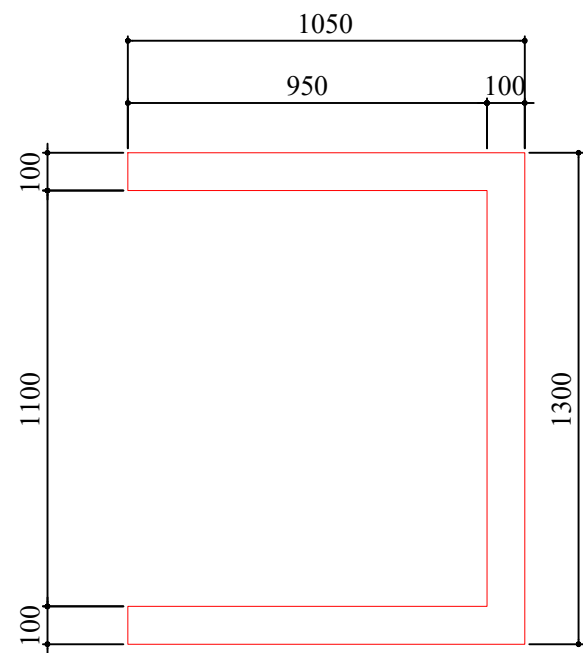
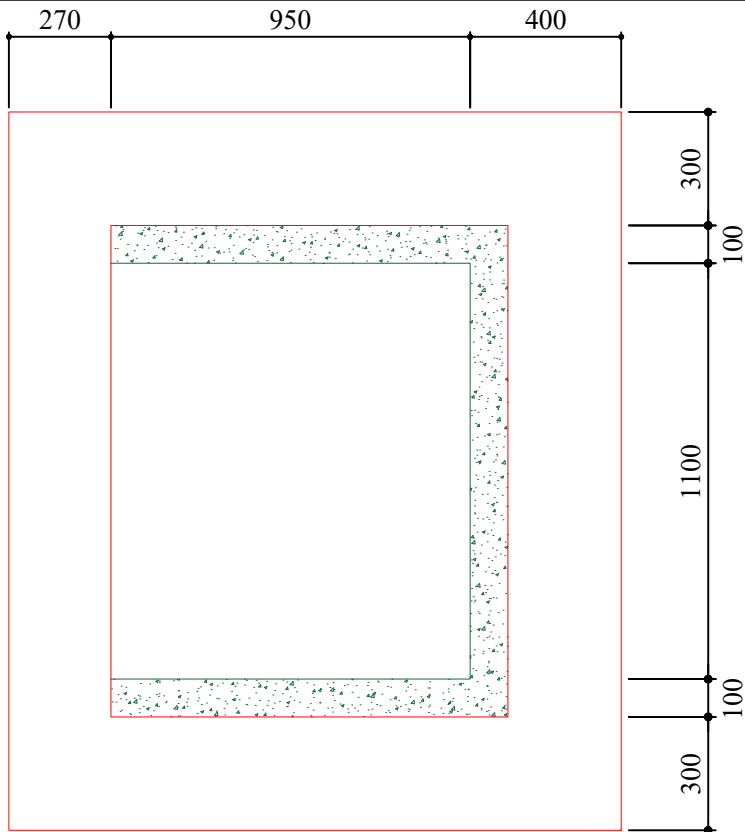


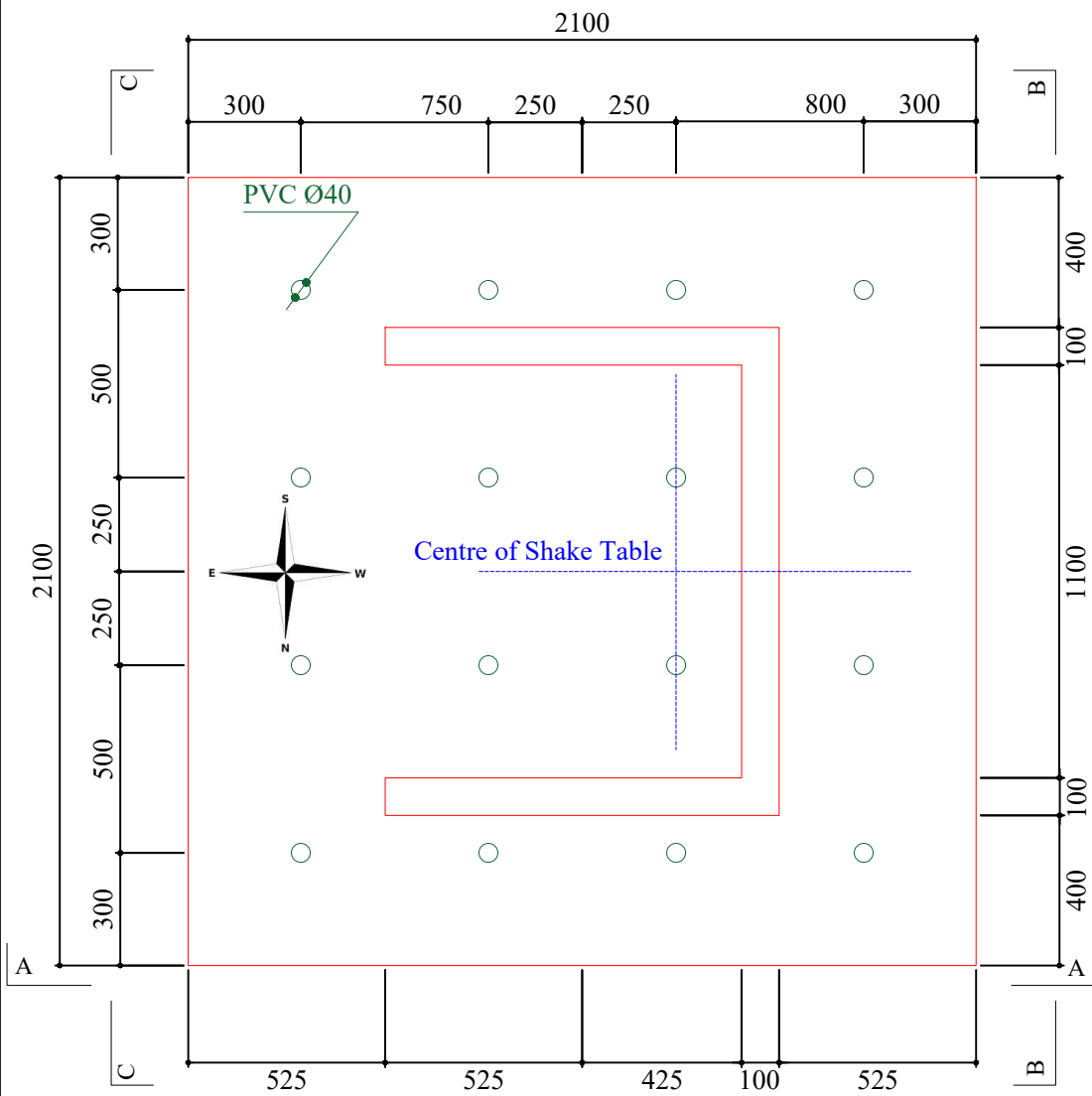
Wall - Plan 1 - 1:20



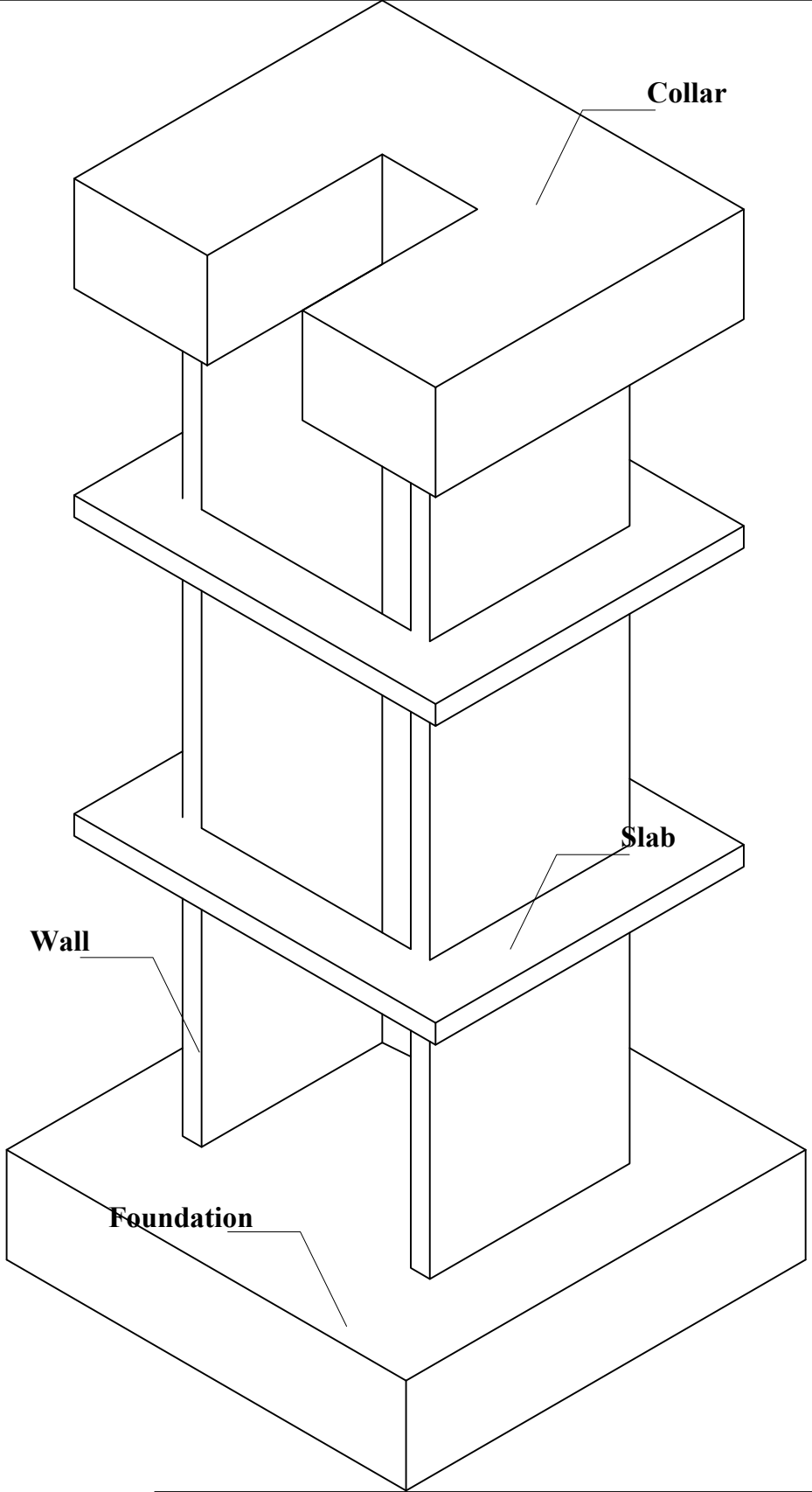
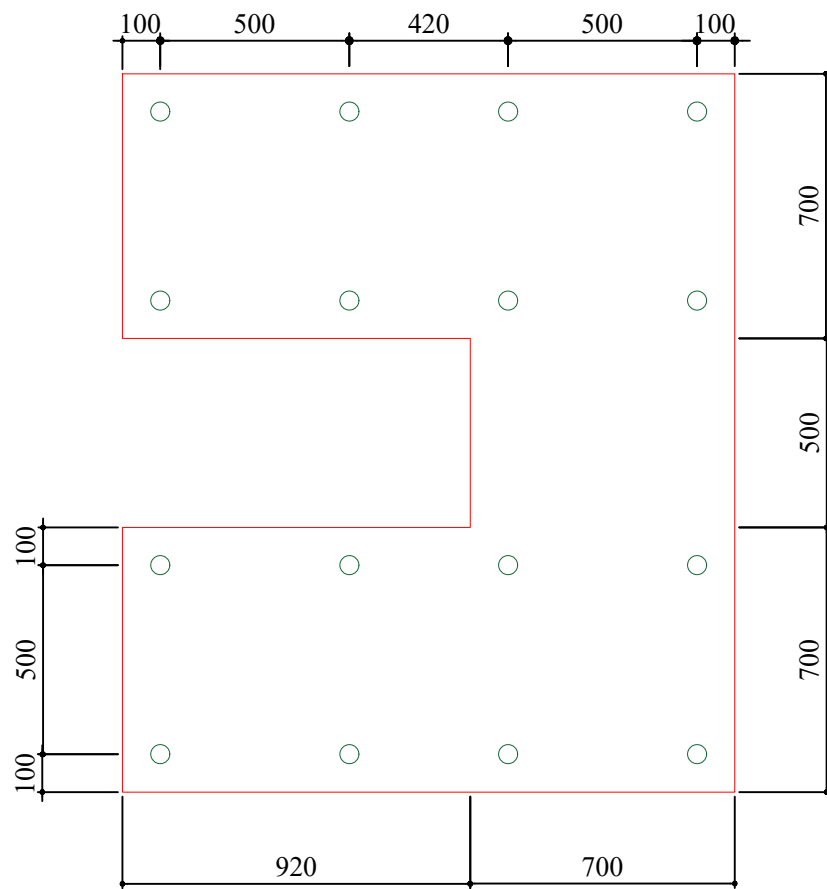
Slab - Plan 2 - 1:20



Foundation - Plan 3 - 1:20



Collar - Plan 4 - 1:20

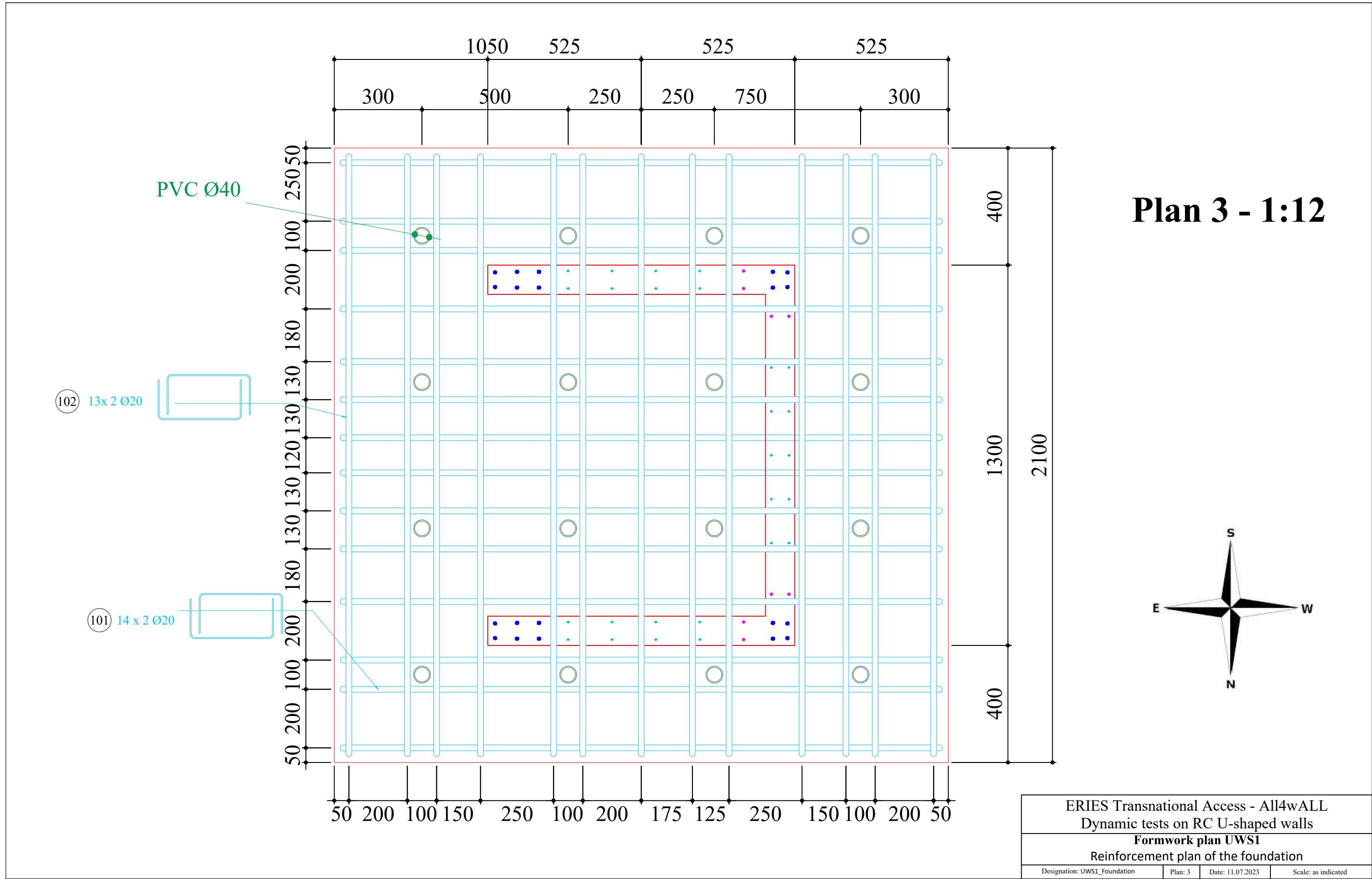


ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Isometric view and plans of the specimen			
Designation: UWS1_PlansGlobal	Plan: 1	Date: 11.07.2023	Scale: as indicated

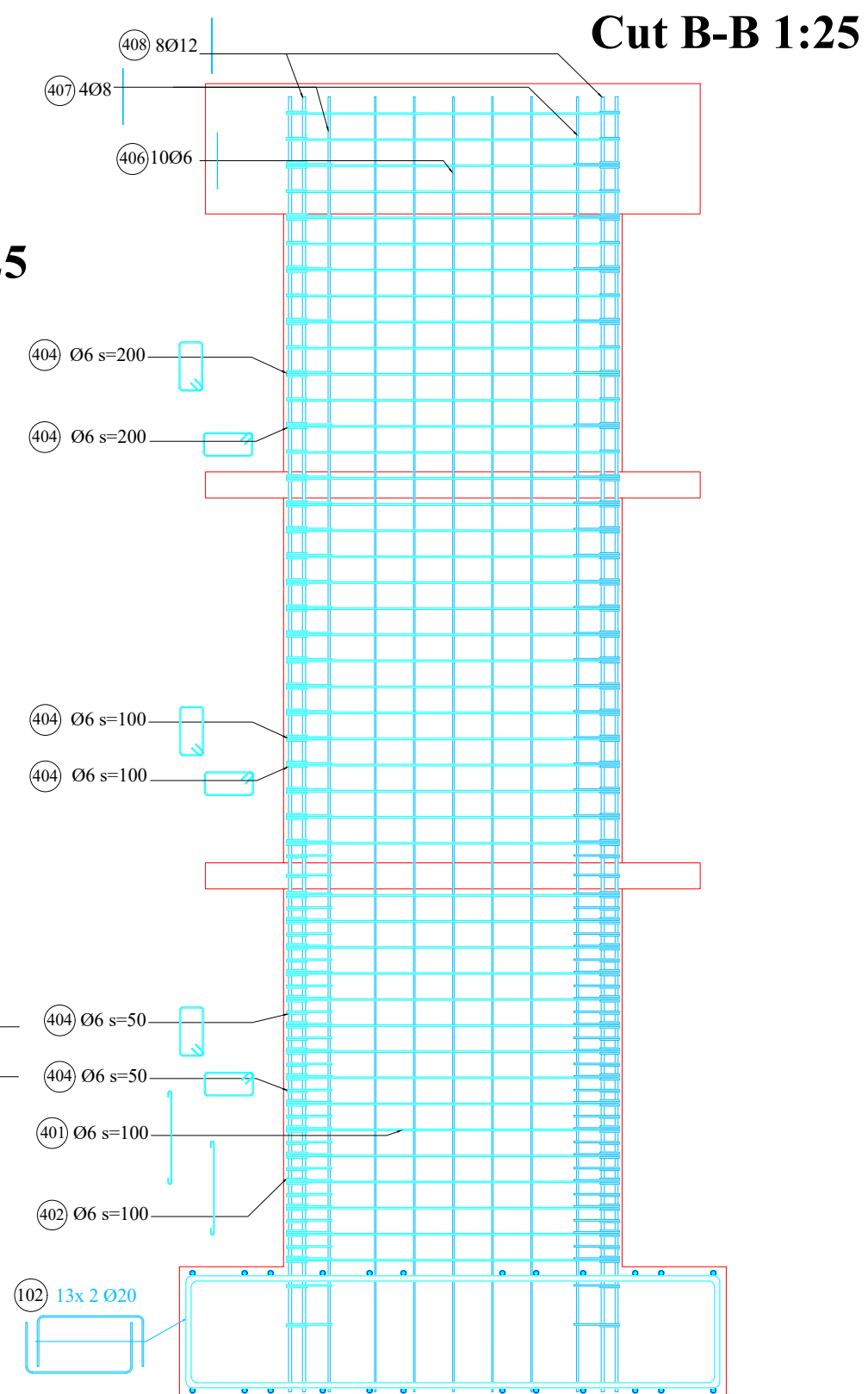
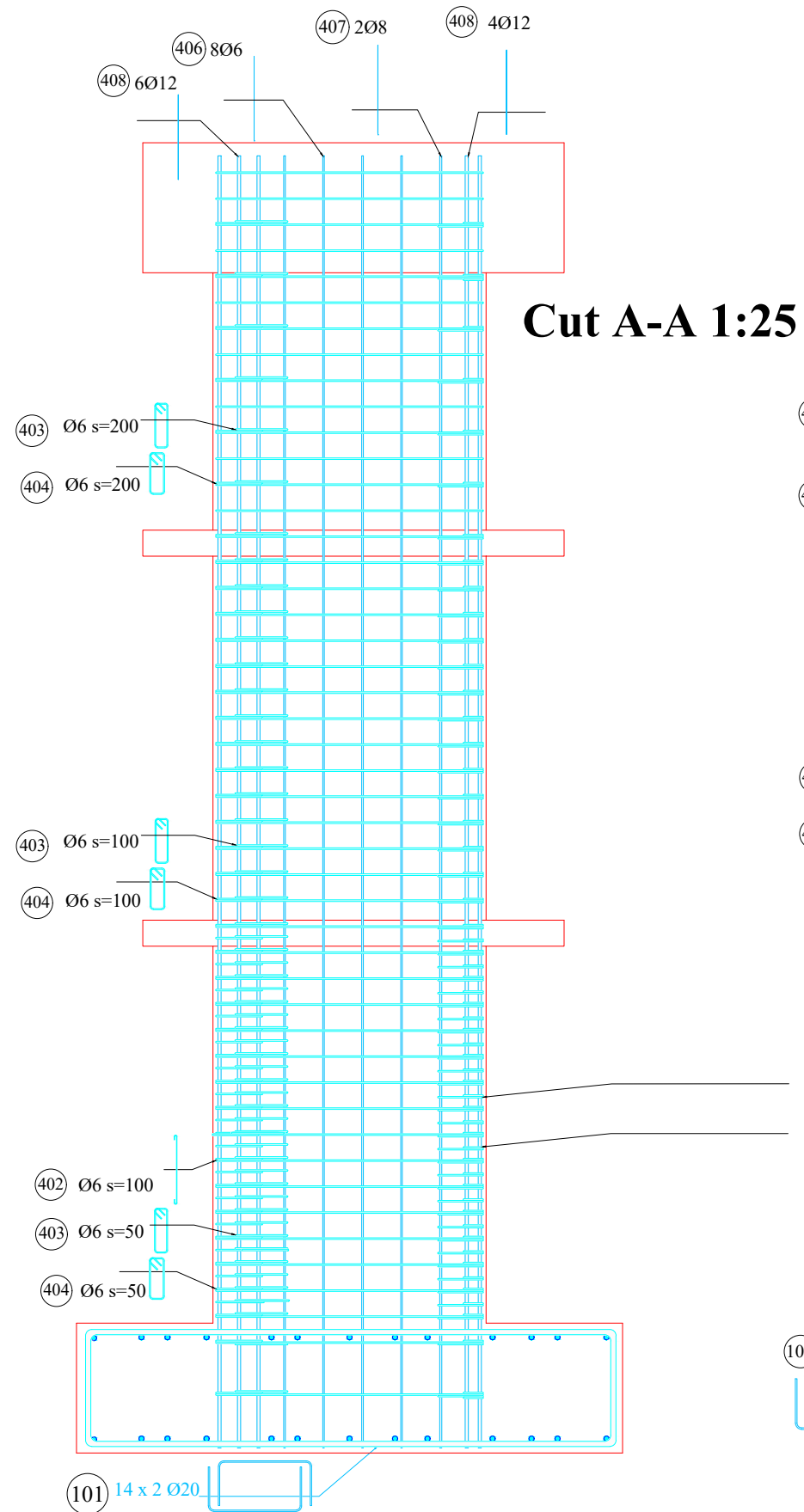
Technical drawing of a symmetrical stepped profile. The drawing consists of three main horizontal sections connected by vertical lines. The top section has a total width of 1900, with segments of 100, 500, 700, 500, and 100. The middle section has a total width of 1300, with segments of 400, 500, 500, 500, and 400. The bottom section has a total width of 1300, with segments of 400, 500, 500, 500, and 400. The profile is symmetrical about a central vertical axis.

**Formwork plan UWS1**  
Lateral view of specimen

Scale: as indicated



**Plan 3 - 1:12**



ERIES Transnational Access - All4wALL  
Dynamic tests on RC U-shaped walls

**Formwork plan UWS1**  
Reinforcement detailing of wall unit

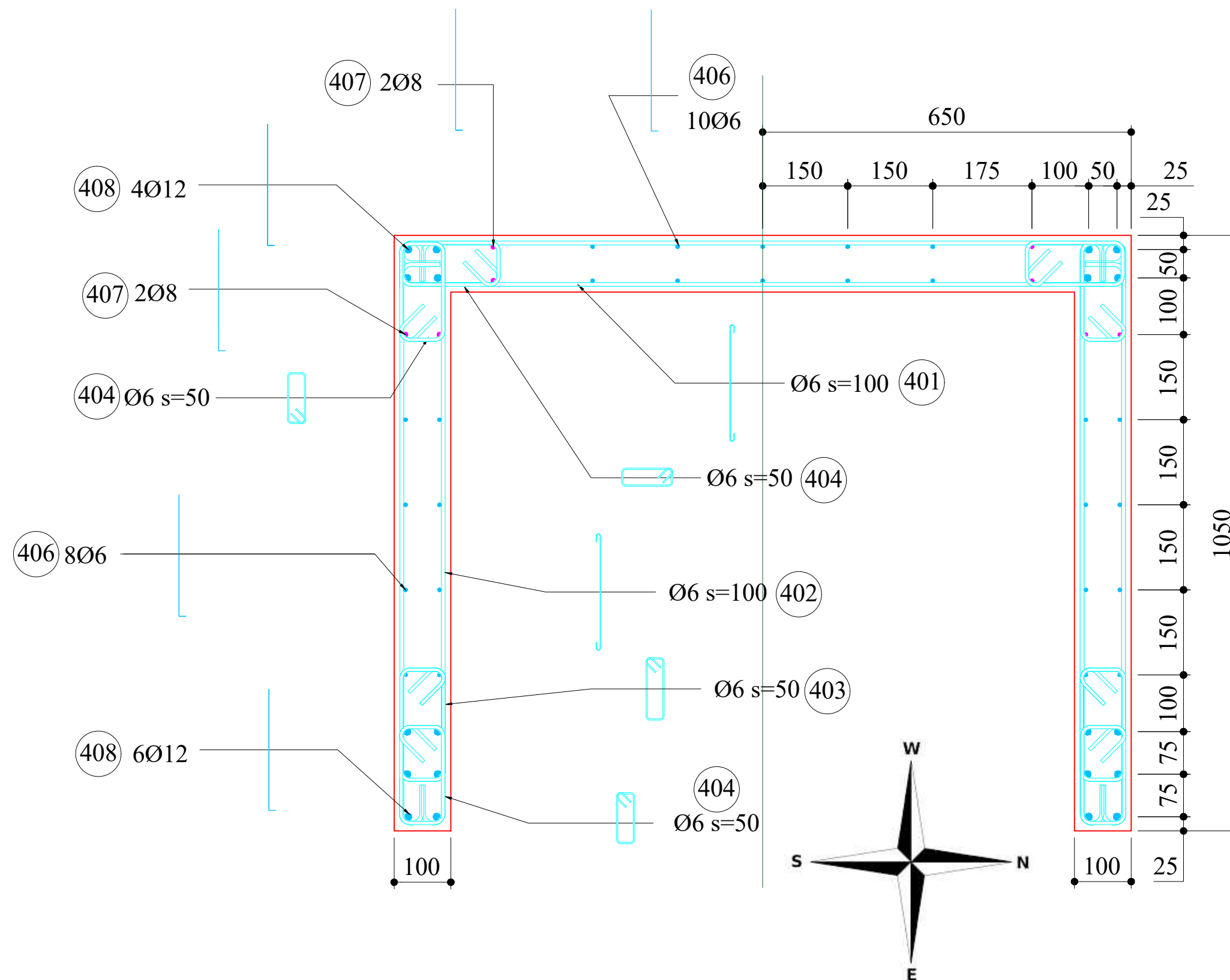
Designation: UWS1\_CutReinforcement

Plan: 4

Date: 11.07.2023

Scale: as indicated

## Plan 1 - 1:8



Remarks:

- Total Volume: 4.37 m<sup>3</sup>
- Total Mass: 11.82 t
- Cover: 15mm for wall foundation and wall

ERIES Transnational Access - All4wALL  
Dynamic tests on RC U-shaped walls

## Formwork plan UWS1

Plan of reinforcement details of wall unit

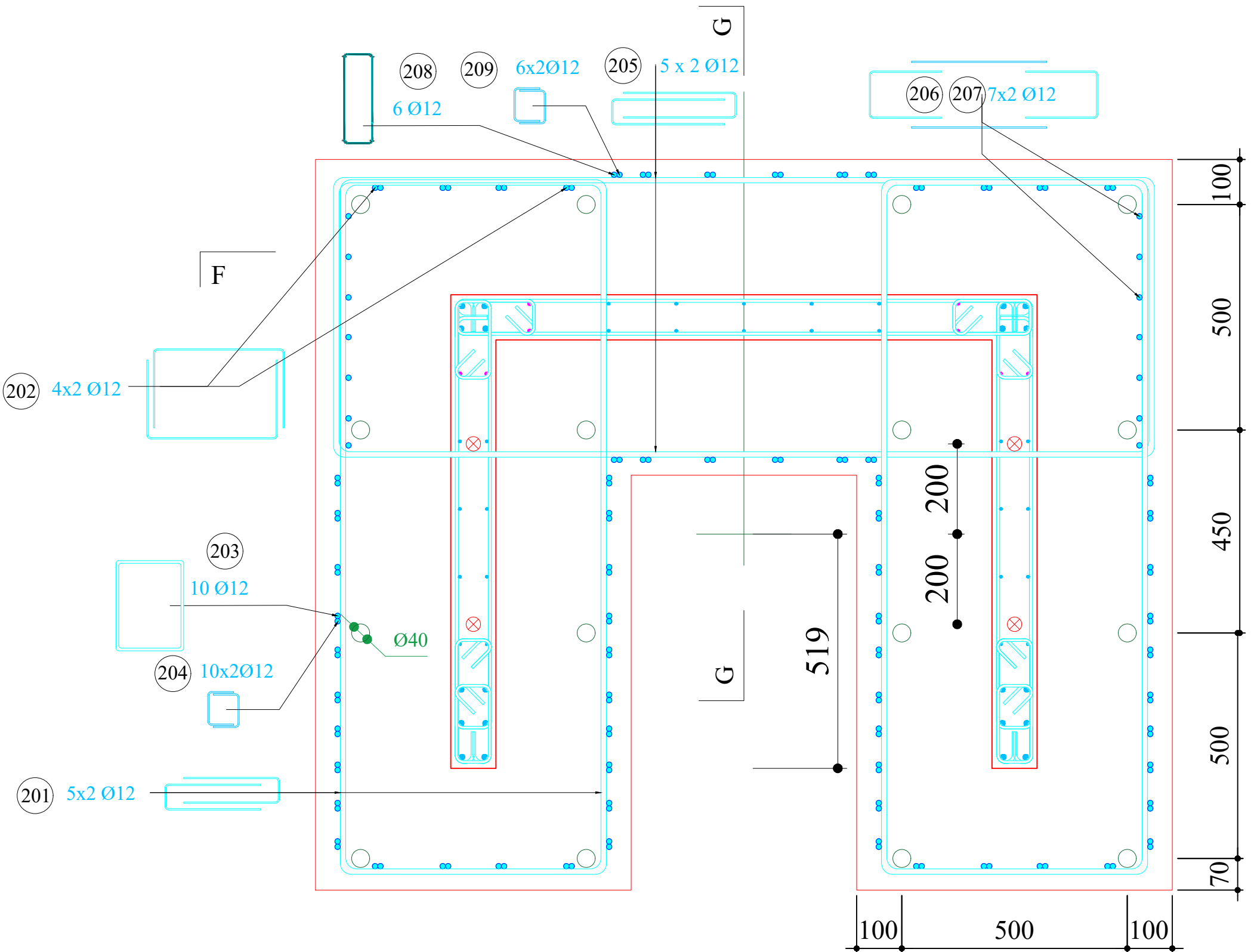
Designation: UWS1\_WallDetails

Plan: 5
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Date: 11.07.2023

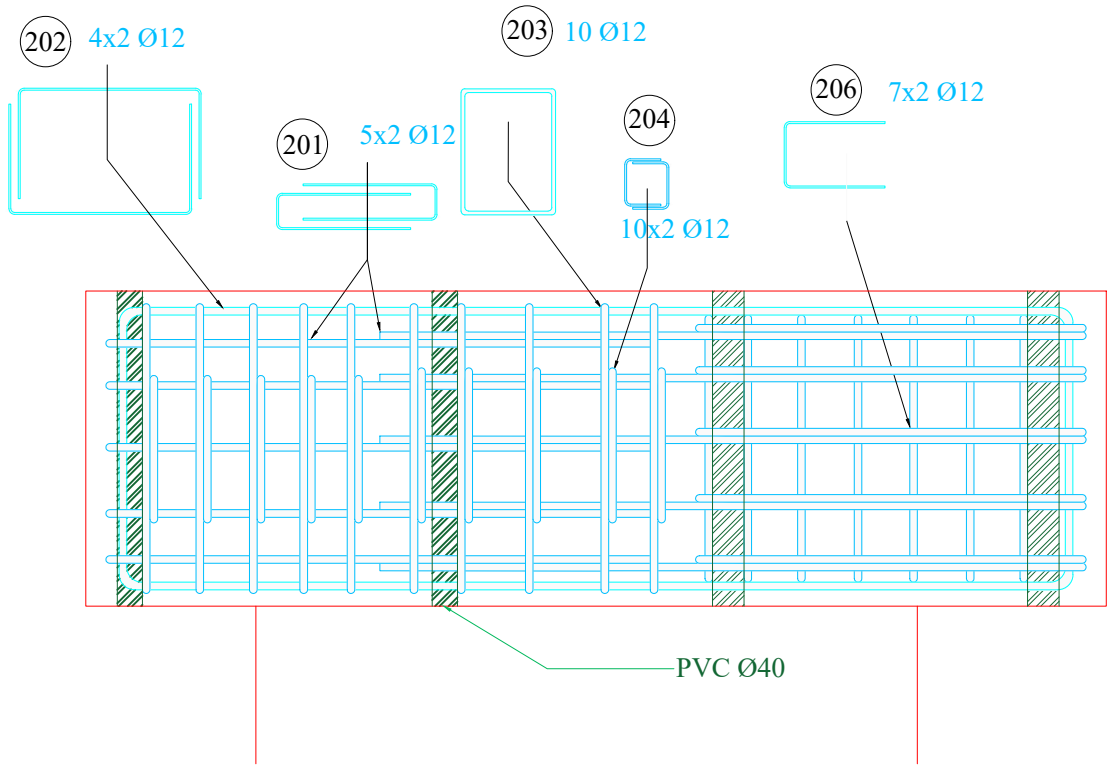
Scale: as indicated

Plan 4 - 1:10

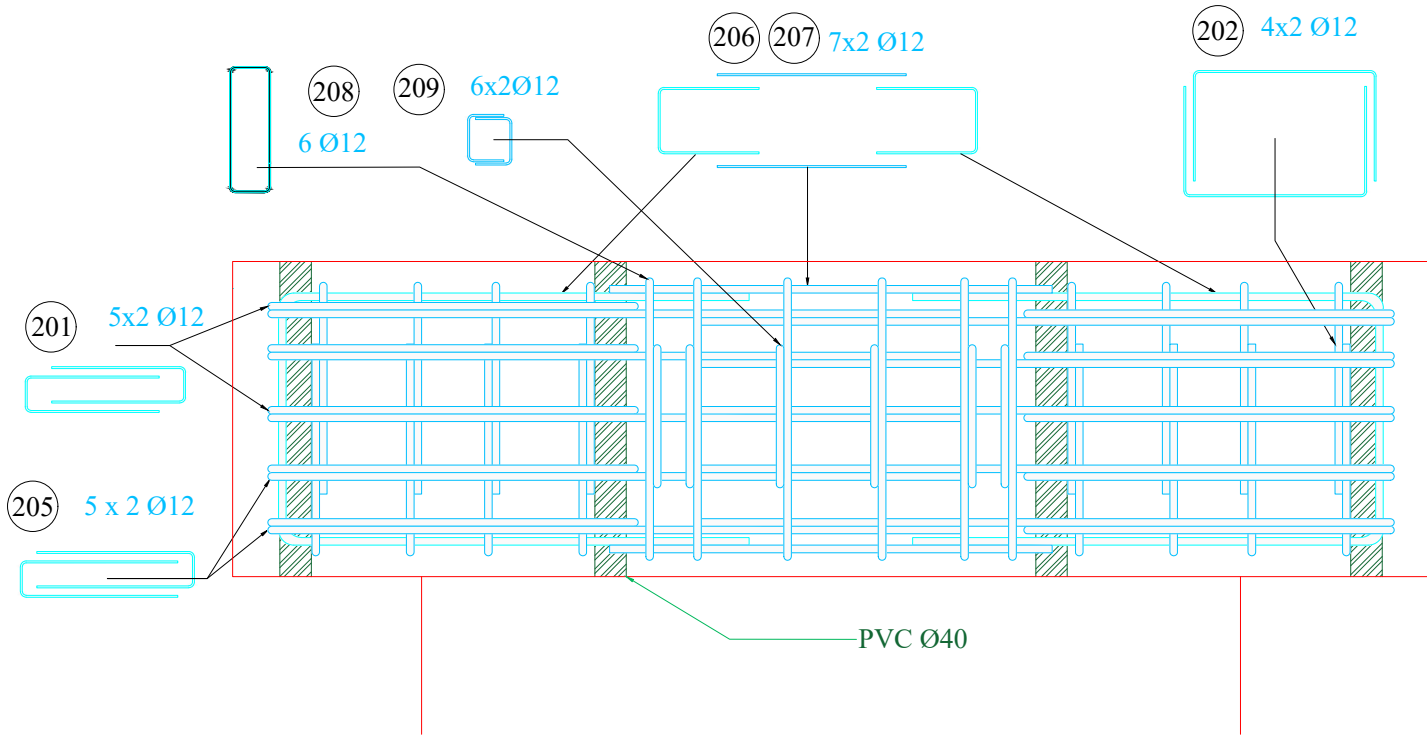


ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Plan of reinforcement details in collar			
Designation: UWS1_CollarDetails	Plan: 6	Date: 11.07.2023	Scale: as indicated

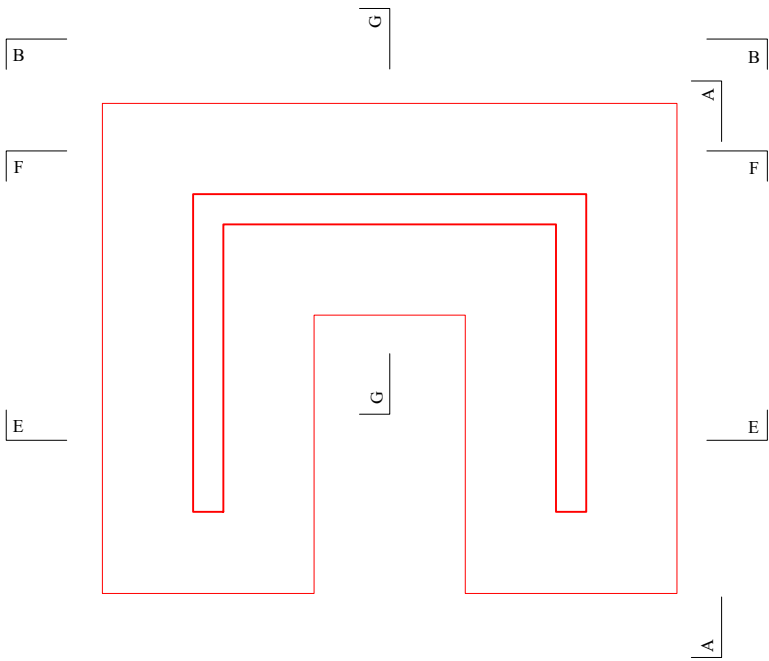
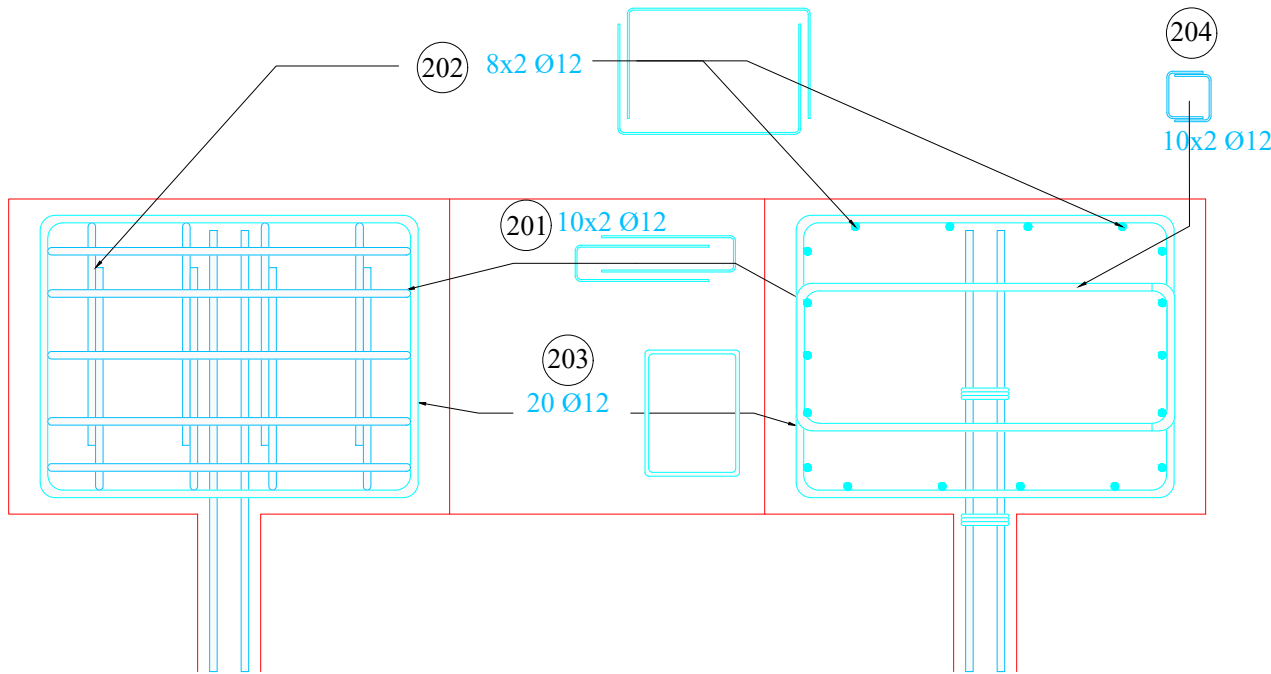
**Cut A-A 1:12**



**Cut B-B 1:12**

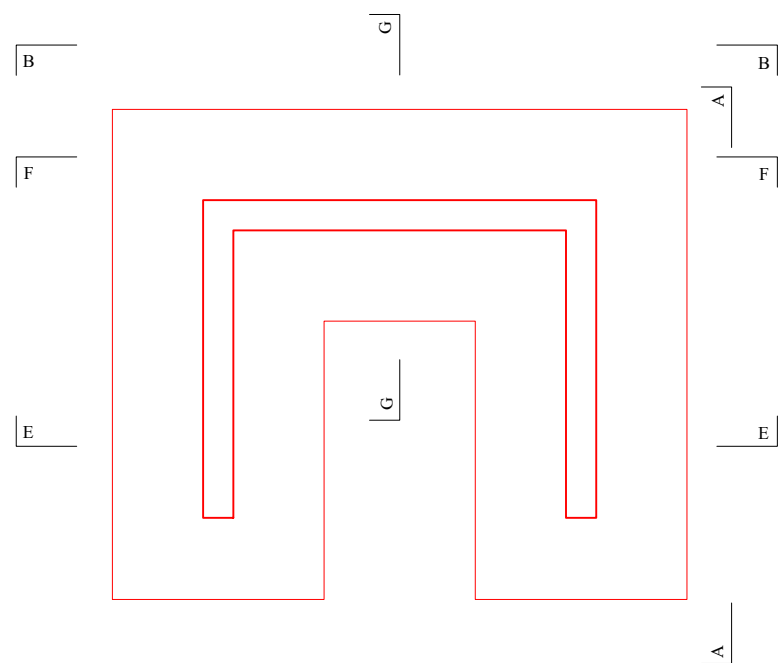
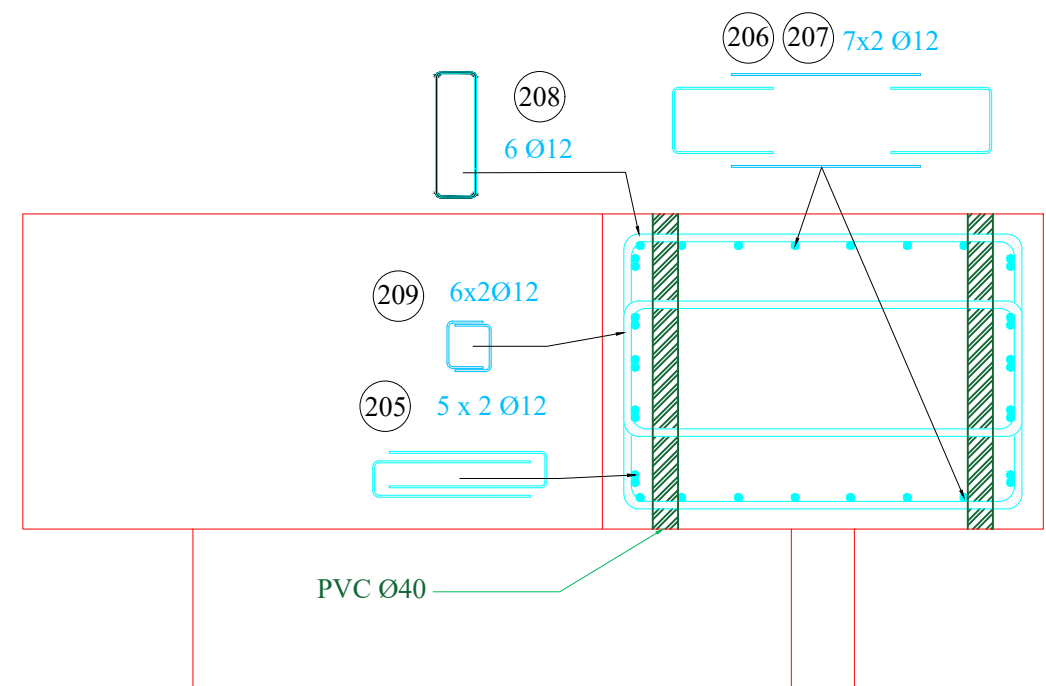


**Cut E-E 1:12**

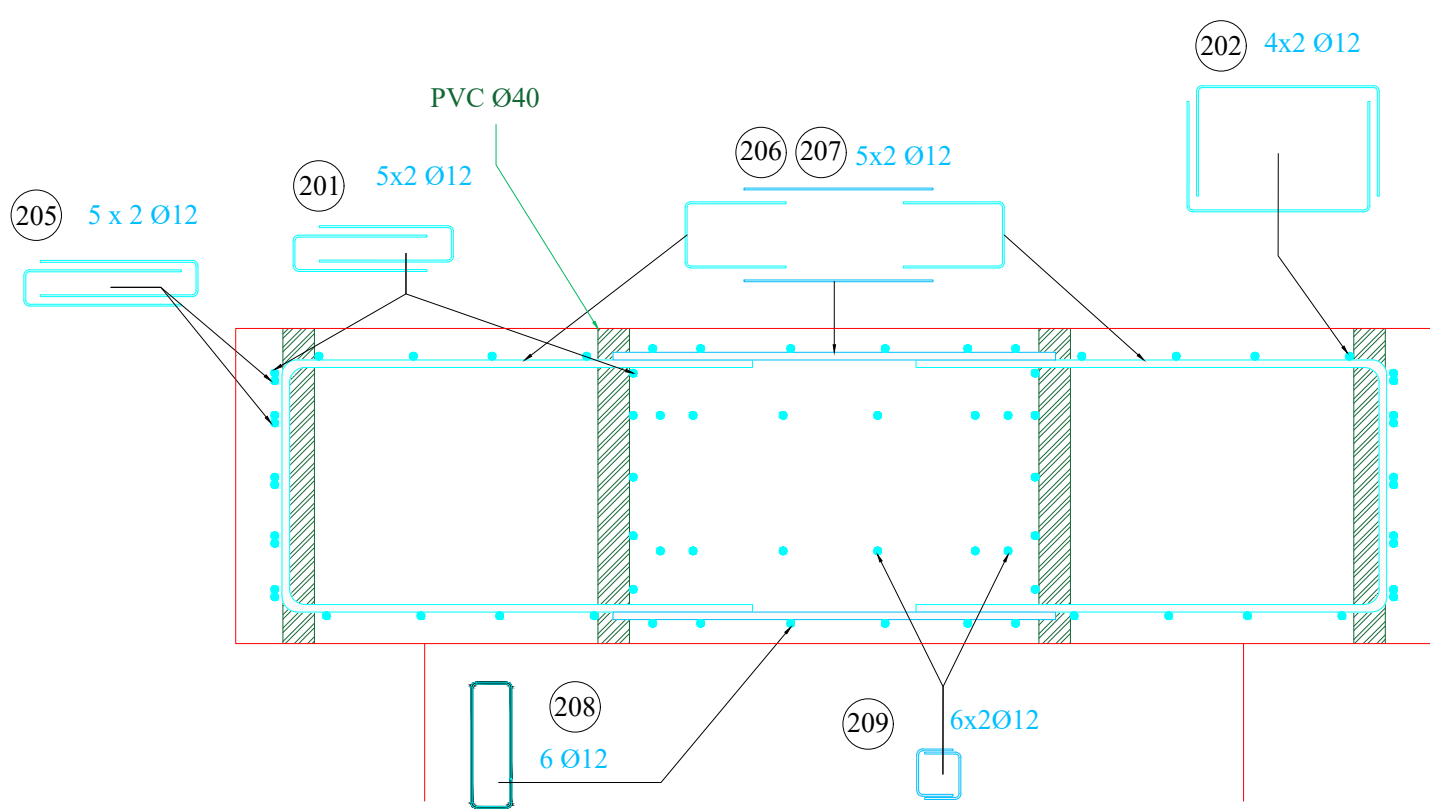


ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Cut showing reinforcement details in collar (1)			
Designation: UWS1_CutCollar1	Plan: 7	Date: 11.07.2023	Scale: as indicated

# Cut G-G 1:12



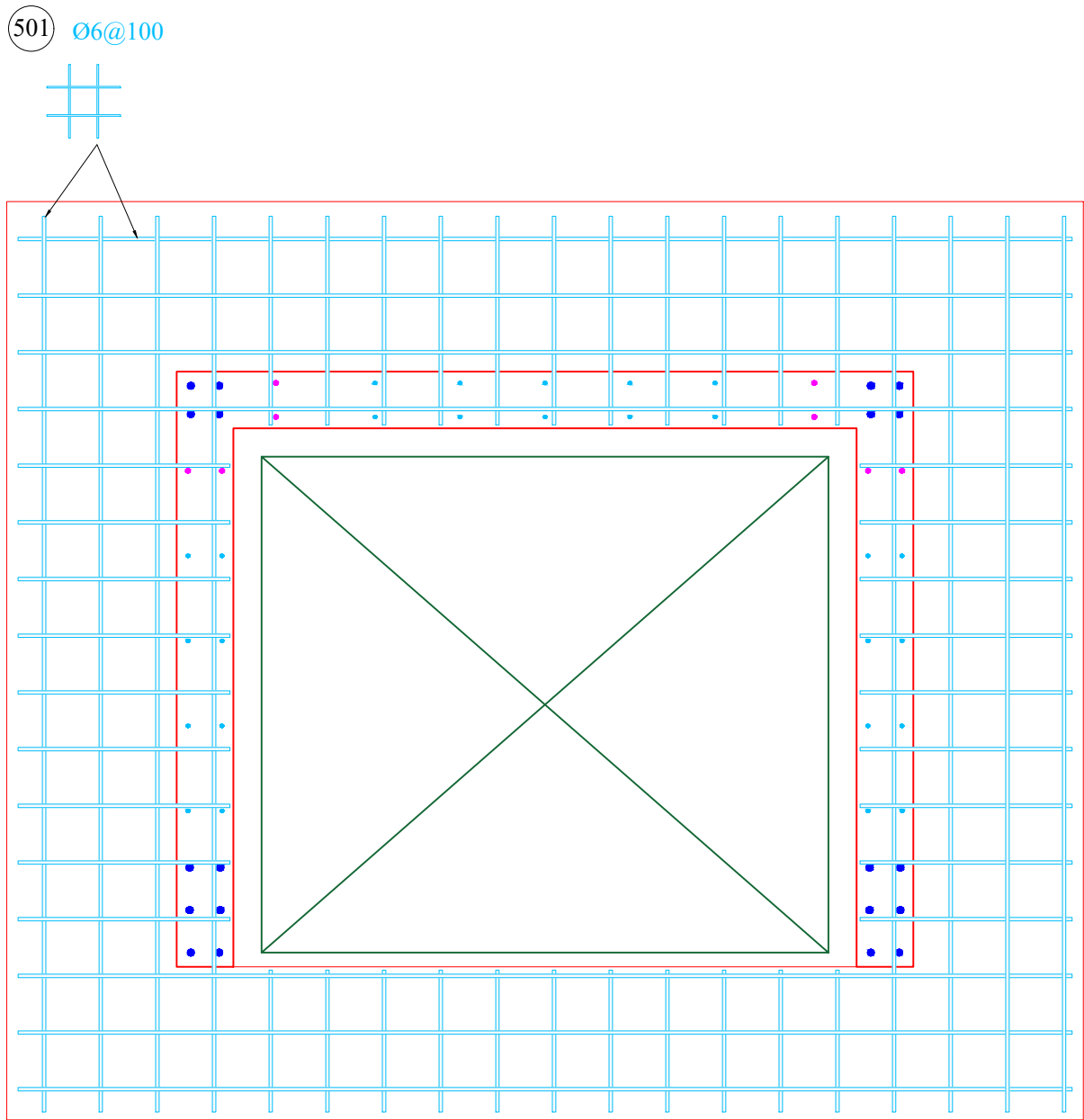
# Cut F-F 1:12



ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Cut showing reinforcement details in collar (2)			
Designation: UWS1_CutCollar2	Plan: 8	Date: 11.07.2023	Scale: as indicated



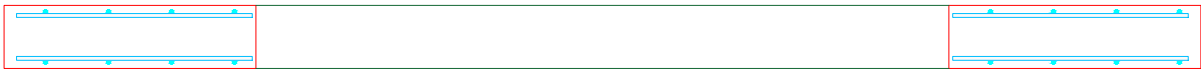
Plan 2 - 1:12



Elevation - Cut H-H 1:12



Elevation - Cut I-I 1:12

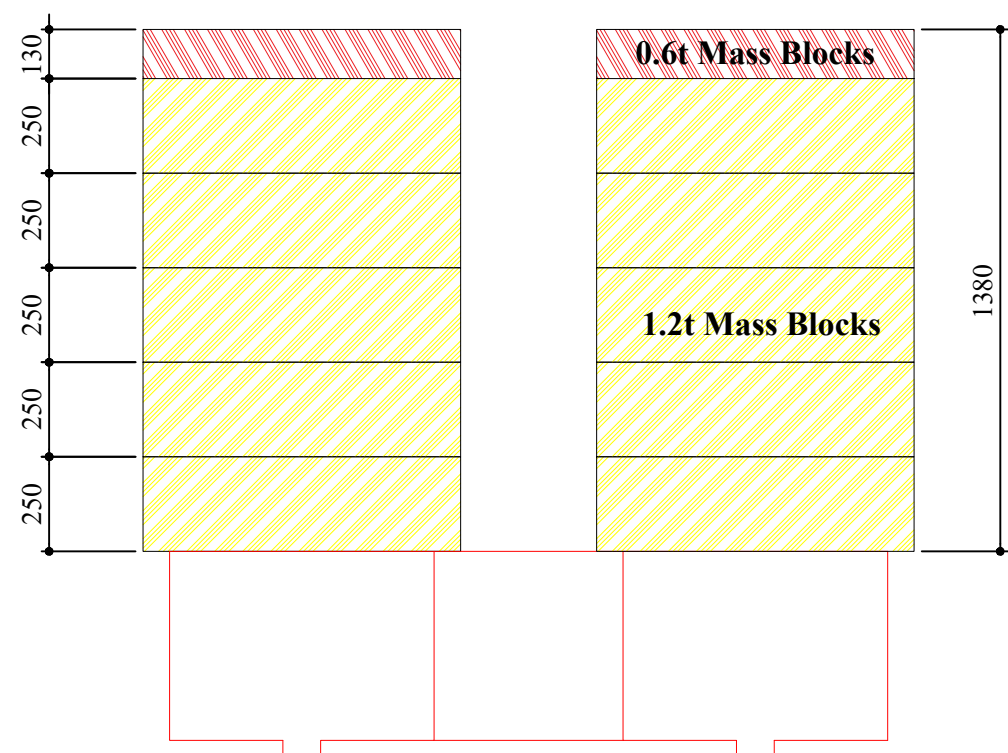


ERIES Transnational Access - All4wALL  
Dynamic tests on RC U-shaped walls

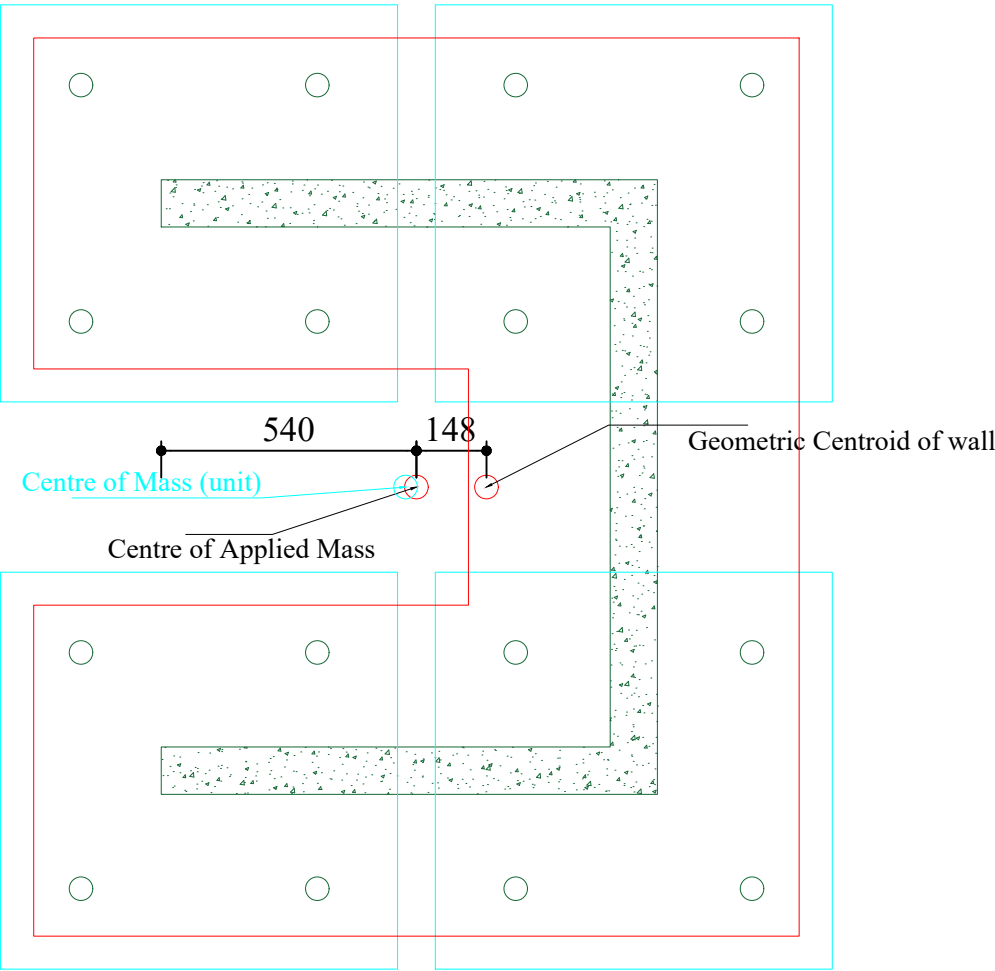
Formwork plan UWS1  
Reinforcement plan of the slabs

Designation: UWS1\_Slab | Plan: 9 | Date: 11.07.2023 | Scale: as indicated

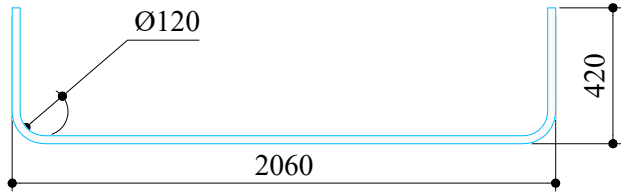
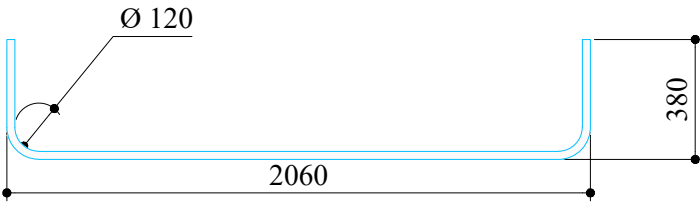
Front View, Elevation - Applied Mass atop of Collar 1:20

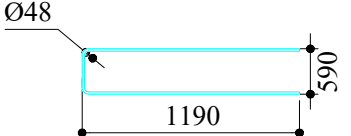
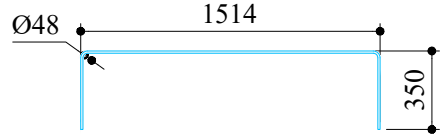
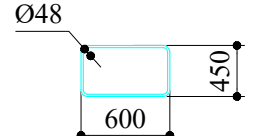
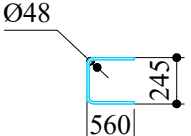
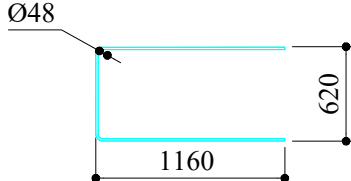
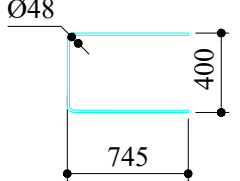
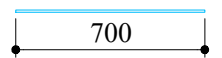
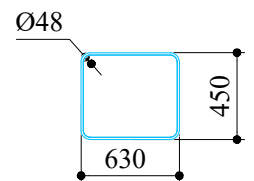
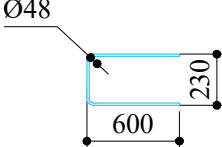


Plan View - Applied Mass atop of Collar 1:16



ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Applied Masses			
Designation: UWS1_AppliedMass	Plan: 10	Date: 11.07.2023	Scale: as indicated

Position	Façonnage pièce	Acier	Diamètre [mm]	Longueur [mm]	Quantité	Poids total [kg]
101		B500C	20	2900	28	199
102		B500C	20	2820	26	180

Position	Façonnage pièce	Acier	Diamètre [mm]	Longueur [mm]	Quantité	Poids total [kg]
201		B500C	12	2970	20	52
202		B500C	12	2214	16	31
203		B500C	12	2100	20	37
204		B500C	12	1365	40	48
205		B500C	12	2940	10	26
206		B500C	12	1890	14	23
207		B500C	12	700	14	9
208		B500C	12	2160	6	11
209		B500C	12	1430	12	15

ERIES Transnational Access - All4wALL  
Dynamic tests on RC U-shaped walls

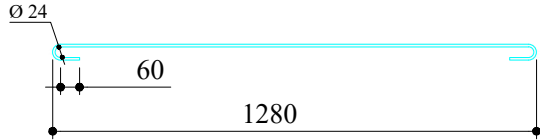
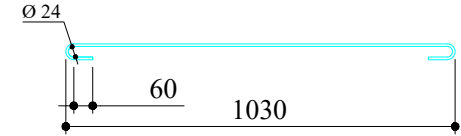
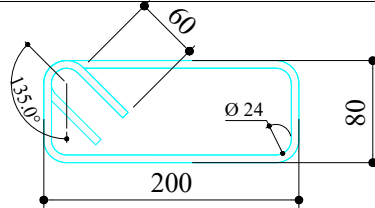
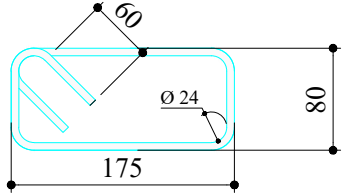
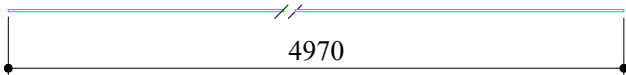
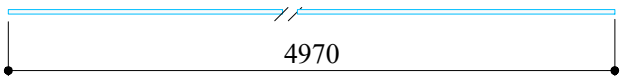
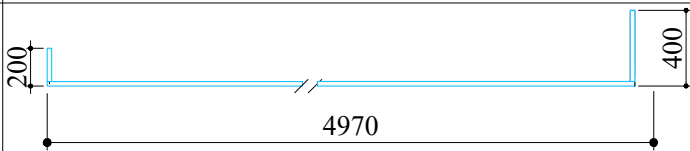
Formwork plan UWS1  
Reinforcement List - Collar

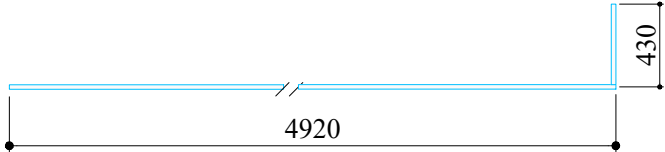
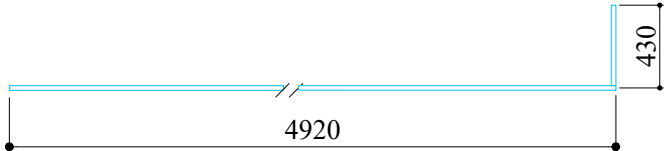
Designation: UWS1\_Reinforcements2

Plan: 12

Date: 11.07.2023

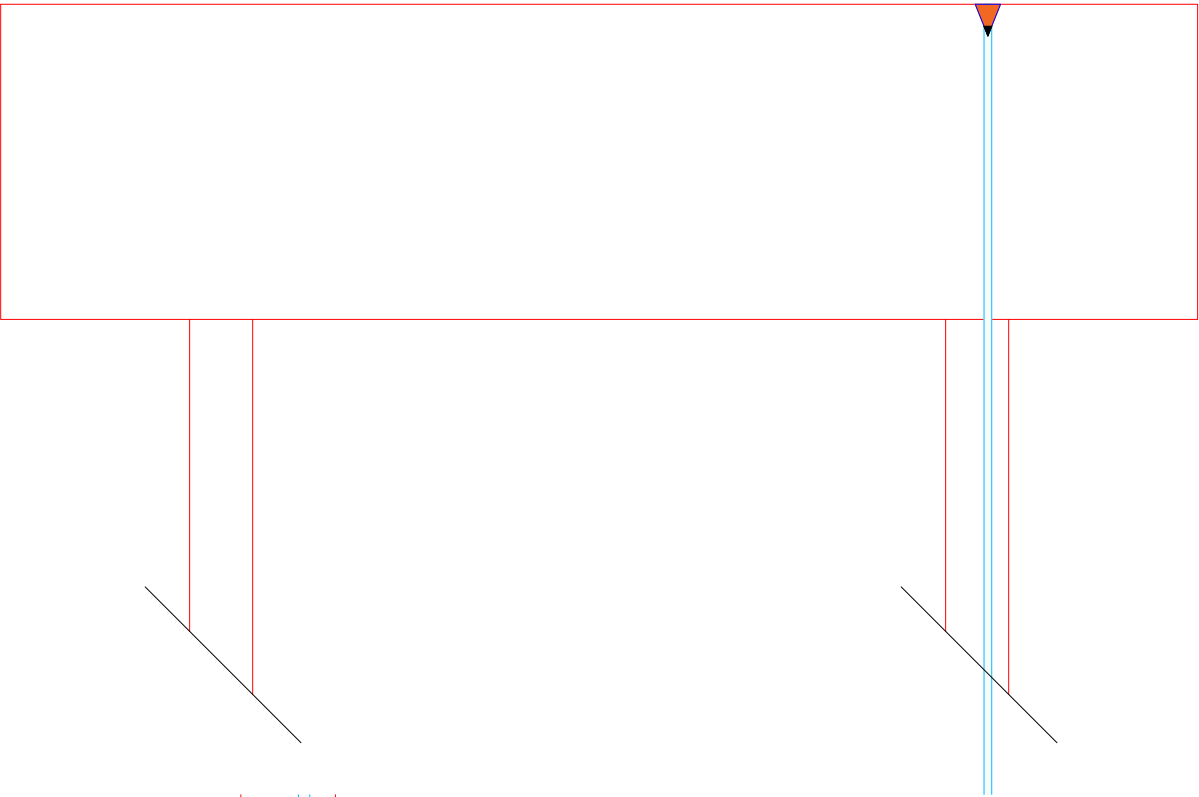
Not to scale

Position	Façonnage pièce	Acier	Diamètre [mm]	Longueur [mm]	Quantité	Poids total [kg]
401		B500C	6	1450	88	14
402		B500C	6	1200	176	12
403		B500C	6	680	108	16
404		B500C	6	630	324	45
406		B500C	6	4970	26	28
407		B500C	8	4970	7	14
408		B500C	12	4970	17	75

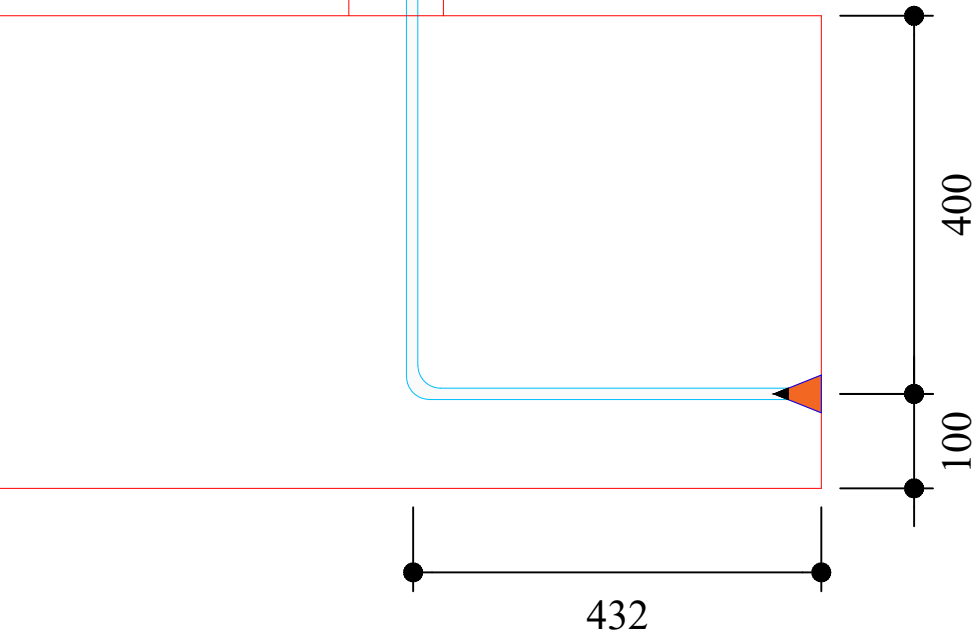
Position	Façonnage pièce	Acier	Diamètre [mm]	Longueur [mm]	Quantité	Poids total [kg]
410		B500C	8	5350	1	2
409		B500C	12	5350	3	13

ERIES ALL4wALL Specimen UWS1			
List of Instrumented Reinforcements			
Dessin Nr.: UWS1_DFOsreo	Liste: -	Date: 25.09.2023	

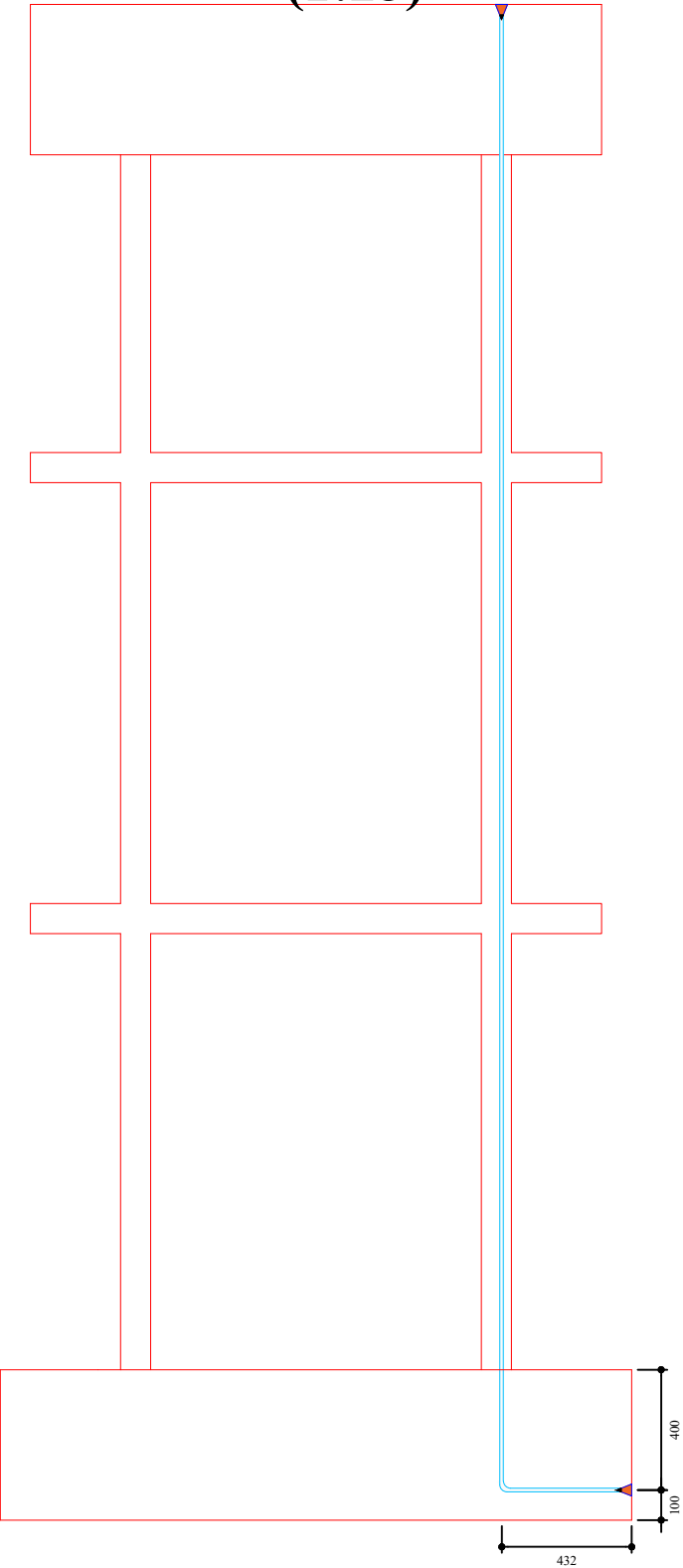
Wall Collar (Top) 1:12



Wall Foundation 1:8

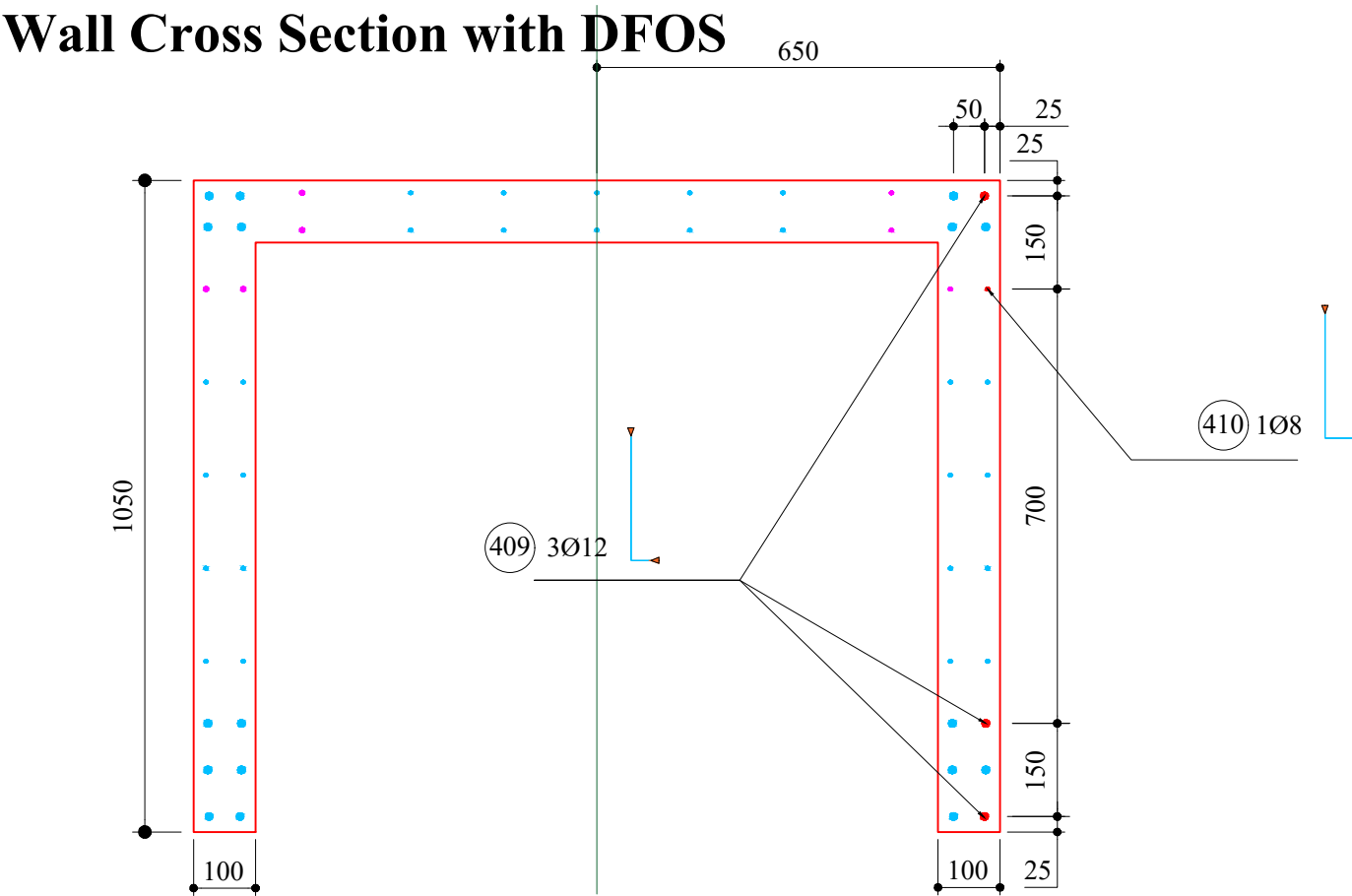


Wall Elevated View with DFOS bar  
(1:25)

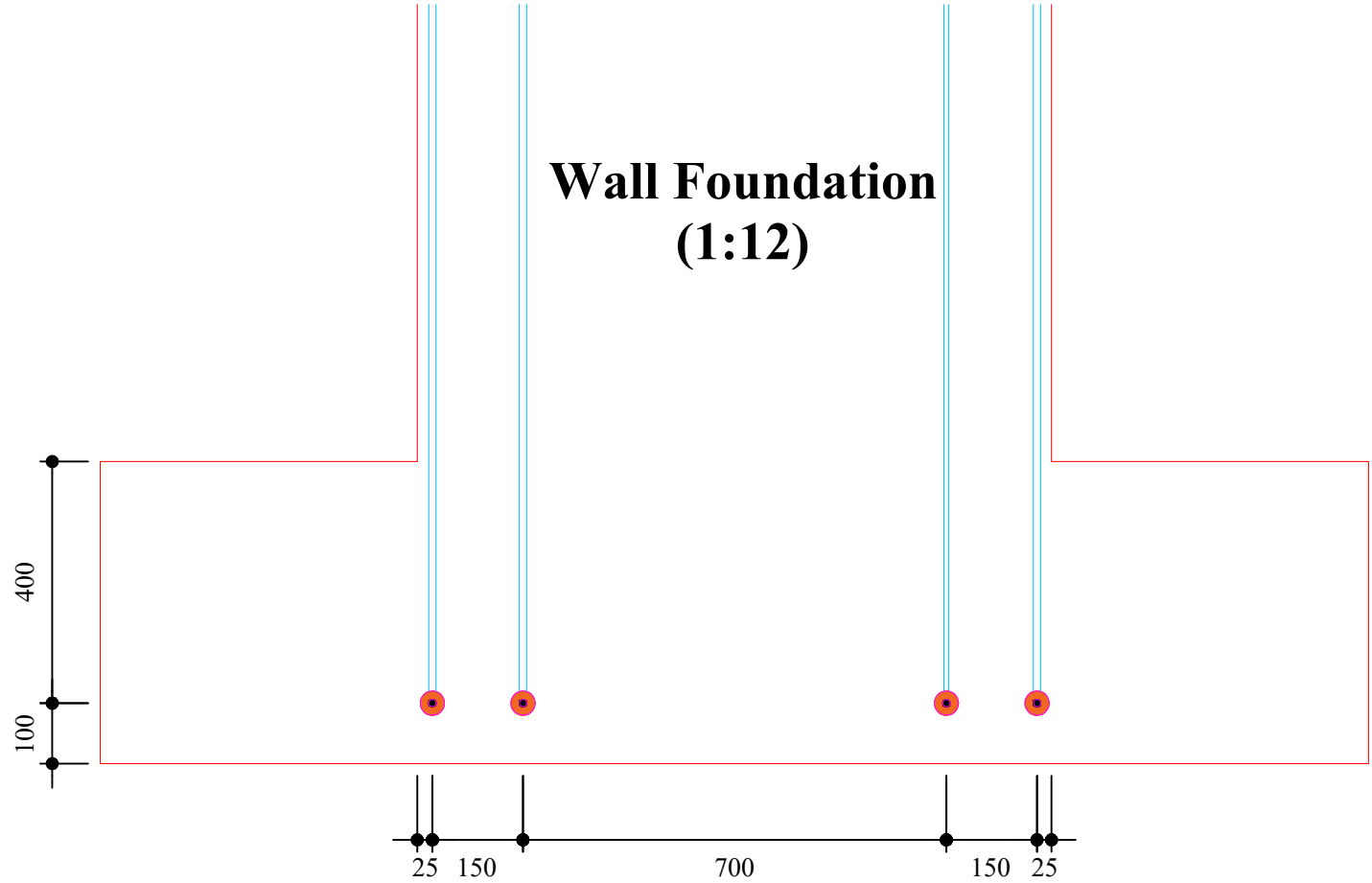


ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Distributed Fibre Optic Sensor Rebars			
Designation: UWS1_DFOS	Plan: 11	Date: 25.09.2023	Scale: as indicated

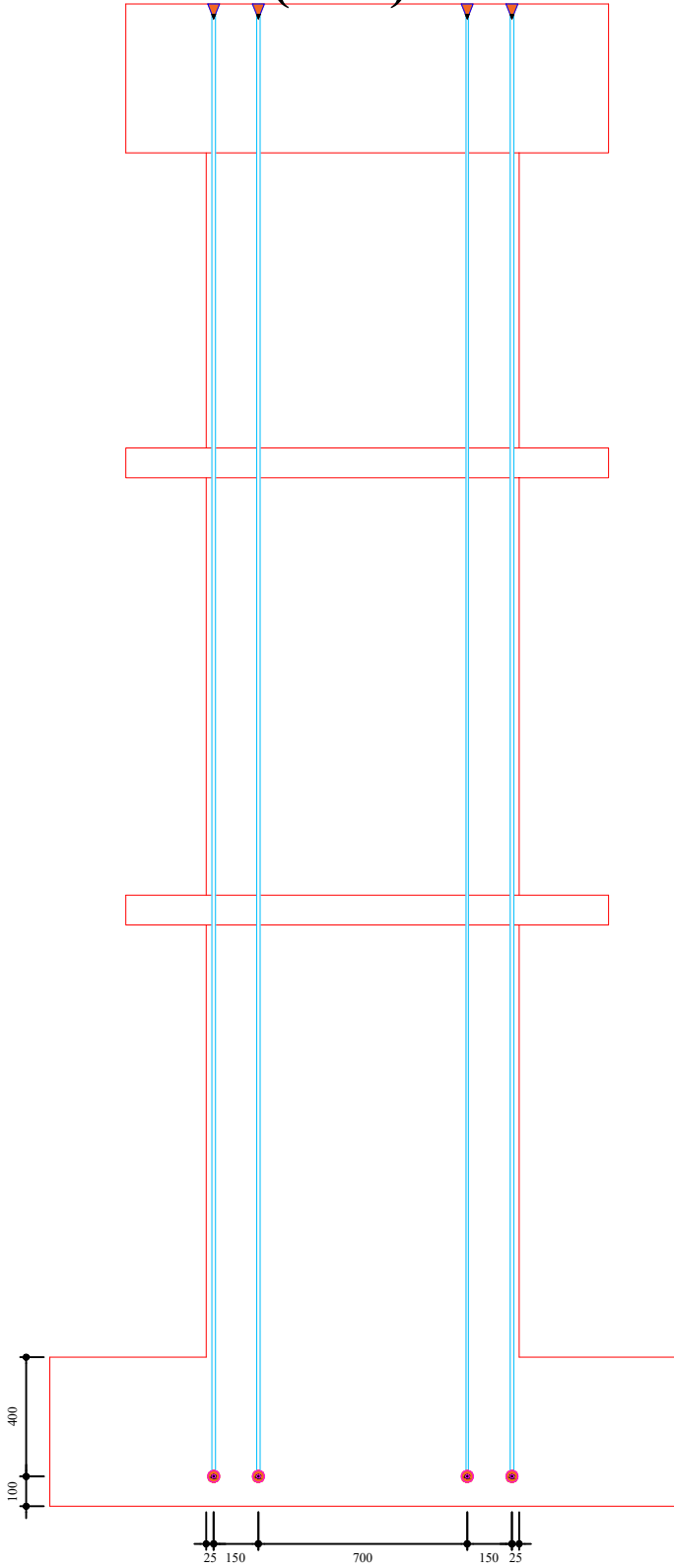
Wall Cross Section with DFOS



Wall Foundation  
(1:12)



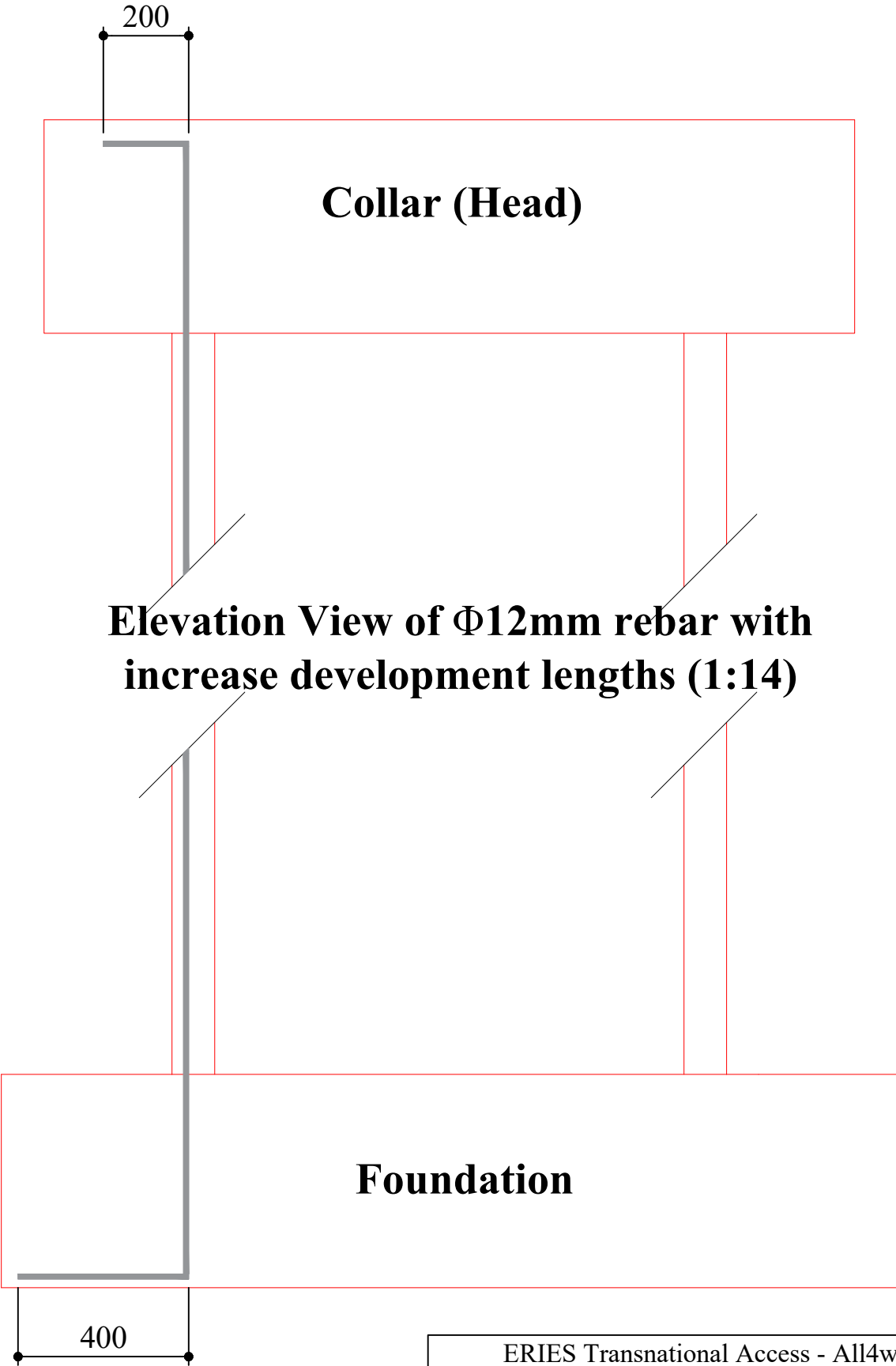
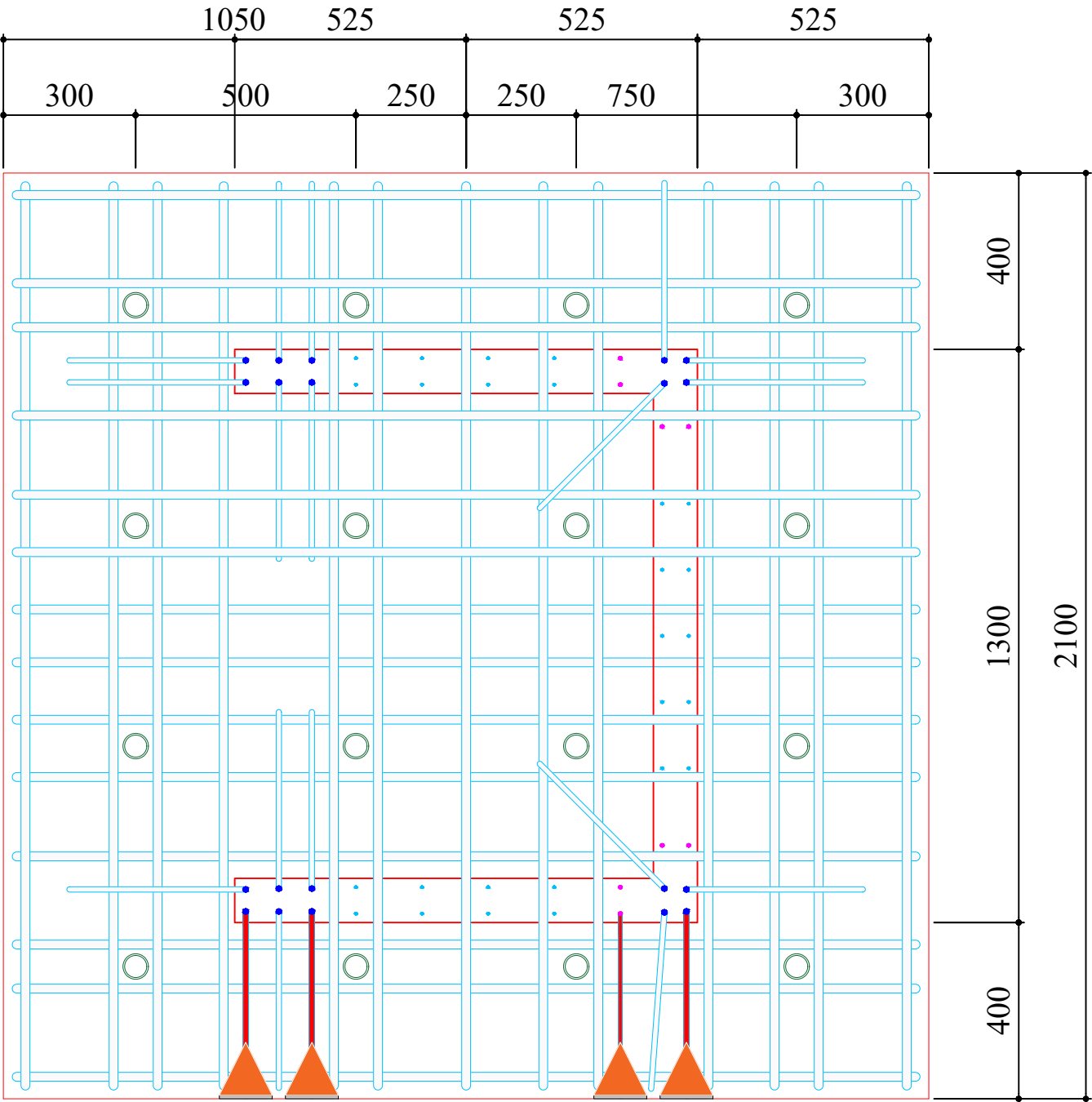
Wall Elevated View with DFOS bar  
(1:25)



ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Distributed Fibre Optic Sensor Rebars 2			
Designation: UWS1_DFOS2	Plan: 12	Date: 25.09.2023	Scale: as indicated



Development Lengths of  $\Phi 12\text{mm}$  rebar in Foundation (1:14)



ERIES Transnational Access - All4wALL			
Dynamic tests on RC U-shaped walls			
Formwork plan UWS1			
Development lengths of 12 mm rebar			
Designation: UWS1_Bond	Plan: 14	Date: 20.10.2023	Scale: as indicated