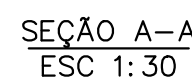
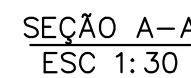
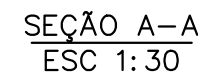


Vol. concreto total = 2.92 m³
 Área de forma total = 43.31 m²
 fck = 300.00 kgf/cm²



RELAÇÃO DO AÇO						
VA132		VESC				
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)	
50	1	5,0	178	126	22428	
	2	5,0	6	corr	3408	
	3	5,0	36	corr	14220	
	4	5,0	6	corr	1500	
	5	5,0	6	corr	1908	
	6	5,0	21	96	2016	
	7	10,0	2	1094	2188	
	8	10,0	4	712	2800	
	9	10,0	10	1100	2200	
	10	10,0	5	285	570	
	11	10,0	2	367	734	
	12	10,0	2	371	742	
	13	12,5	2	625	1250	
	14	16,0	2	387	774	
	15	16,0	2	1136	2392	
	16	16,0	4	1200	4800	
	17	16,0	2	216	632	

Vol. concreto total = 3.41 m³
 Área de forma total = 50.52 m²
 fck = 300.00 kgf/cm²