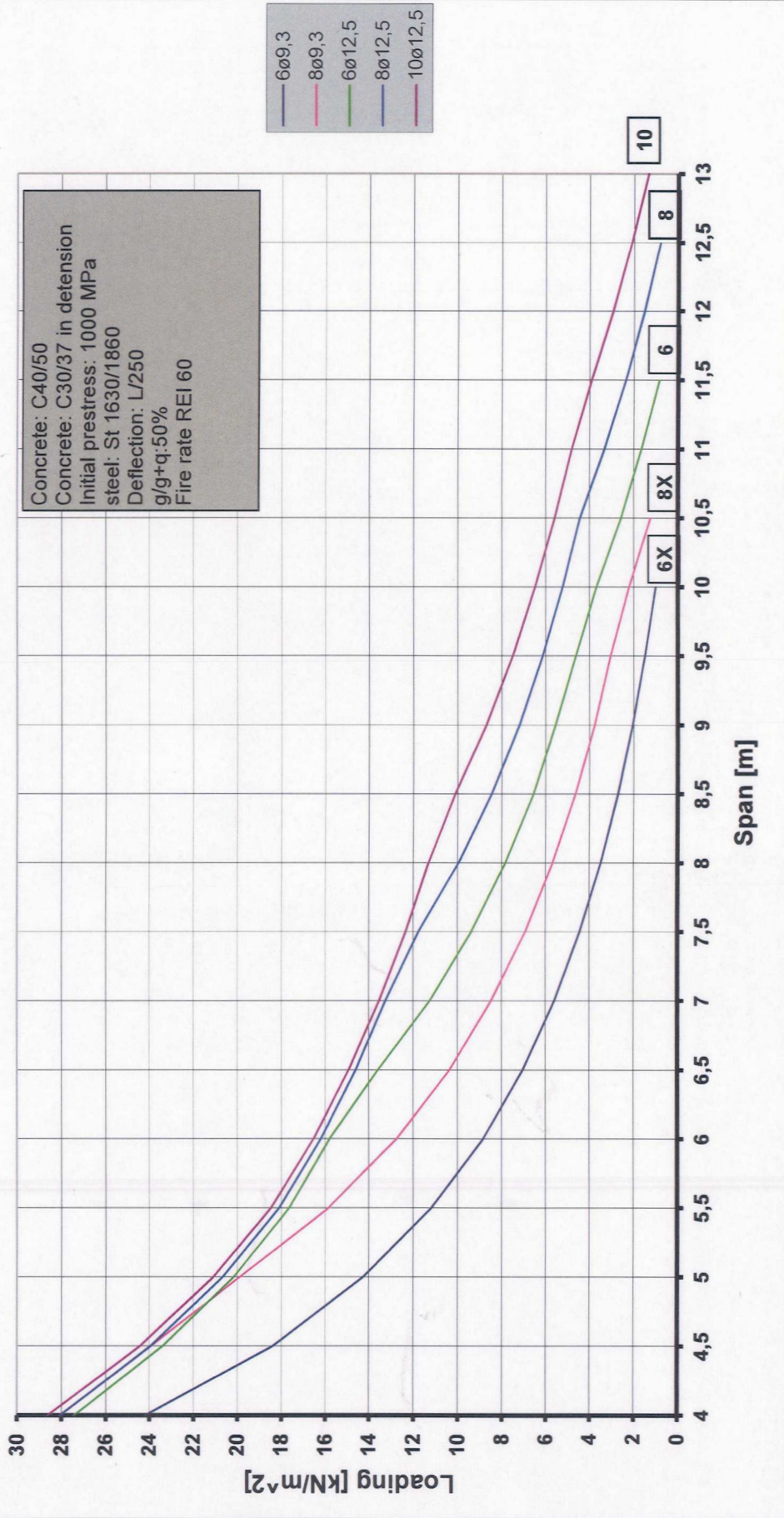
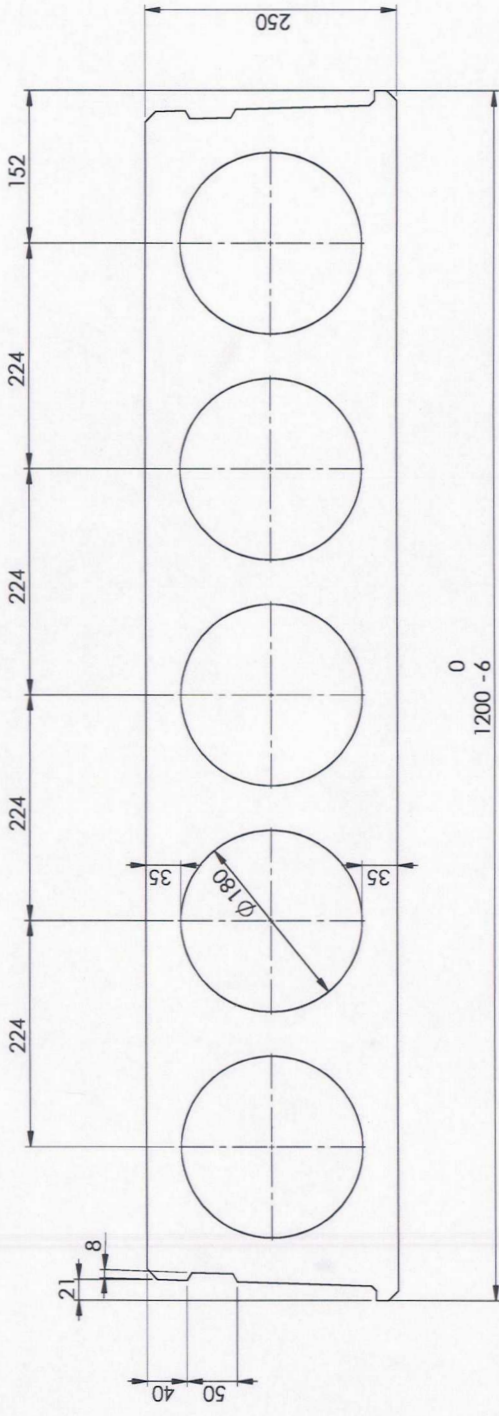
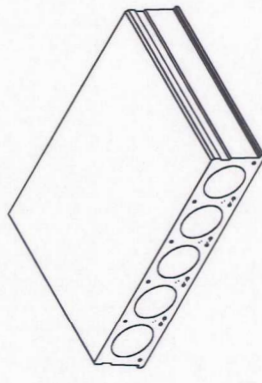


HCS 05/250 Capacity curves According to EC2 dwg P651988

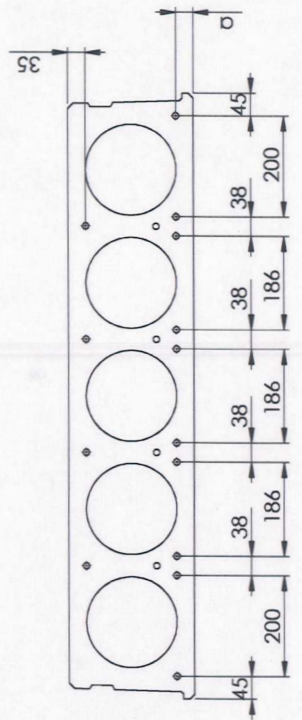
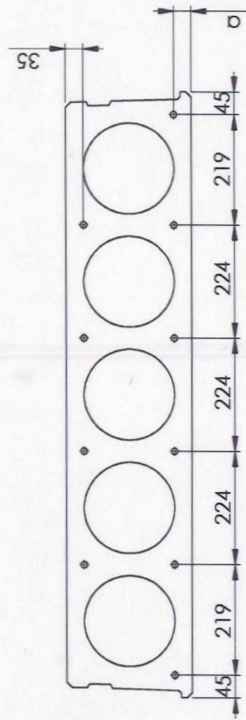




Area of Cross-Section	1638	cm ²
Theoretical Weight of the Slab (+ Strands)	328	kg/m ²
Density (in calculations)	2400	kg/m ³



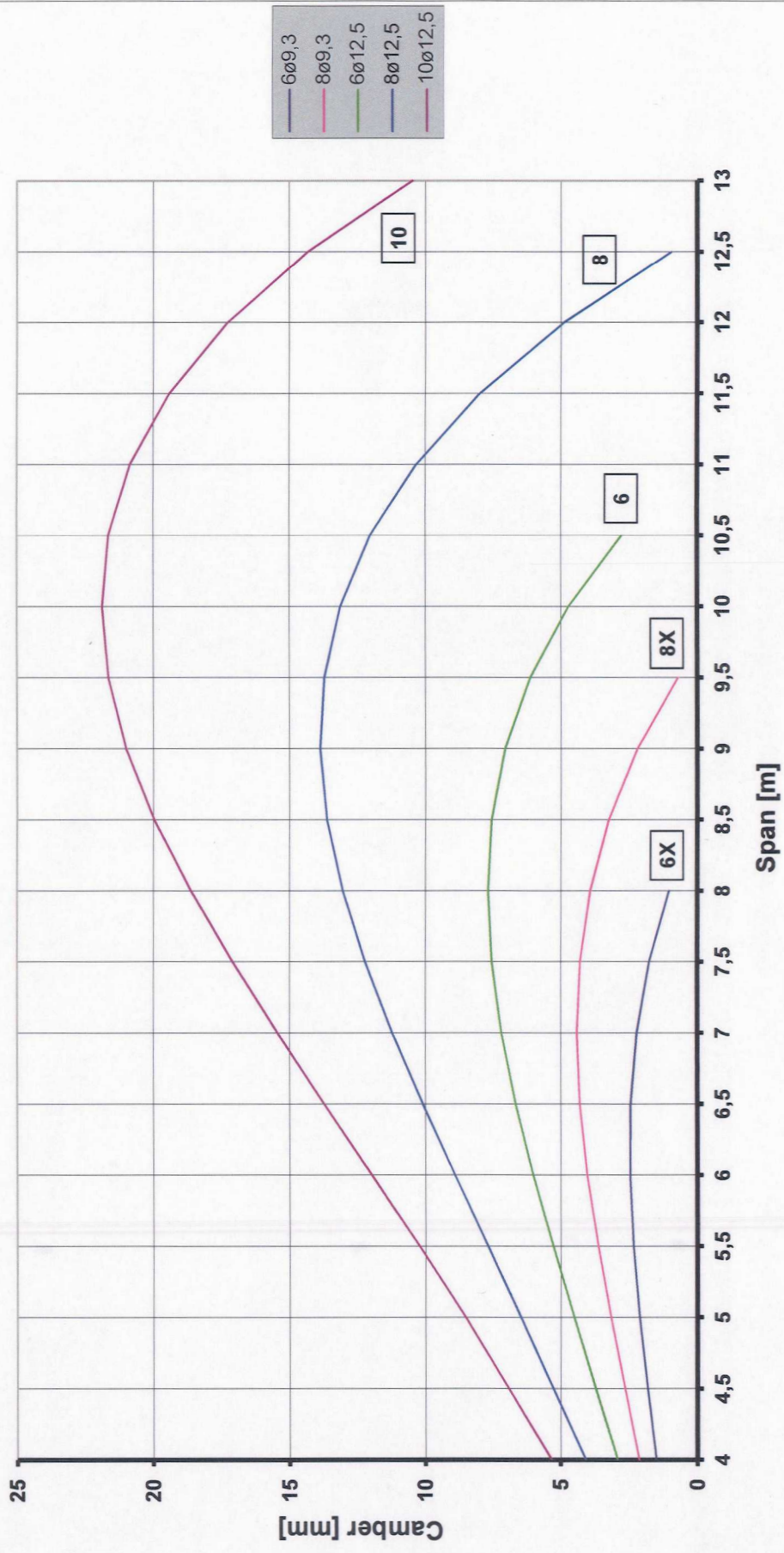
EN 1168	Strand	Ø12,5mm
REI60	a =	35mm
REI90	a =	45mm
REI120	a =	55mm



Scale	Dwg type	SolidWorks Drawing	Total weight	kg	Kg	Rev.	Times	Change	Date	Name
1:5	Dwg size	A3L	Material weight							
Measures Surface texture mm	General tolerance		Drawn	15.03.13 LET						
Re (µm)			Check							
			Appr.							
Valmistus 1	Part	pcs	Job No.							
Revisioid:										
Revisio:										
OKM Code:										
Description										HOLLOW CORE SLAB
ONTELOLAATTA										
Dwg No.										P651988
ELEMATIC OY AB										
FIN-37800 TOIJALA										
ELEMATIC FINLAND										

Drawing has pages 1.

05/250 Deflection curves
after 14 d in stockyard



Capacity and deflection curves of 05/250
P651988.dwg

Capacities
span

	6ø9,3	8ø9,3	6ø12,5	8ø12,5	10ø12,5
4	24,19	28,07	27,46	28,1	28,65
4,5	18,4	23,92	23,4	23,95	24,42
5	14,26	19,88	20,17	20,66	21,08
5,5	11,19	15,84	17,66	18,1	18,47
6	8,86	12,76	15,8	16,2	16,54
6,5	7,05	10,37	13,6	14,61	14,92
7	5,61	8,48	11,27	13,26	13,54
7,5	4,45	6,94	9,4	11,78	12,36
8	3,49	5,69	7,86	9,97	11,33
8,5	2,71	4,65	6,58	8,47	10,13
9	2,05	3,78	5,57	7,21	8,71
9,5	1,49	3,05	4,63	6,15	7,51
10	1,01	2,21	3,7	5,24	6,49
10,5		1,25	2,59	4,45	5,6
11			1,66	3,34	4,83
11,5			0,85	2,37	3,93
12				1,54	2,96
12,5				0,82	2,11
13					1,36

Deflection

	6ø9,3	8ø9,3	6ø12,5	8ø12,5	10ø12,5
4	1,51	2,14	2,92	4,09	5,33
4,5	1,83	2,65	3,73	5,27	6,91
5	2,12	3,16	4,51	6,46	8,52
5,5	2,34	3,63	5,28	7,68	10,22
6	2,47	4,03	6,01	8,91	11,97
6,5	2,45	4,31	6,66	10,1	13,73
7	2,23	4,41	7,19	11,21	15,45
7,5	1,78	4,3	7,55	12,21	17,11
8	1,05	3,93	7,69	13,03	18,63
8,5		3,25	7,56	13,62	19,97
9		2,2	7,06	13,87	20,99
9,5		0,71	6,14	13,72	21,64
10			4,74	13,13	21,87
10,5			2,79	12,03	21,64
11				10,34	20,85
11,5				8	19,42
12				4,9	17,28
12,5				0,96	14,33
13					10,48