

EXEMPLO

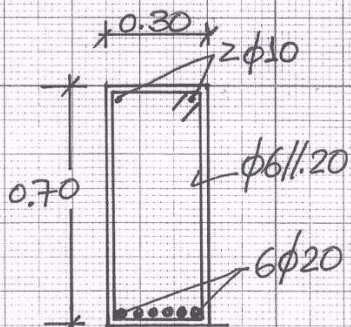
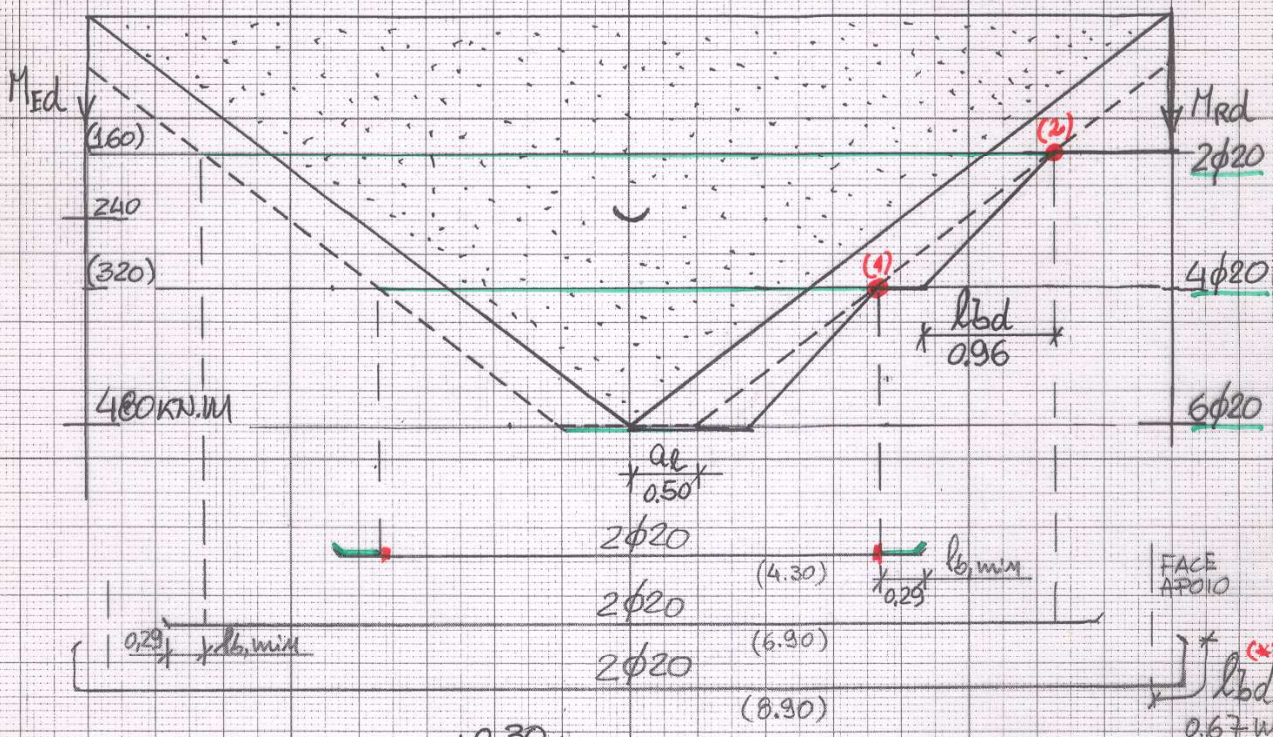
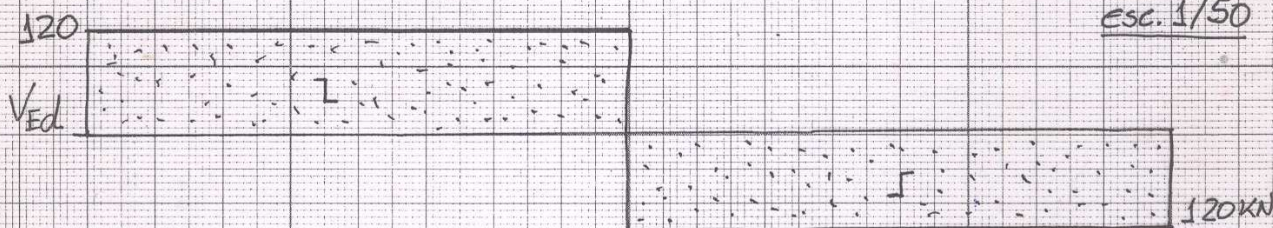
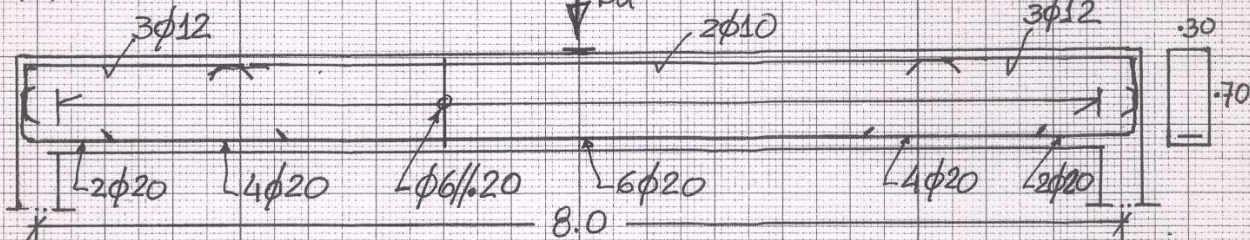
DISPENSA DE ARMADURA LONGITUDINAL EM VIGA SIMPLEMENTE

APOIADA SUJEITA A AÇÃO CONCENTRADA

C20/25
A500

$d = 0,65 \text{ m}$

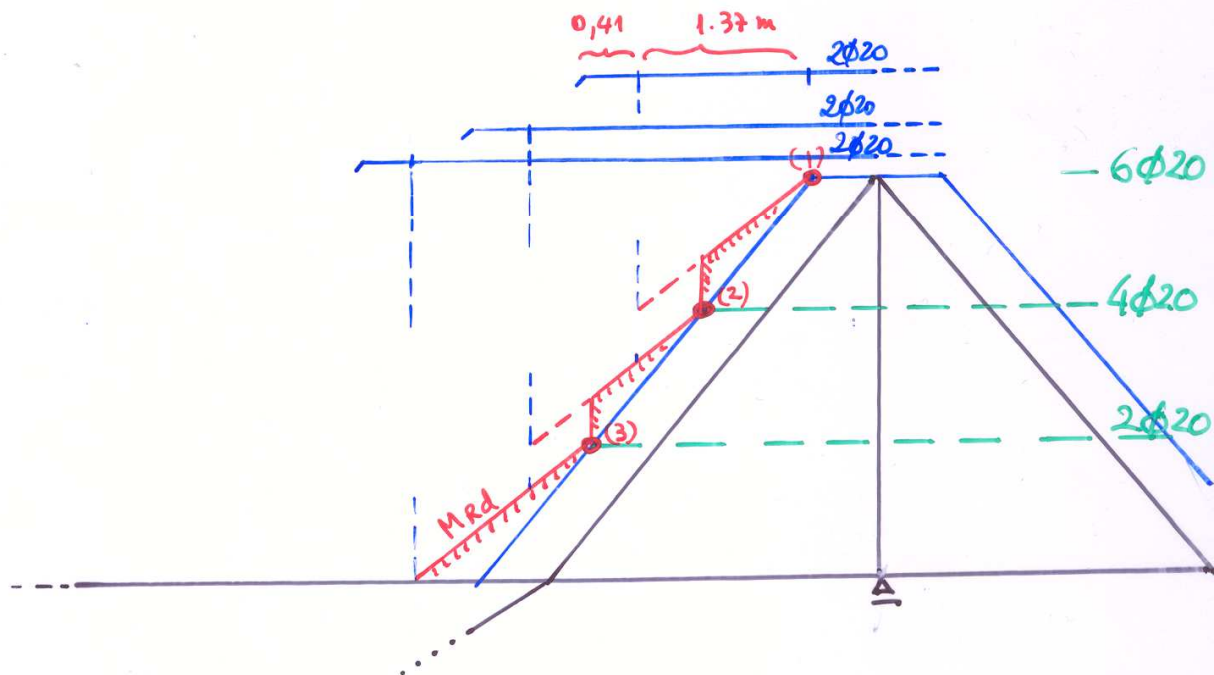
$F_{sd} = 240 \text{ kN}$



BASE: VAROES DE
12 m COMP.

(*) Boa aduência, c/ cotovelo:
 $e_{bd} = 48\phi \times 0,7 = 0,67 \text{ m}$

= ZONA DE M_{ed} NEGATIVOS =



Admissão fraca ($\phi 20$): $l_{bd} = \frac{48\phi}{0.7} \approx 69\phi = \underline{\underline{1.37m}}$

$l_{b,min} = 0.3 l_{bd} = \underline{\underline{0.41m}}$

= Proceso simplificado (REBAP, EC2: 9.2.1.3(3))

