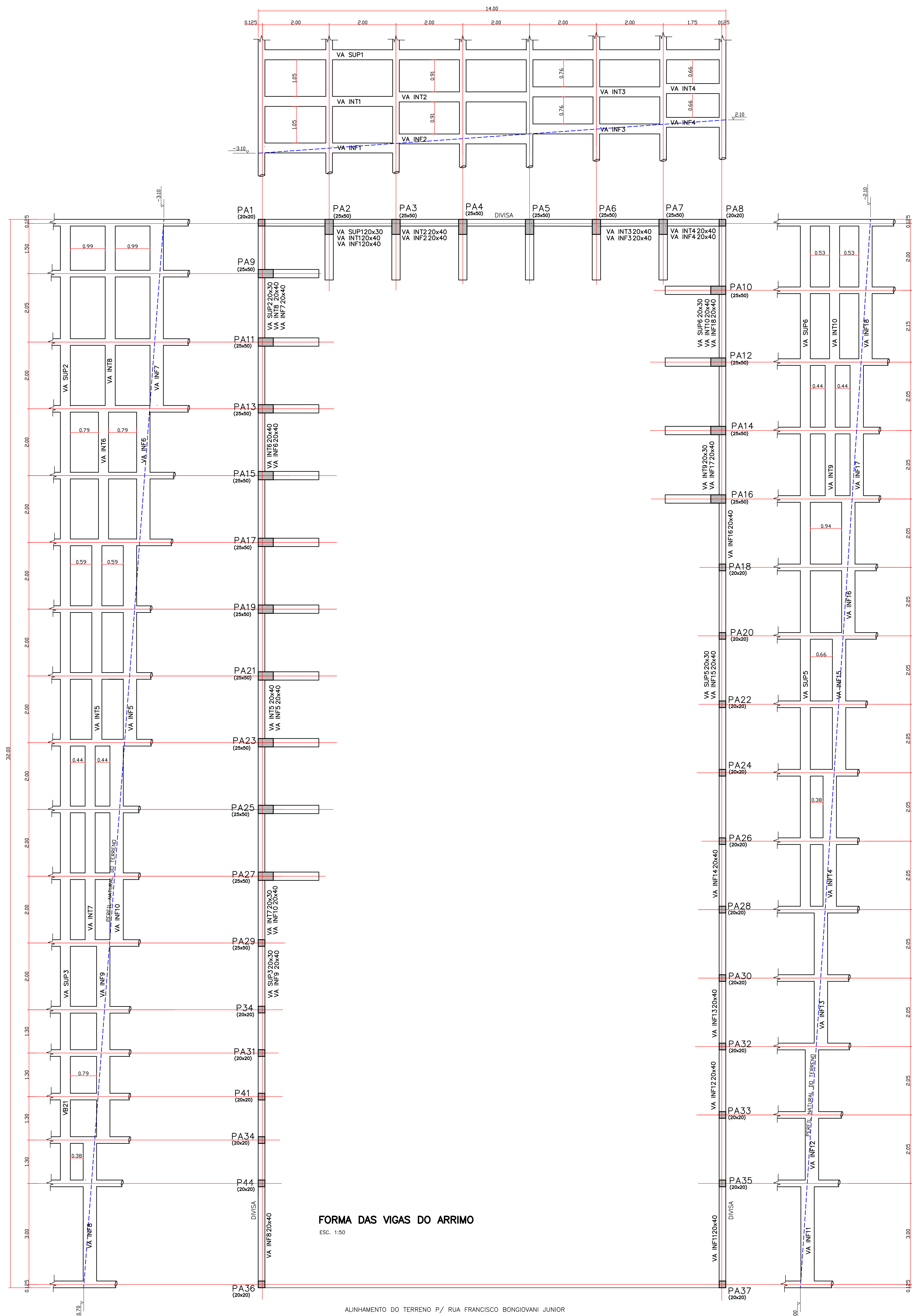
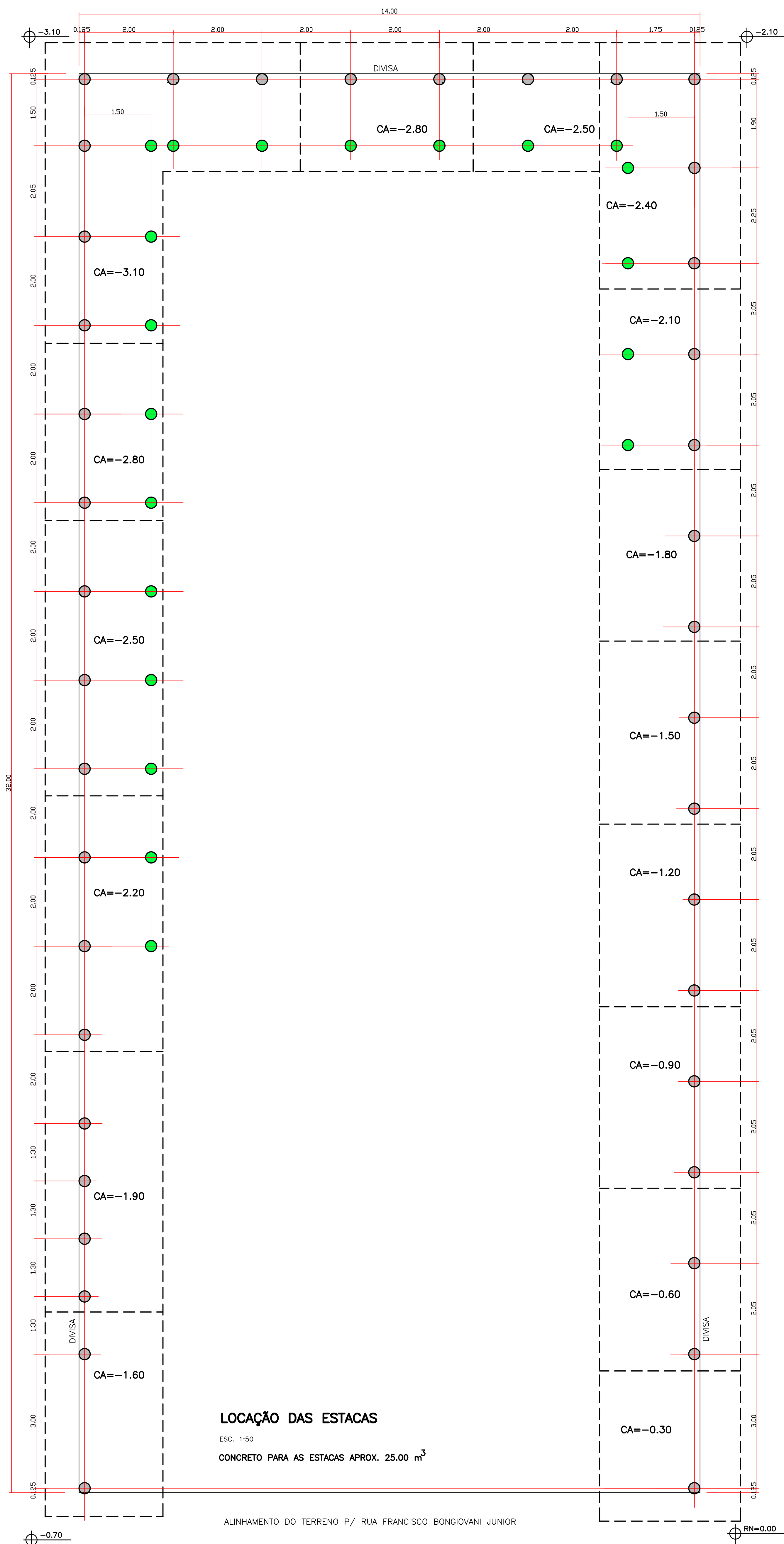
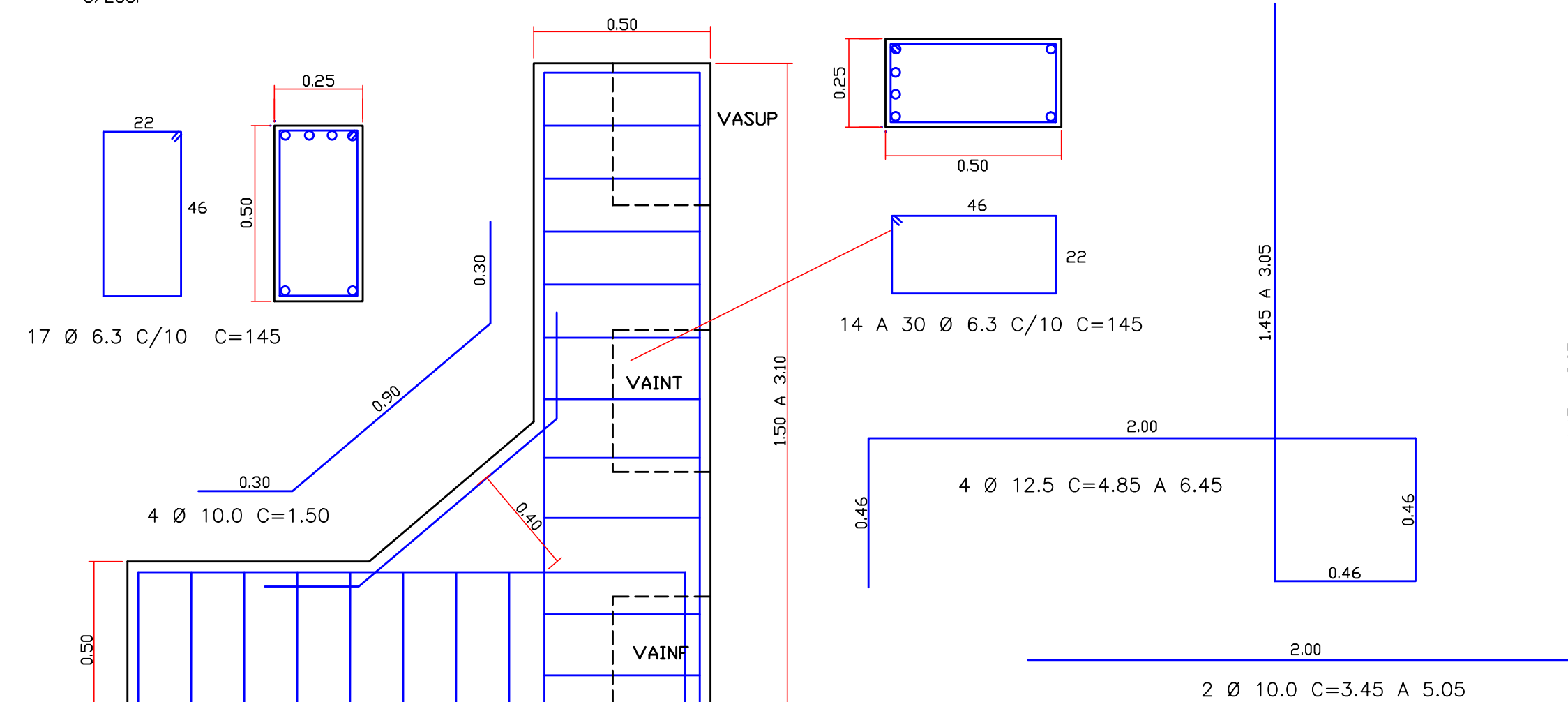




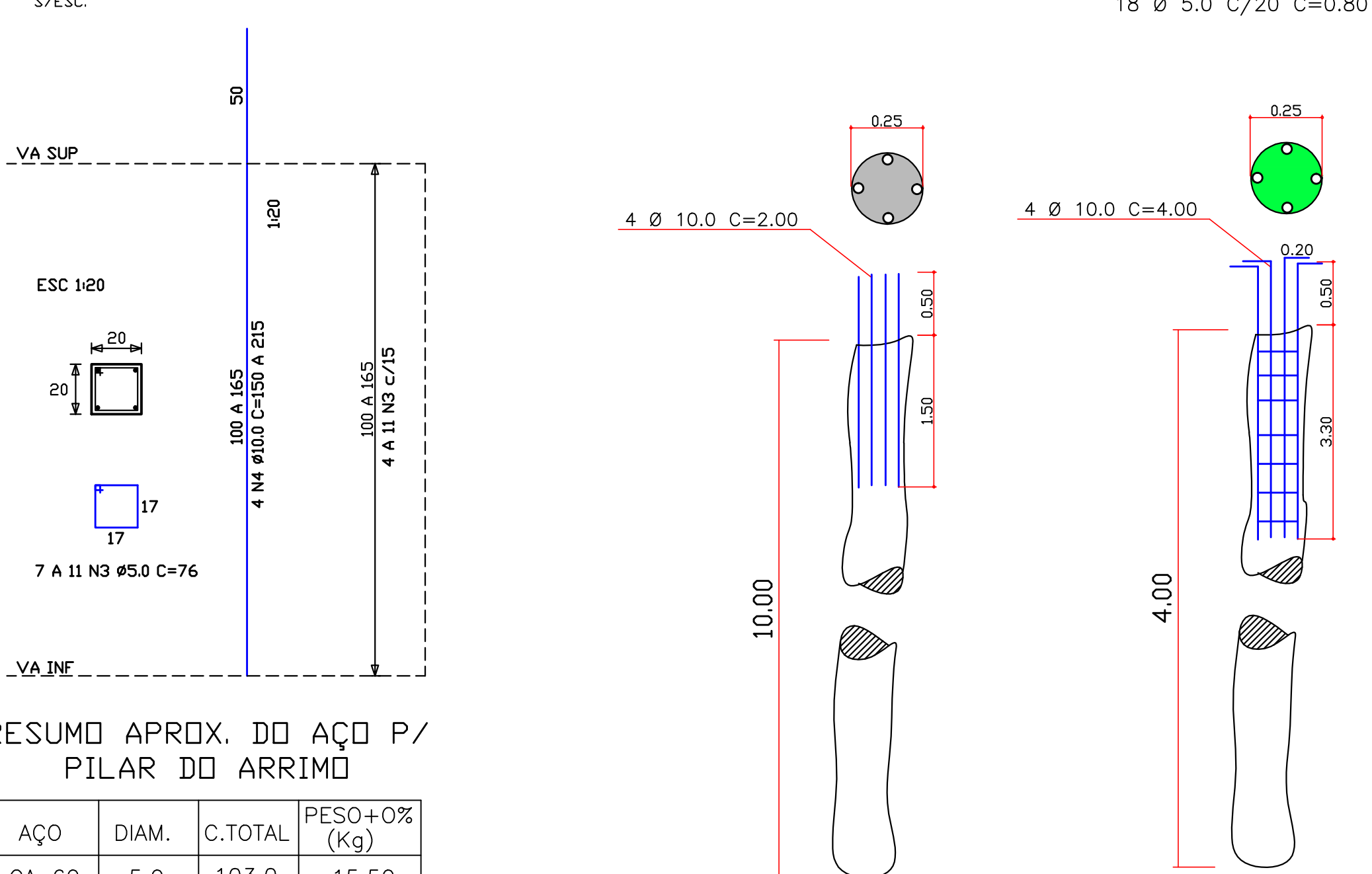
ARMAÇÃO DO PORTICO P/ OS PILARES (25x50) 20X



RESUMO APROX. DO AÇO P/ PORTICO

AÇO	DIAM.	C.TOTAL	PESO+0% (Kg)
CA 50	6.3	1267.0	316.9
CA 50	10.0	315.0	198.5
CA 50	12.5	462.0	462.0

ARMAÇÃO DOS PILARES (20x20) 18X



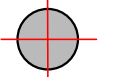
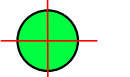
RESUMO APROX. DO AÇO P/ PILAR DO ARRIMO

AÇO	DIAM.	C.TOTAL	PESO+0% (Kg)
CA 60	5.0	103.0	15.50
CA 50	10.0	122.4	77.11

CONVENÇÕES DAS ESTACAS

ESTACA TIPO ESCAVADA COM PERFURATRIZ

$\phi=0.25$ m $F_{ck}\geq 15.0$ MPa BRITA N° 2 SLUMP 6 $\pm$ 1

- PROFUNDIDADE:
-  = 10.00 m QUANTIDADE 40 UN.
 -  = 4.00 m (ARMADA) QUANTIDADE 20 UN.

RESUMO DO AÇO P/ ARRANQUE DAS ESTACAS

AÇO	DIAM.	C.TOTAL	PESO+0% (Kg)
CA 60	5.0	302.0	45.3
CA 50	10.0	656.0	413.3