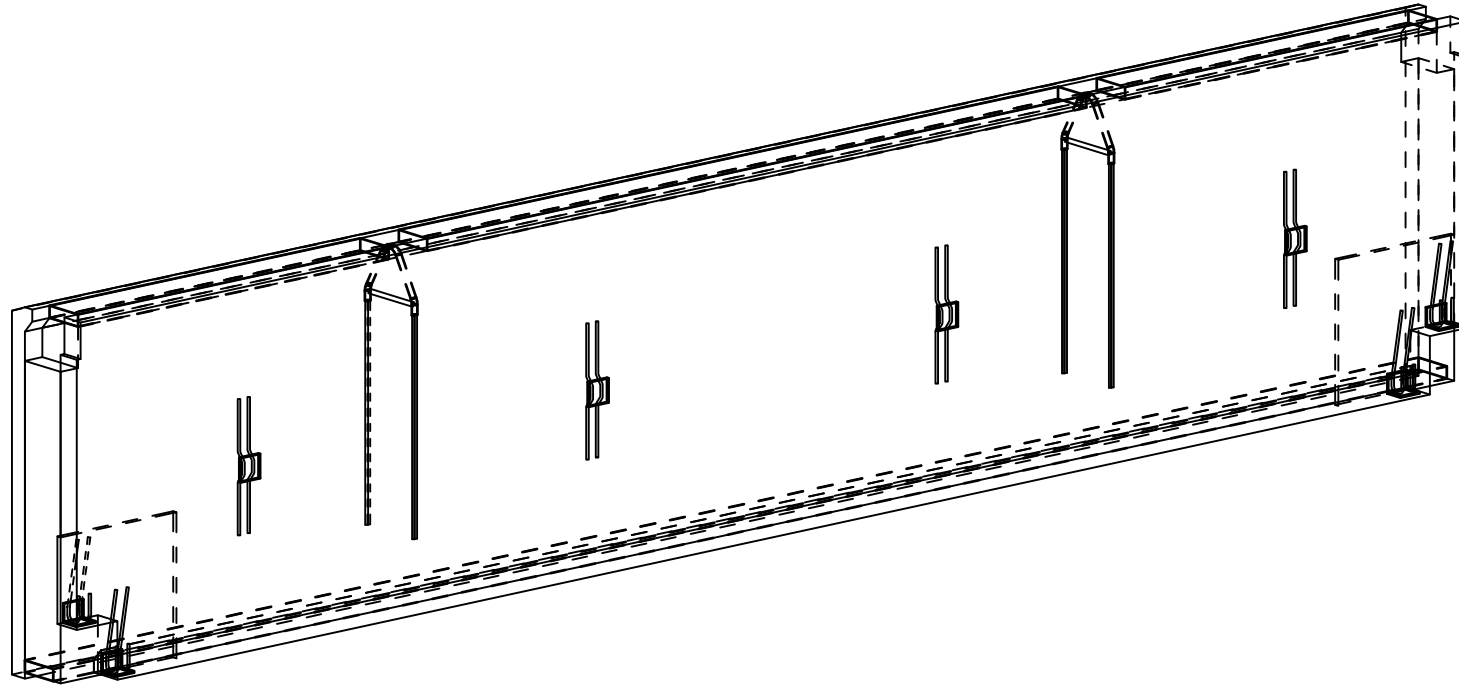


EMBED LIST			
CAST UNIT WEIGHT IS CALCULATED USING CONCRETE VOLUME AND DENSITY 2500kg/m ³ + weight of embedded objects.			
ELEMENT POSITION	PCS	AREA [m ²]	
N-1	1	11.01	
CONCRETE	NAME	VALUE	UNIT
C30/37	INNER PANEL	1.11	m ³
C30/37 WEATHER RESISTANCE	OUTER PANEL	0.90	m ³
ELEMENT TOTAL WEIGHT:			5.29 t
VALUE	UNIT	EMBEDS	
2.0	kpl	PNLF4_E220 alpha max 30°	
4.0	kpl	RT24	
4.0	kpl	RT38	
14.2	jm	FRAME WOOD 50X175 C24	
10.1	m ²	Thermal insulation PAROC_COS5ggt 220MM	
54.6	kg	IP-#8-150 8-150-1430/7110 B500K	
21.5	kg	OP-#5-150 5-150-1445/7170 B600KX	
37.1	kg	B500B ø12	
6.4	kg	B600KX ø7	

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

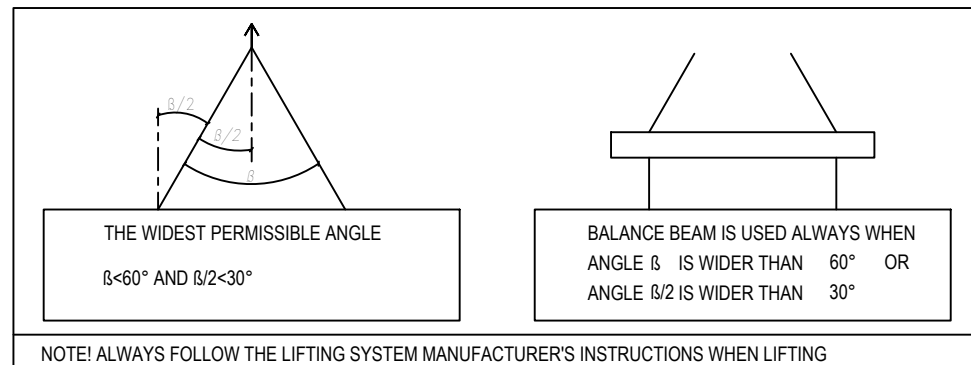


GENERAL INFORMATION		
Planned life time	50 Years	Inner panel
	50 Years	Outer panel
Exposure class	XC1	Inner panel
	XC3,4;XF1	Outer panel
Fire resistance class	R60	
Consequence class	CC2	

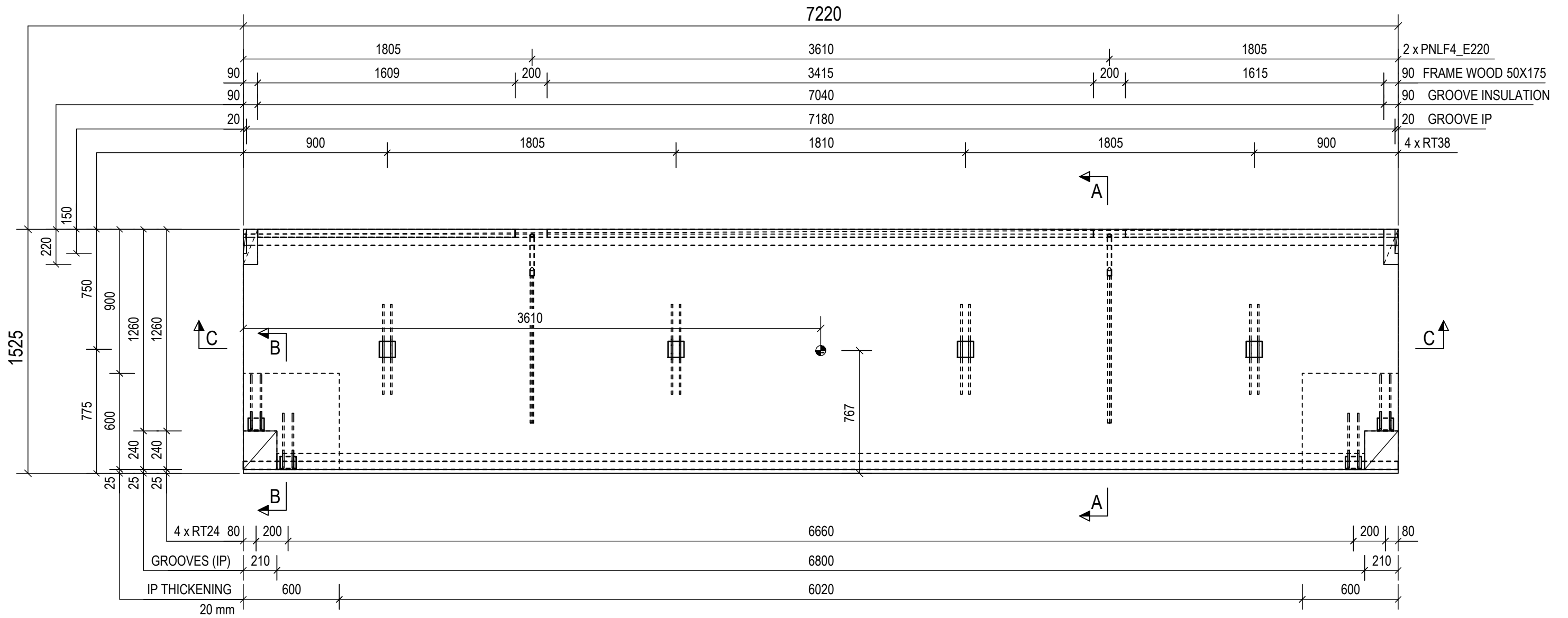
PRODUCT INFORMATION		
Concrete	C30/37	SFS-EN 206, SFS 7022
Concrete cover 1	25 mm +/- 10 mm Inner panel	
Concrete cover 2	35 mm +/- 10 mm Outer panel	Stainless steel
Max aggregate size	16 mm Inner panel	16 mm Outer panel
Tolerance class	Measurement class, normal	Betonielementtien toleranssit 2011
Surface treatment 1	Form face PESH-A-VAL	(BY40)
Surface treatment 2	Casting face THI -A	(BY40)
Chamfers 1	Pencil rounding on visible edges (kp)	
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	
Ties:	max k600, maximum distance from plates narrow posts as 300-600 mm wide 2.pcs smallest distance from the middle to edge	edge and from lower edge 150 mm is 100 mm.

Electrical installations: Betonielementtien sähköasennukset 2012
 Viewing direction shown in the plan drawing according to the element's ID reading direction from inside to outside.
 Normative reference: Wall elements: SFS 7026
 Center of Gravity :

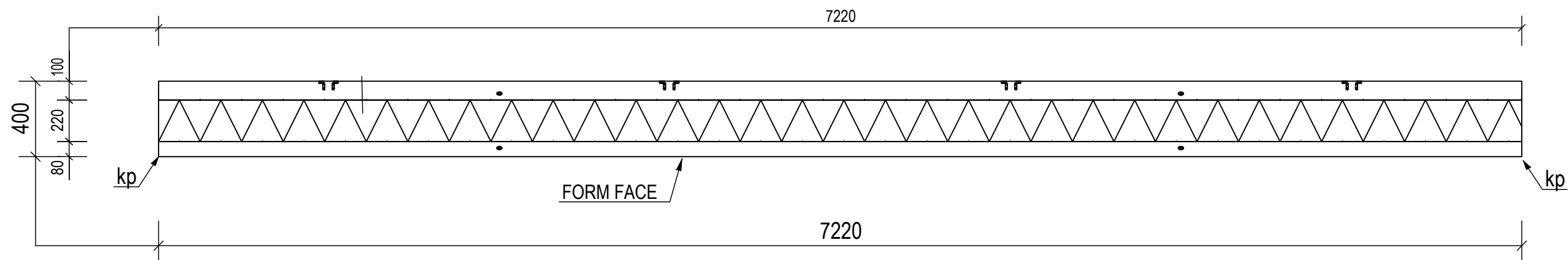
LIFTING ANGLES



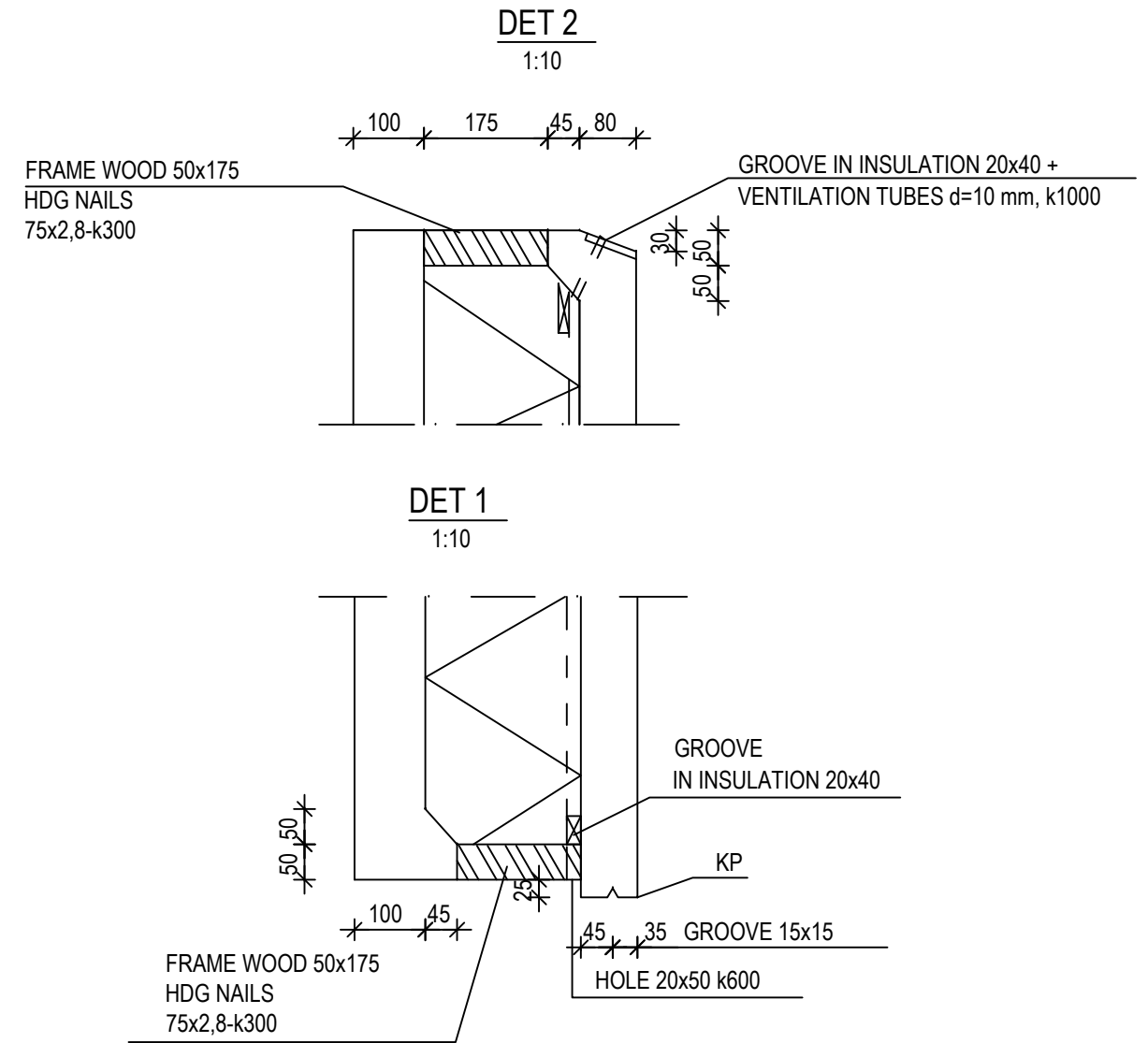
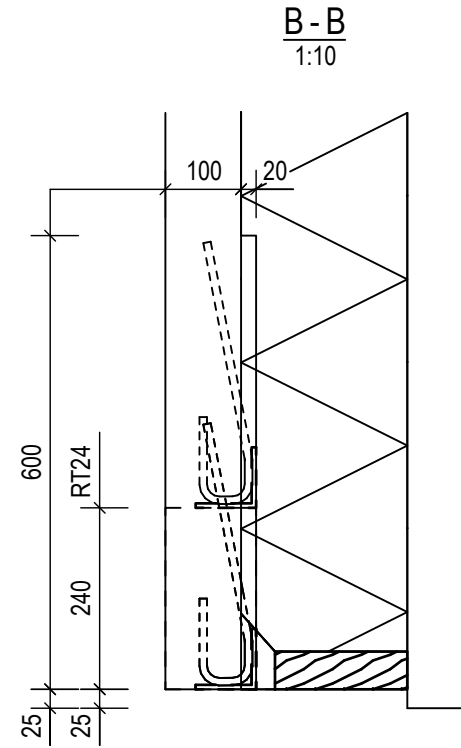
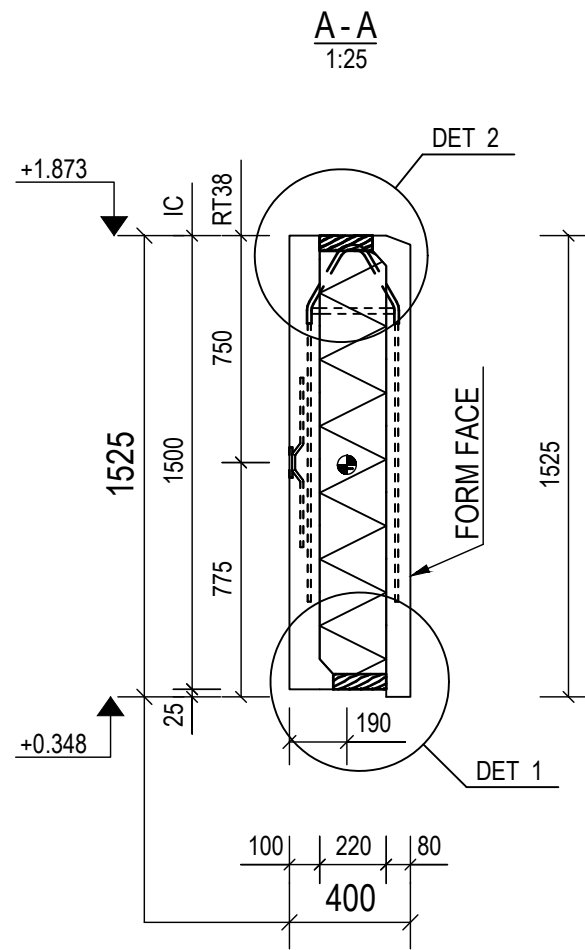
PROJECT NAME		DRAWING CONTENT		SCALES	
		ELEMENT DRAWING		1:10	
		N-1, BAND ELEMENT		1:20	
				1:25	
DRAWER	DESIGNER				
INITIALS	Education + Name				
CHECKER	ACCEPTOR				
Education + Name	Education + Name				
Designing office Address PO Box Phone www.office.com firstname.lastname@office.com		PROJECT NUMBER	SUB NUMBER	DWG. NO.	
		STR	1/5	N-1	
		DESIGN GROUP	PAGE	DATE	REVISION
		STR	1/5	20.03.2020	



C-C
1:25



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



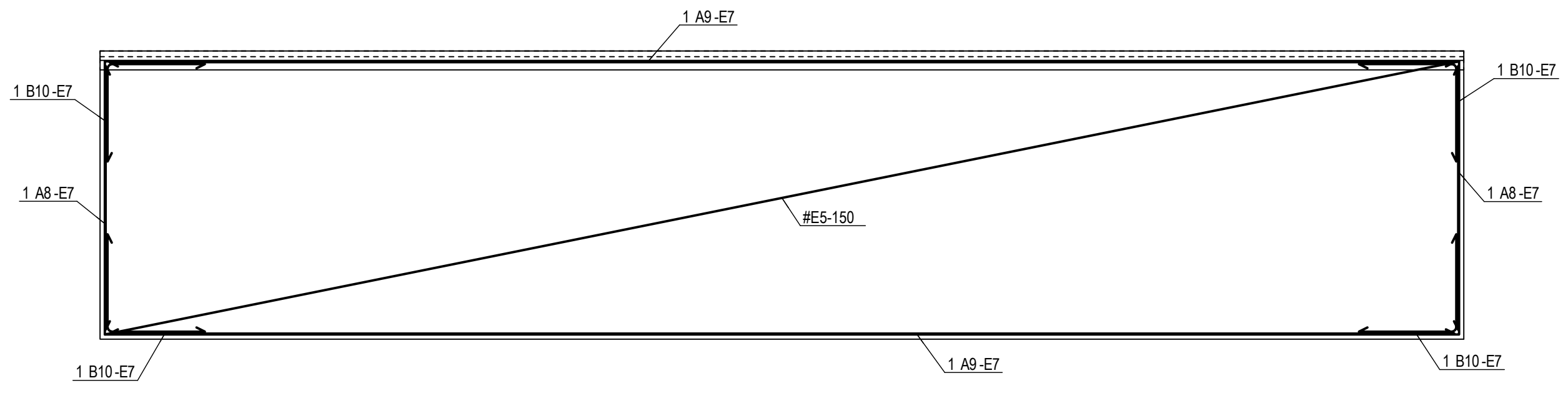
PROJECT NAME	PROJECT NUMBER	SUB NUMBER	DWG. NO.
N-1			N-1
	DESIGN GROUP	PAGE	DATE
	STR	3 / 5	
			REVISION

REINFORCING BAR LIST																	
REINFORCING BARS																	
TYPE	POS	PCS	GRADE	D [mm]	L [mm]	dL [mm]	WEIGHT SUM [kg]	BENDING DIMENSIONS [mm]								TD	COMMENT
								a	b	c	d	e	u	v	x		
B	1	2	B500B	12	1160		2.1	670	520							60	
B	2	2	B500B	12	7430		13.2	6725	735							60	
B	3	2	B500B	12	1660		2.9	1170	520							60	
B	4	2	B500B	12	7580		13.5	7090	520							60	
B	5	2	B500B	12	1210		2.1	720	520							60	
B	6	2	B500B	12	1840		3.3	1185	685							60	
A	8	2	B600KX	7	1400		0.8	1395									
A	9	2	B600KX	7	7120		4.3	7120									
B	10	4	B600KX	7	1020		1.2	520	520							42	
REINFORCING BAR TOTAL WEIGHT [kg]:																43.5	

REINFORCEMENT MESH LIST						
POS	PCS	GRADE	SIZE	NAME	kg/MESH	kg/SUM
N-7	1	B500K	7110 x 1430	IP-#8-150	54.6	54.6
N-11	1	B600KX	7170 x 1445	OP-#5-150	21.5	21.5
REINFORCEMENT MESH TOTAL WEIGHT [kg]:						76.1

REINFORCEMENT EXAMPLE

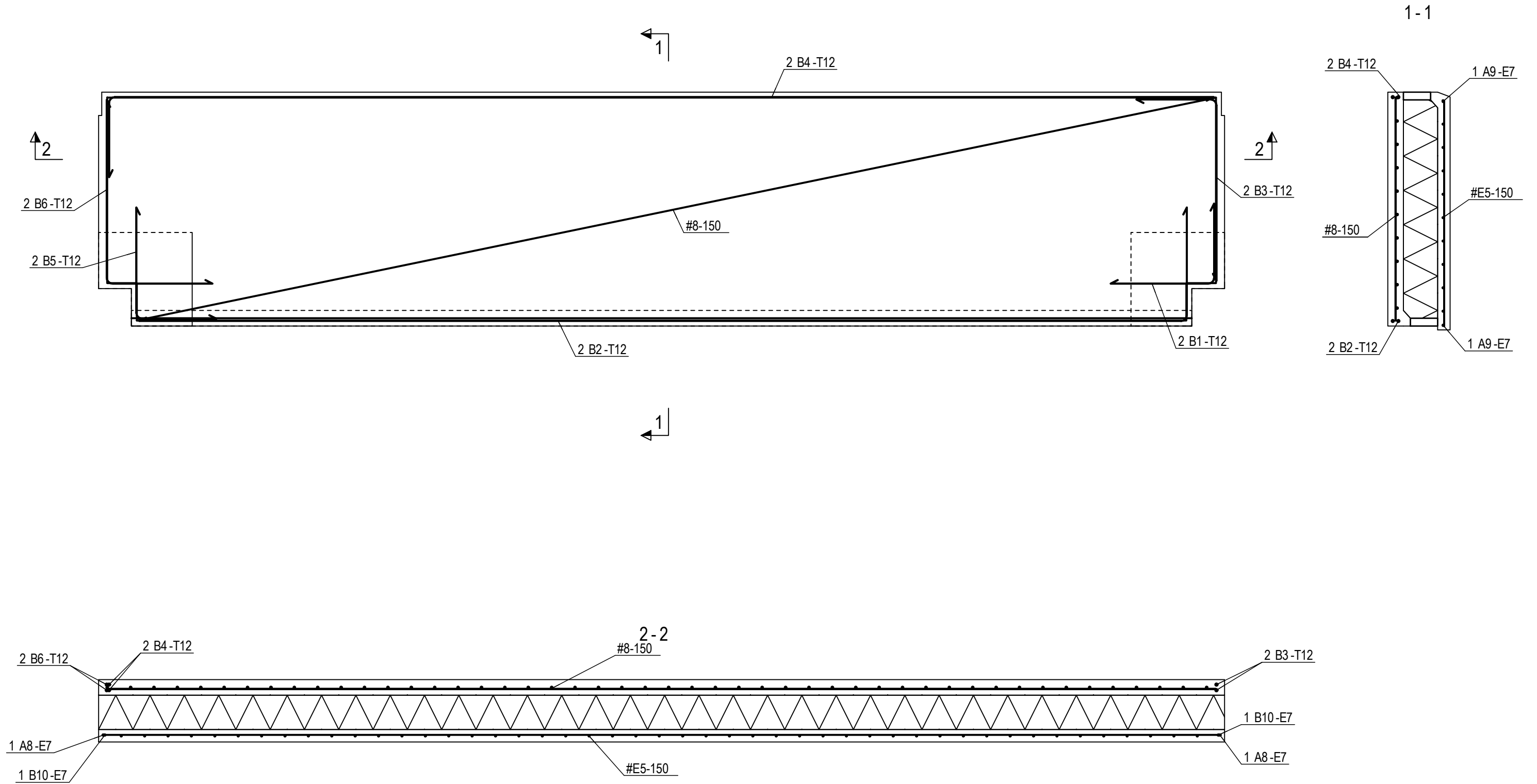
OUTER PANEL REINFORCEMENT



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

REINFORCEMENT EXAMPLE

INNER PANEL REINFORCEMENT



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