	Assignment # 06	STREET, STREET
	Hanneled by A. L.	
	Harshit trumdelwal	Camlin Page
	16UME017	Date / /
Sol 1.	W NIm	
	A marine B	
Michigan Company	JB = 40 mm	
	100000000000000000000000000000000000000	
15	A JUNEAU B	
		A
	Mx = - W(1-202 EI 9"	
	2	
	→ W(1-x)3 FT W	
	6	
10	=> - W (1-2134	
	74 + C12 + C2 = ET Y)
	ON N=0 , D=0 8 DI=0	
VV	We3 +0, =0 => C1= -We3	
	6	
	- Wly + C2 > C2 = Wly	
	24	
	8 = - W13 , 9B = - W14	
	GET SET	i y
	here 9 = 40 mm, l = 3 x 103 m	m
20		•
	40 = - W x81 x 109 W =	0
	90 = - W × 81 × 16	-8x40 (81 x109)=14
	8 ET ET	(81 ×103)=1,
	7) R = 8 x 40 13 8 x 40	
	14 6 = 3×103×6	
25	2 3 7 10 7 6	<i>2</i>
	5's = 17.78 × 10-3 Red.	
		Contract Contract
30		

 $M_{xx} = -7 \times 10^{3} (1-x) - 4 \times 10^{3} (1-x-\frac{1}{3})$

Mxx = -2 x 103 [1-x + U1 72]

 $M_{\chi\chi} = -2 \times 10^3 \left(\frac{71}{3} - 32 \right) = (2 \times 10^{13}) 5^{11}$

 $\frac{7}{3} - 10^{10} \left(\frac{72}{3} - 32 \right) = \frac{91}{3}$

 $3) y = -10^{-10} \left(\frac{71}{3} + \frac{3x^2}{2} \right) + c$

 $\frac{7}{3} = -10^{-10} \left(\frac{71}{6} \right) + \frac{32}{6} + \frac{32}$

at 2=0 = 5=0 & 51=0

→ G = C2 20

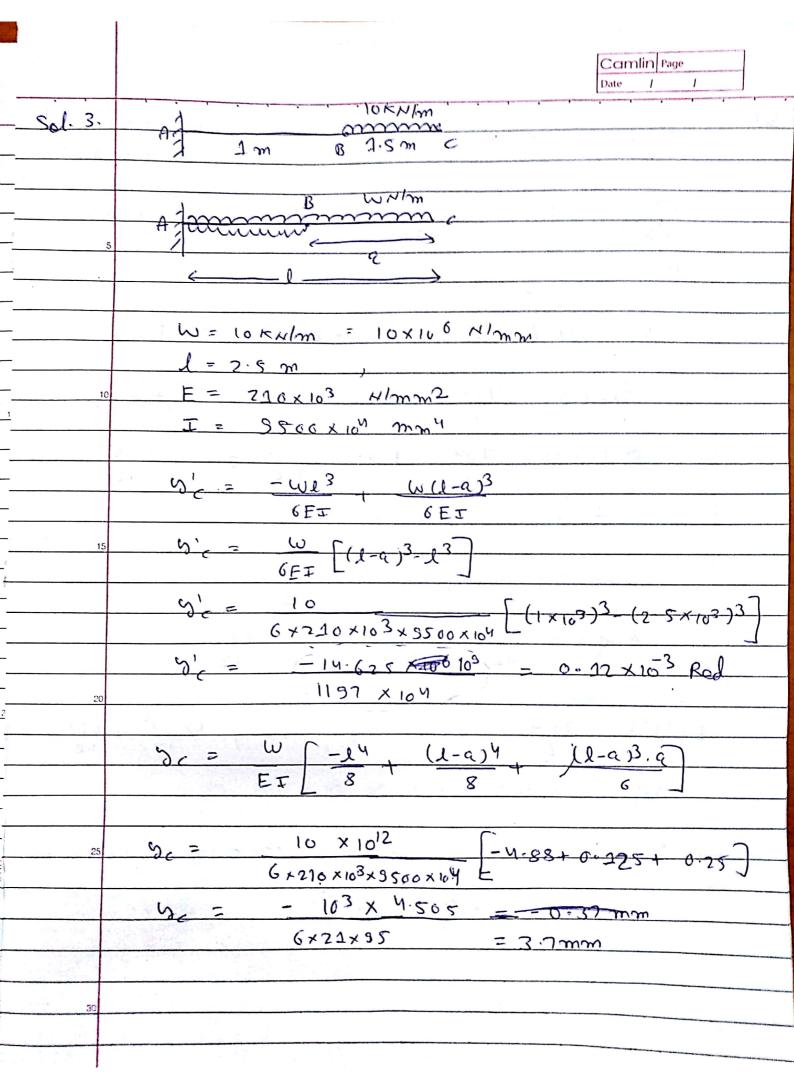
-10/-03

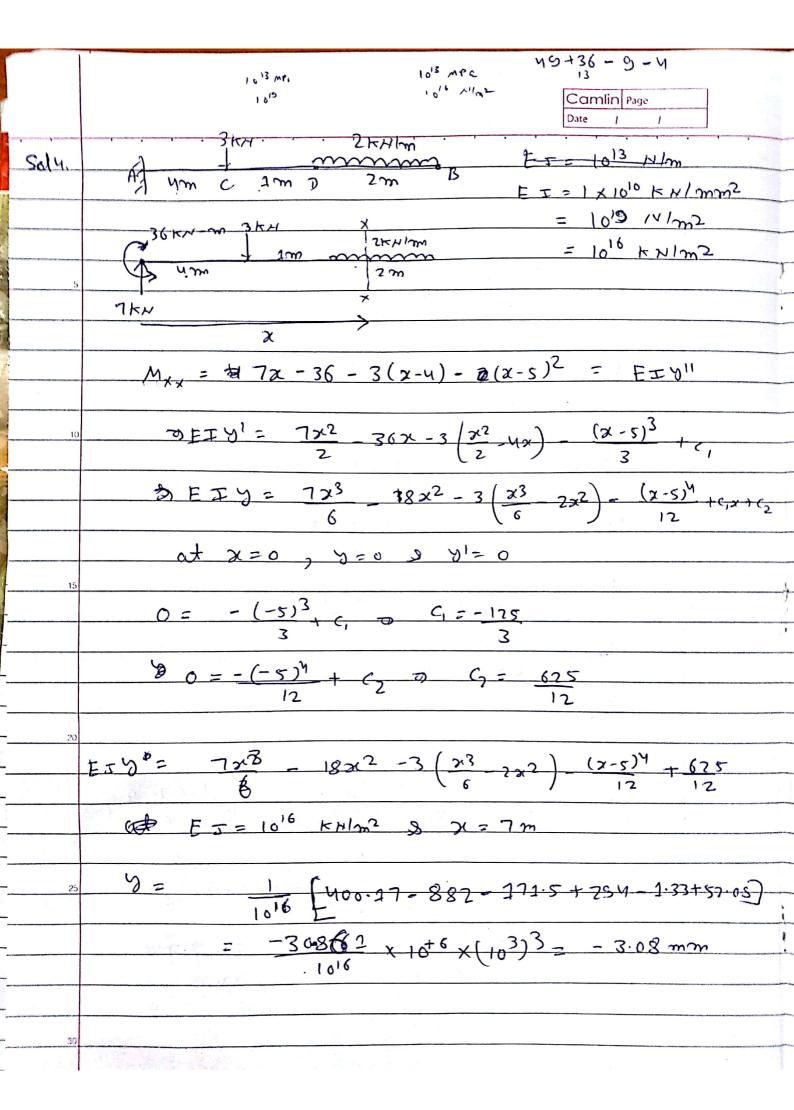
 $y_2 = -10^{10} \left(\frac{71^3}{6} - \frac{31^3}{6} \right)$

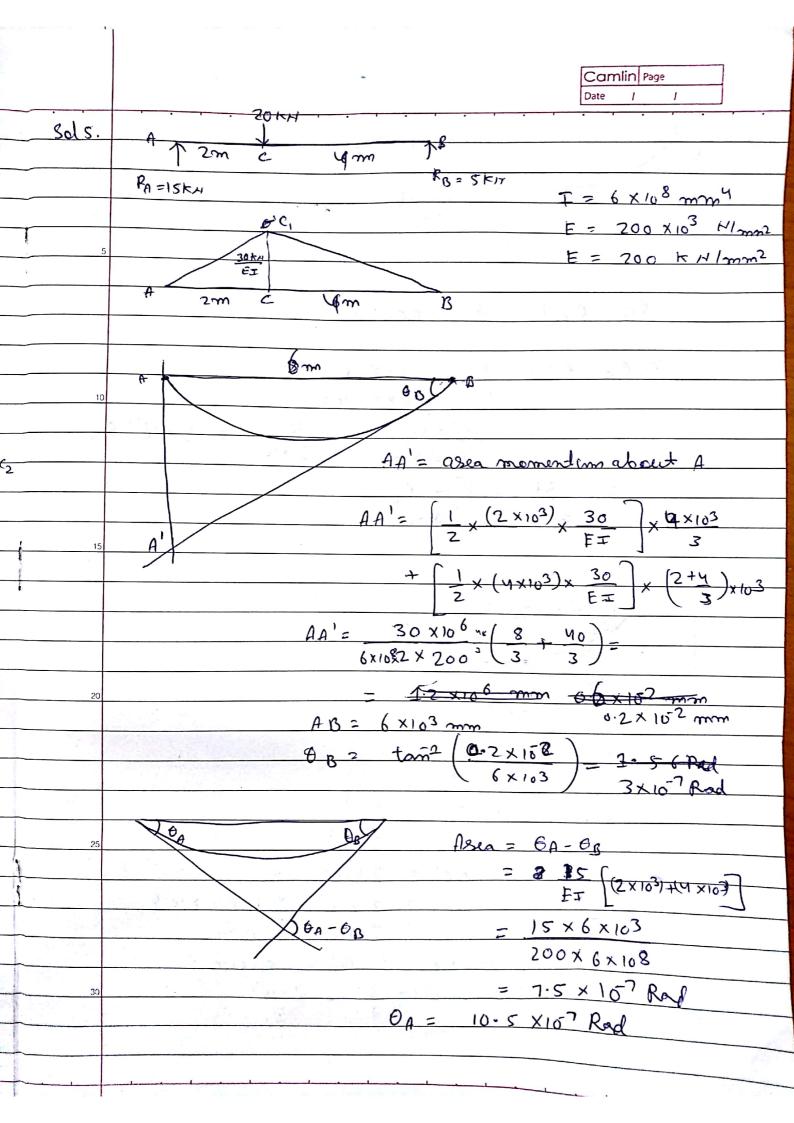
 $39 \text{ y}_2 = -10^{-10} \left(\frac{7 \text{ J}^3}{3} \right)$

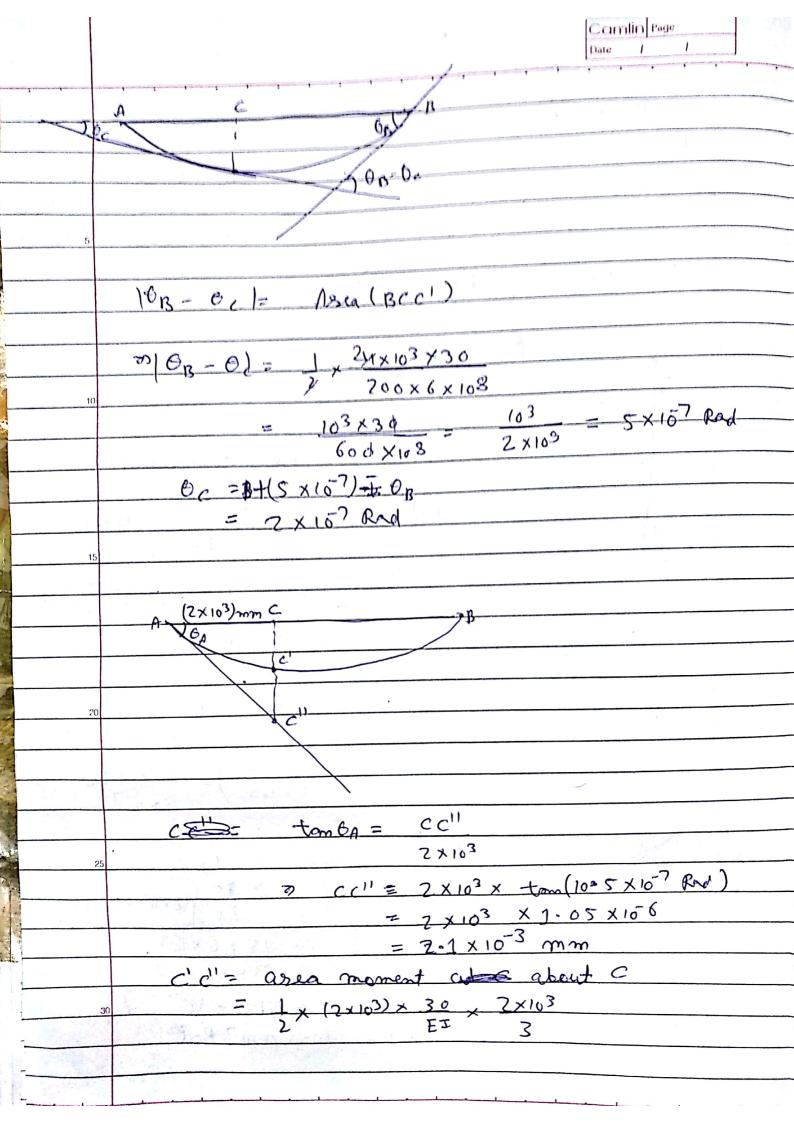
 $= -10^{-10} \times 2 \times 27 \times 10^{9}$

= 1.8 mm = yc









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C'c" = 60 × 106	
209×6×108	
2 10	,
$= 0.16 \times 10^{-3} \text{ mm}$	
depleation at pt c f (c') = Cc	11- c'c'
· ·	0-26) x 10 ⁻³
$= 1.34 \times 1$	