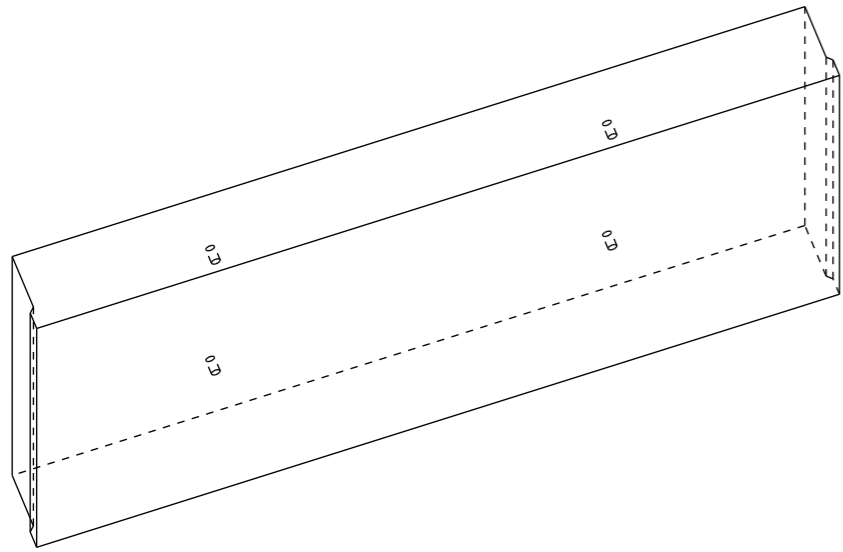


EMBED LIST			
CAST UNIT WEIGHT IS CALCULATED USING CONCRETE VOLUME AND DENSITY 2500 kg/m ³ + weight of embedded objects.			
ELEMENT POSITION	PCS	AREA [m ²]	
L-1	1	5.13	
CONCRETE	NAME	VALUE	UNIT
C30/37	GROUND SLAB	1.62	m ³
ELEMENT TOTAL WEIGHT:			4.06 t
VALUE	UNIT	EMBEDS	
4	pcs	PLA24	
25.5	kg	#8-150 8-150.0-1551/3094 B500K	
40.1	kg	#10-150 10-150.0-1551/3094 B500K	
15.4	kg	B500B ø8	
21.8	kg	B500B ø10	

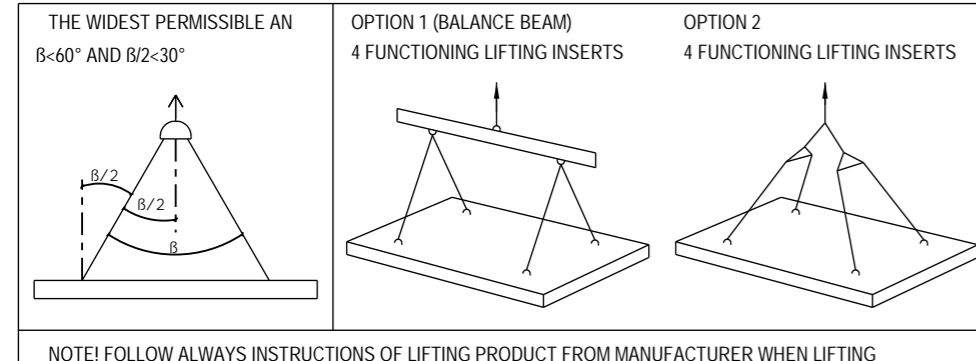
IF THE PRECAST MANUFACTURER WANTS TO REPLACE AN EMBED OR MATERIAL WITH ANOTHER, THE CONSTRUCTION/ELEMENT DESIGNER MUST APPROVE THE CHANGE BEFOREHAND



GENERAL INFORMATION		
Planned life time	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	
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	

Center of Gravity :

LIFTING ANGLES

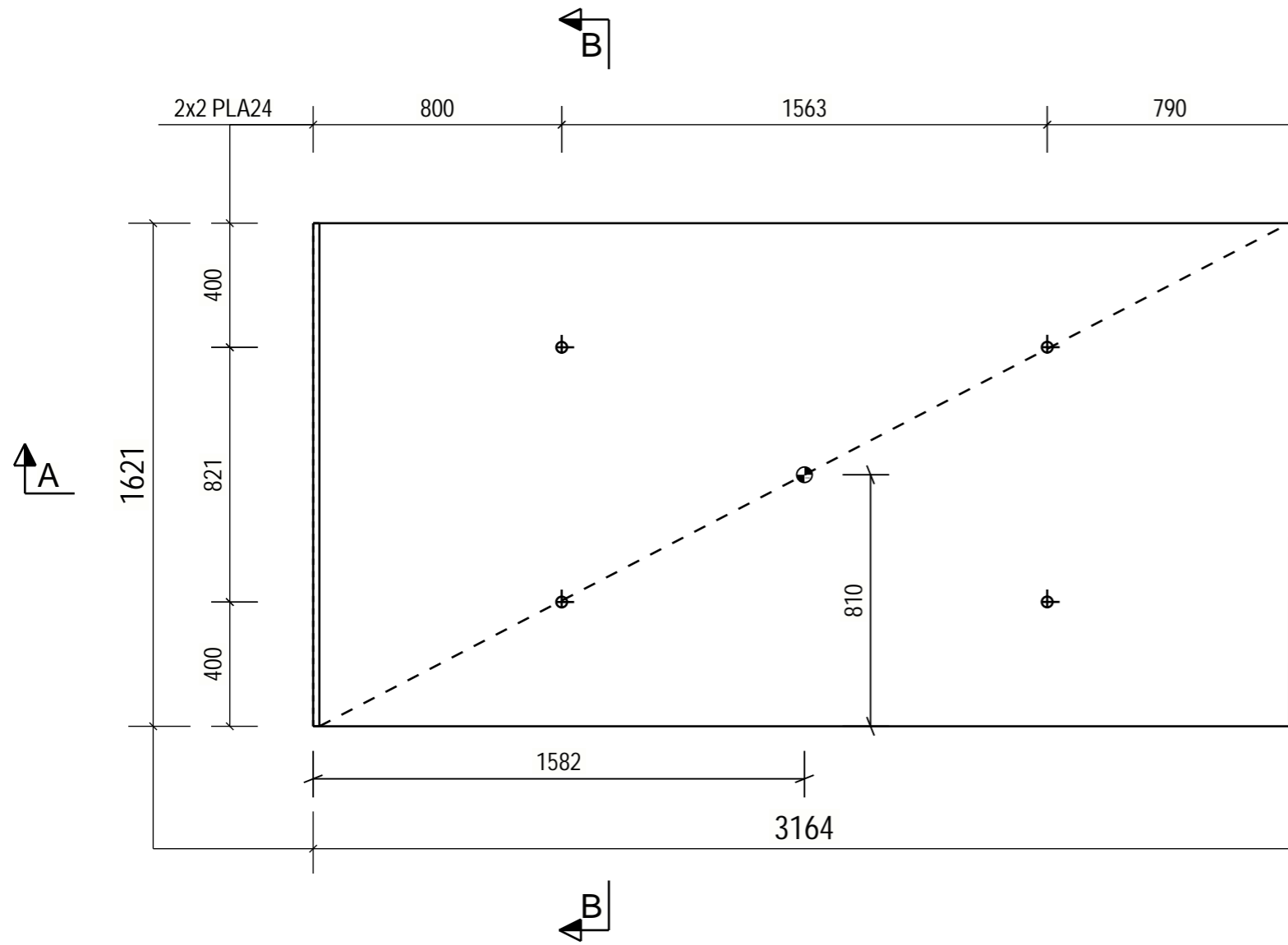


NOTE! FOLLOW ALWAYS INSTRUCTIONS OF LIFTING PRODUCT FROM MANUFACTURER WHEN LIFTING

PROJECT NAME		DRAWING CONTENT		SCALES	
		ELEMENT DRAWING		1:10	
		L-1, GROUND SLAB		1:20	
				1:28	
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.	
				L-1	
		DESIGN GROUP	PAGE	DATE	REVISION
		STR		20.03.2020	

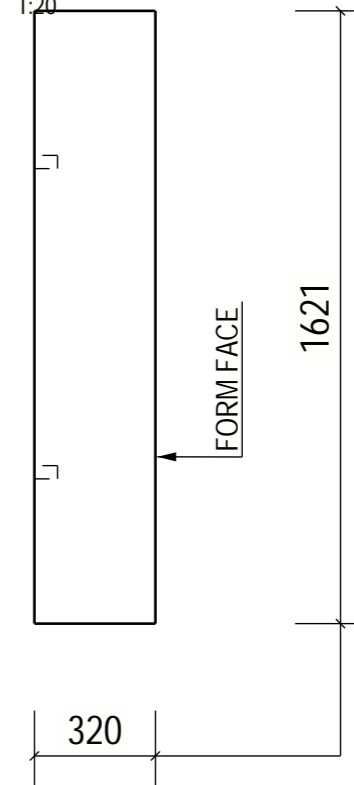
MEASUREMENTS

1:20



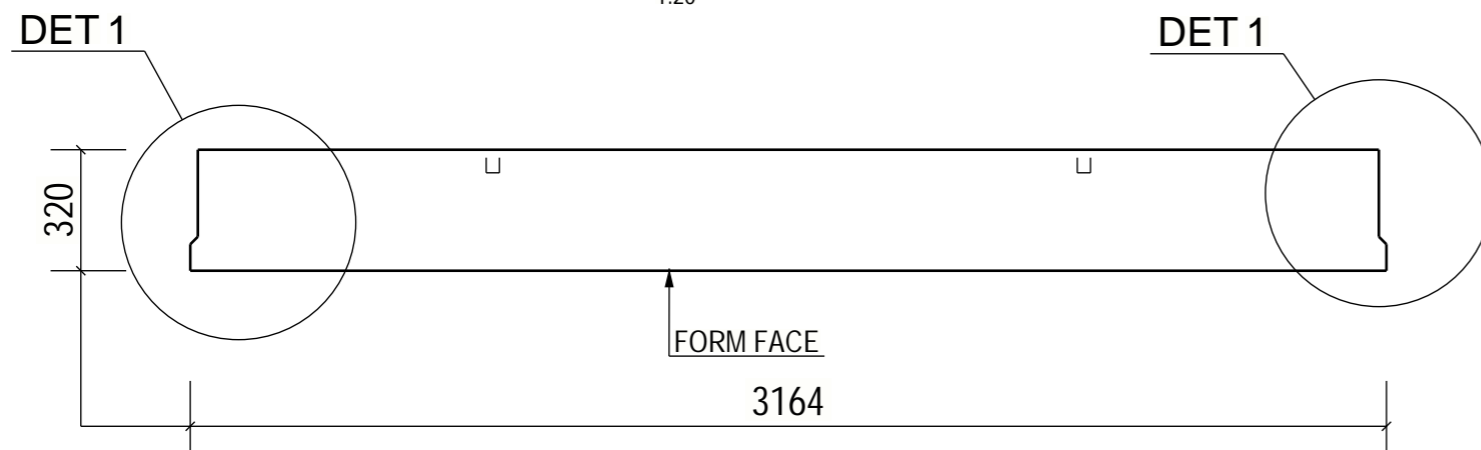
B-B

1:20



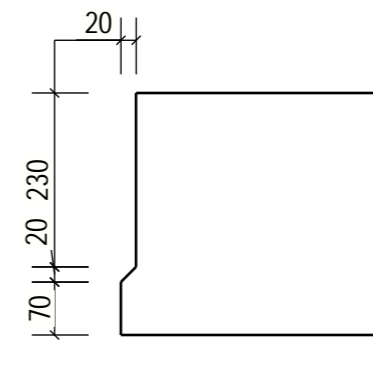
A-A

1:20



DET 1

1:10



PROJECT NAME L-1	PROJECT NUMBER	SUB NUMBER	DWG. NO. L-1	
	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		
D	1	22	B500B	8	1230		10.7	500	270	500							36	
D	2	10	B500B	8	1200		4.7	500	240	500							36	
D	3	6	B500B	10	1330		4.9	600	182	600							46	
K	4	4	B500B	10	820		2.0	400	400	20					68			
D	5	2	B500B	10	4210		5.2	600	3058	600							46	
B	6	4	B500B	10	2090		5.2	1518	600								46	
B	7	2	B500B	10	3640		4.5	3061	600								46	

REINFORCING BAR TOTAL WEIGHT [kg]: 37.2

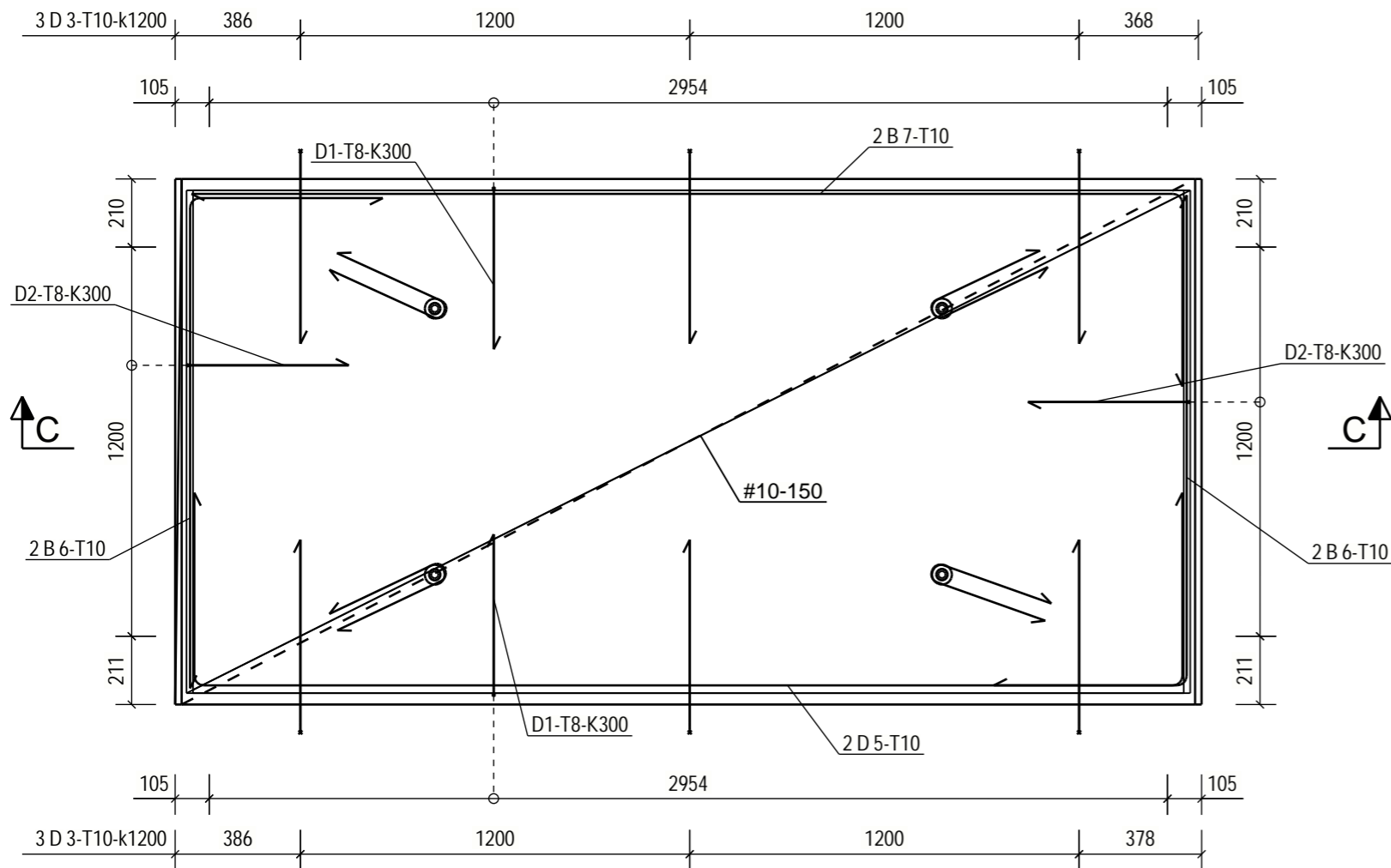
REINFORCEMENT MESH LIST

POS	PCS	GRADE	SIZE	NAME	kg/MESH	kg/SUM
L-8	1	B500K	3094 x 1551	#10-150	40.1	40.1
L-9	1	B500K	3094 x 1551	#8-150	25.5	25.5

REINFORCEMENT MESH TOTAL WEIGHT [kg]: 65.6

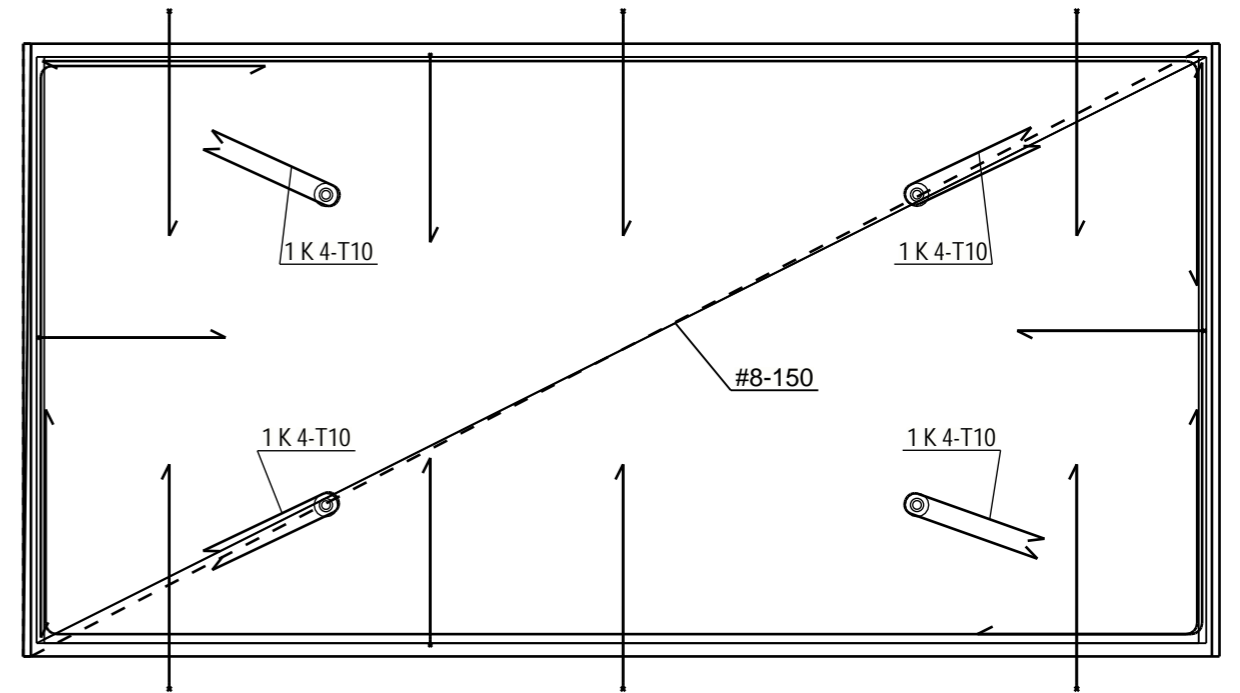
LOWER SURFACE REINFORCEMENT

1:20

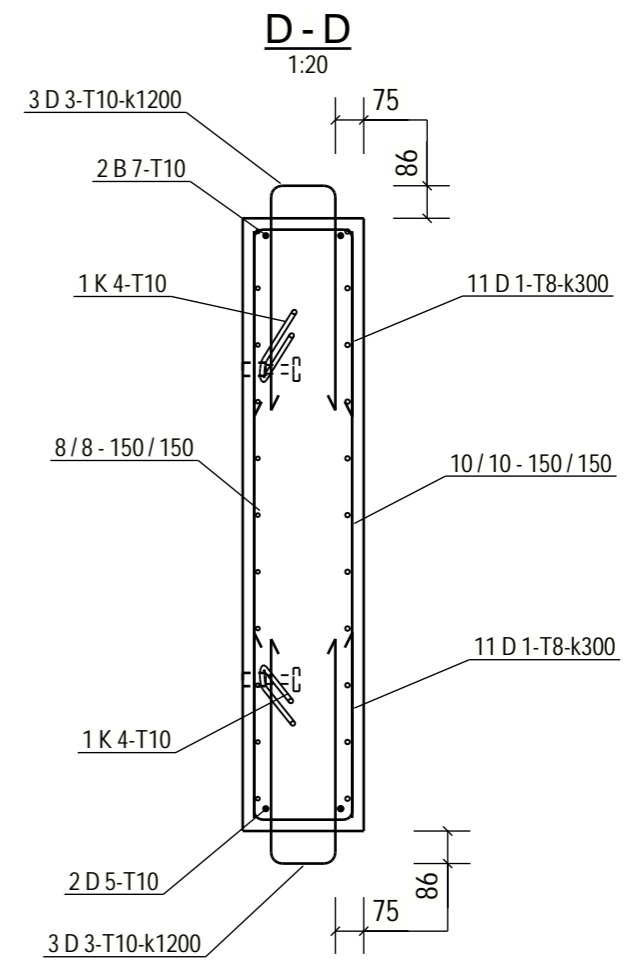
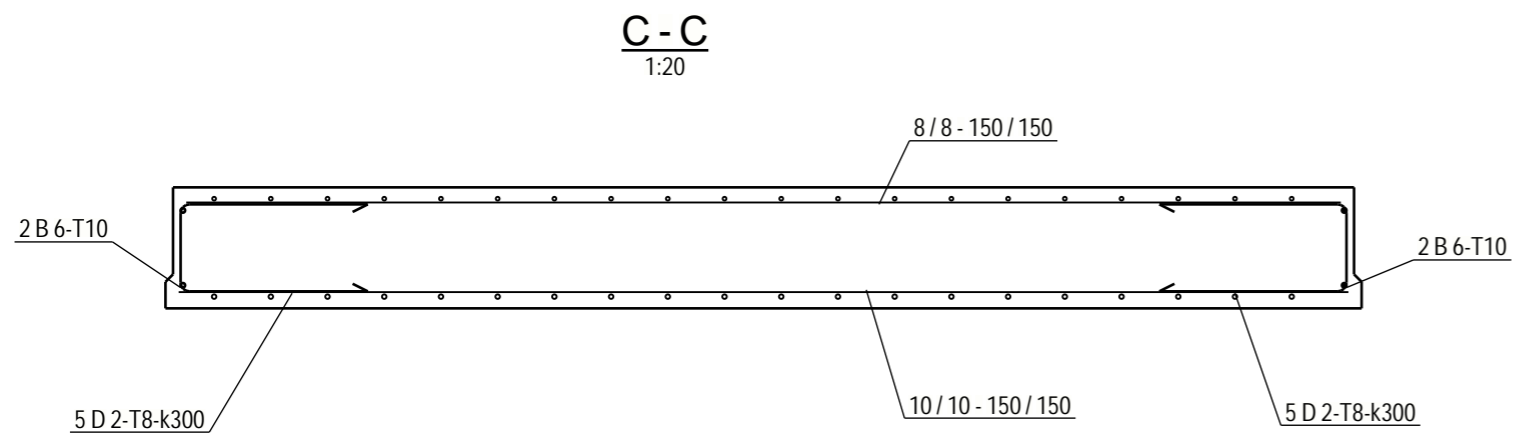


UPPER SURFACE REINFORCEMENT

1:20



PROJECT NAME L-1	PROJECT NUMBER	SUB NUMBER	DWG. NO. L-1	
	DESIGN GROUP RAK	PAGE 3 / 4	DATE 20.03.2020	REVISI



PROJECT NAME L-1	PROJECT NUMBER	SUB NUMBER	DWG. NO. L-1	
	DESIGN GROUP RAK	PAGE 4 / 4	DATE 20.03.2020	REVISI