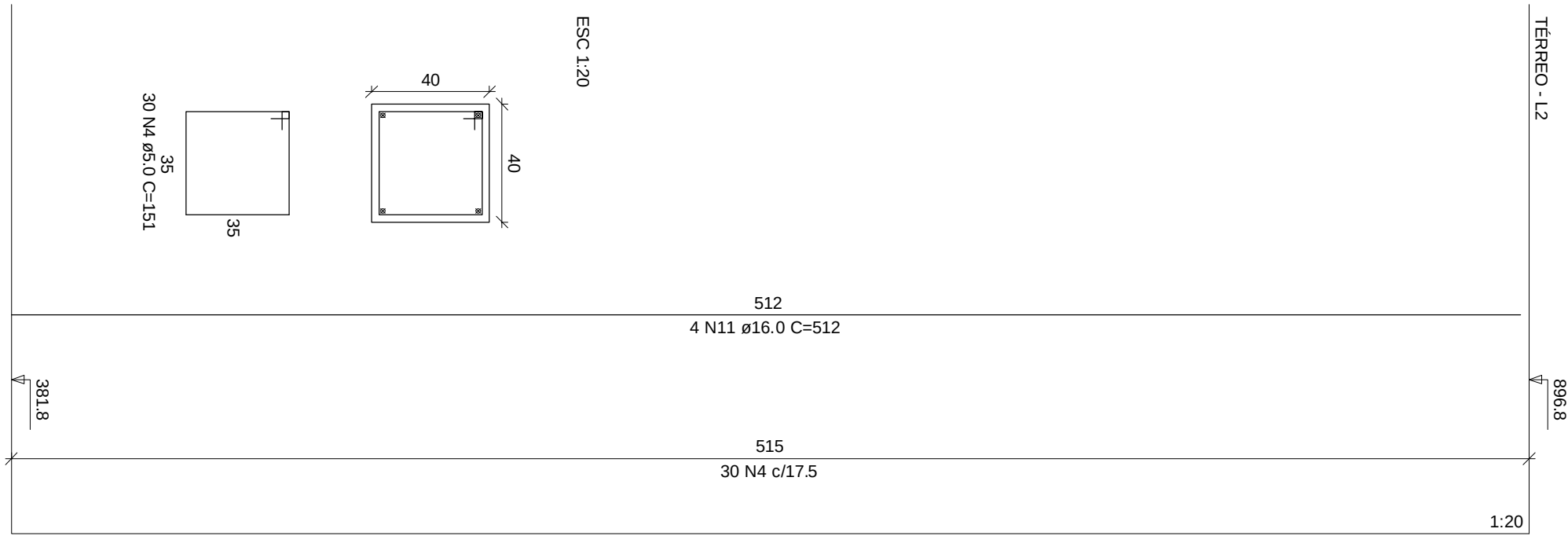
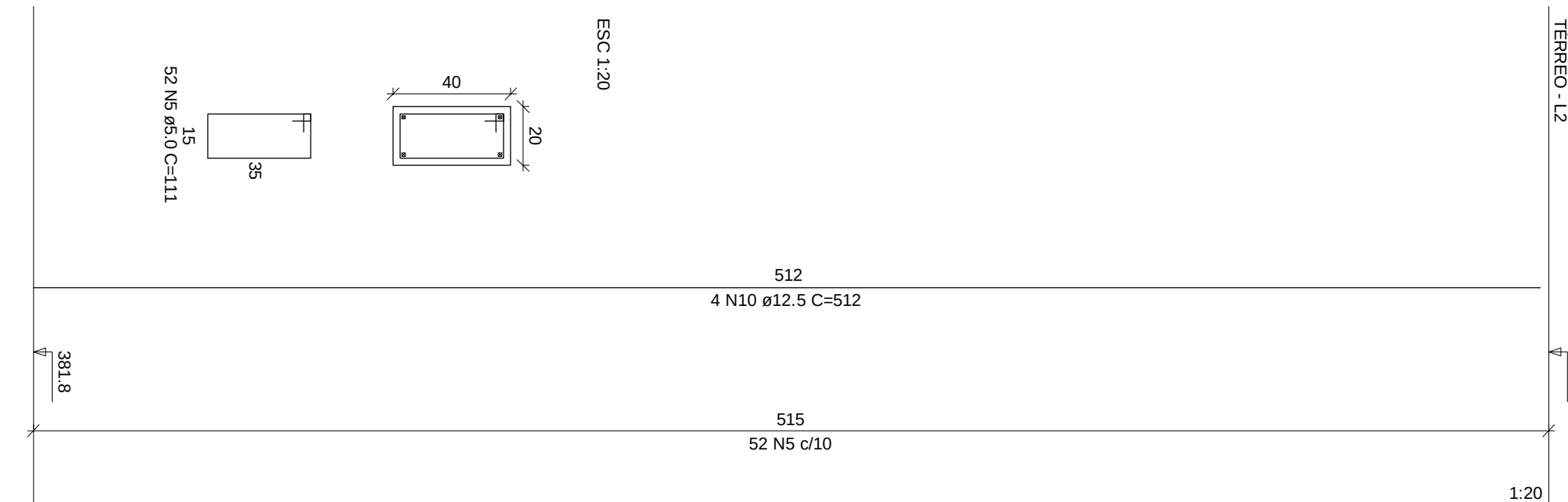




RELACÃO DO AÇO									
ACO	N	D004	Q	MAT (cm)	C. TOTAL	100P1			
						P3	P13	P3X25	60P10
									P31
									P32
									P33
									24P27
60	1	5,0	31,2	71	22192				
	2	5,0	35	231	9665				
	3	5,0	140	69	8060				
	4	5,0	52	111	5772				
	5	5,0	52	111	5772				
	6	8,0	988	232	2292126				
	7	8,0	1830	72	131040				
	8	10,0	512	512	12688				
	9	10,0	40	512	20460				
	10	12,5	40	512					
	11	16,0	182	512	93184				

	MAC	DIAM	C TOTAL (m)	PESO-LOGS (kg)
CASO	8,0	3740,7	1420,9	1426,0
	10,0	122,9	183,4	86,6
	12,5	204,8	217,2	101,4
	16,0	931,8	1019,4	85,4
CASO	5,0	504,1		
PESO TOTAL				
CASO	3545,9			
CASO	85,4			

VOL. de concreto total (C-25) = 39,55 m³
 Área de forma total = 286,34 m²