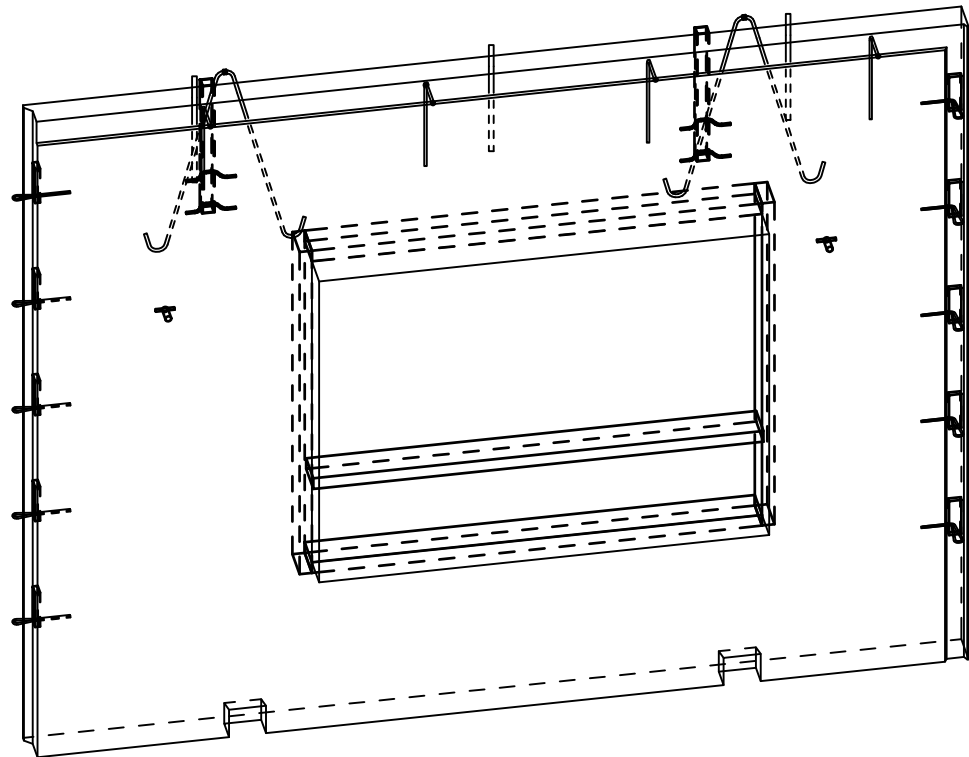
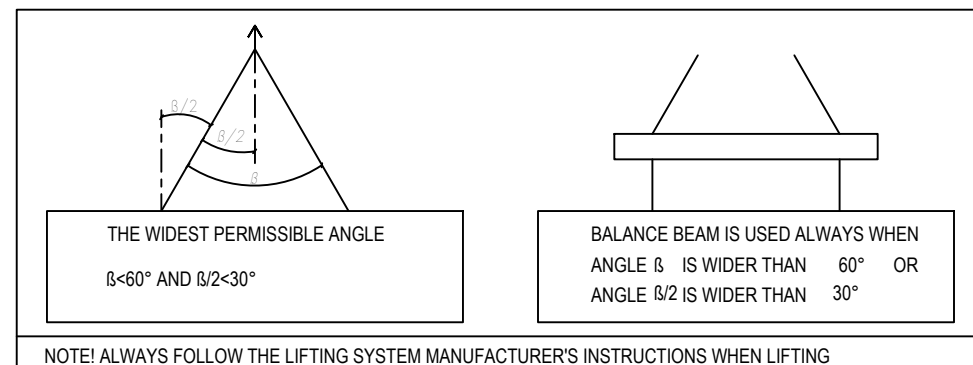


EMBED LIST			
CAST UNIT WEIGHT IS CALCULATED USING CONCRETE VOLUME AND DENSITY 2500kg/m ³ + weight of embedded objects.			
ELEMENT POSITION	PCS	AREA [m ²]	
RK-1	1	8.74	
CONCRETE		VALUE	UNIT
C30/37	INNER PANEL	1.29	m ³
ELEMENT TOTAL WEIGHT:			3.25 t
VALUE	UNIT	EMBEDS	
2.0	kpl	PINTOS_SA_12 S235JR	
10.0	kpl	PVL80	
2.0	kpl	Vemo RV M16x70 S235JR+AR 5mm immersion	
4.0	kpl	AnchorRebar D8 L=231mm A500HW	
2.0	kpl	KAPU 200 P50X50X3 L=600mm S235J0	
1.8	jm	FRAME WOOD 50X150 C24	
6.6	jm	FRAME WOOD 150X50 C24	
4.6	kg	B500B ø8	
33.2	kg	B500B ø10	
5.0	kg	B500B ø12	
2.4	kg	B500B ø16	

IF THE PRECAST MANUFACTURER WANTS TO REPLACE AN EMBED OR MATERIAL WITH ANOTHER, THE CONSTRUCTION/ELEMENT DESIGNER MUST APPROVE THE CHANGE BEFOREHAND.



LIFTING ANGLES



NOTE! ALWAYS FOLLOW THE LIFTING SYSTEM MANUFACTURER'S INSTRUCTIONS WHEN LIFTING

GENERAL INFORMATION

Planned life time	50 Years	
Exposure class	XC1	SFS-EN 1992-1-1+NA
Fire resistance class	R60	
Consequence class	CC2	

PRODUCT INFORMATION

Concrete	C30/37	SFS-EN 206, SFS 7022
Concrete cover 1	25 mm ±10	
Max aggregate size	16mm	
Tolerance class	Measurement class, normal	Betonelementtien toleranssit, 2011
Surface treatment 1	Form face MUO-A	
Surface treatment 2	Casting face THI-A	
Lifting strength	C16/20	
Transport and erection strength	C25/30	
Reinforcement bar	T=B500B (SFS 1268), E=B600KX (SFS 1259)	
Reinforcement mesh	K=B500K (SFS 1257), E=B600KX (SFS 1259)	
Other steel materials:	S=S235JRG2 (SFS-EN 10025-2)	1.4301 (SFS-EN 10088, AISI 304)
tensile strength-/yield strengths:	B500B=550/500 MPa, B600KX 660/600MPa	S235JRG2=360/235 MPa, 1.4301=520/210MPa
Extension lengths:	T8-500, T10-650, T12-750, T16-1000	MESHES 2, pitches
Maximum amount of chloride	SFS 7022	

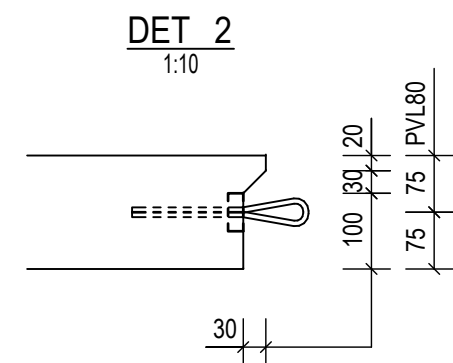
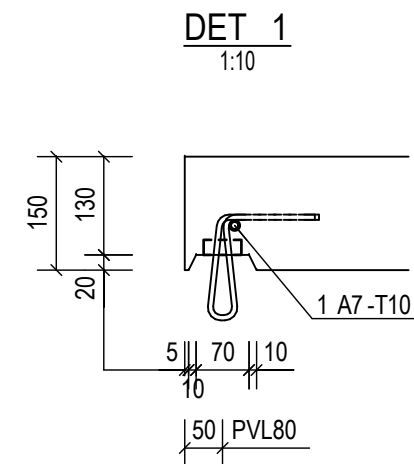
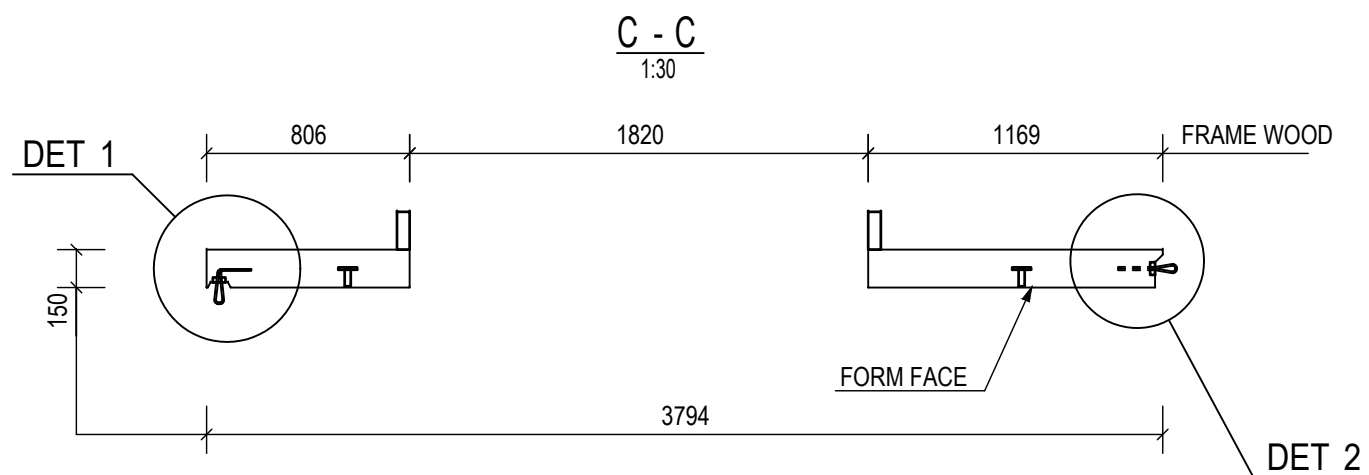
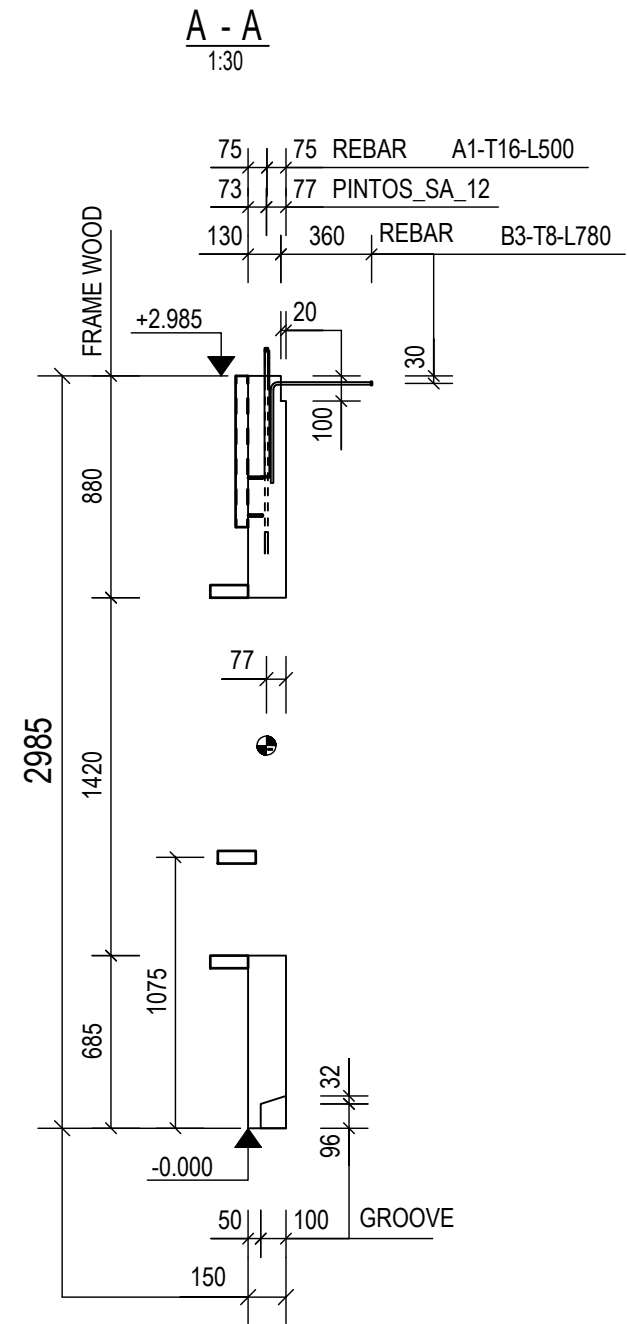
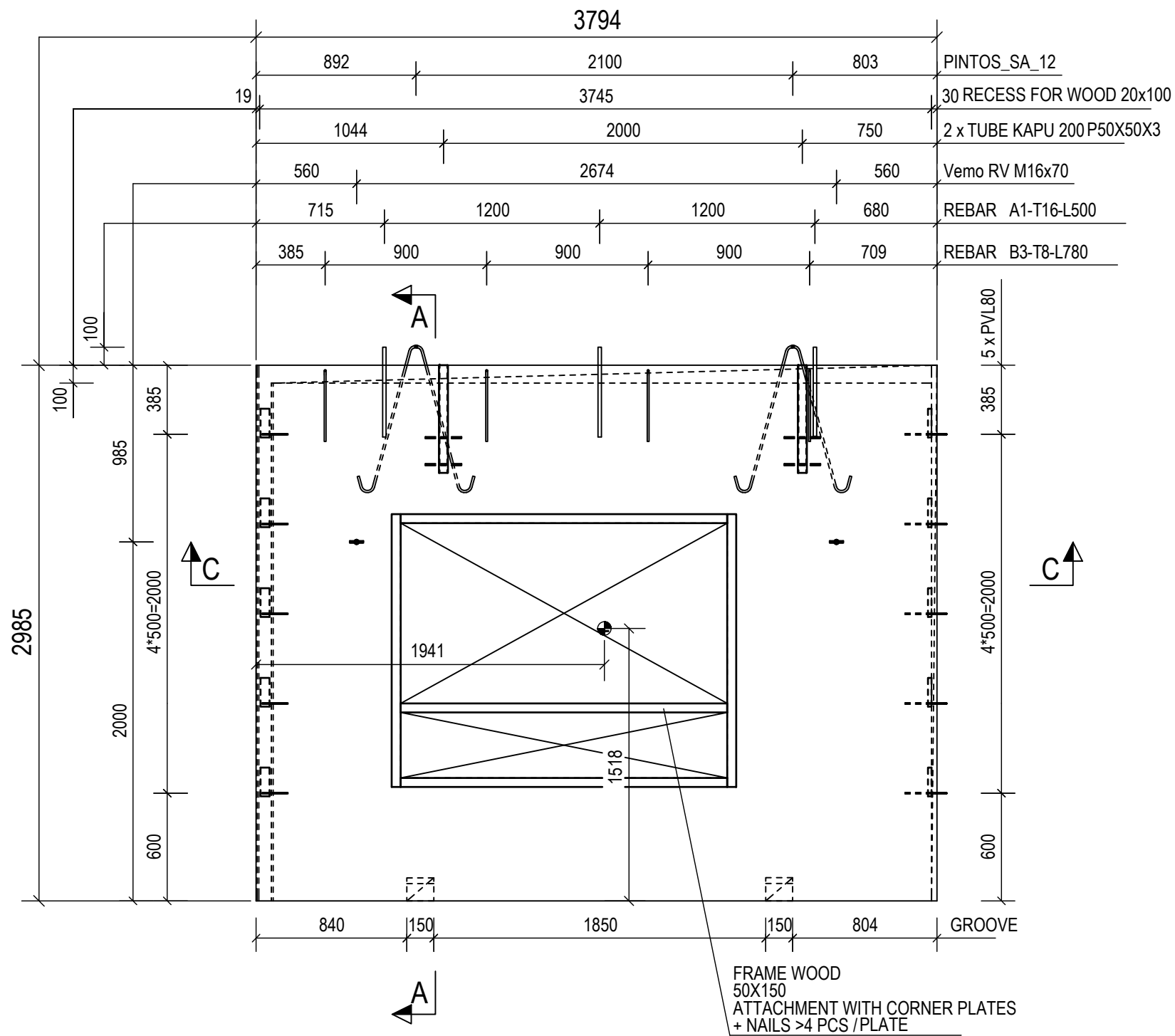
Electrical installations: Betonelementtien sähköasennukset 2012

Viewing direction shown in the plan drawing according to the element's ID reading direction from outside to inside.

Normative reference: Wall elements: SFS 7026

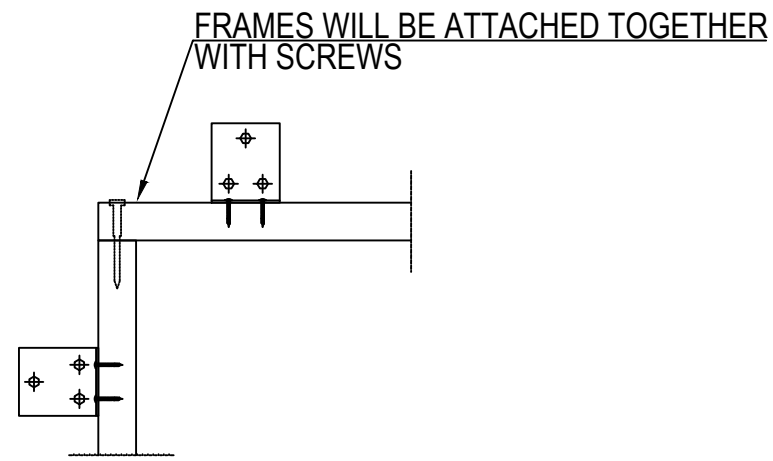
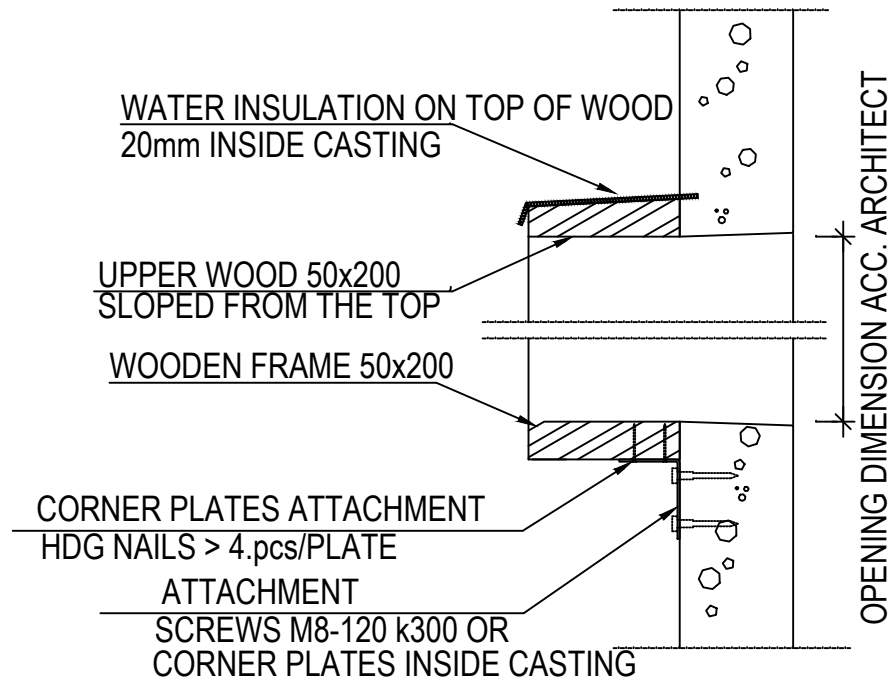
Center of Gravity :

PROJECT NAME		DRAWING CONTENT		SCALES
		ELEMENT DRAWING		1:10
		RK-1, INNER PANEL		1:25
		NON- LOAD BEARING		1:30
DRAWER	DESIGNER			
INITIALS	Education + Name			
CHECKER	ACCEPTOR			
Education + Name	Education + Name			
www.office.com		PROJECT NUMBER	SUB NUMBER	DWG. NO.
Designing office Address PO Box Phone firstname.lastname@office.com				RK-1
		DESIGN GROUP	PAGE	DATE
		STR	1 / 5	20.03.2020
				REVISION



PROJECT NAME RK-1	PROJECT NUMBER	SUB NUMBER	DWG. NO. RK-1
	DESIGN GROUP STR	PAGE 2 / 5	DATE 20.03.2020
			REVISION

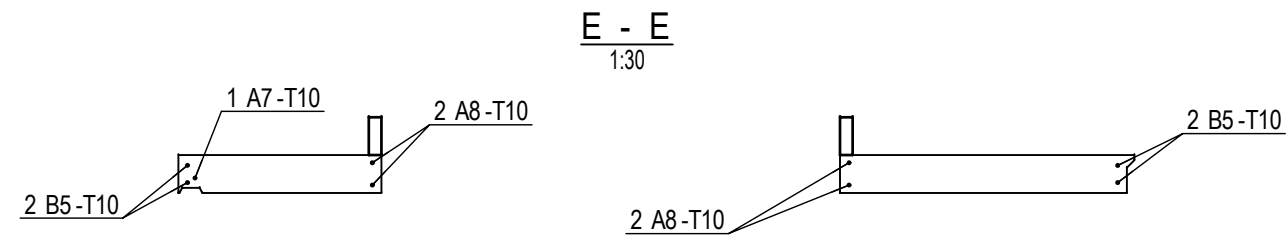
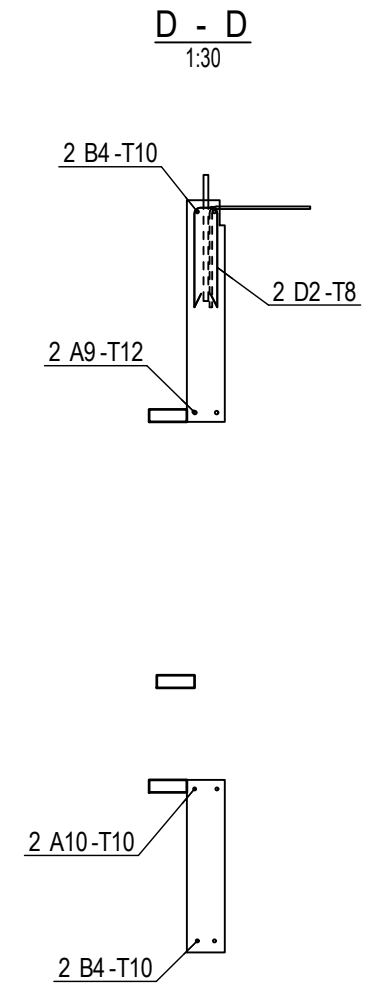
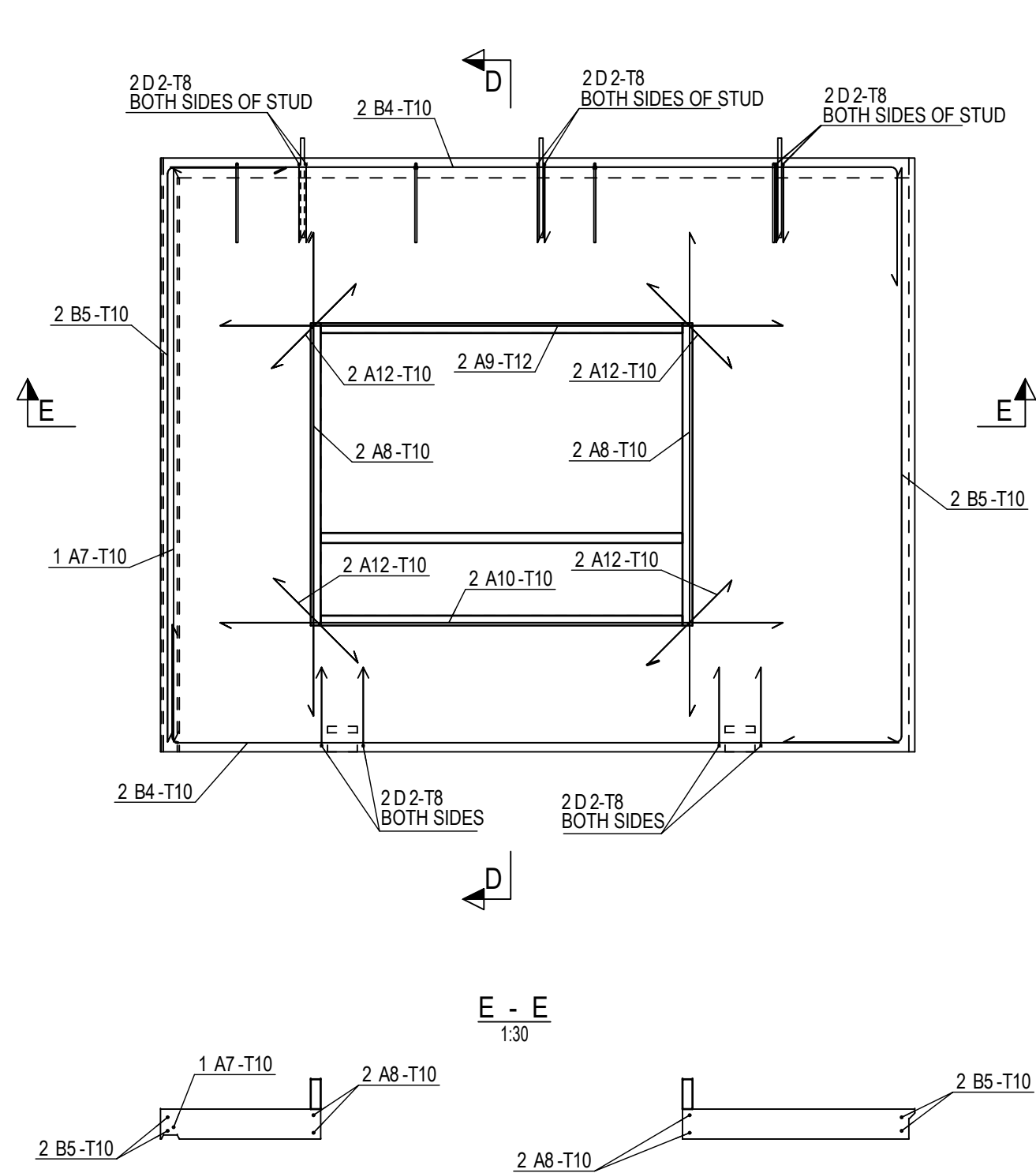
ATTACHMENT OF FRAME WOOD



PROJECT NAME RK-1	PROJECT NUMBER	SUB NUMBER	DWG. NO. RK-1	
	DESIGN GROUP STR	PAGE 3 / 5	DATE 20.03.2020	REVISION

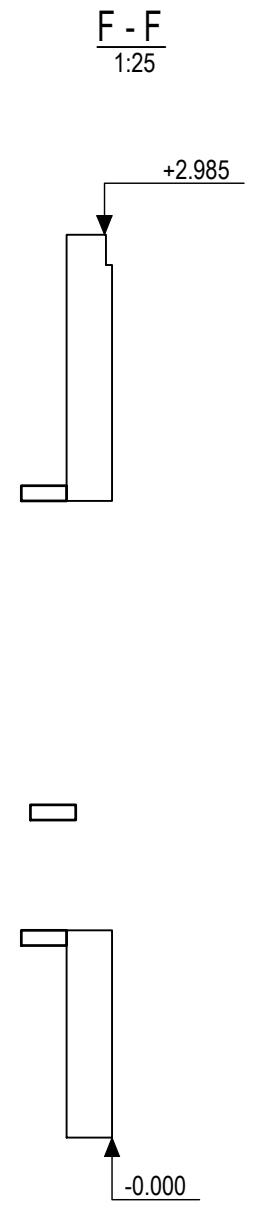
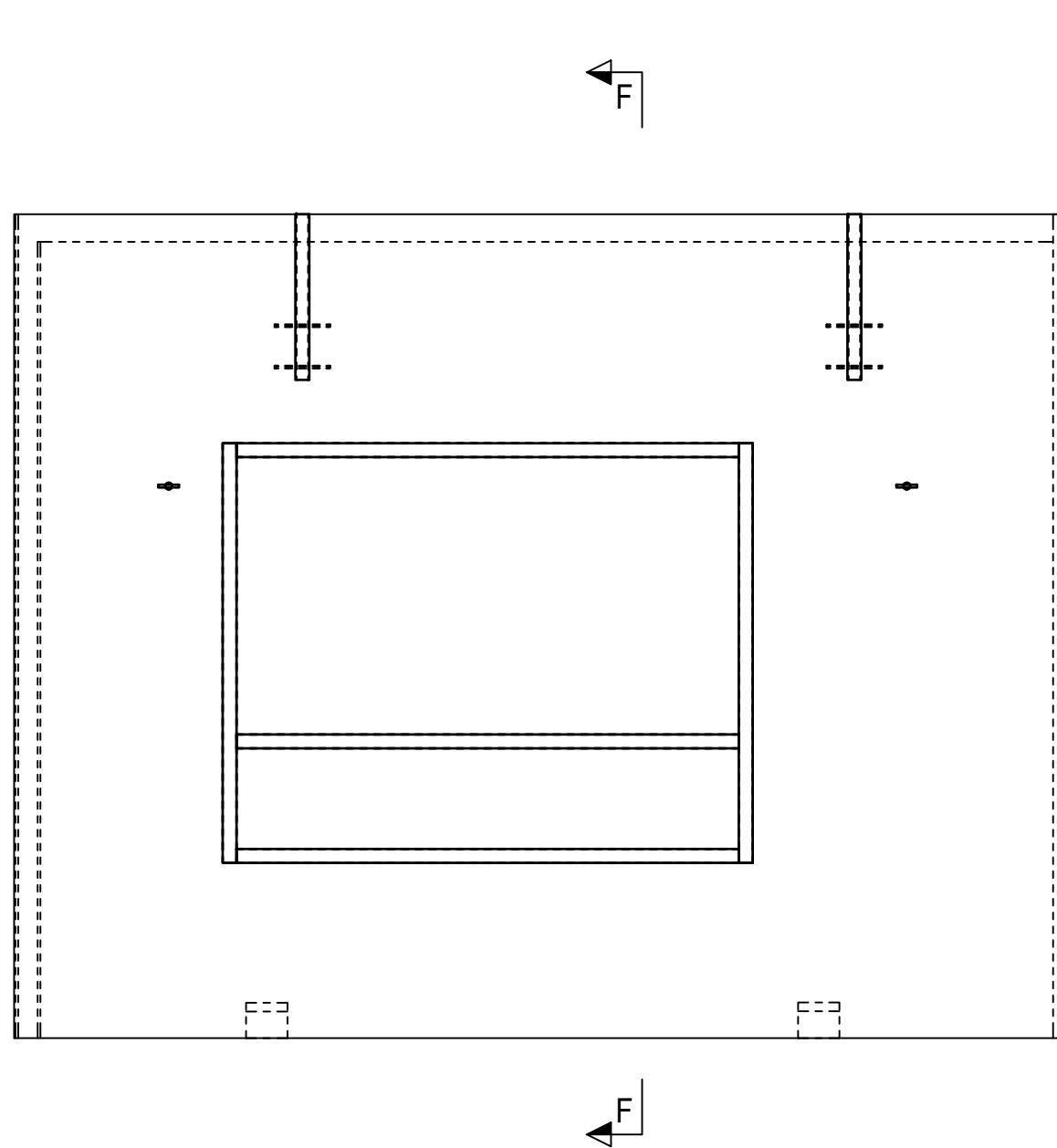
REINFORCING BAR LIST																	
REINFORCING BARS				D	L	dL	WEIGHT	BENDING DIMENSIONS [mm]								COMMENT	
TYPE	POS	PCS	GRADE	[mm]	[mm]	[mm]	SUM [kg]	a	b	c	d	e	u	v	x	TD	
A	1	3	B500B	16	500		2.4	500									
D	2	10	B500B	8	860		3.4	400	101	400						36	
B	3	4	B500B	8	780		1.2	400	400							36	
B	4	4	B500B	10	4240		10.5	3661	600							46	
B	5	4	B500B	10	3470		8.6	2892	600							46	
A	7	1	B500B	10	2890		1.8	2885									
A	8	4	B500B	10	2430		6.0	2430									
A	9	2	B500B	12	2830		5.0	2830									
A	10	2	B500B	10	2830		3.5	2830									
A	12	8	B500B	10	600		3.0	600									
REINFORCING BAR TOTAL WEIGHT [kg]:																45.3	
REINFORCEMENT MESH LIST																	
REINFORCEMENT MESH TOTAL WEIGHT [kg]:																0.0	

REINFORCEMENT EXAMPLE



PROJECT NAME RK-1	PROJECT NUMBER	SUB NUMBER	DWG. NO. RK-1	
	DESIGN GROUP STR	PAGE 4 / 5	DATE 20.03.2020	REVISION

FOR THE MARKING OF ELECTRICAL ACCESSORIES



ELEMENT DOES NOT INCLUDE ELECTRICAL ACCESSORIES
DD.MM.YYYY

ELECTRICITYDESIGNER
ADDRESS
PHONE
firstname.lastname@office.com

PROJECT NAME RK-1	PROJECT NUMBER	SUB NUMBER	DWG. NO. RK-1	
	DESIGN GROUP STR	PAGE 5 / 5	DATE 20.03.2020	REVISION