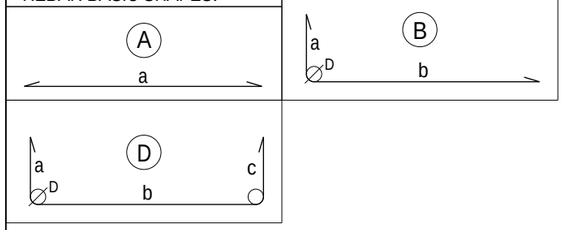
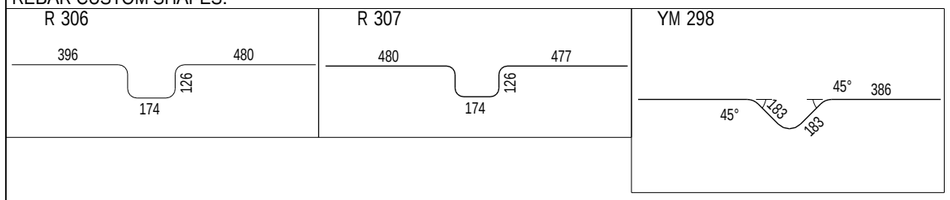
REBAR BASIC SHAPES:



REBAR CUSTOM SHAPES:



Reinforcement specification:

Shape	Pos	Pcs	Grade	Diam	L	a	b	c	d	e	u	v	D	kg/one	kg/all
A	245	4	B500B	10	2300	2309								1.4	5.7
A	246	4	B500B	10	3230	3235								2.0	8.0
A	257	2	B500B	20	820	820								2.0	4.0
B	247	8	B500B	10	870	450	450						40	0.5	4.3
D	23	2	B500B	12	1000	490	80	490					48	0.9	1.8
D	151	22	B500B	8	750	320	150	320					32	0.3	6.5
D	244	28	B500B	8	720	320	126	320					32	0.3	8.1
D	319	1	B500B	10	1960	765	480	765					40	1.2	1.2
D	320	1	B500B	10	1890	765	410	765					40	1.2	1.2
D	321	1	B500B	10	1970	765	489	765					40	1.2	1.2
R	306	6	B500B	12	1190	480	126	174	126	396			48	1.1	6.4
R	307	6	B500B	12	1270	480	126	174	126	477			48	1.1	6.8
YM	298	4	B500B	20	1070	386	183	183	386				80	2.6	10.6

Reinforcement total weight (kg): 65.7

Meshes:

Pos	Quantity	Grade	Diameter (HOR/VER) - Step (HOR/VER) - Size (VER/HOR)	Name	kg/one	kg/all
M/40	1	B500A	10/10-150/150-2350/3650	MESH	62.0	62.0
M/41	1	B500A	10/10-150/150-2350/3650	MESH	64.3	64.3

Mesh total weight (kg): 126.4

Total amount of the reinforcement:

Diam.	Grade	Weight
∅8	B500B	14.6 kg
∅10	B500B	21.6 kg
∅12	B500B	14.9 kg
∅20	B500B	14.6 kg
Total:		65.7 kg

MATERIAL SPECIFICATION

Element Mark	Material	Weight (kg)	Volume (m^3)
A3.COW.1.2			
PANEL	C30/37	3762.5	1.57

Embeds:	Comments	Quantity	Material/Producer	Weight (kg)	Weight tot. (kg)
PVL100		13	Peikko	1.3	16.3
RB-040/050		2	Terwa	2.0	4.0
TKS-050-0580		2	Terwa	1.3	2.7
Gofra O80*1 L=1075mm		2	Gofra	2	4.0
Total:					
Material: GofraO80*1			Length(m):	2.15	

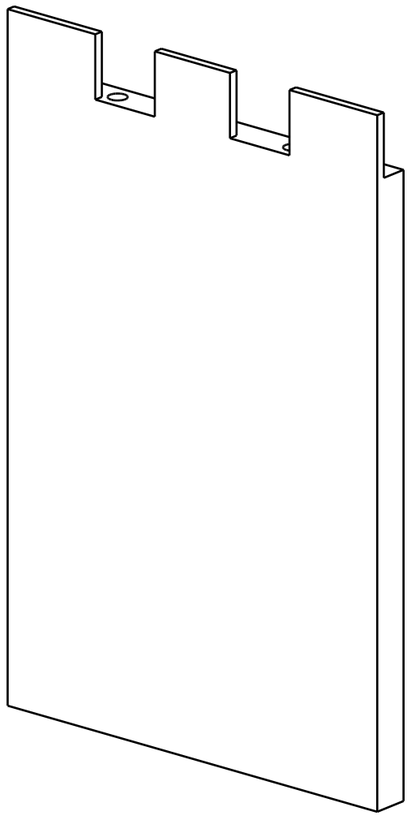
CAST UNIT TOTAL WEIGHT (kg): 3981.6

NOTES:

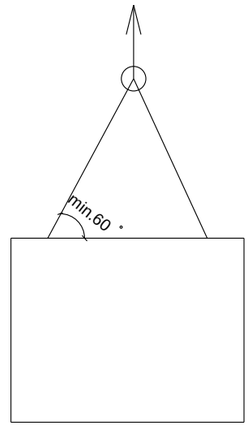
CONCRETE STRENGHT BY TRANSPORTING MUST BE AT LEAST 75% OF DESIGN STRENGHT
EXECUTION OF PRECAST ELEMENTS ACC. LVS EN 13670
REINFORCING BARS ACC. LVS EN 10080:2005.
CONCRETE ACC. LVS EN 206
PRODUCTION OF PRECAST WALL ELEMENTS ACC. LVS EN 14992

FIRE RESISTANCE: PANEL	R90
COMPRESSIVE STRENGTH: PANEL	C30/37
EXPOSURE CLASS: PANEL	XC1
SURFACE: PANEL	(RD) Fine rolled
CONCRETE COVER: PANEL	25
BOTTOM SIDE SURFACE:	▲
LIFTING LOOP MAX. ACCELERATION FACTOR:	f=1.3
DIAGONAL PULL MAXIMUM INCLINATION ANGLE DURING LIFTING - 30 DEG.	

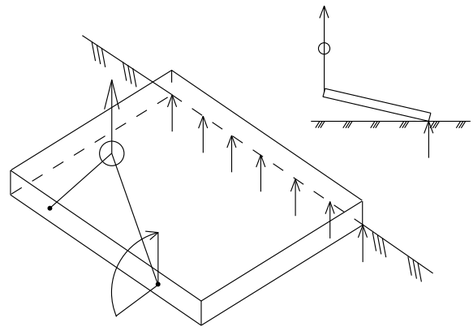
3D
1:30



Wall lifting scheme option Nr.1



Wall tilting scheme option Nr.2



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Date 08.12.2021	Approved By VB		Page No. 3/3
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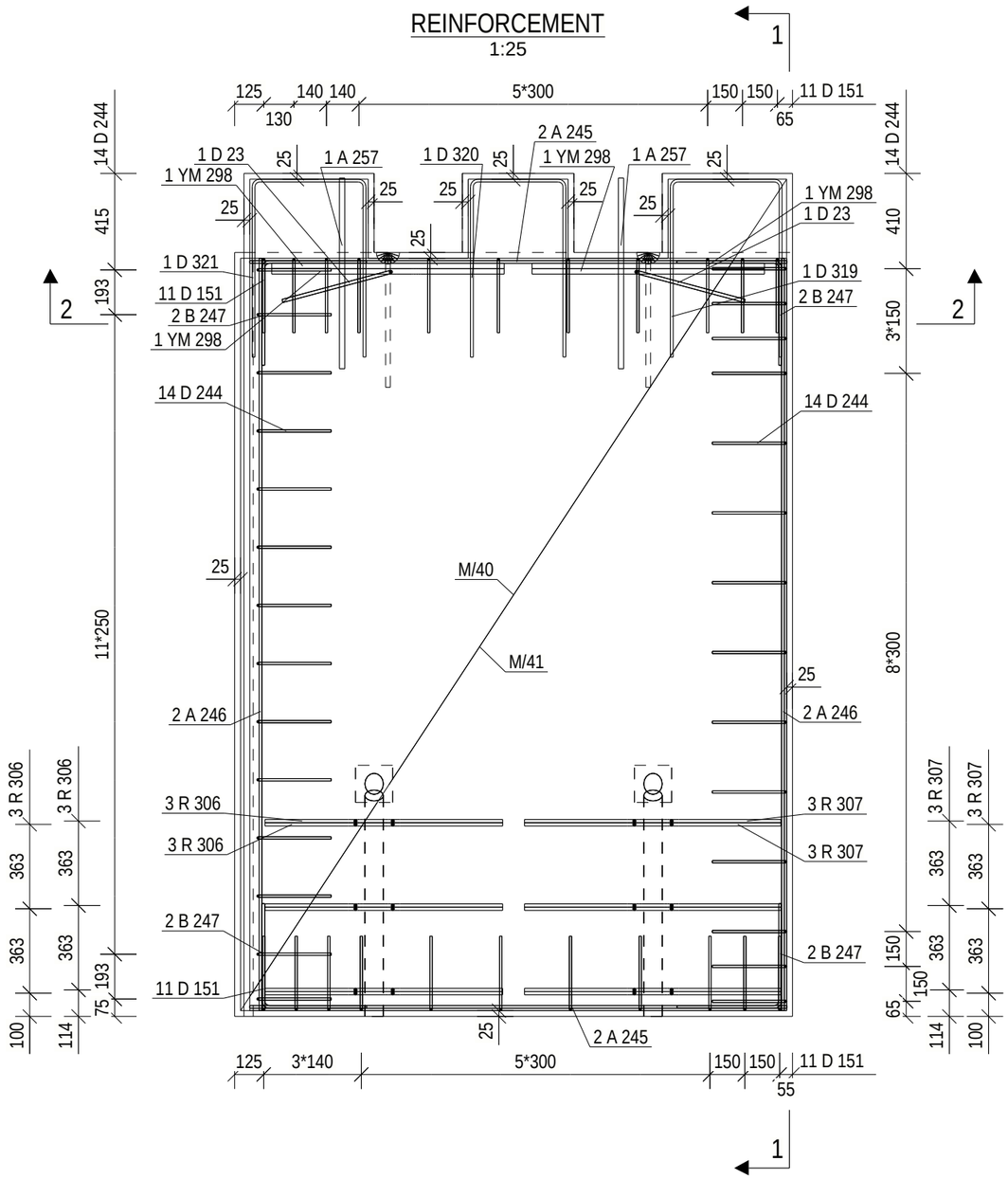
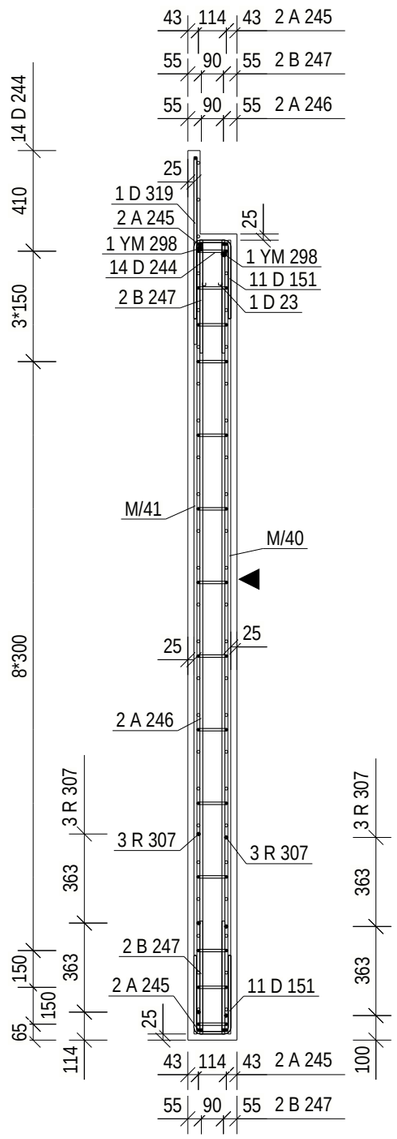
REINFORCEMENT
1:25



1 - 1
1:25



2 - 2
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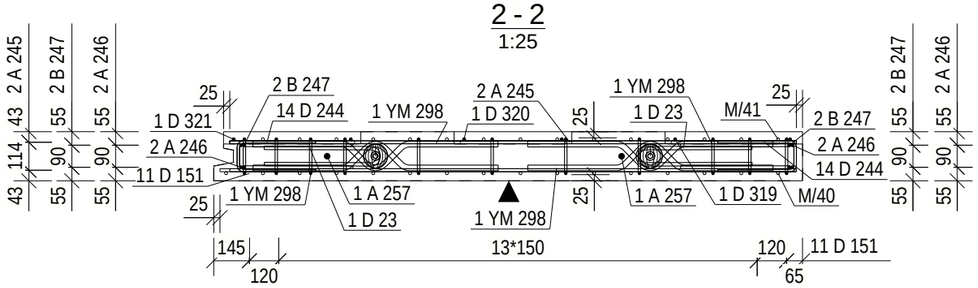

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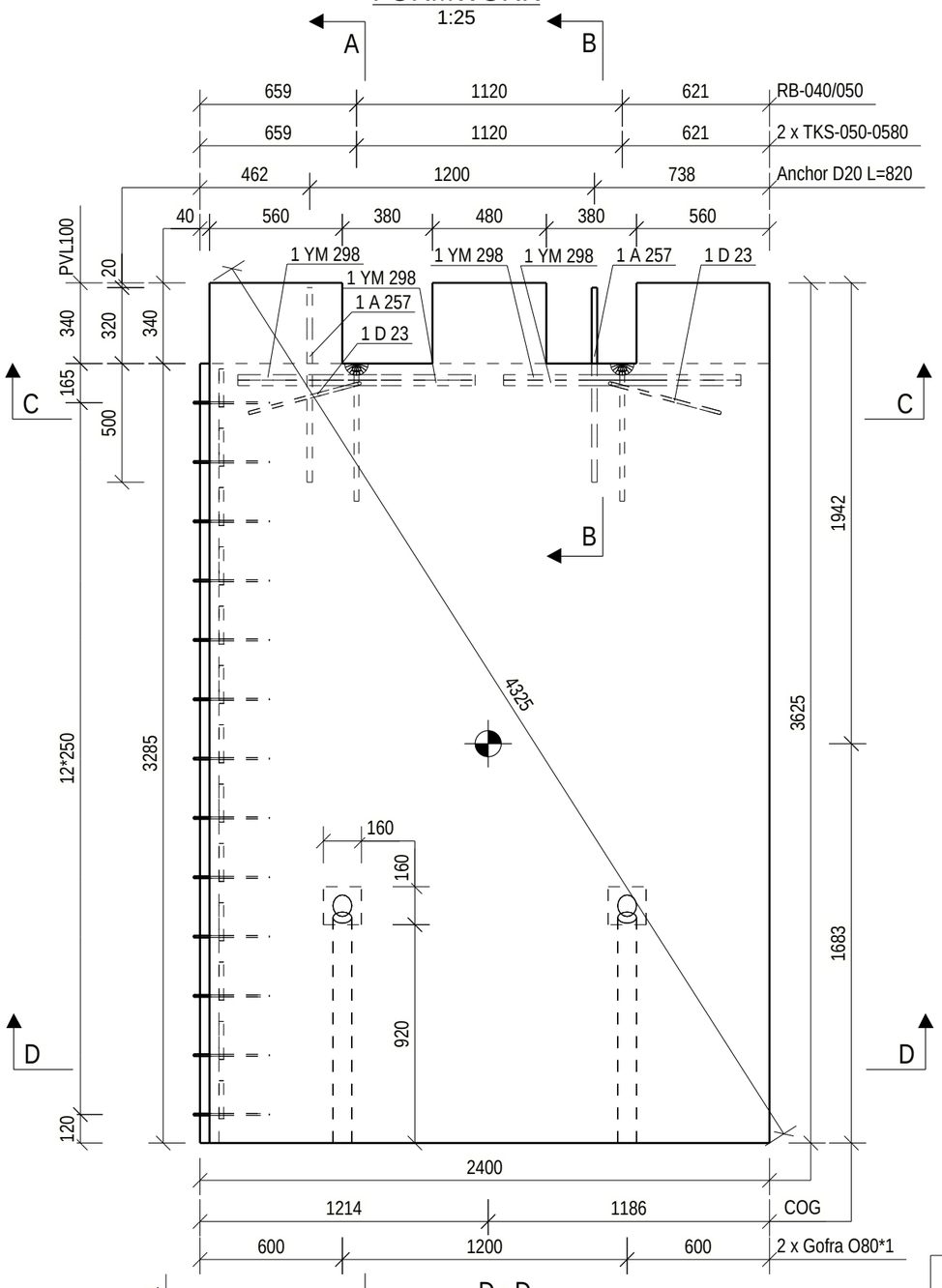
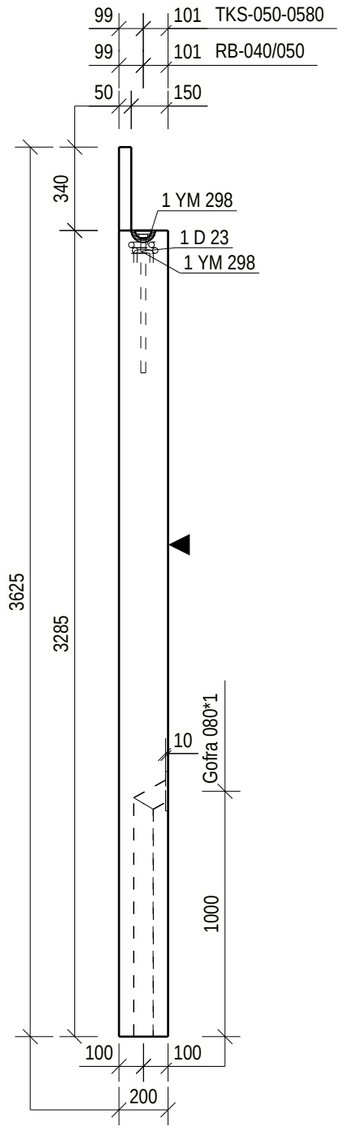
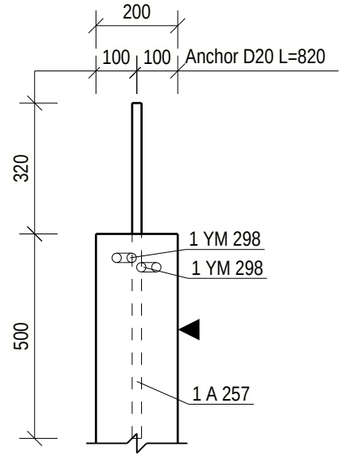
FORMWORK
1:25



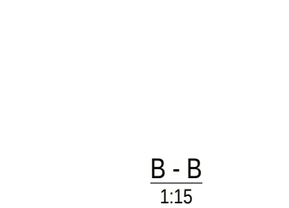
A - A
1:25



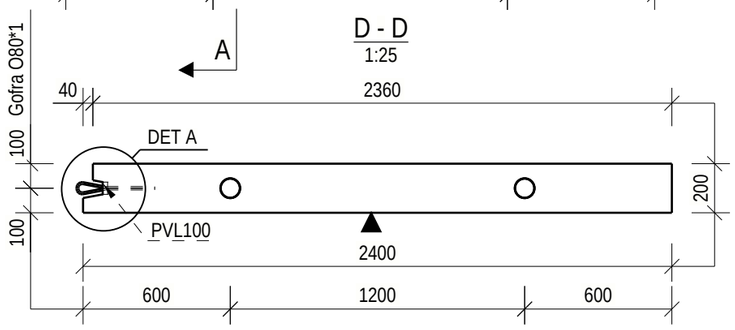
B - B
1:15



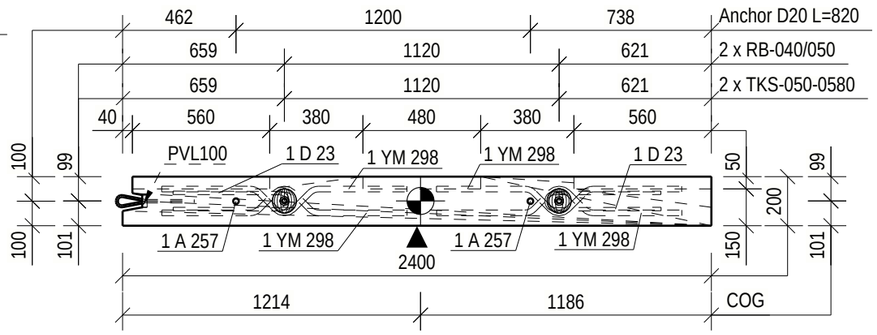
Detail A
1:10



D - D
1:25



C - C
1:25



Rev. Mark	Revision description	Created	Approved	Date

A3, 01 mockup
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2112	RL	AA
Date	Approved By	
08.12.2021	VB	

Panel

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