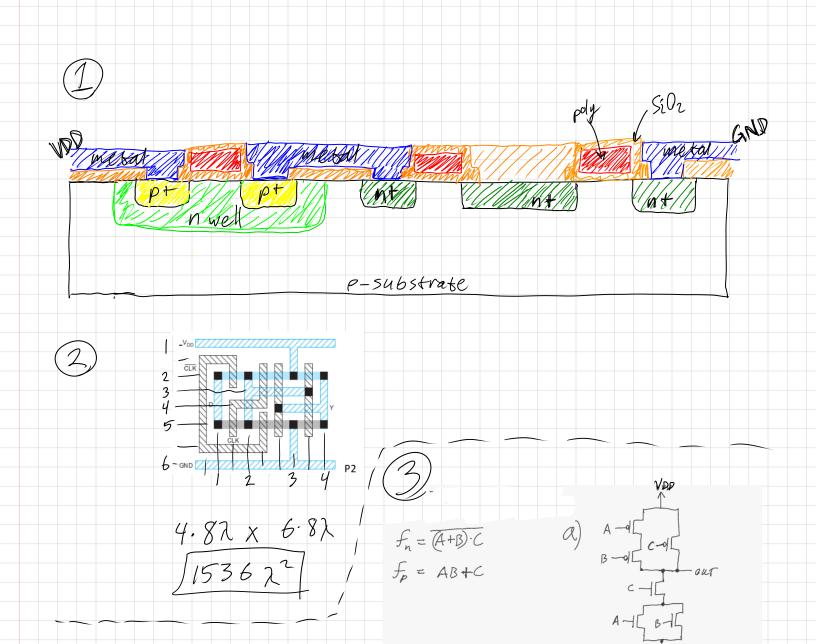
ADAM CORPINCLEY HW3 ECSE 485



 $V_{out}$ V12 = 0.3V VIH = 1.05V 0.6 -VOL = 0.15V 0.3 -0.3 0.6 0.9 1.2 V<sub>in</sub> VOH = 1.2V NM\_= VIL-VOL = 0,3-0.15 NM 4 = VOH - VIH = 1.2 -1.05 NM 4 = 0,15V NM\_ = 0.15V VDD fp = (A+B)·C GND 8/23 J4C tpd ≈ \$2.4C + R.7C  $\approx 2RC + 7RC$ tpd  $\approx 9RC$  rising

Prefusion Capaditance

$$\frac{1}{2} \frac{R_{2}}{R_{2}} = \frac{1}{2} \frac{$$

