51 Fx= 0: TBC COS (30) + TBE. 3 -94 = 0 13/18L + 3TBE=94 2 Fy=0: TBL sen BO)-TBE/4)=0 31.4 TBE + 3 TBE = 94 -> TBE (4131+3) - 94-> TBE = \$2,94-1

Fx=0:-82,97/3/+TDECOS[30]=0. 1 = y=0: 1DE sen(30) +82,97 (4)-P=0

$$\frac{3}{4} + \frac{1096}{9} = \frac{3}{7} + \frac{6}{9}$$

$$\frac{7}{18} = |\overline{148}| \left(\frac{3}{7}, \frac{3}{7}, \frac{6}{9}\right)$$

$$\frac{7}{18} = |\overline{148}| \left(\frac{3}{7}, \frac{6}{9}, \frac{6}{9}\right)$$

Digitalizado com CamScanner

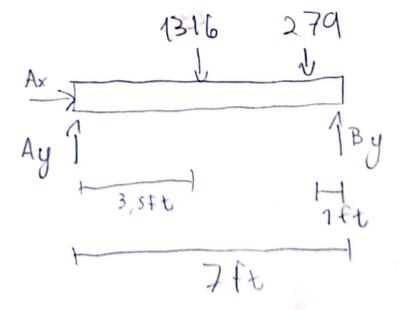
b) 
$$\sum M_B = 0: 3 \cdot [N4360] \cdot 5 - 12 F_A Sen(60) - 3 F_A cos(60) = 0$$

$$3F_A\left(2\sqrt{2}-\frac{1}{3}\right)=\frac{15}{13}\left(N+260\right)$$

$$F_{A} = \frac{5}{13} (N+260) (412) = \frac{5(N+260)(412)-1}{26}$$

C) ZIFX =0: Ax -Bx - (N+260) (B) =>NBx = Ax - (N+260) [5] JiFy=0: Ay+By-(N+260) (12)=> By=(N+260) (13) B=-108,897+208,1271

$$F_{2} = \frac{3(374-188)}{2} = 27916$$
  
 $X_{2} = 675t$ 



C)  $\sum_{y=0}^{\infty} Ay - 1316 - 374 + By = 0$ Ay = 792,8616

>1, Fx=0: Ax=0

A=706,65j