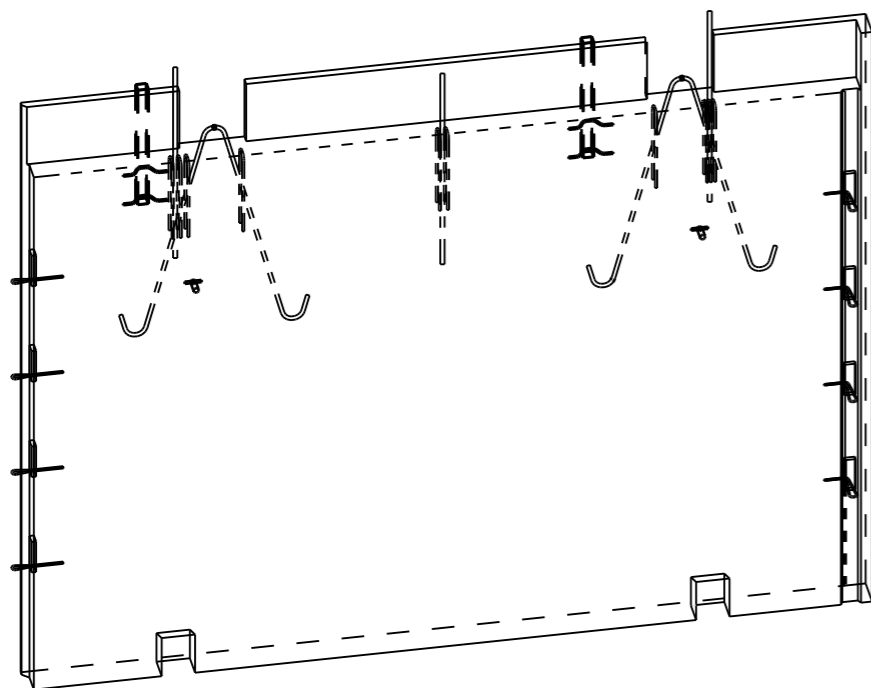
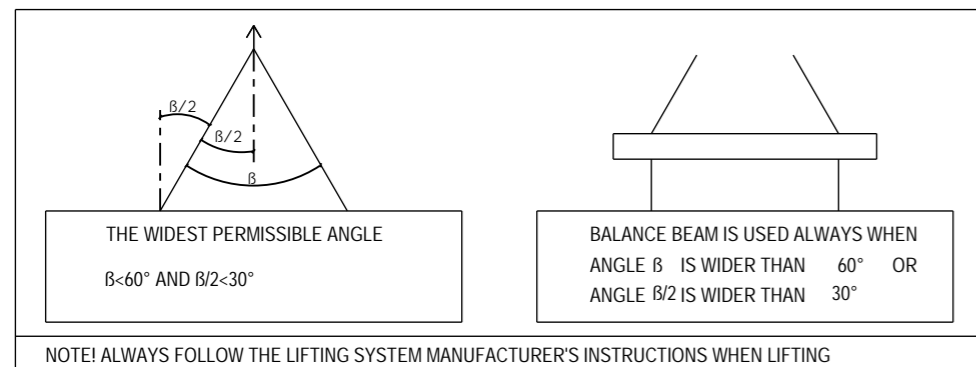


EMBED LIST			
CAST UNIT WEIGHT IS CALCULATED USING CONCRETE VOLUME AND DENSITY 2500 kg/m3 + weight of embedded objects.			
ELEMENT POSITION	PCS	AREA [m2]	
SK-3	1	11.33	
CONCRETE	NAME	VALUE	UNIT
C30/37	INNER PANEL	1.57	m <sup>3</sup>
ELEMENT TOTAL WEIGHT:			3.93 t
VALUE	UNIT	EMBEDS	
2	pcs	PINTOS_SA_16 S235JR	
8	pcs	PVL80	
2	pcs	Vemo RV M16x70 S235JR+AR Immersion 5 mm	
4	pcs	AnchorRebar D8 L=731mm B500B	
2	pcs	TUBE P50X50X3 L=600mm TUBE	
8.0	kg	#6-150 6-150.0-3724/730 B500K	
99.3	kg	#8-150 8-150.0-2635/3714 B500K	
17.7	kg	B500B ø8	
19.8	kg	B500B ø10	
4.7	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



#### GENERAL INFORMATION

Planned life time	100 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	

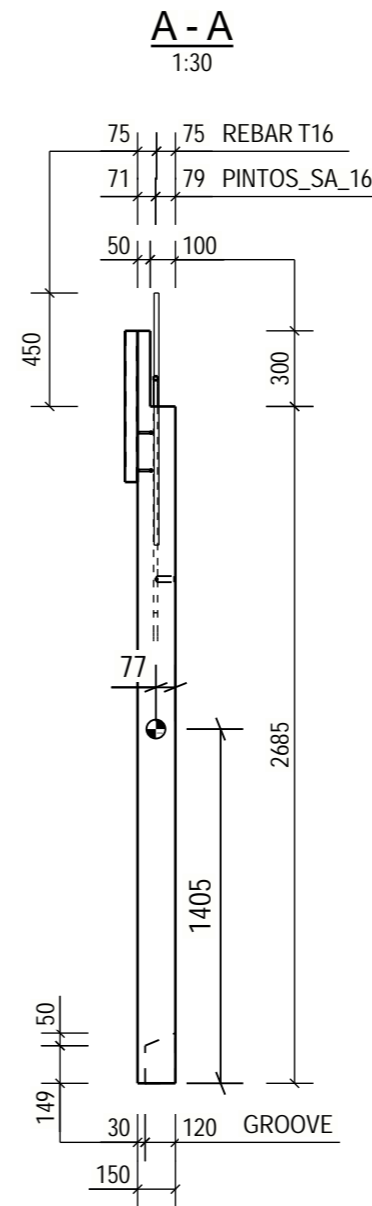
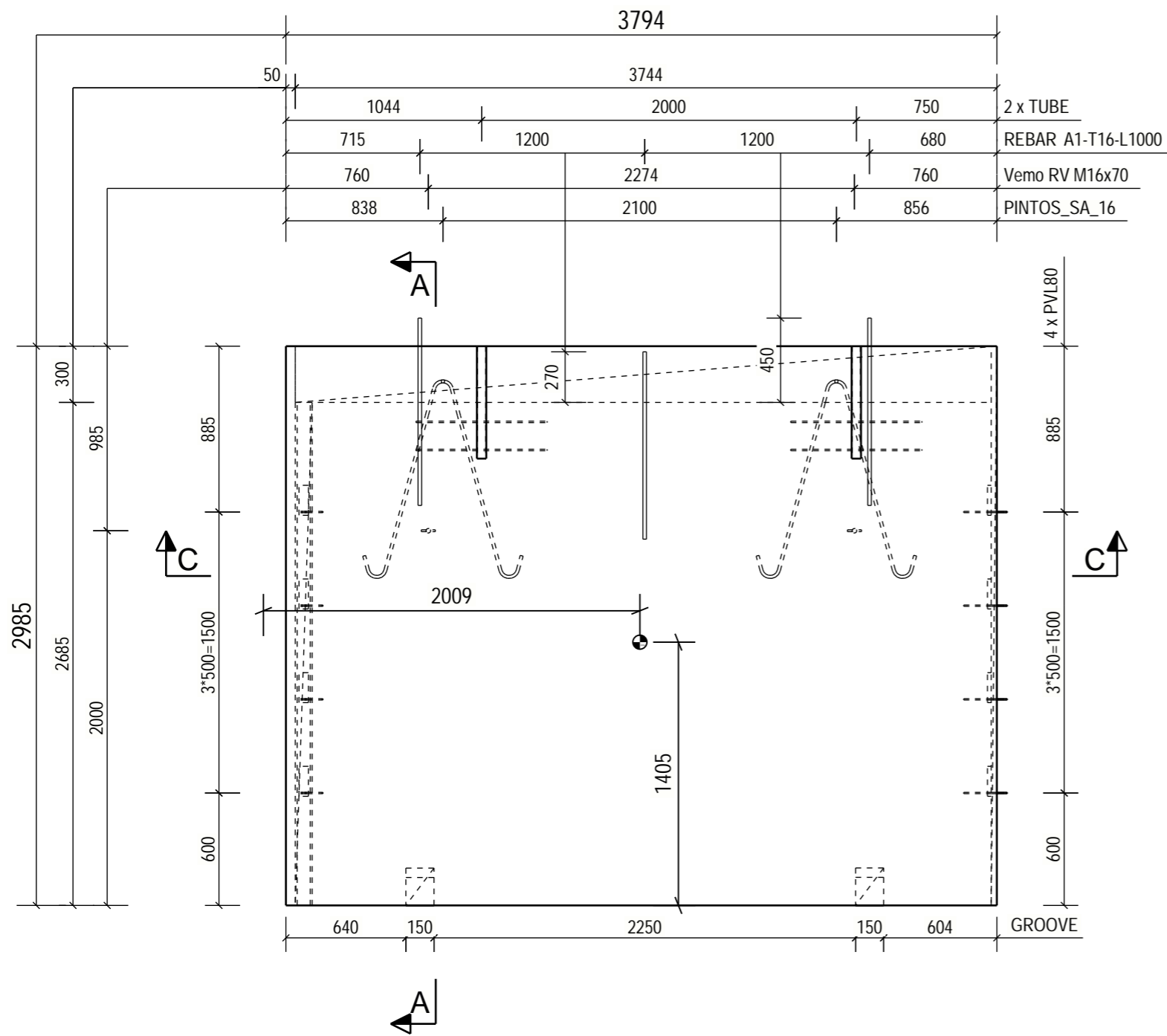
Electrical installations: Betonelementtien sähköasennukset 2012

Viewing direction shown in the plan drawing according to elements ID reading direction from outside to inside

Normative reference: Wall elements: SFS 7026

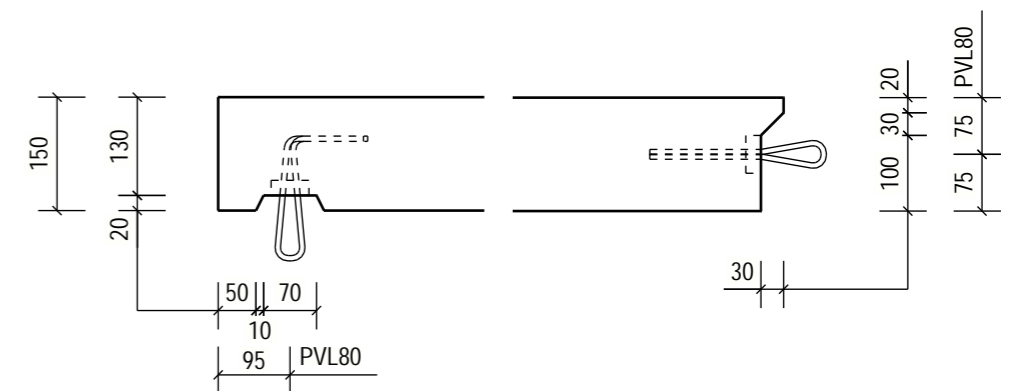
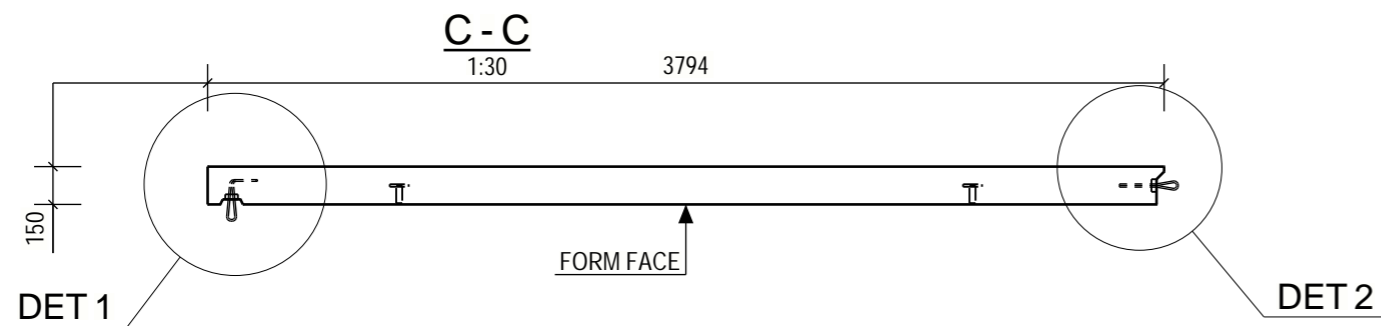
Center of Gravity :

PROJECT NAME		DRAWING CONTENT		SCALES
		ELEMENT DRAWING		1:10
		SK-3, INNER PANEL		1:30
DRAWER	DESIGNER			
INITIALS	Education + Name			
CHECKER	ACCEPTOR			
Education + Name	Education + Name			
Designing office Address 12345 Helsinki 020 123 4567 www.office.com firstname.lastname@office.com		PROJECT NUMBER	SUB NUMBER	DWG. NO.
				SK-3
		DESIGN GROUP	PAGE	DATE
		STR		20.03.2020
				REVISION



DET 1  
1:10

DET 2  
1:10



PROJECT NAME SK-3	PROJECT NUMBER	SUB NUMBER	DWG. NO. SK-3
	DESIGN GROUP RAK	PAGE 2 / 4	DATE 20.03.2020
			REVISI

**REINFORCING BAR LIST**

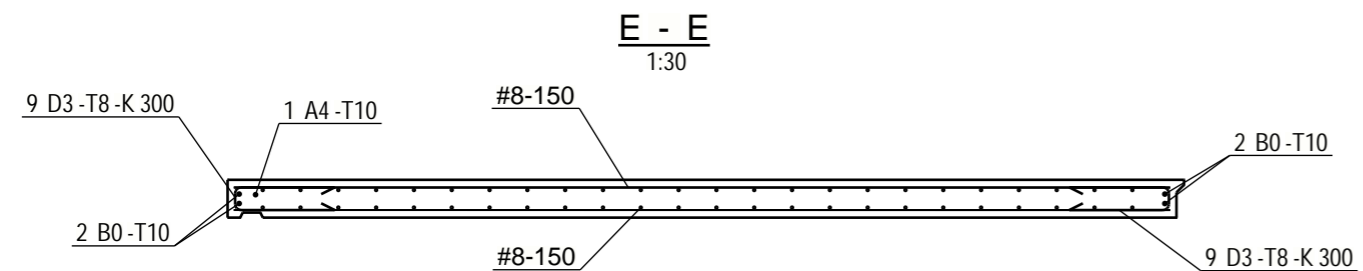
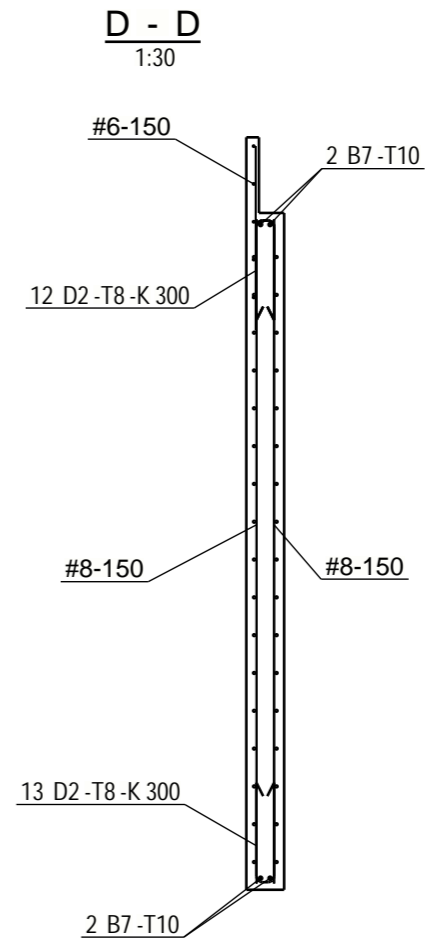
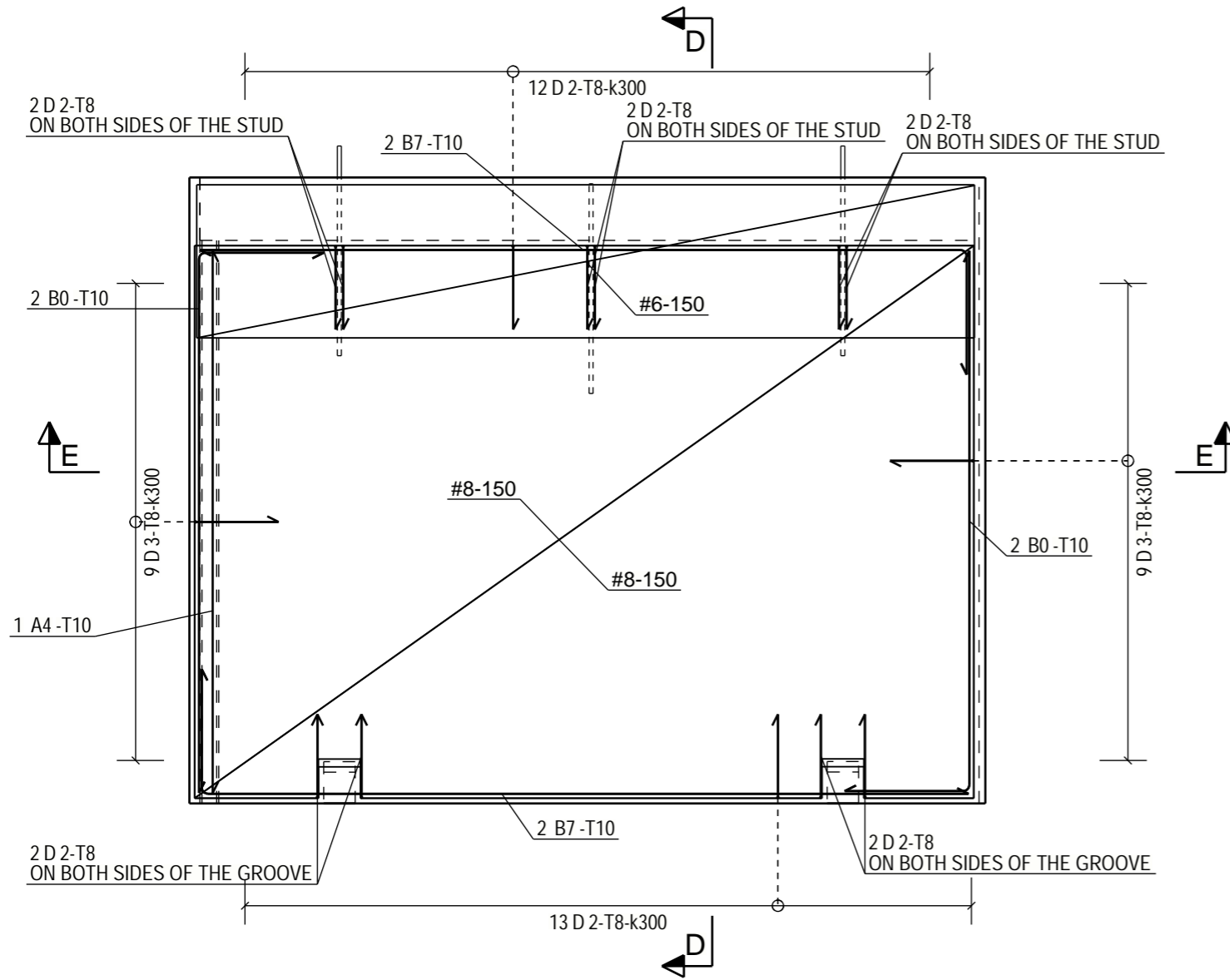
REINFORCING BARS		D	L	dL	WEIGHT	BENDING DIMENSIONS [mm]										COMMENT		
TYPE	POS	PCS	GRADE	[mm]	[mm]	[mm]	SUM [kg]	a	b	c	d	e	u	v	x	TD		
B	0	4	B500B	10	3160		7.8	2582	600								46	
A	1	3	B500B	16	1000		4.7	1000										
D	2	35	B500B	8	840		11.6	400	80	400							36	
D	3	18	B500B	8	860		6.1	400	100	400							36	
A	4	1	B500B	10	2590		1.6	2586										
B	7	4	B500B	10	4240		10.5	3661	600								46	

REINFORCING BAR TOTAL WEIGHT [kg]: 42.3

**REINFORCEMENT MESH LIST**

POS	PCS	GRADE	SIZE	NAME	kg/MESH	kg/SUM
SK-9	1	B500K	3714 x 2635	#8-150	49.6	49.6
SK-10	1	B500K	3714 x 2635	#8-150	49.6	49.6
SK1-1011	1	B500K	730 x 3724	#6-150	8.0	8.0

REINFORCEMENT MESH TOTAL WEIGHT [kg]: 107.3

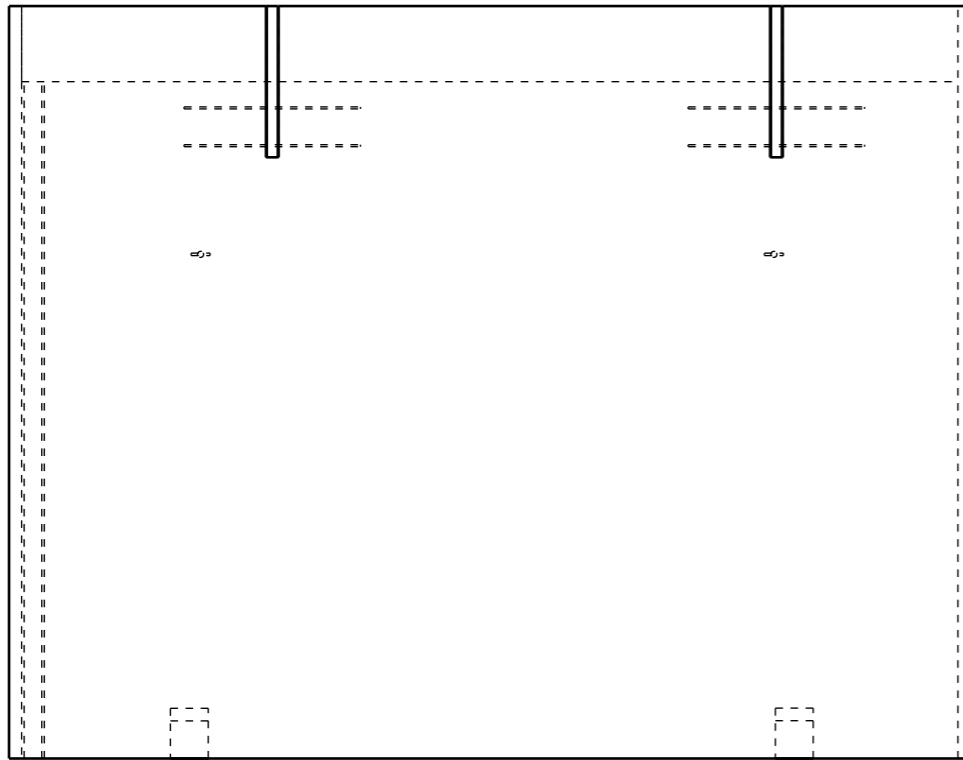


PROJECT NAME SK-3	PROJECT NUMBER	SUB NUMBER	DWG. NO. SK-3	
	DESIGN GROUP RAK	PAGE 3 / 4	DATE 20.03.2020	REVISI

# FOR THE MARKING OF ELECTRICAL ACCESSORIES



F - F  
1:30



ELEMENT DOES NOT INCLUDE ELECTRICAL ACCESSORIES  
DD.MM.YYYY

ELECTRICITYDESIGNER  
ADDRESS  
PHONE  
firstname.lastname@office.com

PROJECT NAME SK-3	PROJECT NUMBER	SUB NUMBER	DWG. NO. SK-3	
	DESIGN GROUP RAK	PAGE 4 / 4	DATE 20.03.2020	REVISI