## ESE3700

Assume: velocity saturated,  $R_0/2$  sizing for gate drive; inverter sizing is:  $W_n = W_p = 2$ 

1. Consider:





- (e) What concerns might we have with this logic?
- (f) What requirements must we satisfy for correct operation?



2. Determine delays (express in  $\tau$  units in terms of  $\gamma$ ):