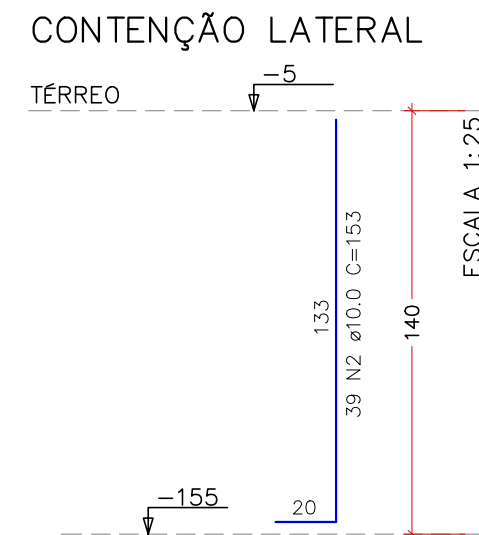
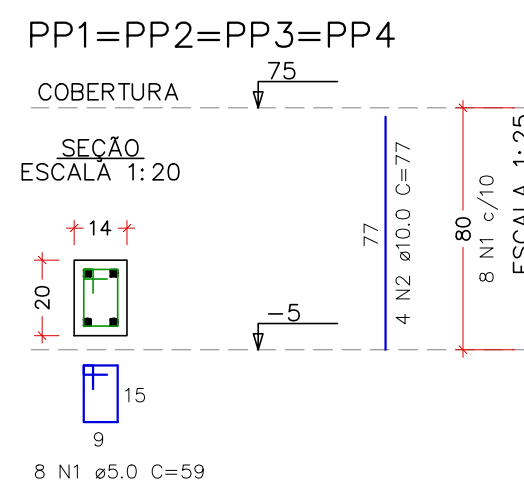
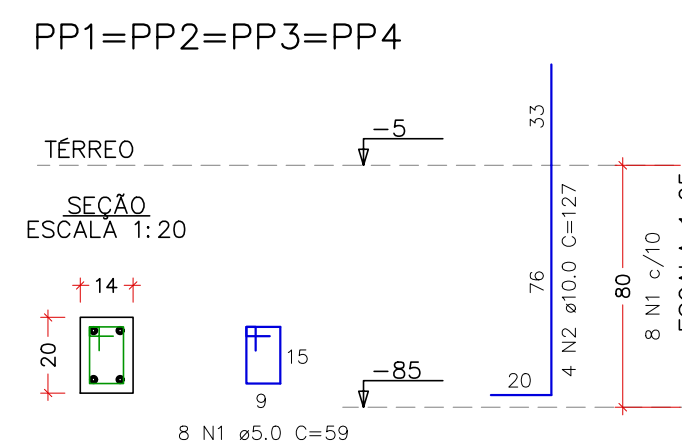
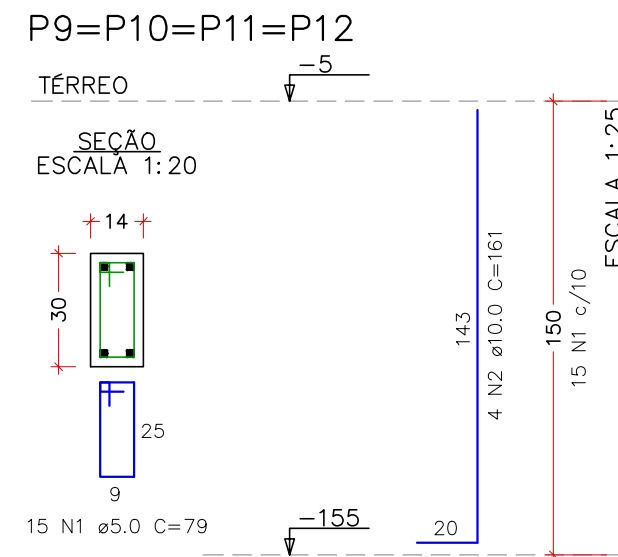




RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	227.9	154.7
PESO TOTAL (kg)		VOLUME DE GRAUTE 15 MPa = 1.65 m ³ BLOCO ESTRUTURAL 14x19x39 = 26.2 m ³	
CA50	154.7		

DETALHE DE DOBRAS
SEM ESCALA

DIÂMETRO MÍNIMO DOS PINOS DE DOBRAMENTO DAS BARRAS:

ESTRIBOS	
Ø (mm)	D (mm)
5,0	15,0
6,3	18,9
8,0	24,0
10,0	30,0
12,5	62,5
16,0	80,0
>= 20,0	8xø

BARRAS DE TRAÇÃO

ø (mm)	D (mm)
5,0	30,0
6,3	31,5
8,0	40,0
10,0	50,0
12,5	62,5
16,0	80,0
>= 20,0	8xø

GANCHO DOS ESTRIBOS:

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