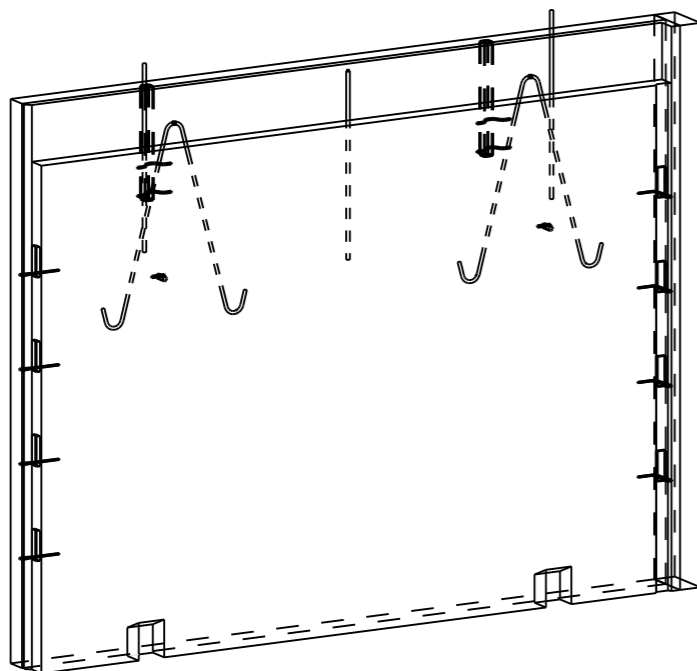
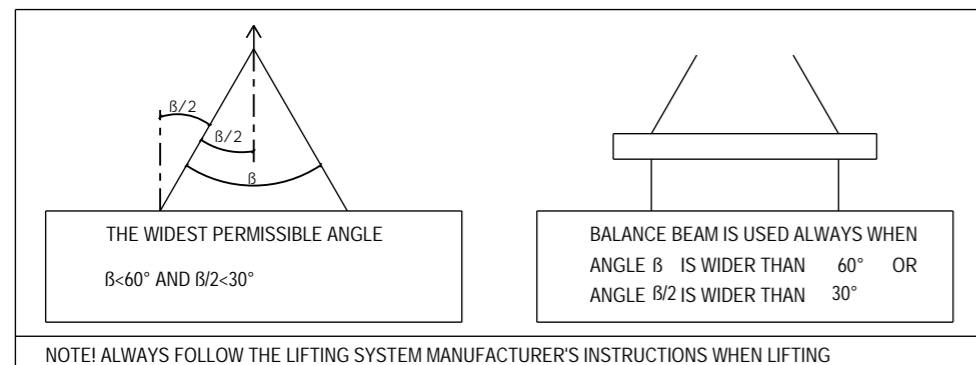


EMBED LIST			
CAST UNIT WEIGHT IS CALCULATED USING CONCRETE VOLUME AND DENSITY 2500 kg/m ³ + weight of embedded objects.			
ELEMENT POSITION	PCS	AREA [m ²]	
SKE-3	1	11.33	
CONCRETE	NAME	VALUE	UNIT
C30/37	INNER PANEL, INSULATED	1.57	m ³
ELEMENT TOTAL WEIGHT:			3.98 t
VALUE	UNIT	EMBEDS	
2	pcs	PINTOS_SA_16 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	
11.3	m ²	INSULATION, KINGSPAN Kooltherm_K15 120MM	
0.8	m ²	INSULATION, KINGSPAN Kooltherm_K15 120mm	
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	

INSULATION JOINTS ARE FOAMED WITH PU FOAM
 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	

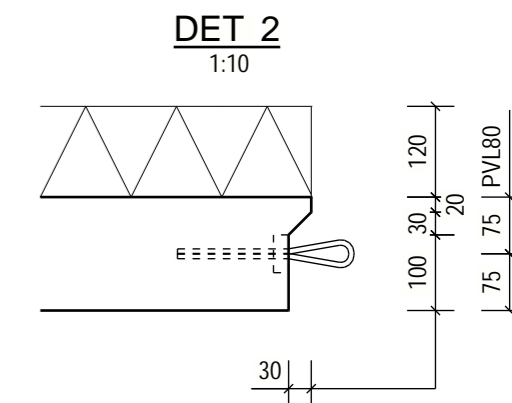
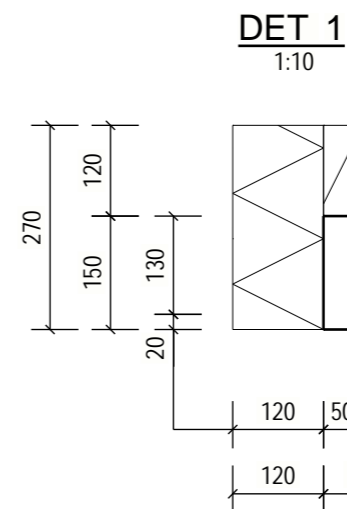
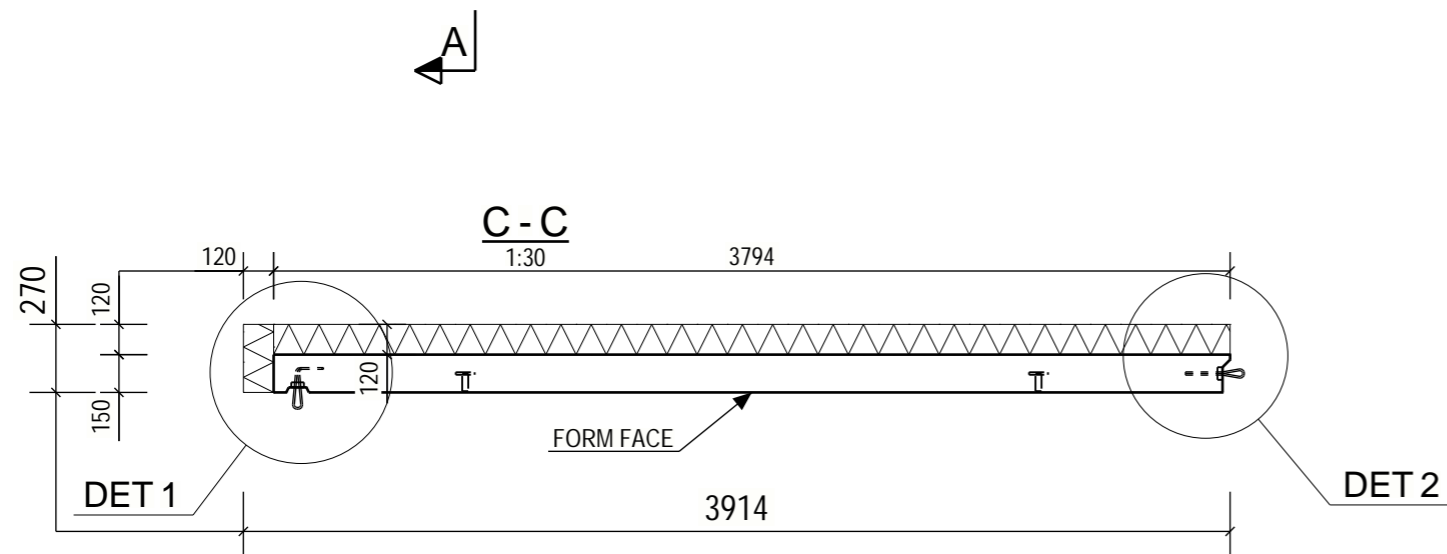
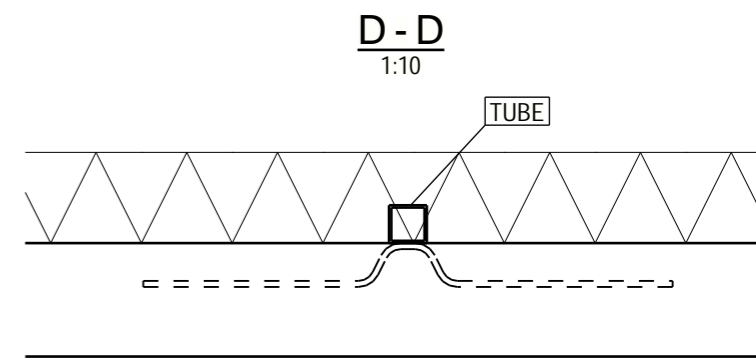
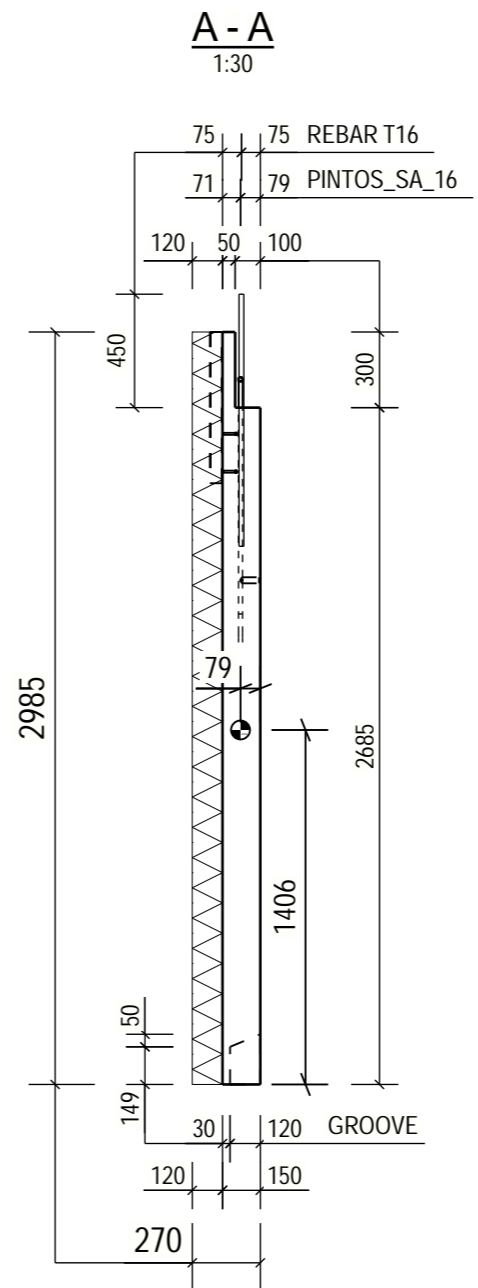
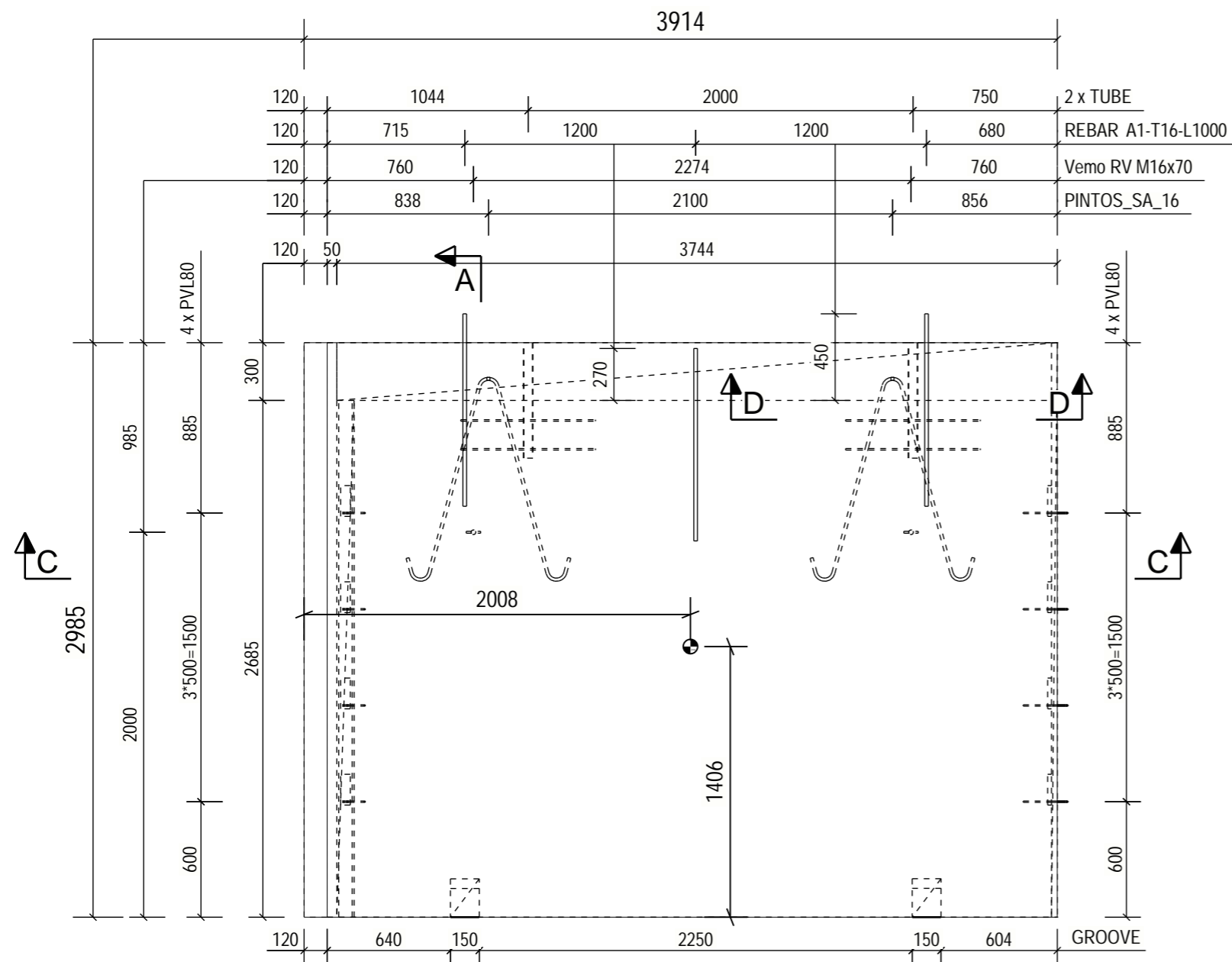
PRODUCT INFORMATION

Concrete	C30/37	SFS-EN 206, SFS 7022
Concrete cover 1	25 mm ±10	
Max aggregate size	16mm	
Tolerance class	Measurement class, normal	Betonielementtien 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: Betonielementtien sähköasennukset 2012
 Attachment of insulation: Mechanical stainless steel attachments, >4 kpl/m²
 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 :

ELEMENTS UPPER EDGE AND WINDOW OPENINGS WILL BE COVERED WITH KIILTO INSULATION SAFE

PROJECT NAME		DRAWING CONTENT		SCALES
		ELEMENT DRAWING		1:10
		SKE-3, INNER PANEL, INSULATED		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.
				SKE-3
		DESIGN GROUP	PAGE	DATE
		STR		20.03.2020
				REVISION



PROJECT NAME SKE-3	PROJECT NUMBER	SUB NUMBER	DWG. NO. SKE-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		
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	1020	4	B500B	10	4240		10.5	3661	600									46
B	1021	4	B500B	10	3160		7.8	2582	600									46

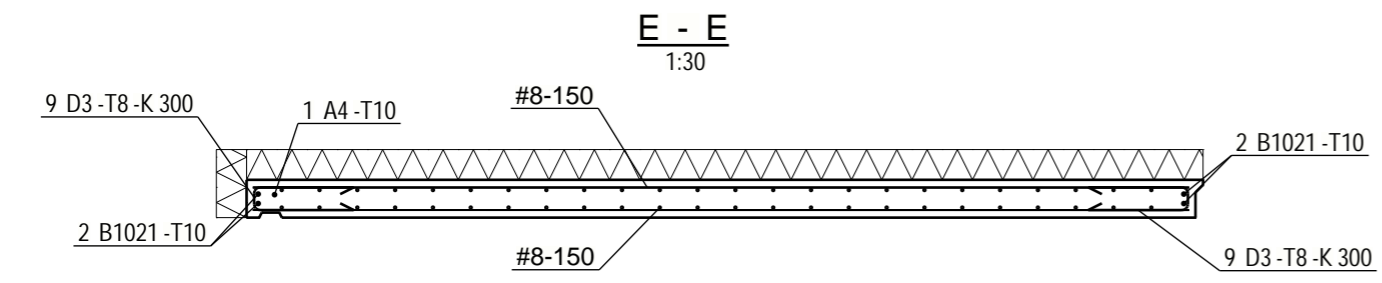
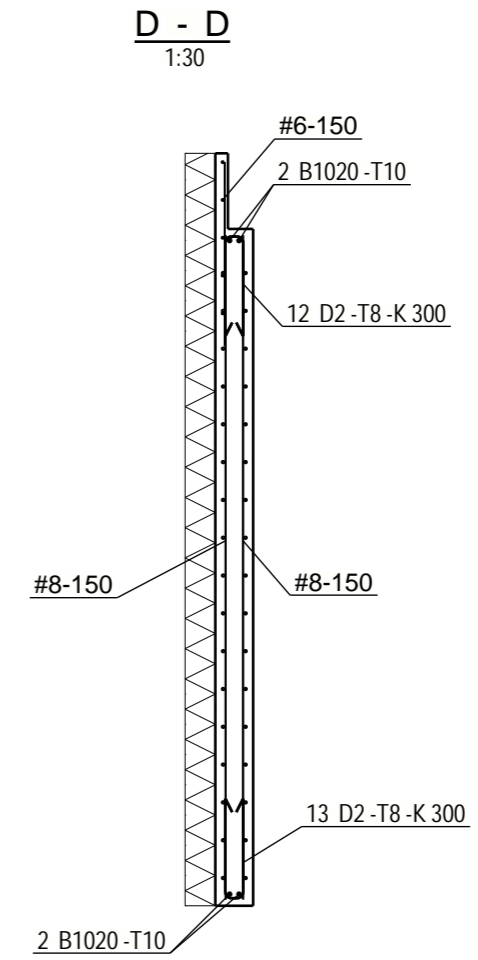
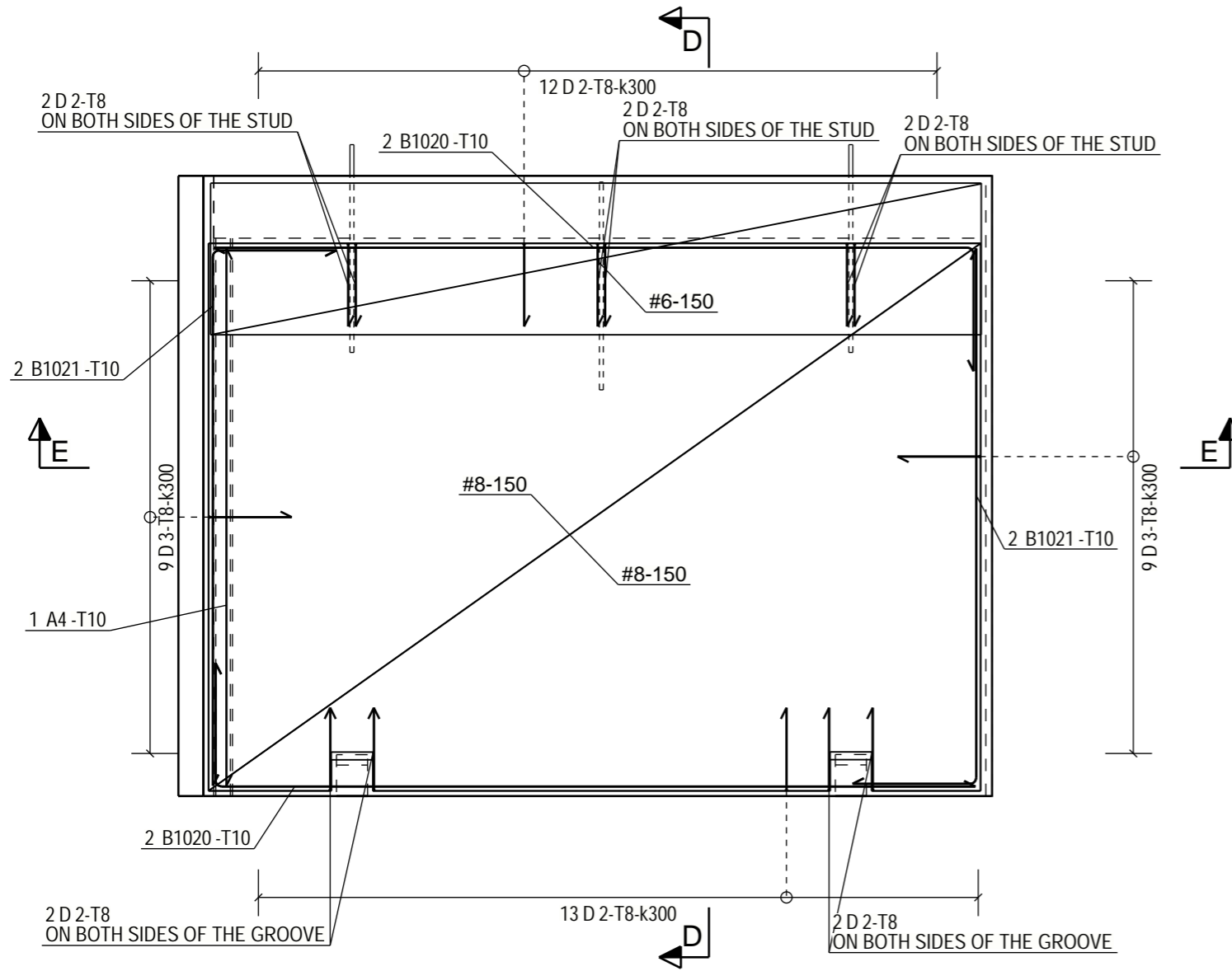
REINFORCING BAR TOTAL WEIGHT [kg]: 42.3

REINFORCEMENT MESH LIST

POS	PCS	GRADE	SIZE	NAME	kg/MESH	kg/SUM
SK-5	1	B500K	3714 x 2635	#8-150	49.6	49.6
SK-6	1	B500K	3714 x 2635	#8-150	49.6	49.6
SK-8	1	B500K	730 x 3724	#6-150	8.0	8.0

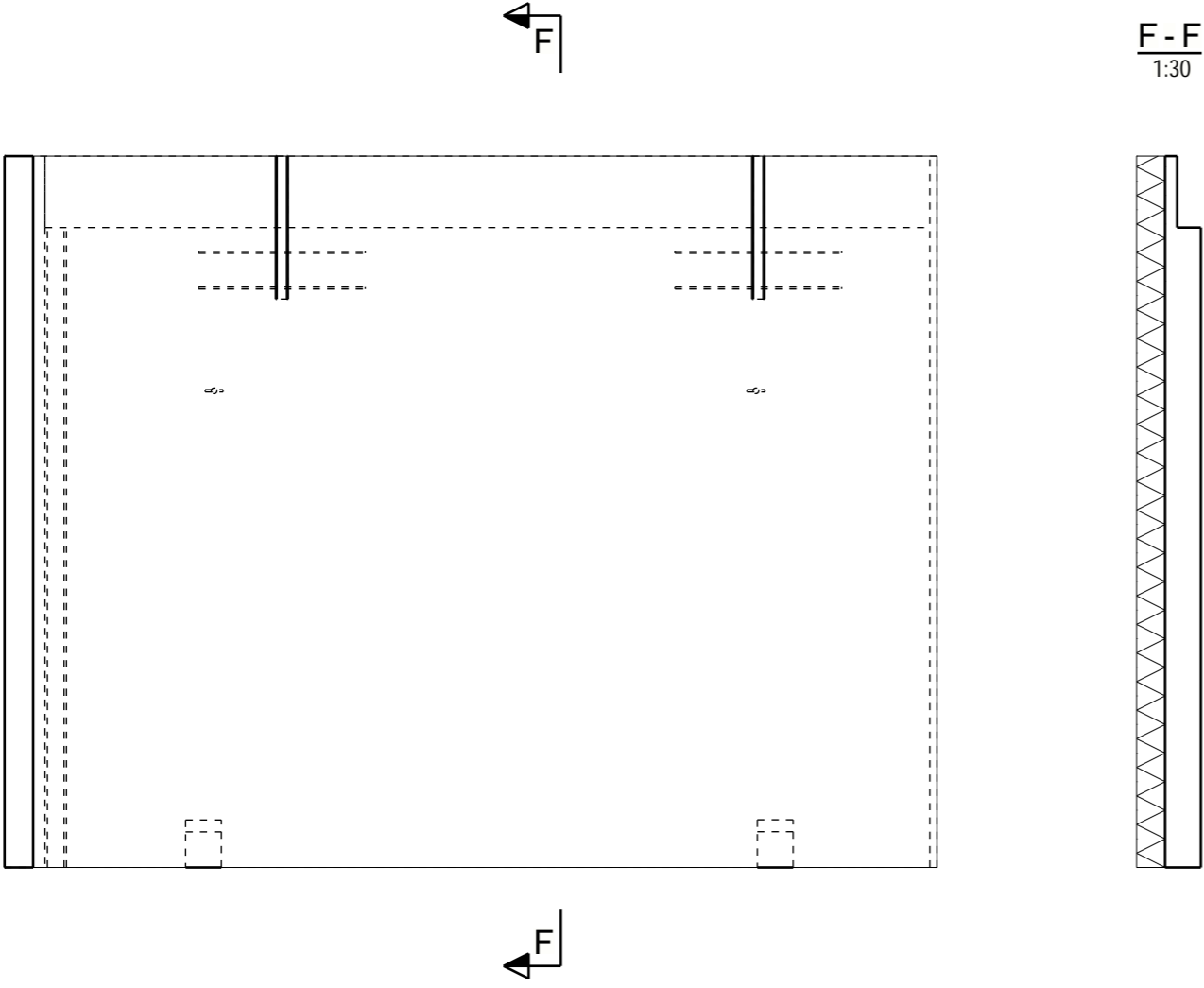
REINFORCEMENT MESH TOTAL WEIGHT [kg]: 107.3

REINFORCEMENT EXAMPLE



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

FOR THE MARKING OF ELECTRICAL ACCESSORIES



ELEMENT DOES NOT INCLUDE ELECTRICAL ACCESSORIES
DD.MM.YYYY

ELECTRICITYDESIGNER
ADDRESS
PHONE
firstname.lastname@office.com

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