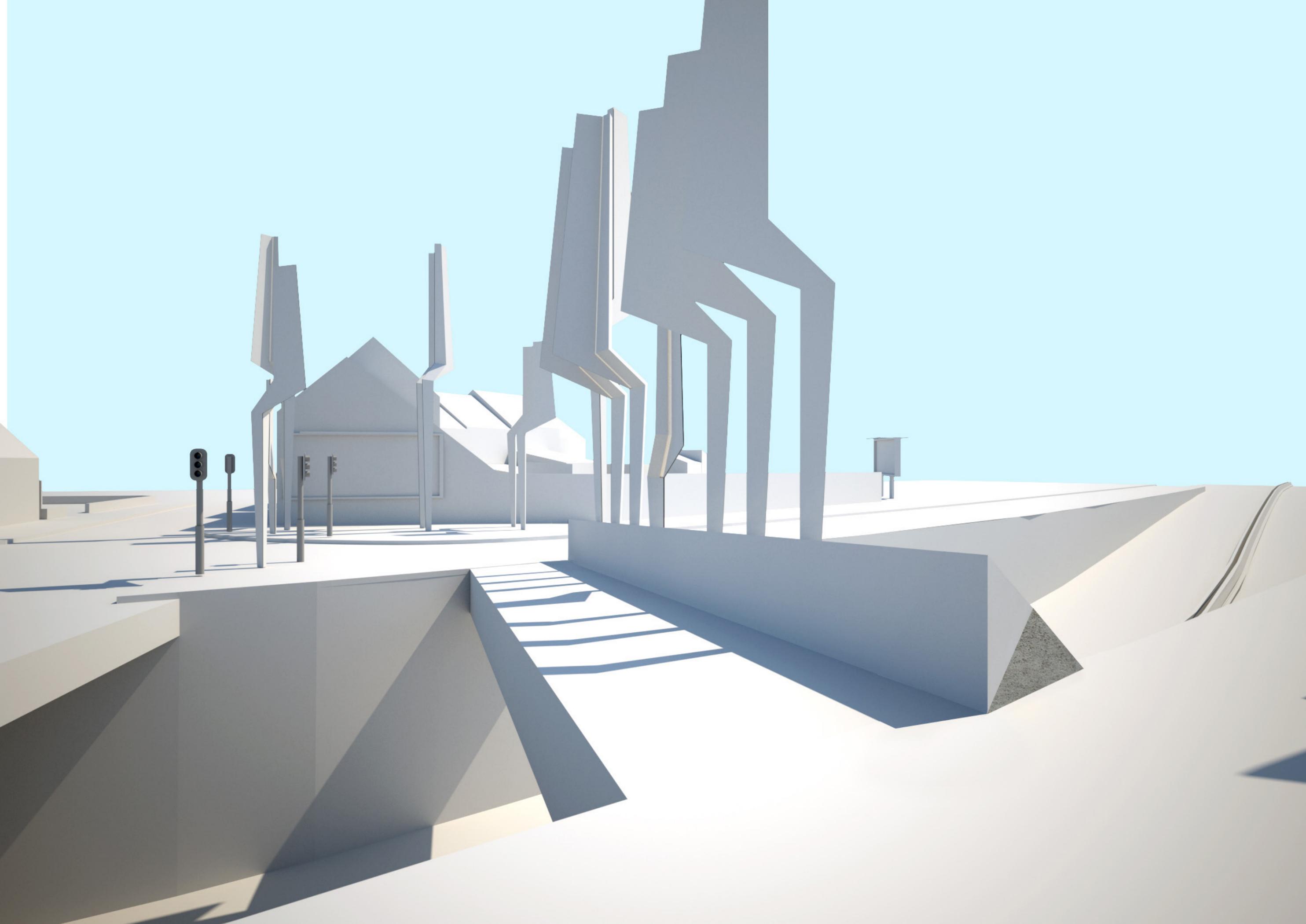
Coupe A-A  
Ech. 1:100

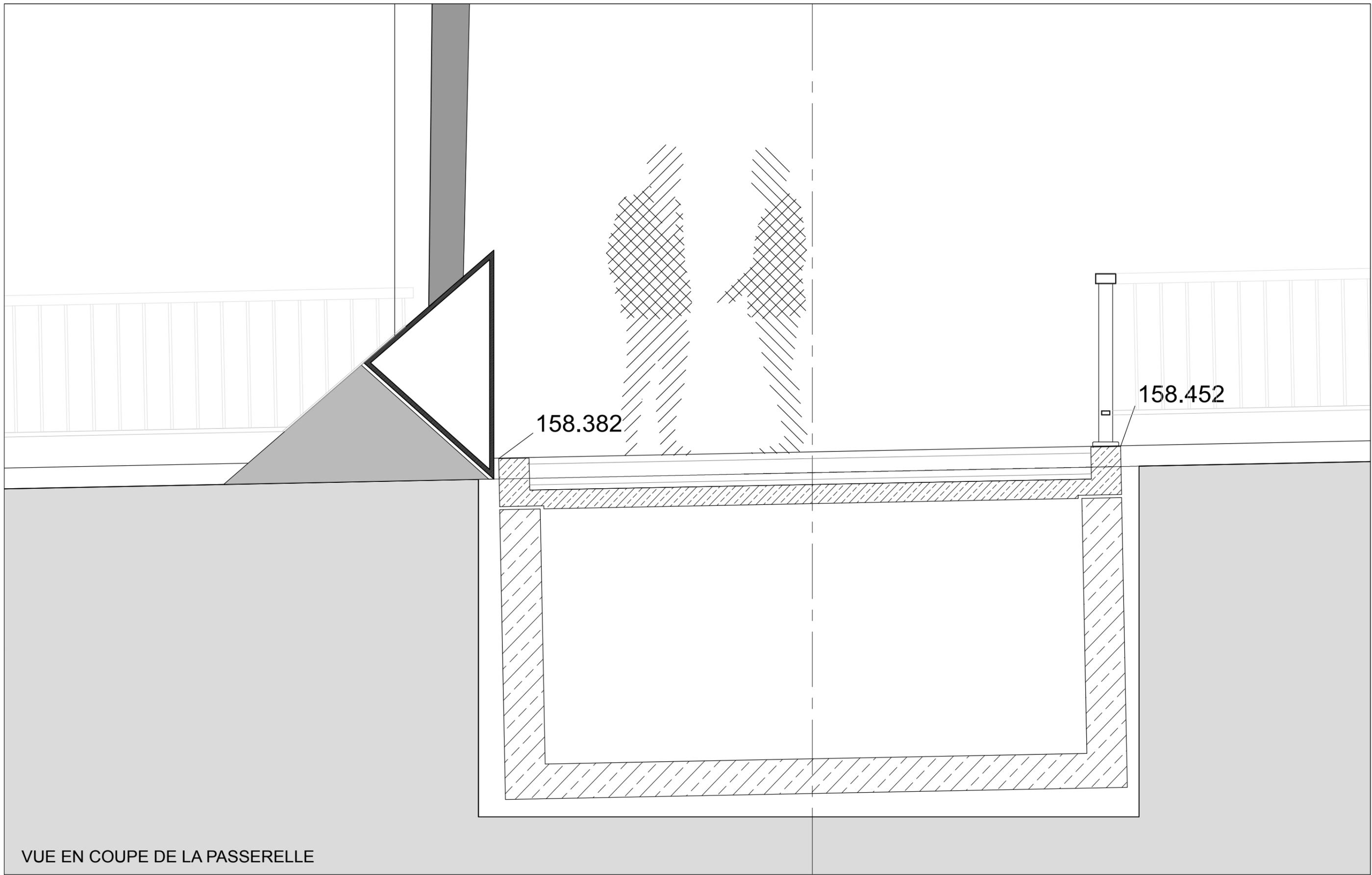


Vue en plan  
Ech. 1:100



CHARLEROI





VUE EN COUPE DE LA PASSERELLE

**RESER  
VOIR  
A**

048V2C\_Aménagement d'entrée de ville La Samaritaine à Charleroi  
VUE DE LA PASSERELLE - DETAIL 04

PHASE  
SOUMISSION

NIVEAU  
-

ZONE  
-

ECHELLE  
1/20

DATE  
08/02/2016

INDICE  
-

PLAN N°  
D04-A



