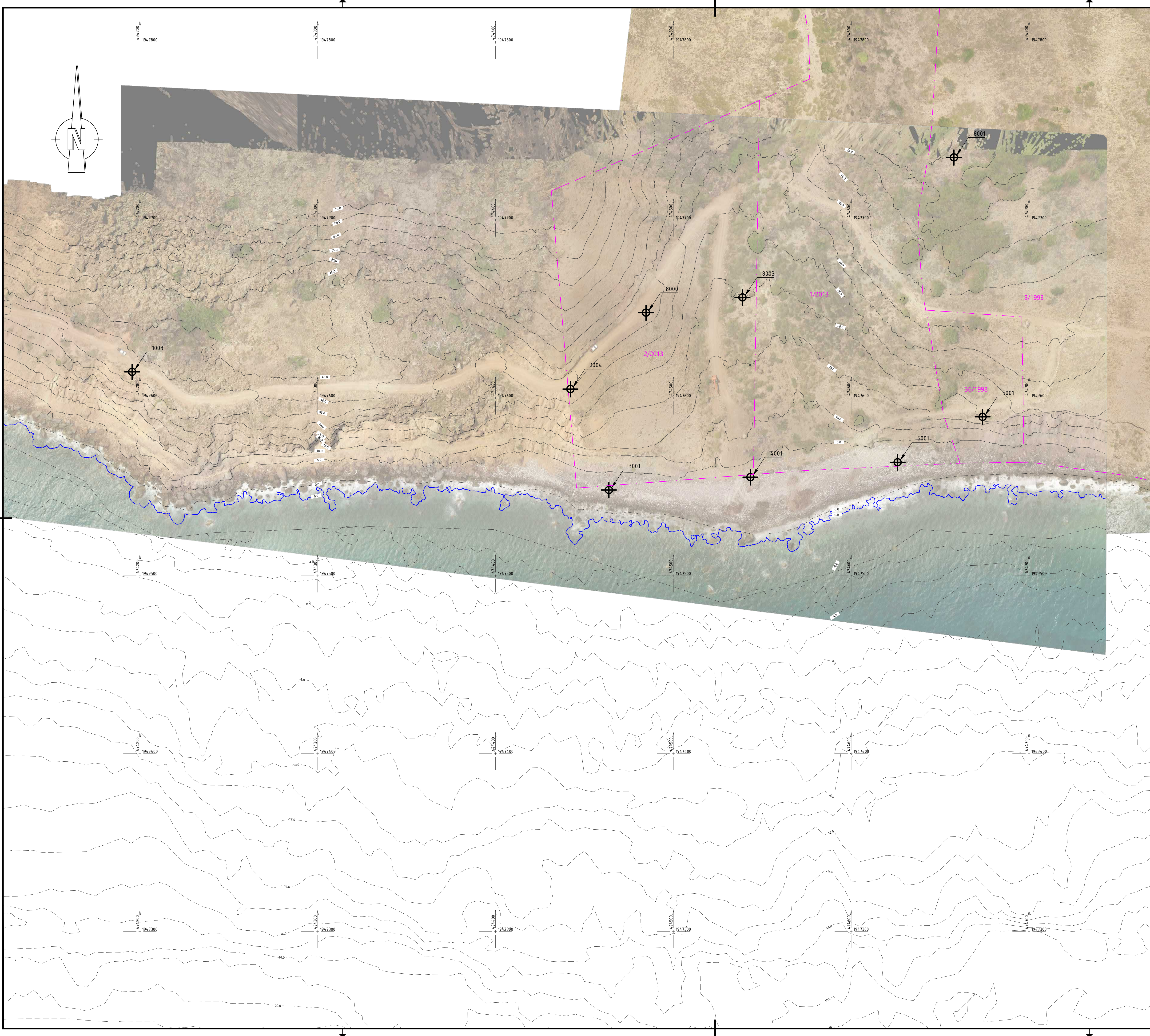
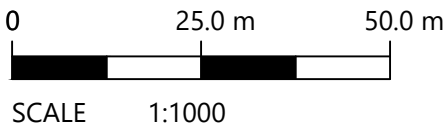




OVERVIEW BENCHMARK POINTS			
BENCHMARKS	EASTING	NORTHING	LEVEL
ID 1003	474195.63	1947614.64	+38.80
ID 1004	474442.11	1947604.98	+34.38
ID 3001	474463.75	1947548.23	+1.48
ID 4001	474543.31	1947555.45	+4.04
ID 5001	474673.90	1947589.36	+20.25
ID 6001	474626.11	1947563.83	+3.42
ID 8000	474484.63	1947647.93	+37.12
ID 8001	474657.77	1947735.22	+54.32
ID 8002	474732.61	1947942.78	+112.28
ID 8003	474538.85	1947656.51	+20.73

- Legend
- Contourlines below sea level
 - Contourlines above sea level
 - Boundaries land-ownership

- Remarks
- All levels are in meters relative to SABA Datum (SB)
 - Source bathymetry : final combined bathymetry.dwg
 - Coordinate system : SABA LIDAR UTM 20Q



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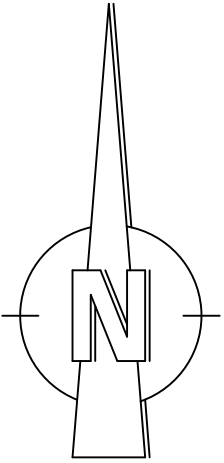
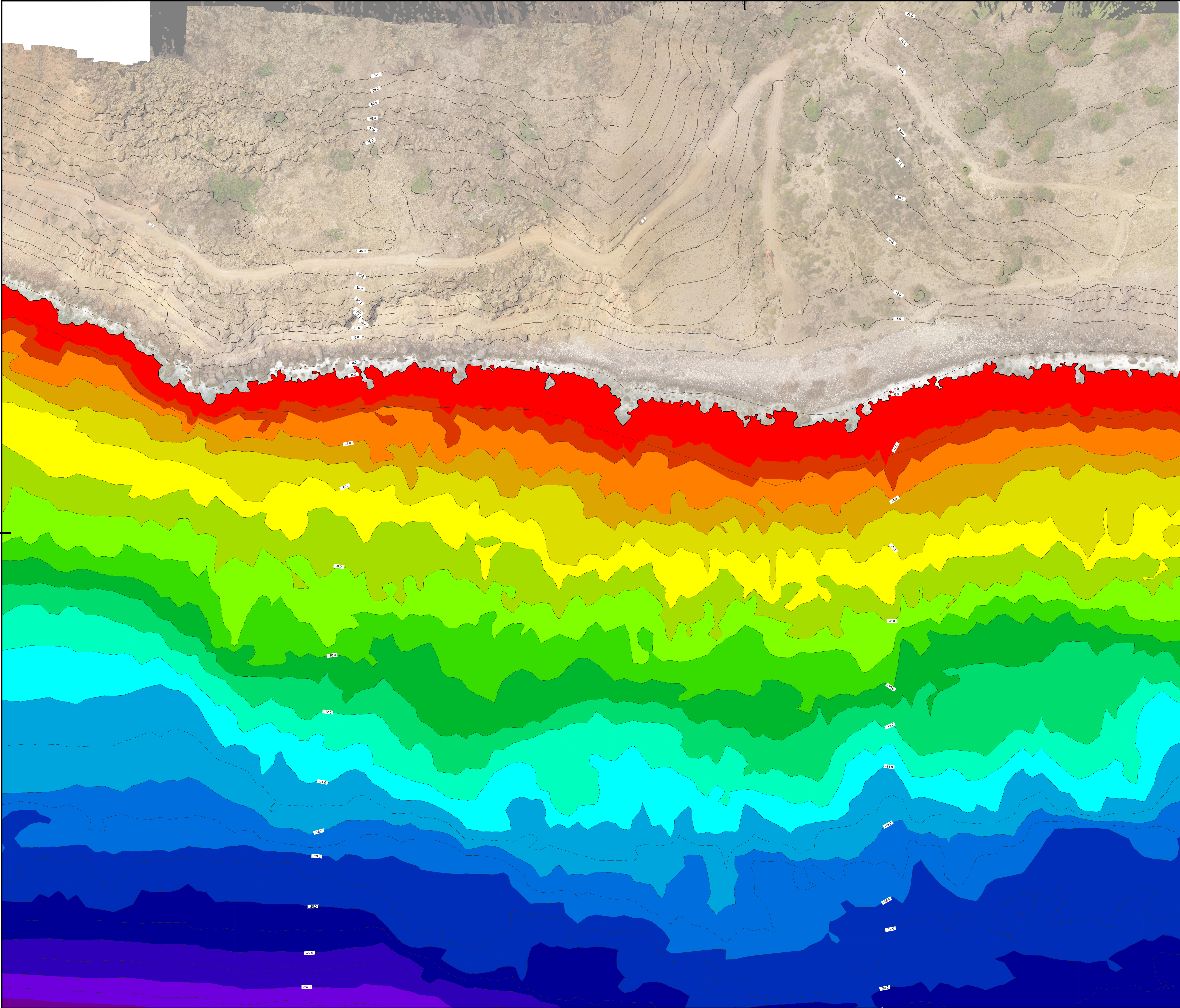
Rev.	Drawn by	Date	Description
A			
B			
C			

Client
Public Entity of Saba/Ministry of Infrastructure and Water Management

Project
Port development Saba

Design phase
Existing situation

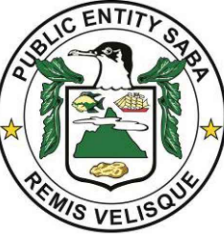
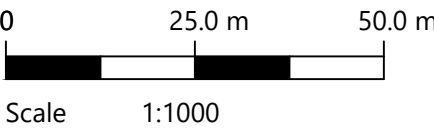
Status	Final	Drawn	H. Voortman	
Date	12-07-2022	Checked	E.L. Jorissen/ A. van den Berg	
Format	Scale	Approved	A. van den Berg	
A1	1:1000	Project code	118421	Drawing number
			2000	Sheet
				1/1



Legend depths		
from	to	
-28.0	-26.0	
-26.0	-24.0	
-24.0	-22.0	
-22.0	-20.0	
-20.0	-18.0	
-18.0	-16.0	
-16.0	-14.0	
-14.0	-13.0	
-13.0	-12.0	
-12.0	-11.0	
-11.0	-10.0	
-10.0	-9.0	
-9.0	-8.0	
-8.0	-7.0	
-7.0	-6.0	
-6.0	-5.0	
-5.0	-4.0	
-4.0	-3.0	
-3.0	-2.0	
-2.0	--	

Remarks

- All levels are in meters relative to SABA Datum (SB)
- Source bathymetry : final combined bathymetry.dwg



Rev.	Drawn by	Date	Description
A			
B			
C			

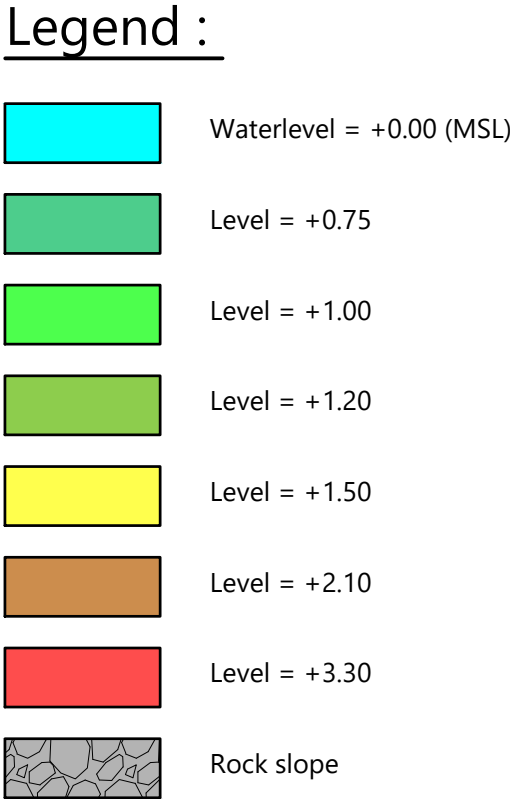
Client
Public Entity of Saba/Ministry of Infrastructure and Water Management

Project
Port development Saba

Description
Design phase

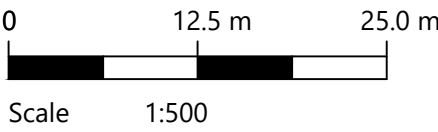
Overview bathymetry

Status	Final	Drawn	H. Voortman	
Date	12-07-2022	Checked	E.L. Jorissen/ A. van den Berg	
Format	A1	Scale	1:1000	
		Project code	118421	
		Drawing number	2001	
		Sheet	1/1	



- All levels are in meters relative to SABA Datum (SB)
- All dimensions are in meters
- Sections see drawing : 118421-2003
- Details and dimensions of boat ramp in separate drawing

The soil shall be improved to prevent liquefaction. For detailed design it is necessary to carry out additional soil investigations to establish the resistance to liquefaction of the subsoil in more detail in order to properly design any required mitigating measures against liquefaction



Rev.	Drawn by	Date	Description
A			
B			
C			

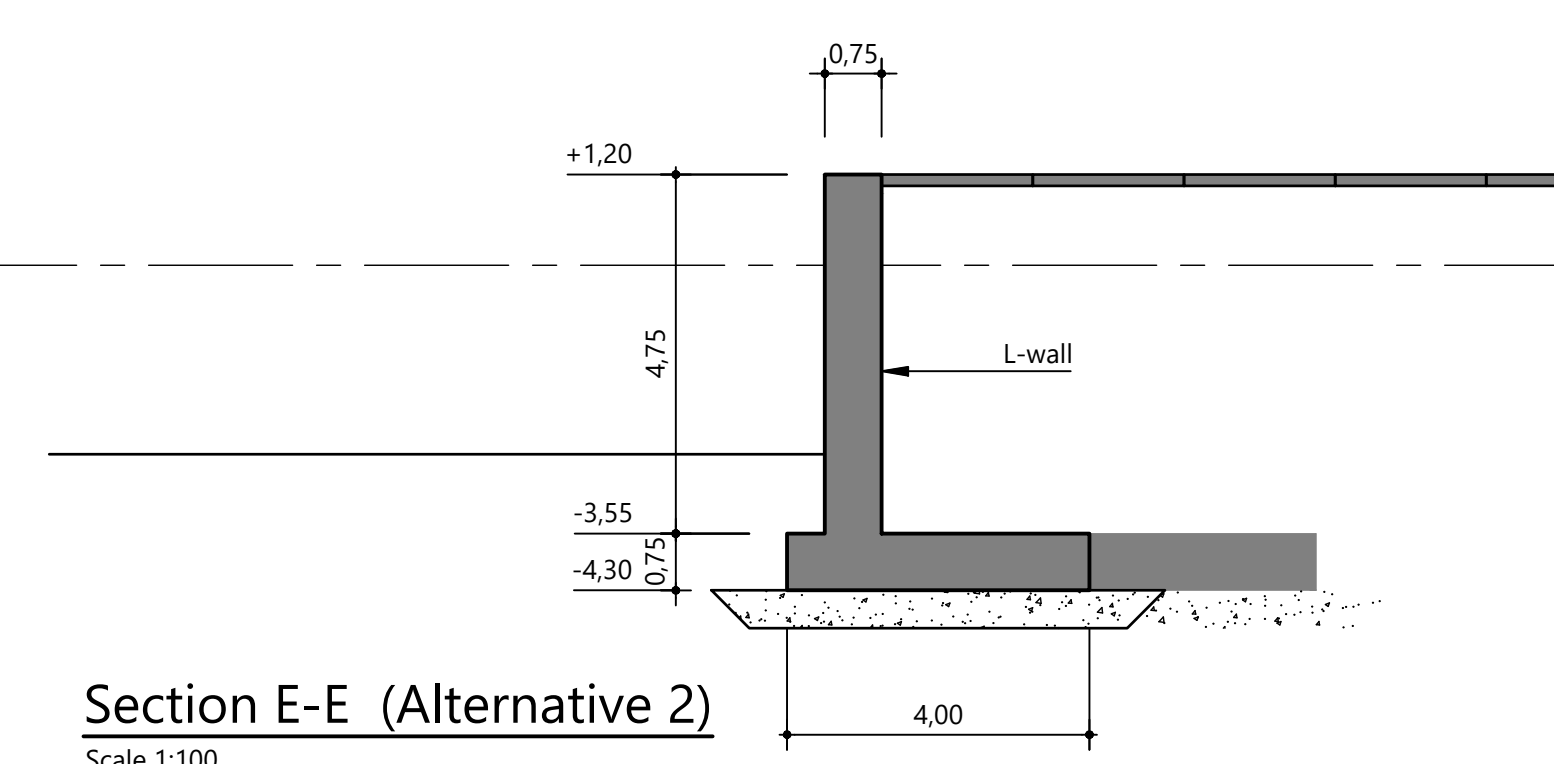
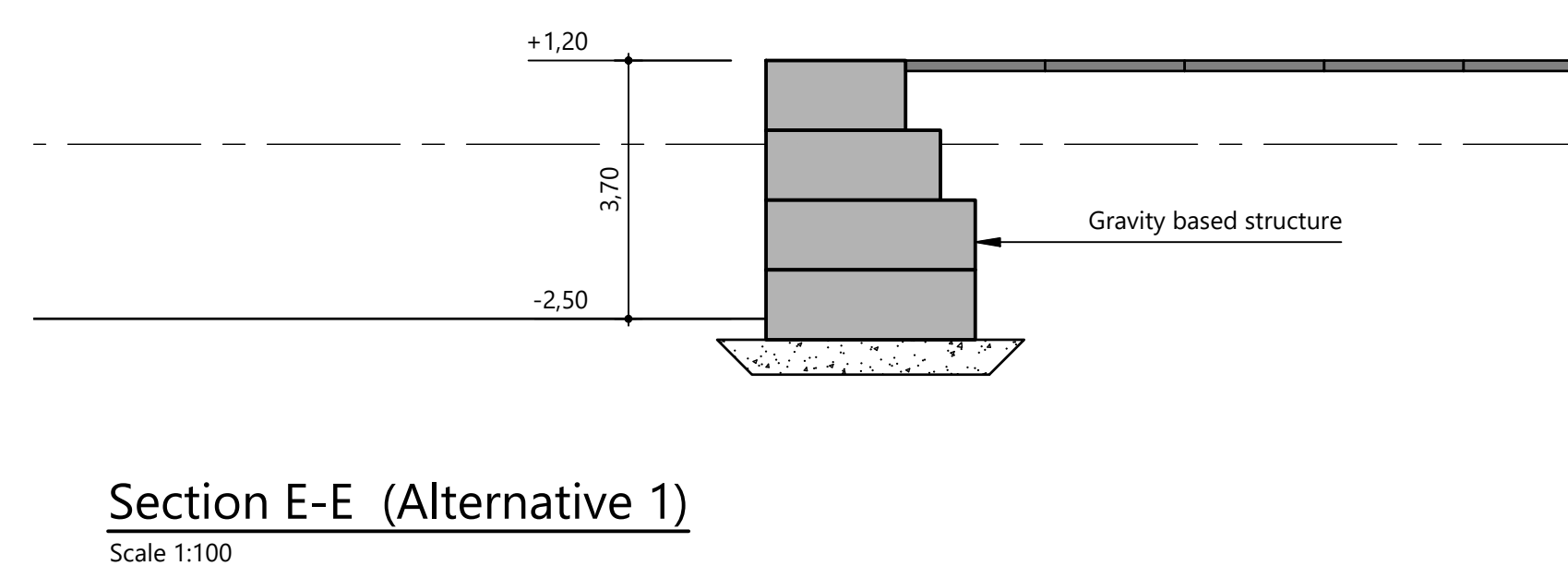
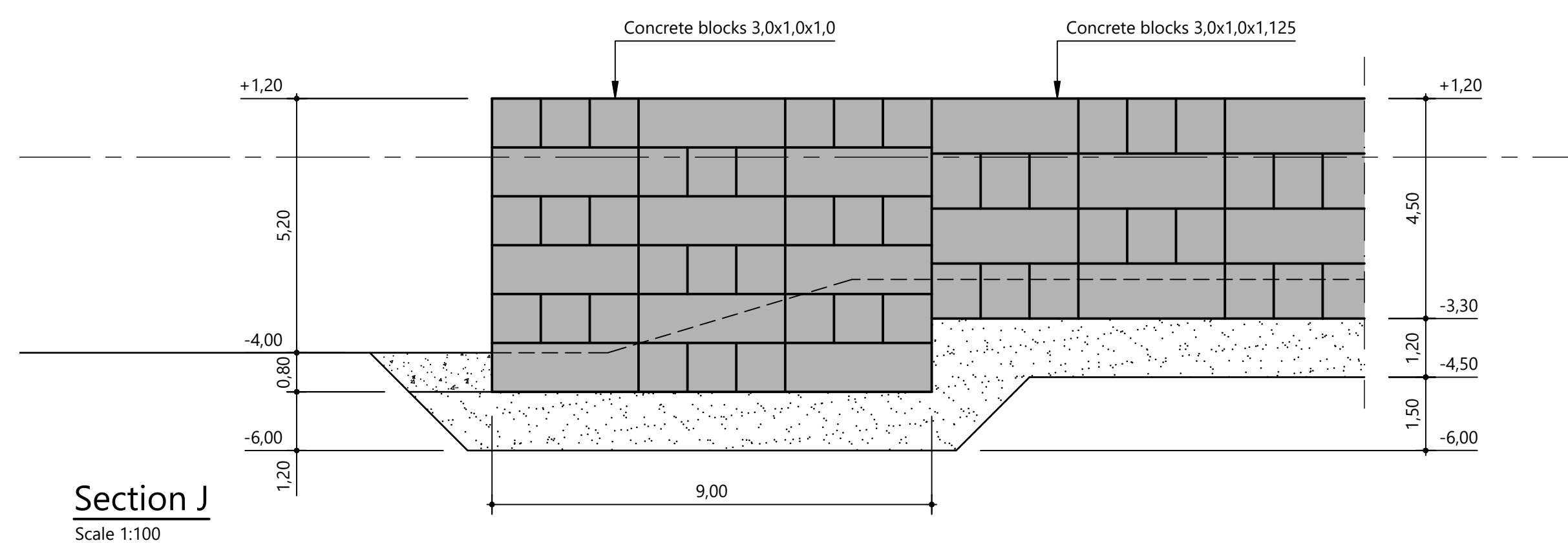
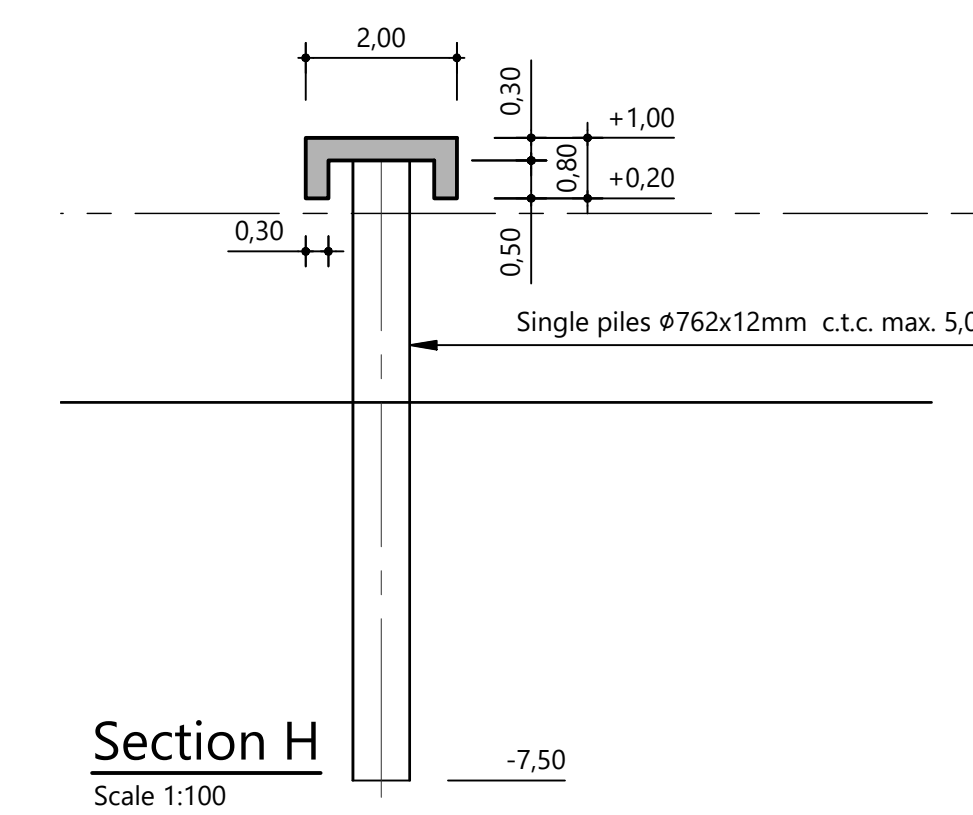
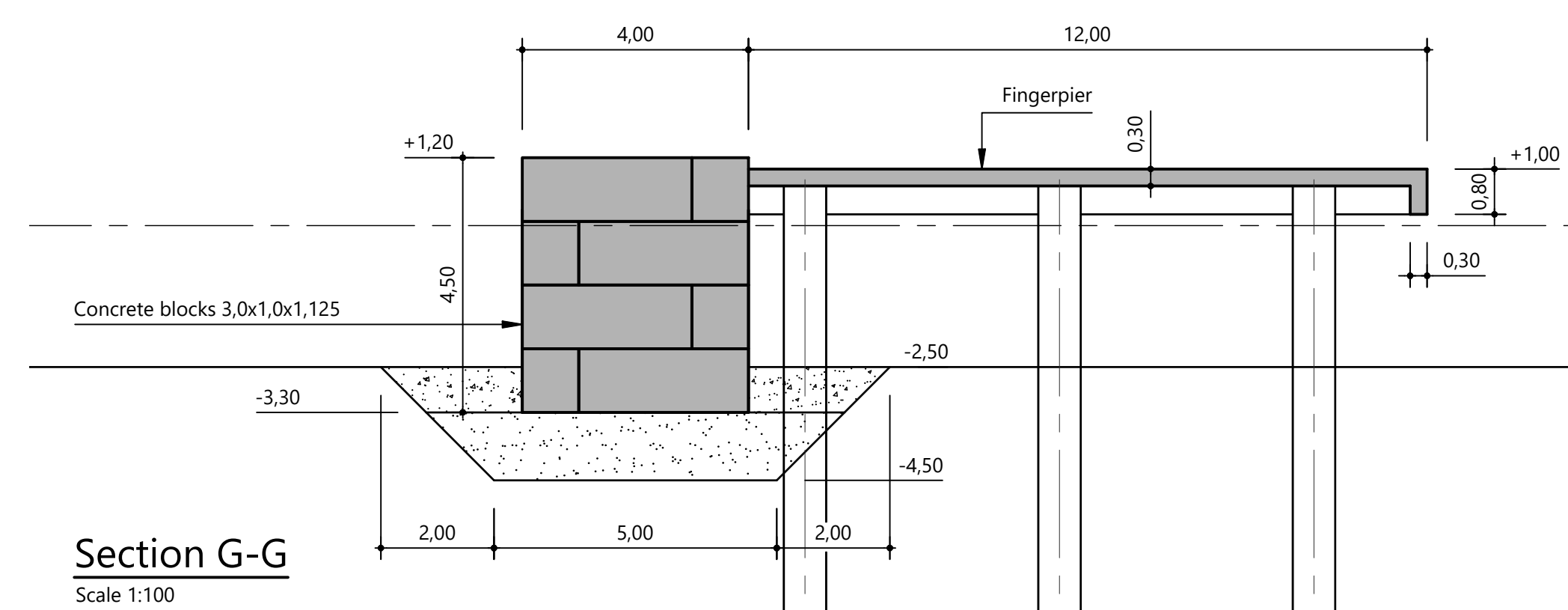
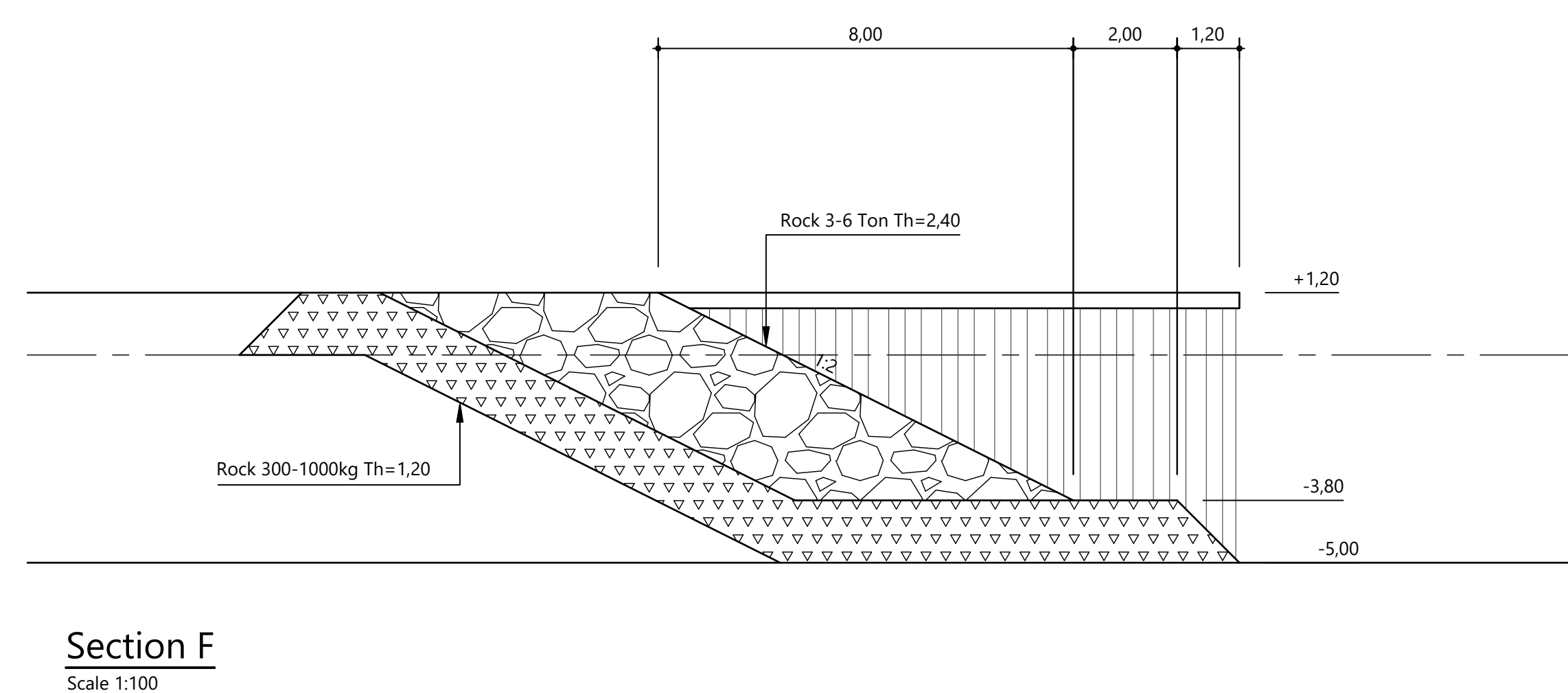
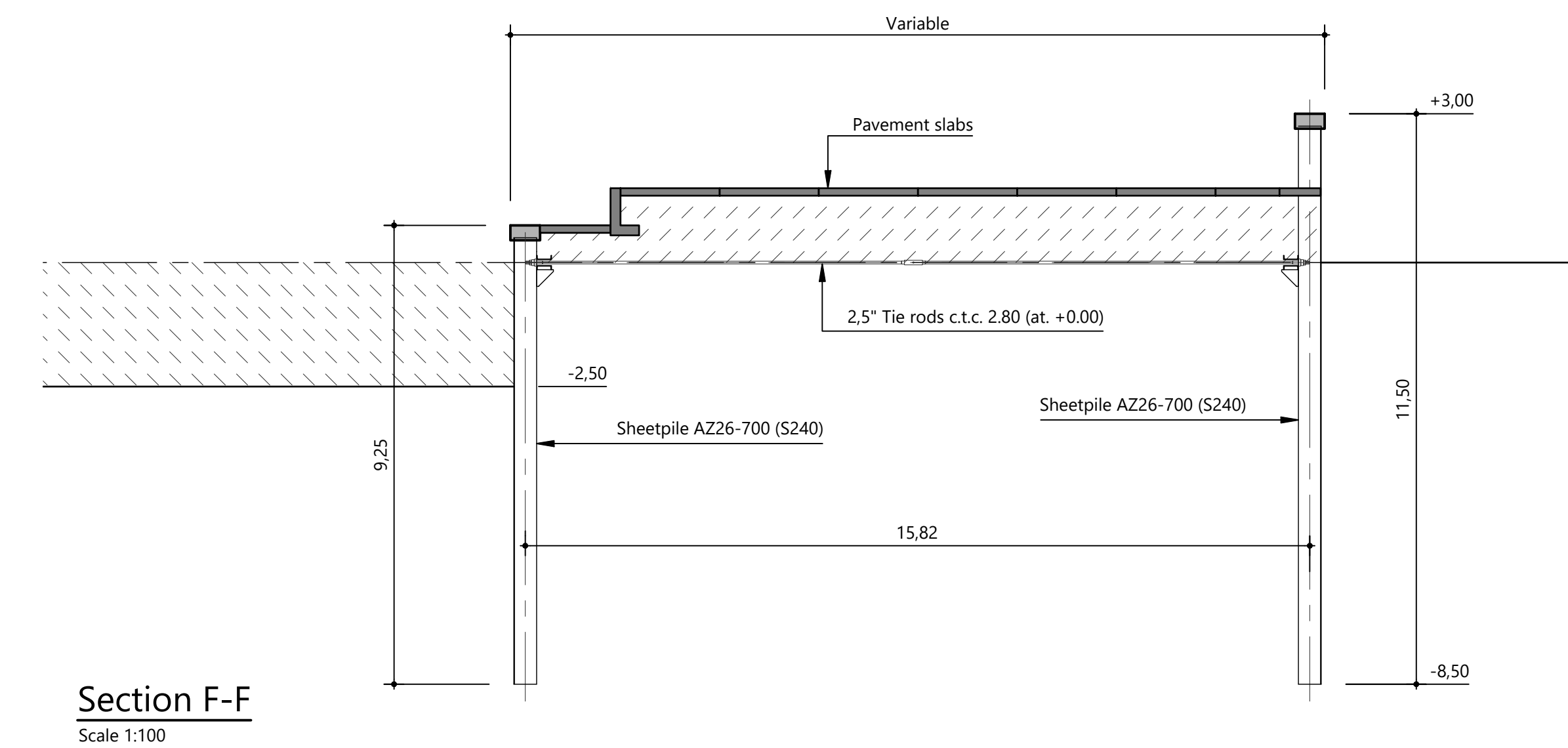
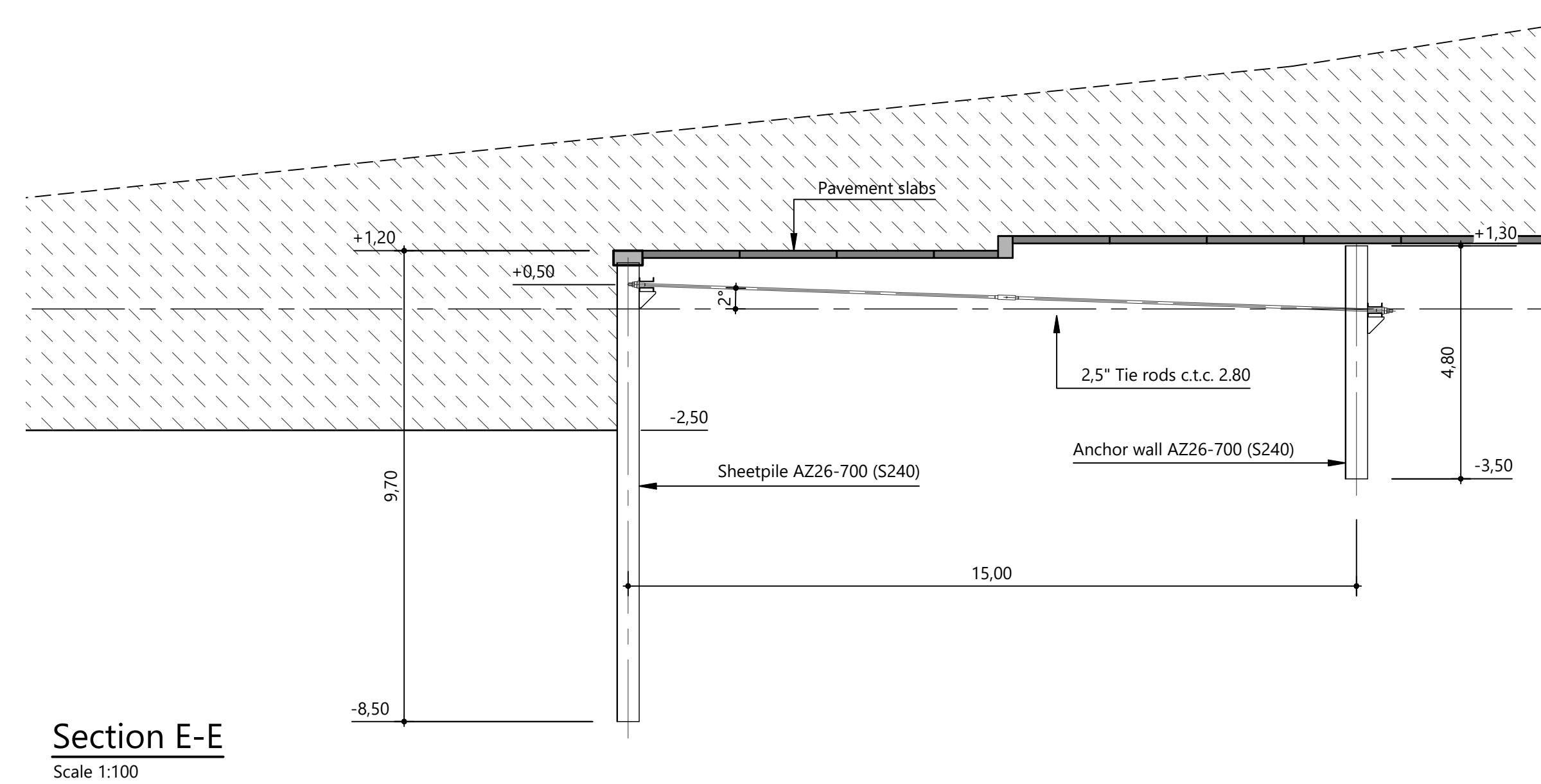
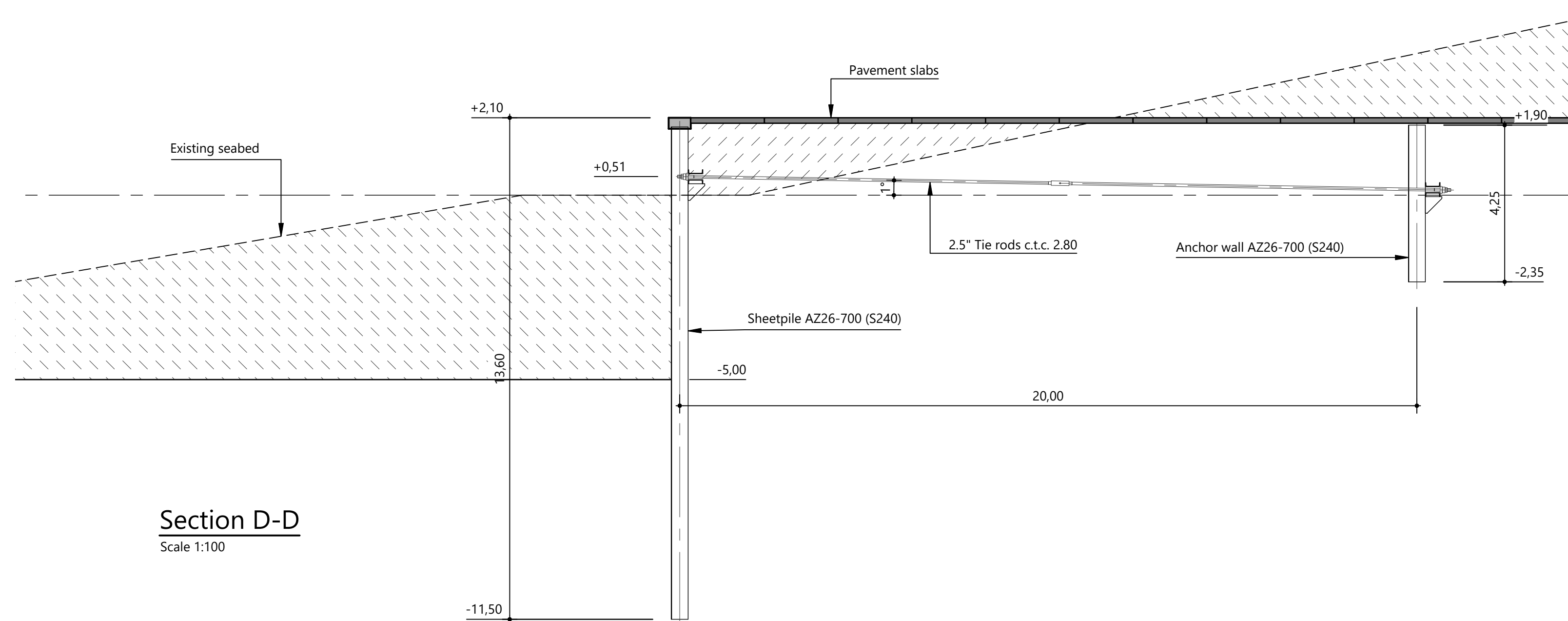
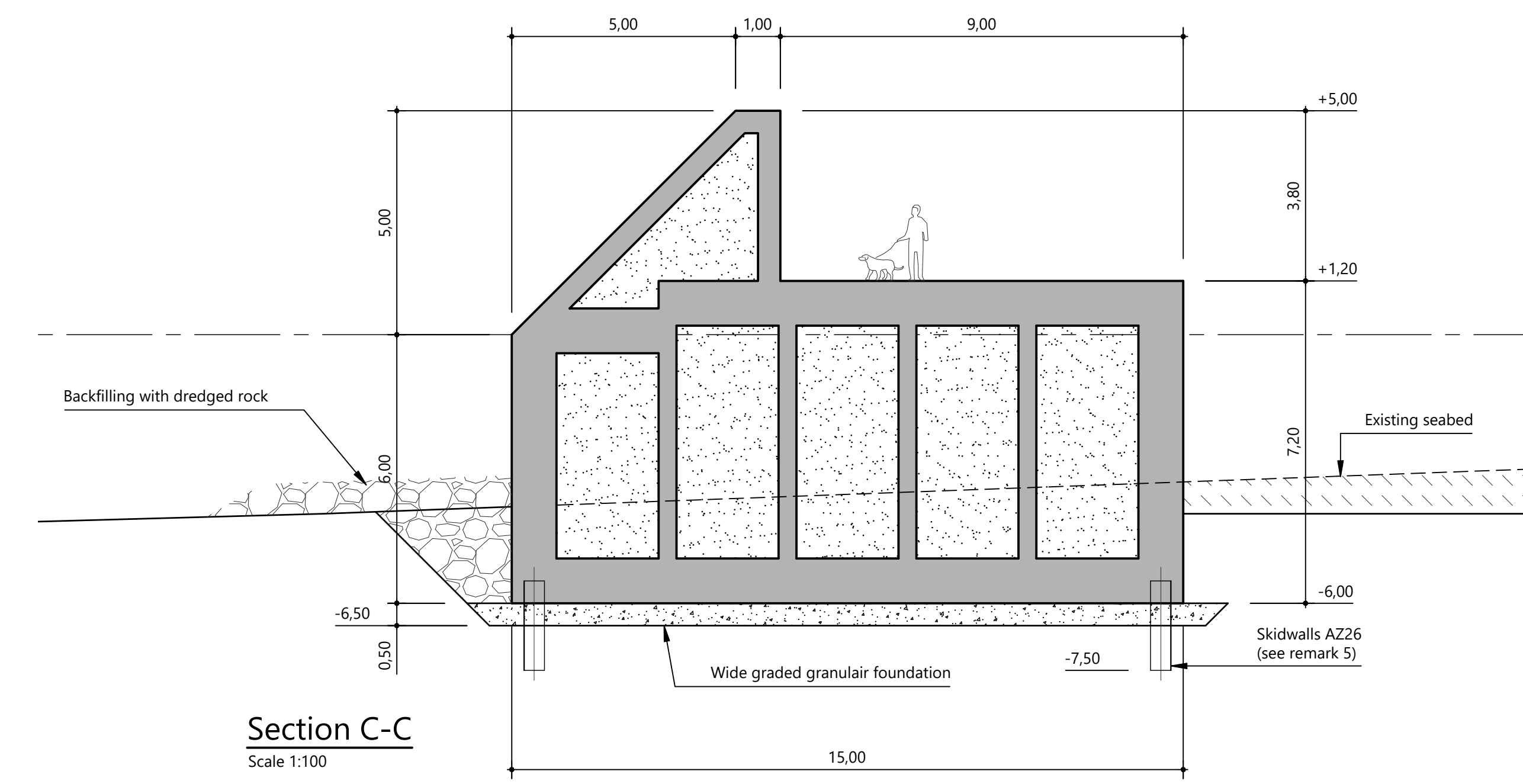
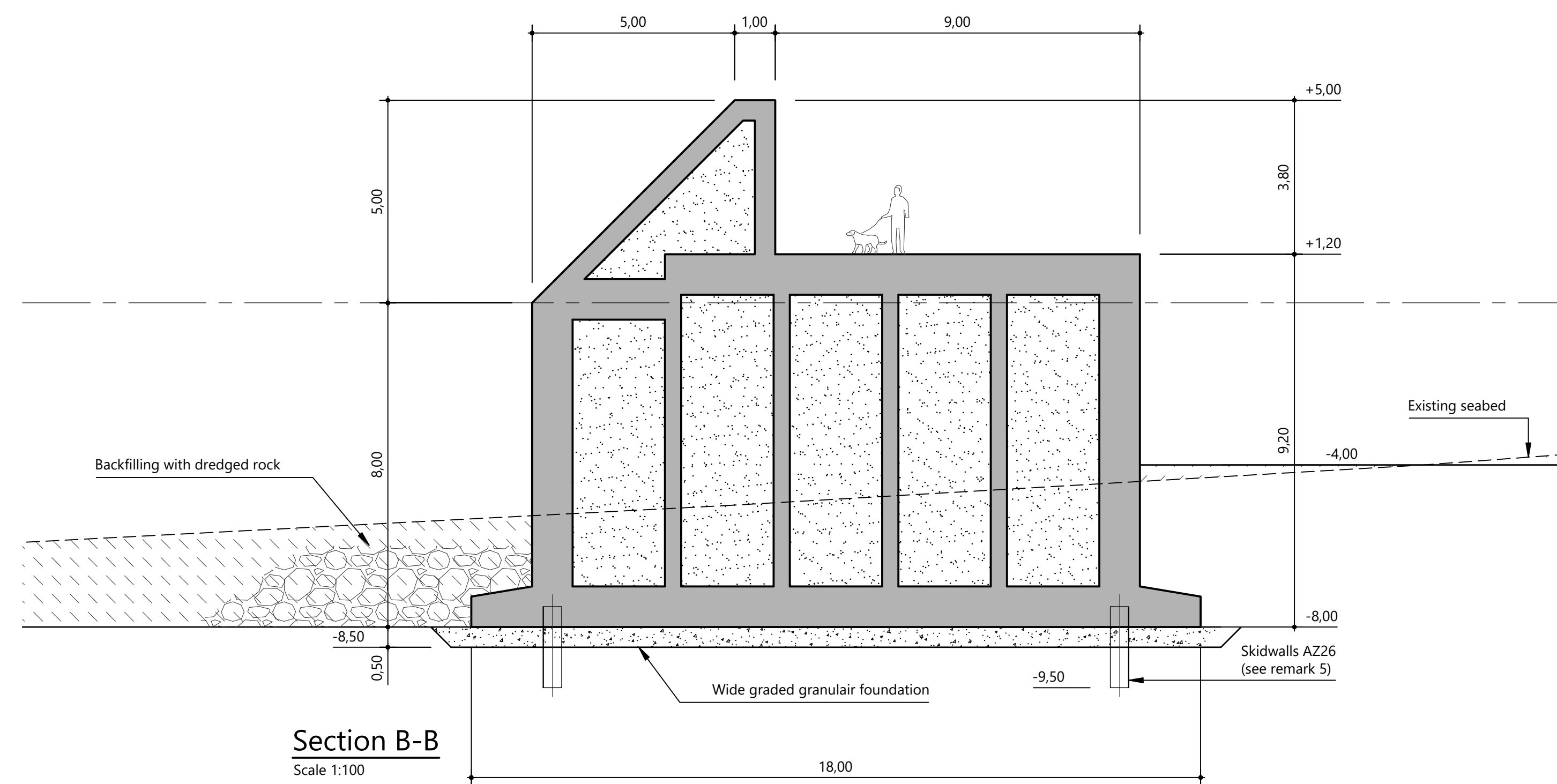
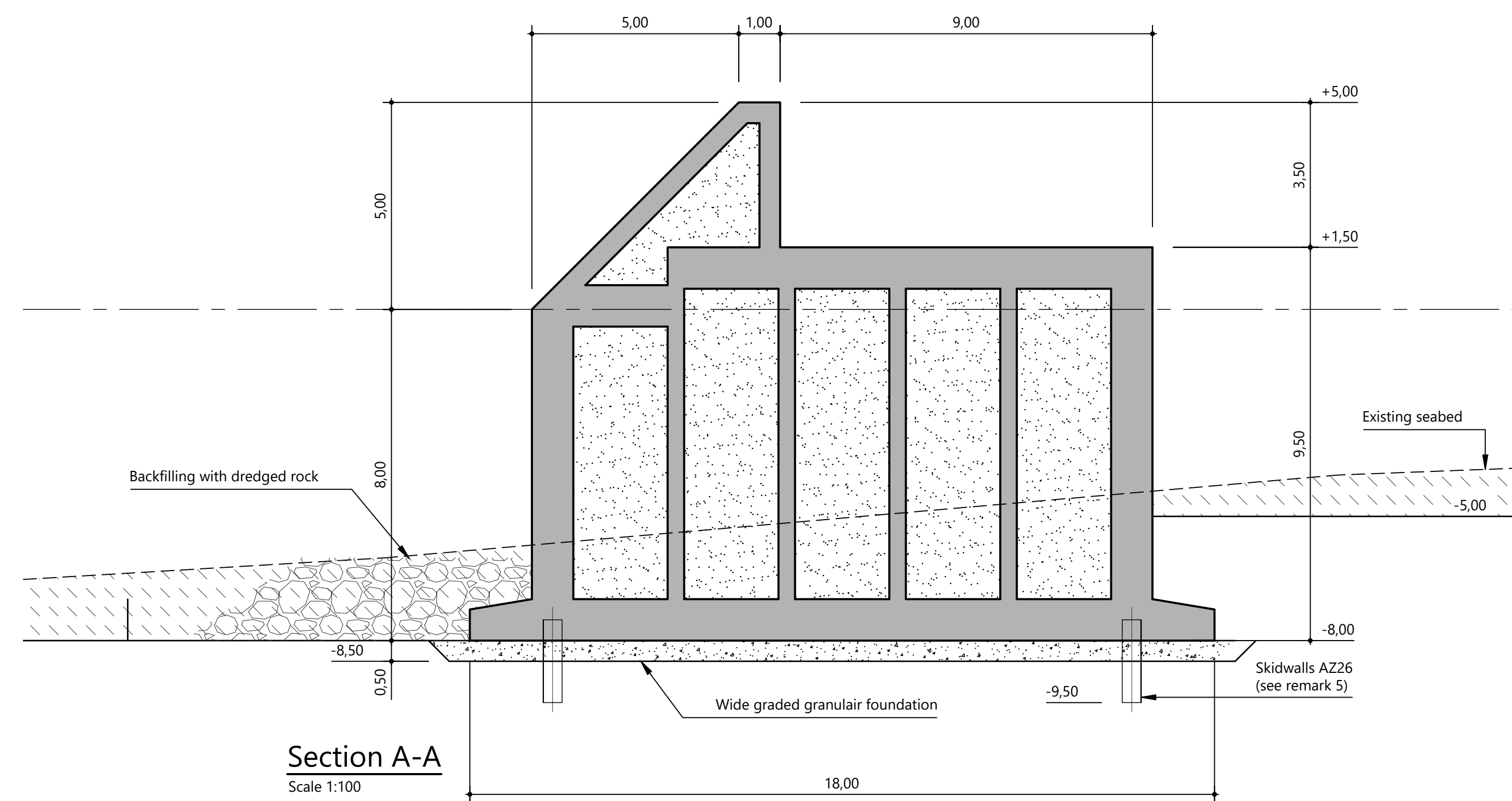
Client
Public Entity of Saba/Ministry of Infrastructure and Water Management

Project
Port development Saba

Design phase

Description
New situation

Status	Final	Drawn	H. Voortman
Date	12-07-2022	Checked	E.L. Jorissen/ A. van den Berg
Format	Scale	Approved	A. van den Berg
A1	1:500	Project code	Drawing number
		118421	Sheet
		2002	1/1

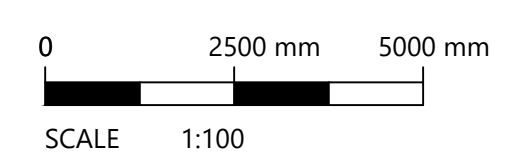


- Legend :

- | | |
|--|-----------------------|
| | Earthworks fill |
| | Earthworks excavation |
| | Granular foundation |
| | Sand |
| | Rock 300-1000 kg |
| | Rock 3-6 Ton |
| | Concrete |

Remarks

1. All levels are in meters relative to SABA Datum (SB)
2. All dimensions are in meters.
3. Location sections see drawing 118421-2002.
4. The soil shall be improved to prevent liquefaction. For detailed design it is necessary to carry out additional soil investigations to establish the resistance to liquefaction of the subsoil in order to be able to order the required mitigating measures against liquefaction.
5. The skirt walls are installed to ensure sufficient (passive) resistance against horizontal sliding of the caisson. Alternative solutions that provide the same additional resistance may be considered by the Contractor (for example: tubular piles driven through the caisson, high-strength caisson filling, ground anchors).
6. Instead of an anchored sheetpile wall, alternative retaining walls may be considered by the Contractor (for example: L-shaped walls, blocks, walls, etc).



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Rev.	Drawn by	Date	Description
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A
BC

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Client
Public Entity of Saba/Ministry of Infrastructure and Water Management

Project

Port development Saba

Design phase

New situation - Sections

Status	Final
Date	12-07-2022

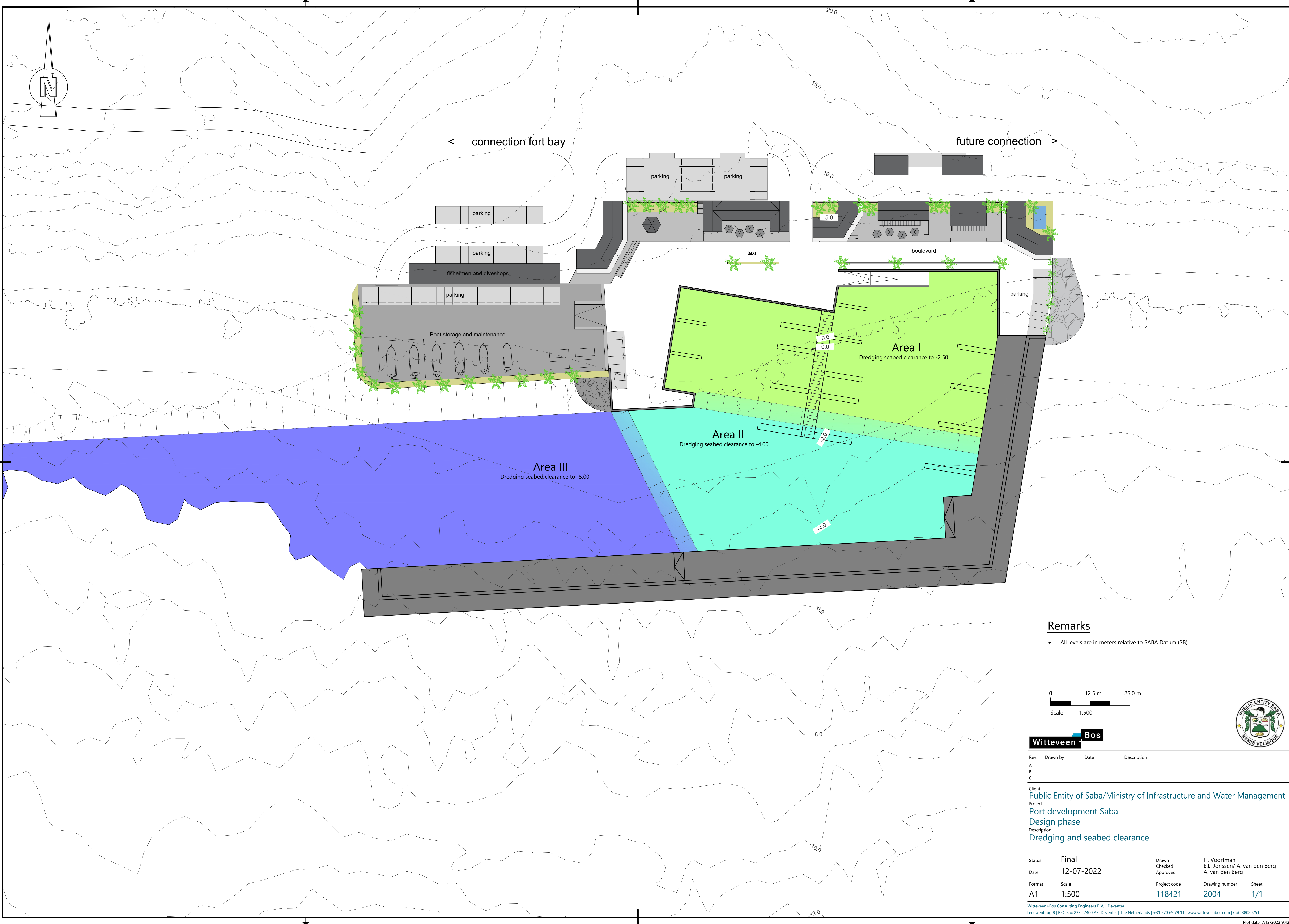
Drawn	H. Voortman
Checked	E.L. Jorissen/ A. van den Berg
Approved	A. van den Berg

Format	Scale
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Project code	Drawing number	Sheet
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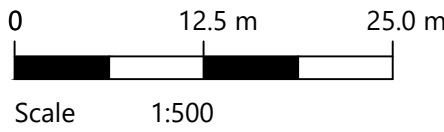
Witteveen+Bos Consulting Engineers B.V. | Deventer
Leeuwenbrug 8 | P.O. Box 233 | 7400 AE Deventer | The Netherlands

Plot date: 7/12/2022 9:41



Remarks

- All levels are in meters relative to SABA Datum (SB)



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Rev.	Drawn by	Date	Description
A			
B			
C			

Client
Public Entity of Saba/Ministry of Infrastructure and Water Management

Project
Port development Saba

Description
Design phase
Dredging and seabed clearance

Status	Final	Drawn	H. Voortman	
Date	12-07-2022	Checked	E.L. Jorissen/ A. van den Berg	
Format	Scale	Approved	A. van den Berg	
A1	1:500	Project code	118421	Drawing number
			2004	Sheet
				1/1