SYMBOLS OF ALTERATIONS

N. STRATIGRAPHIC UNIT	DESCRIPTION OF INTERVENTIONS	CODES
	REPLACEMENT OF THE ROOF COVERING Partial replacement of the roofing with the same material and the same technique of the original covering.	C.1.1 C.1.2 C.1.3 C.1.4 C.1.5
	Roofing with tiles Roofing with tiles	C.1.1
	Roofing with tiles and hydrophobic primer	C.1.2
	Roofing with tiles and waterproof membrane	C.1.3
	Roofing with tiles and thermal insulation	C.1.4
	Roofing with tiles and waterproof membrane and thermal insulation	C.1.5
	REPLACEMENT OF THE WOODEN STRUCTURE OF THE ROOF Replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure.	C.2
	Partial replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure	C.2.1
	Total replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure	C.2.2
	Partial replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure and with the addition of a steel tie rod	C.2.3
	Total replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure and with the addition of a steel tie rod	C.2.4
	Partial replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure and with the addition of a steel tie rod and a concrete ring beam	C.2.5
	Total replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure and with the addition of a steel tie rod and a concrete ring beam	C.2.6
	Total replacement of the wooden structure of the roof with a new one in wood, with the same technique of the original structure and with the addition of a steel tie rod and a concrete ring beam. Top-down roof replacement with the addition of a steel tie rod and a concrete ring beam	C.2.7
	STRUCTURAL CRACKS	
	Repair of cracks and lesions in the masonry	C.3.1/C.3.2
	Repair of cracks and lesions in the masonry with the addition of a steel tie rod	C.3.3/C.3.4
	Repair of cracks and lesions in the masonry with the addition of a steel tie rod and a concrete ring beam	C.3.5/C.3.6
	Repair of cracks and lesions in the masonry with the addition of a steel tie rod and a concrete ring beam. Top-down repair	C.3.7/C.3.8
	REPLACEMENT OF MASONRY	
	Partial replacement of the masonry	C.4.1/C.4.2
	Total replacement of the masonry	C.4.3/C.4.4
	Partial replacement of the masonry with the addition of a steel tie rod	C.4.5/C.4.6
	Total replacement of the masonry with the addition of a steel tie rod	C.4.7/C.4.8
	Partial replacement of the masonry with the addition of a steel tie rod and a concrete ring beam	C.4.9/C.4.10
	Total replacement of the masonry with the addition of a steel tie rod and a concrete ring beam	C.4.11/C.4.12
	Total replacement of the masonry with the addition of a steel tie rod and a concrete ring beam. Top-down replacement	C.4.13/C.4.14
	REPLACEMENT OF WOODEN ELEMENTS	
	Partial replacement of the wooden floors	C.5.1/C.5.2
	Total replacement of the wooden floors	C.5.3/C.5.4
	Partial replacement of the wooden floors with the addition of a steel tie rod	C.5.5/C.5.6
	Total replacement of the wooden floors with the addition of a steel tie rod	C.5.7/C.5.8
	Partial replacement of the wooden floors with the addition of a steel tie rod and a concrete ring beam	C.5.9/C.5.10
	Total replacement of the wooden floors with the addition of a steel tie rod and a concrete ring beam	C.5.11/C.5.12
	Total replacement of the wooden floors with the addition of a steel tie rod and a concrete ring beam. Top-down replacement	C.5.13/C.5.14

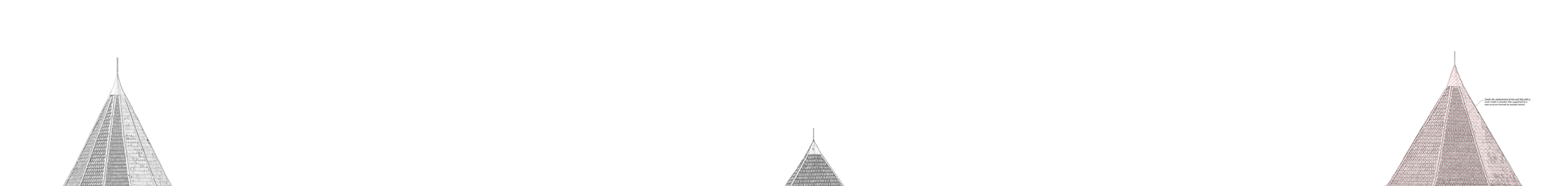
GENERAL INSTRUCTIONS

1. The cleaning by all methods of the crag-like stone elements present on the surfaces. These surface removal, in extent, percentage of the area to be treated. **The price of the cleaning by all methods of the crag-like stone elements** present on the surfaces. These surface removal, in extent, percentage of the area to be treated, **must be approved by the supervising authority**.

2. **All the surfaces, of the external wall of the western tower to bastion no.4**, before having each and undertook to approve by the same manager and SDET are not enough.

3. It is strictly forbidden to use cementitious materials or materials based on cement or with small traces of cement.

4. The contractor must update the BIM model with all the data relating to the state of conservation and the work carried out, in order to deliver to the contracting authority an "as built" final model.



N

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EUROPEAN UNION
UNITED NATIONS DEVELOPMENT PROGRAMME

EUROPEAN UNION
EUROPEAN NEIGHBOURHOOD INSTRUMENT

EaSI European Union Delegation to Moldova through its operational contractor UNDP

Technical Expertise and develop Detailed Technical Designs for
CONSERVATION AND RESTORATION WORKS OF BENDER FORTRESS (Phase I)

DETAILED TECHNICAL DESIGN

TEAM LEADER

Studio Berlucchi srl
Arch. Eng. Nicola Berlucchi - Eng. Nicola Fumagalli

Via Cavour, 2
22074 Lomazzo (CO) - Italy
www.studioberlucchi.it

INTERNATIONAL EXPERTS

Prof. Donatella Fiorani
Conservation expert

Prof. Carlo Blasi
Structure restoration expert

Arch. Jeyhan Cerrahoğlu
Certified Civil Architect
Conservation Expert

LOCAL EXPERTS

Eng. Stanislav Cimbalaru
Certified Civil Engineer
Structural Expert

GEOSERV srl
Archaeological Survey

SOPRO srl
Engineering and analysis

Arch. Carlotta Cocco
GIS, HS Expert

Arch. Camil-Ion Petreanu
Assistant Axial Architect

Eng. Eugheni Galai
Assistant Axial Engineer

Dr Sergiu Musteața
Archaeologist

Dr Ilgvi Nicoara
Biologist

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0	01.2020	1st issuance	CCOL, PFI, ACC, Eng.
1	04.2021	1st update	CCOL, PFI, ACC, Eng.

RESTORATION INTERVENTIONS
External Elevation | Towers 4b-4A wall Front

SCALE	DRAWING NUMBER	REVISION
1:50	C226 - P ER 002	1

DRAWN STAMP AND SIGNATURE

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