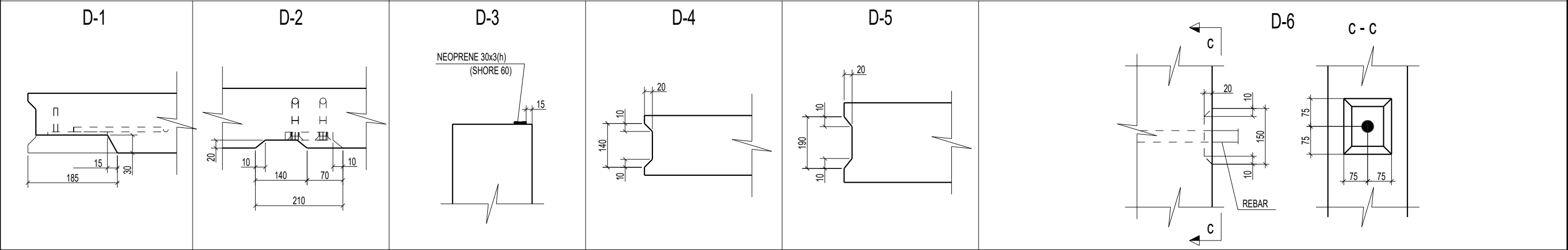

	PROJECT: VASA REAL HUS B				DRAWING NUMBER: UGV-1001	REV:
	PROJECT ADDRESS: Frejgatan 60, Stockholm				PROJECT NUMBER: SW0532	STATUS:
	CUSTOMER: Arcona AB	DESIGNER: E. Locmelis	DRAWN BY: A. Amirova	DATE: 05.11.2021	REV. DATE:	PAGES: 2/5

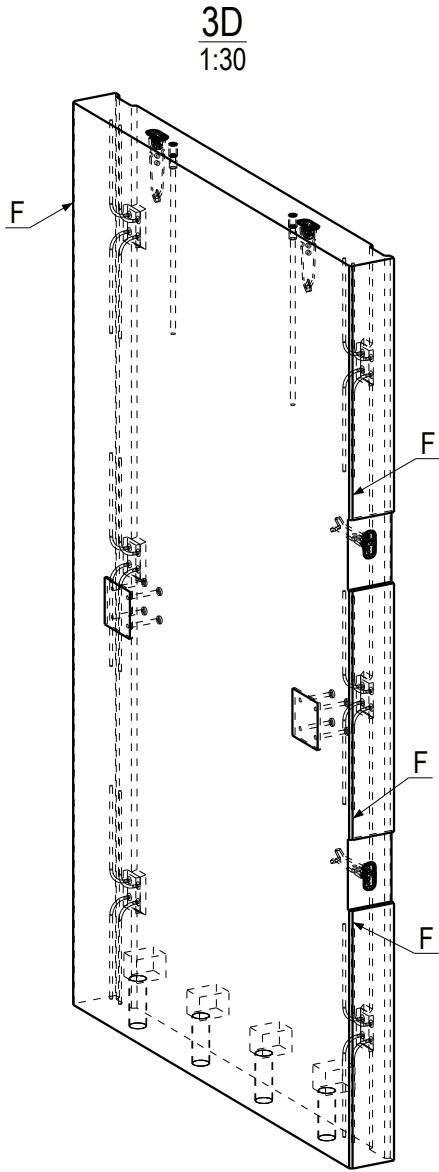
PRINCIPLE DETAIL




	PROJECT: VASA REAL HUS B				DRAWING NUMBER:	UGV-1001	REV:
	PROJECT ADDRESS: Frejgatan 60, Stockholm				PROJECT NUMBER:	SW0532	STATUS:
	CUSTOMER: Arcona AB	DESIGNER: E. Locmelis	DRAWN BY: A. Amirova	DATE: 05.11.2021	REV. DATE:		PAGES: 3/5

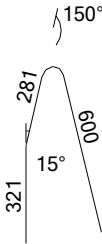
CONCRETE DEMOULDING/LIFTING CUBE STRENGTH: 16 MPa; CONCRETE ASSEMBLY CUBE STRENGTH: 30 MPa																							
Country:	Sweden			Production standard:			EN 14992 *			Cnom =	20 mm	Chamfer size:	10 mm	REI:	R90								
Mold Side	Tolerance class:	B	Surface treatment class:			B			Surface type:			(A) Mold Side											
Element other side	Tolerance class:	B	Surface treatment class:			B			Surface type:			(S) Polished											
Openings	Tolerance class:	B	Surface treatment class:			B			Surface type:			(A) Mold Side											
CONCRETE / REINFORCEMENT SPECIFICATION:																							
Element:		Quantity:		Material:		w/c ratio:		Concrete volume (m³):				Weight (kg):											
UGV-1001		1		C40/50 XC1		0.50		1.65				3964.1											
Embed:		Quantity:		Fabricator:		Material:		Corrosivity protection:	Length (mm):	Total length (mm):	Weight (kg):	Total weight (kg):											
CORRUGATED TUBE 65/70		4		-		STEEL DC01		-	200	800	0.81	3.24											
MID-4		6		-		S355J2		C2			3.90	23.40											
PSA-20-M24-0800		2		TERWA		REBAR		-			2.12	4.24											
SA-TTU-040-270-BLACK		4		TERWA		STEEL		BLACK			1.30	5.20											
WELDA 200x200-162		2		PEIKKO		STEEL		-			4.90	9.80											
												Embed total weight (kg):		45.9									
Reinforcement:																							
Type:	Pos:	Quant:	Grade:	Ø	L	a	b	c	d	e	f	g	h	u	v	D	kg/1:	kg/total:					
A	195	4	K500C-T	12	3690	3690											3.3	13.11					
A	277	4	K500C-T	12	2090	2090											1.9	7.42					
B	181	8	K500C-T	12	970	500	500										48	0.9					
C	16	2	K500C-T	16	1200	600	600							150			64	1.9					
D	173	25	K500C-T	8	900	400	140	400									32	0.4					
D	174	42	K500C-T	8	920	400	160	400									32	0.4					
D	386	4	K500C-T	12	1110	500	170	500									48	1.0					
E	219	2	K500C-T	16	1200	600	281	321						150	15		64	1.9					
YM	17	4	K500C-T	16	1000	385	146	146	385								64	1.6					
YM	220	4	K500C-T	16	970	355	146	146	385								64	1.5					
																	A shape reinforcement total weight (kg):		20.53				
																	Bending reinforcement total weight (kg):		55.22				
																	Reinforcement total weight (kg):		75.7				
Mesh:																							
Pos:	Quant:	Grade:		Mesh size:		d/d - s/s (d-diameter; s-spacing)									kg/1:	kg/total:							
M-64	1	K500C-T		3770 x 2170		8/8-100/100									64.6	64.61							
M-65	1	K500C-T		3770 x 2170		8/8-100/100									65.3	65.28							
																	Mesh total weight (kg):		129.9				
REINFORCEMENT TOTAL WEIGHT (kg): 205.6																	ELEMENT TOTAL WEIGHT (kg):		4215.7				

*In accordance with "Toleranser for betongelement, 2020 (Svensk Betong)"

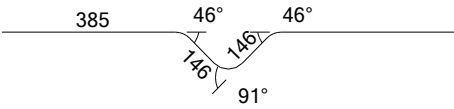


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	PROJECT ADDRESS: Frejgatan 60, Stockholm				PROJECT NUMBER: SW0532		STATUS:
CUSTOMER: Arcona AB	DESIGNER: E. Locmelis	DRAWN BY: A. Amirova	DATE: 05.11.2021	REV. DATE:			PAGES: 4/5

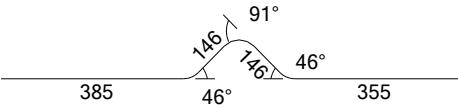
E 219




YM17



YM220



	PROJECT: VASA REAL HUS B				DRAWING NUMBER: UGV-1001	REV:
	PROJECT ADDRESS: Frejgatan 60, Stockholm				PROJECT NUMBER: SW0532	STATUS:
	CUSTOMER: Arcona AB	DESIGNER: E. Locmelis	DRAWN BY: A. Amirova	DATE: 05.11.2021	REV. DATE:	PAGES: 5/5