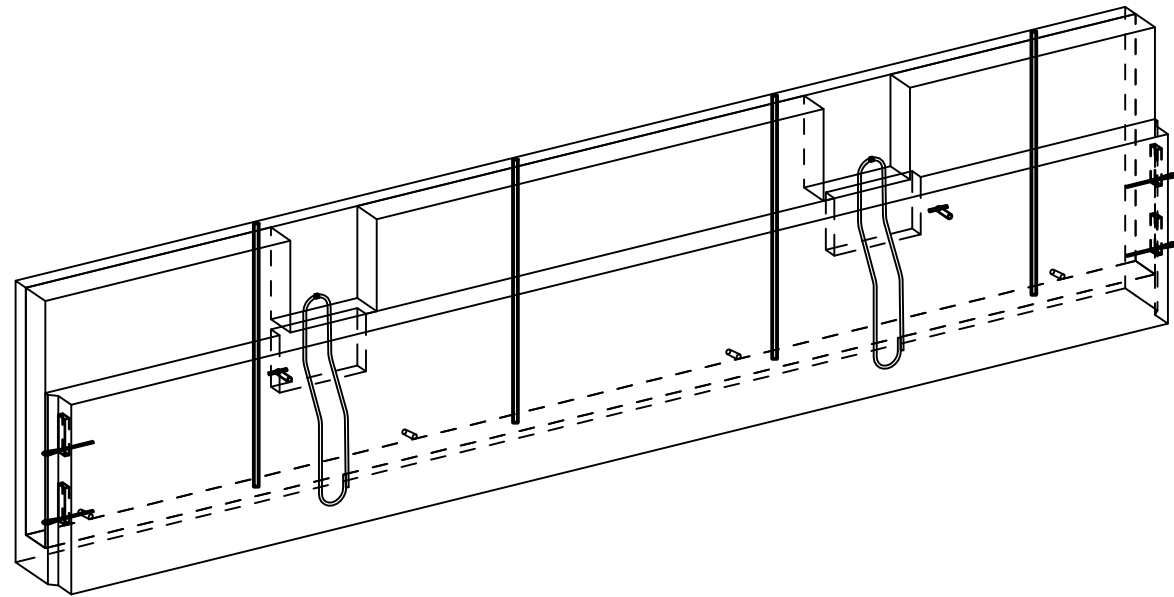


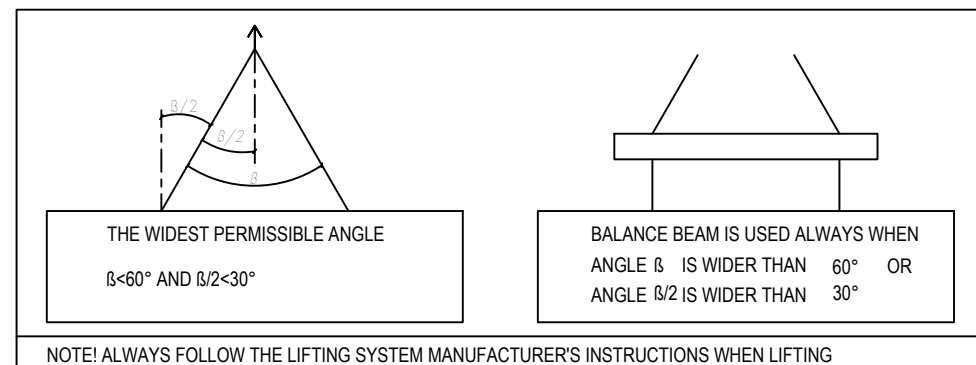
EMBED LIST			
CAST UNIT WEIGHT IS CALCULATED USING CONCRETE VOLUME AND DENSITY 2500kg/m ³ + weight of embedded objects.			
ELEMENT POSITION	PCS	AREA [m ²]	
AS-2	1	6.29	
CONCRETE	NAME	VALUE	UNIT
C30/37	INNER PANEL	0.76	m ³
C35/45	OUTER PANEL	0.50	m ³
ELEMENT TOTAL WEIGHT:			3.17 t
VALUE	UNIT	EMBEDS	
2.0	kpl	PBK_12 900-121 alpha max 30°	
4.0	kpl	PVL80	
2.0	kpl	Vemo VASB M16x90 S355JO+N	
5.2	m ²	Thermal insulation EPS100 150mm	
9.6	kg	#4-150 4-150-1125/5037 B600KX	
2.7	kg	B500B ø8	
16.9	kg	B500B ø10	
2.0	kg	B500B ø12	
7.2	kg	B500B ø16	
16.3	kg	B600KX ø7	
2.5	kg	B600KX ø9	

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

3D-VIEW



LIFTING ANGLES



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	30 mm +/- 10 mm Inner panel	
Concrete cover 2	30 mm +/- 10 mm Outer panel	
Max aggregate size	16 mm Inner panel	16 mm Outer panel
Tolerance class	Measurement class, normal	Betonelementtien toleranssit 2011
Surface treatment 1	Form face MUO-A (outer)	(BY40)
Surface treatment 2	Casting face THI -A (Inner)	(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	

Electrical installations: Betonelementtien sähköasennukset 2012

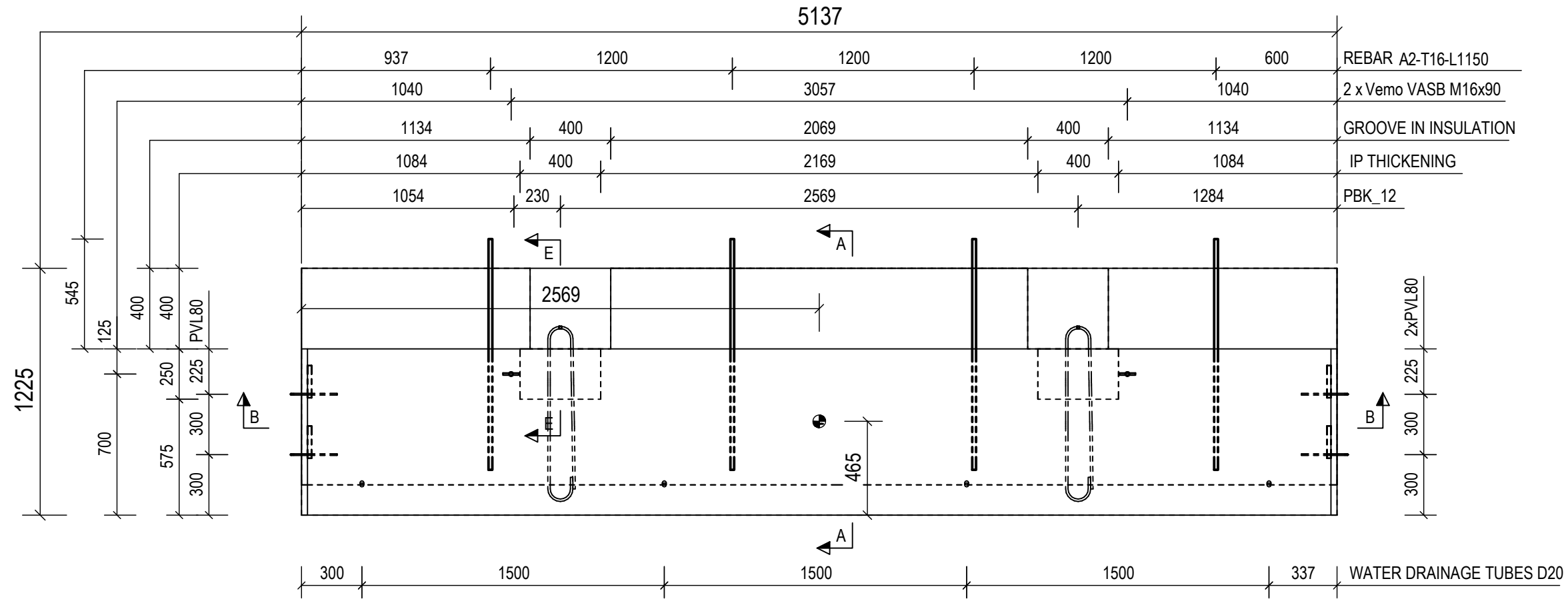
Viewing direction shown in the plan drawing according to the element's ID reading direction from inside to outside.

Normative reference: Wall elements: SFS 7026

Center of Gravity :

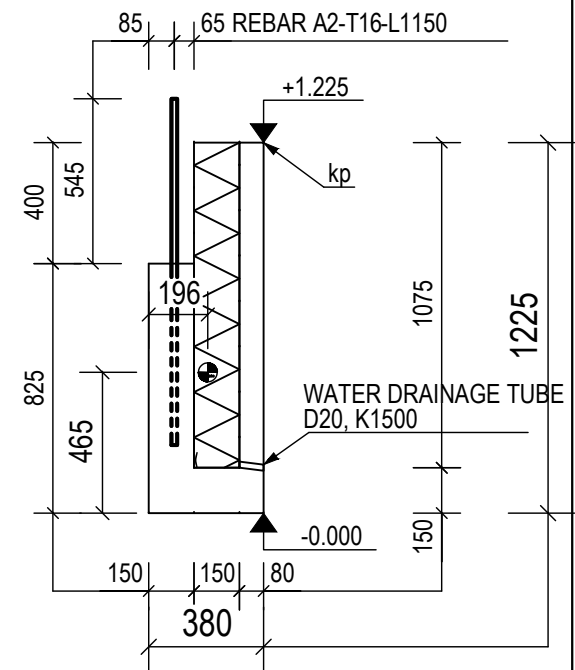
PROJECT NAME		DRAWING CONTENT		SCALES
		ELEMENT DRAWING		1:10
		AS-2, SOCLE WALL		1:20
				1:25
DRAWER	DESIGNER			
INITIALS	Education + Name			
CHECKER	ACCEPTOR			
Education + Name	Education + Name			
Designing office Address PO Box Phone www.office.com firstname.lastname@office.com		PROJECT NUMBER	SUB NUMBER	DWG. NO.
		STR	1/3	AS-2
		DESIGN GROUP	PAGE	DATE
		STR	1/3	20.03.2020
				REVISION

VIEW FROM THE INSIDE



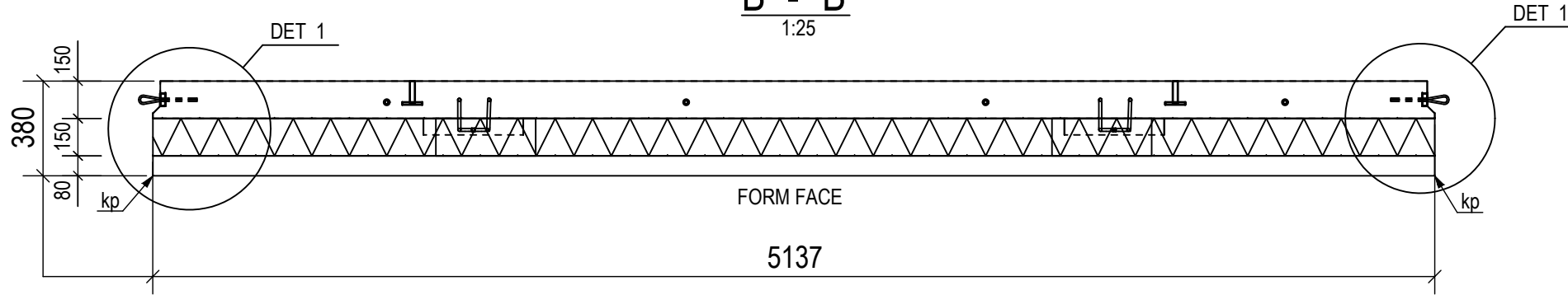
A - A

1:25



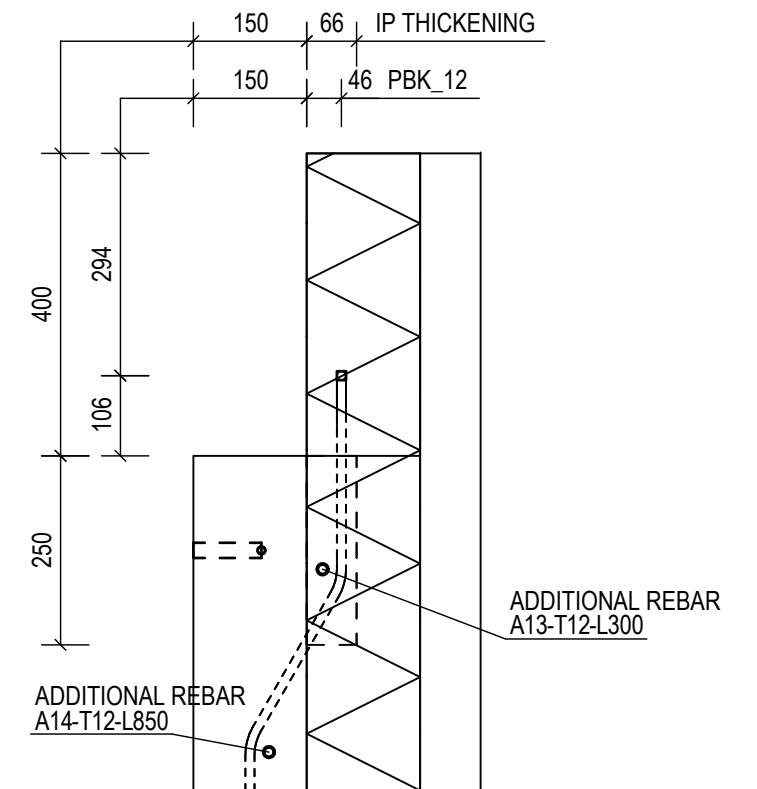
B - B

1:25



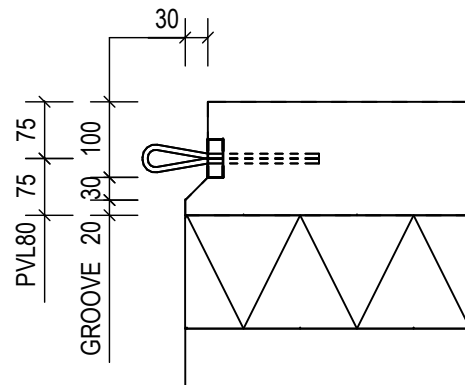
E - E

1:10



DET 1

1:10



PROJECT NAME AS-2	PROJECT NUMBER	SUB NUMBER	DWG. NO. AS-2
	DESIGN GROUP STR	PAGE 2 / 3	DATE 20.03.2020
			REVISION

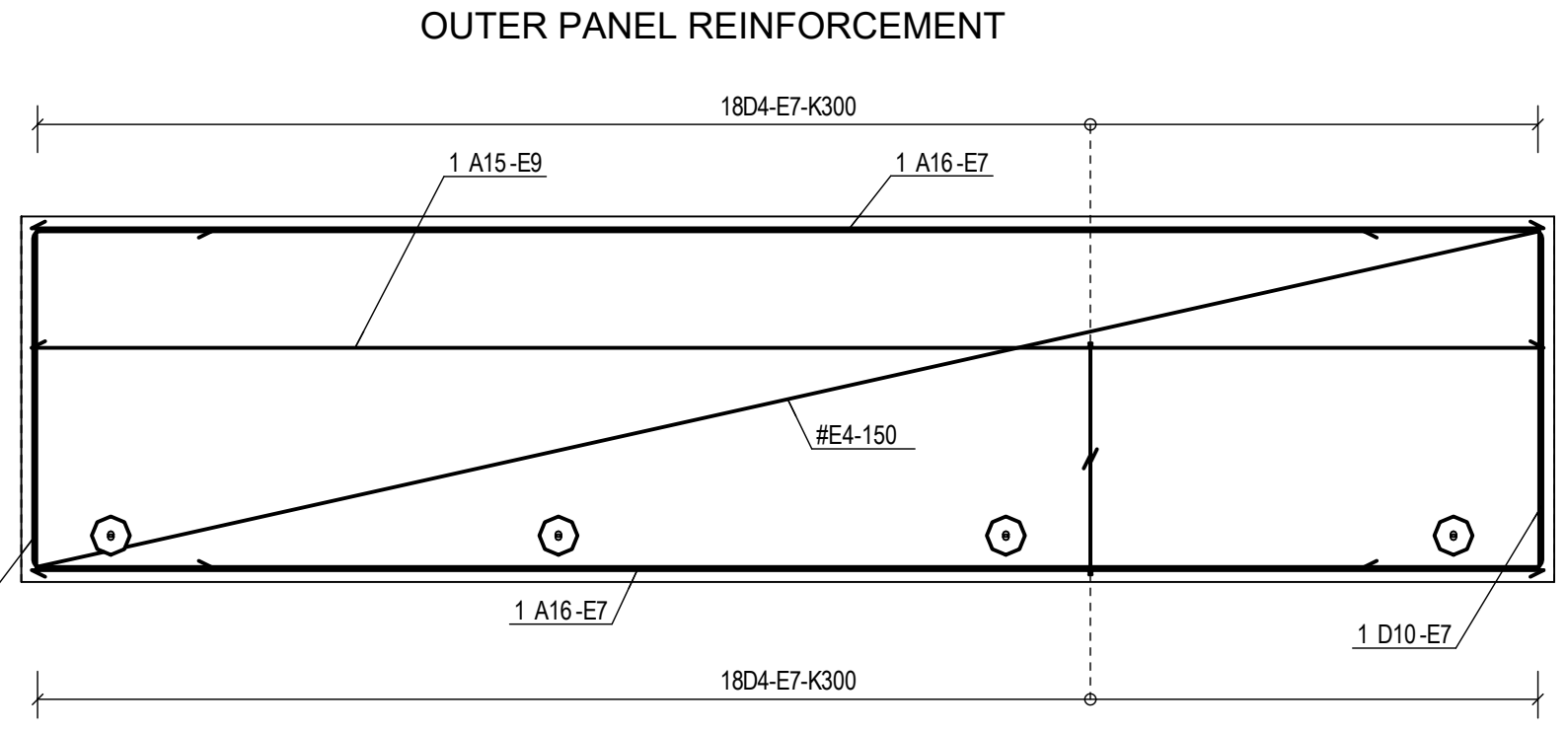
REINFORCING BAR LIST																	
REINFORCING BARS		D	L	dL	WEIGHT	BENDING DIMENSIONS [mm]										COMMENT	
TYPE	POS	PCS	GRADE	[mm]	[mm]	[mm]	SUM [kg]	a	b	c	d	e	u	v	x	TD	
A	2	4	B500B	16	1150		7.2	1145									
D	3	8	B500B	8	840		2.7	400	80	400							36
D	4	36	B600KX	7	1090		11.9	400	330	400							42
D	8	4	B500B	10	1870		4.6	606	711	606							46
A	9	4	B500B	10	4990		12.3	4987									
D	10	2	B600KX	7	2310		1.4	605	1137	605							42
A	13	2	B500B	12	300		0.5	300									
A	14	2	B500B	12	850		1.5	850									
A	15	1	B600KX	9	5070		2.5	5067									
A	16	2	B600KX	7	5070		3.1	5067									

REINFORCING BAR TOTAL WEIGHT [kg]: 47.7

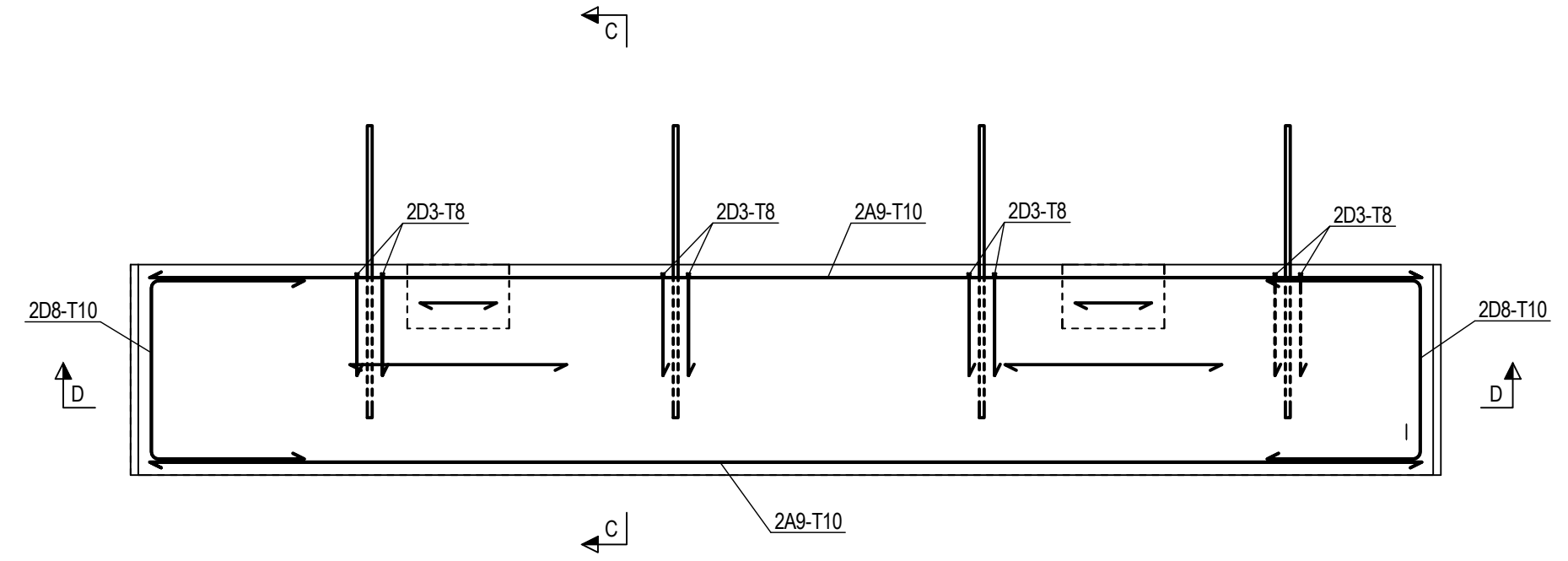
REINFORCEMENT MESH LIST						
POS	PCS	GRADE	SIZE	NAME	kg/MESH	kg/SUM
AS-7	1	B600KX	5037 x 1125	#4-150	9.6	9.6

REINFORCEMENT MESH TOTAL WEIGHT [kg]: 9.6

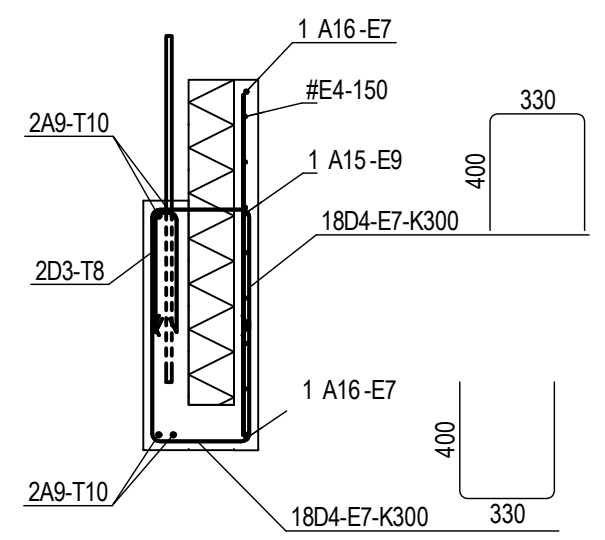
REINFORCEMENT EXAMPLE



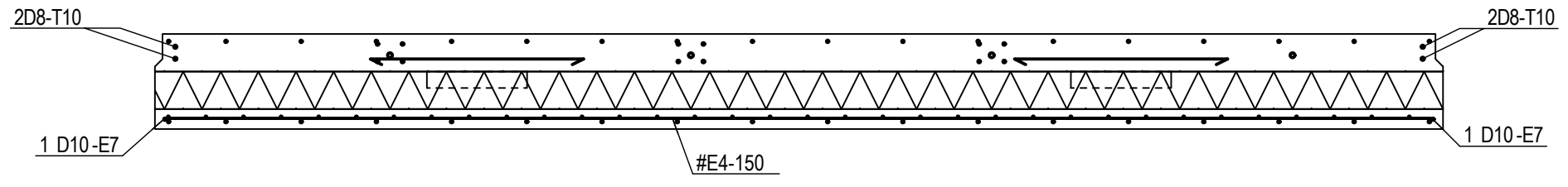
INNER PANEL REINFORCEMENT



C - C
1:25



D - D
1:25



PROJECT NAME AS-2	PROJECT NUMBER	SUB NUMBER	DWG. NO. AS-2	
	DESIGN GROUP STR	PAGE 3 / 3	DATE 20.03.2020	REVISION