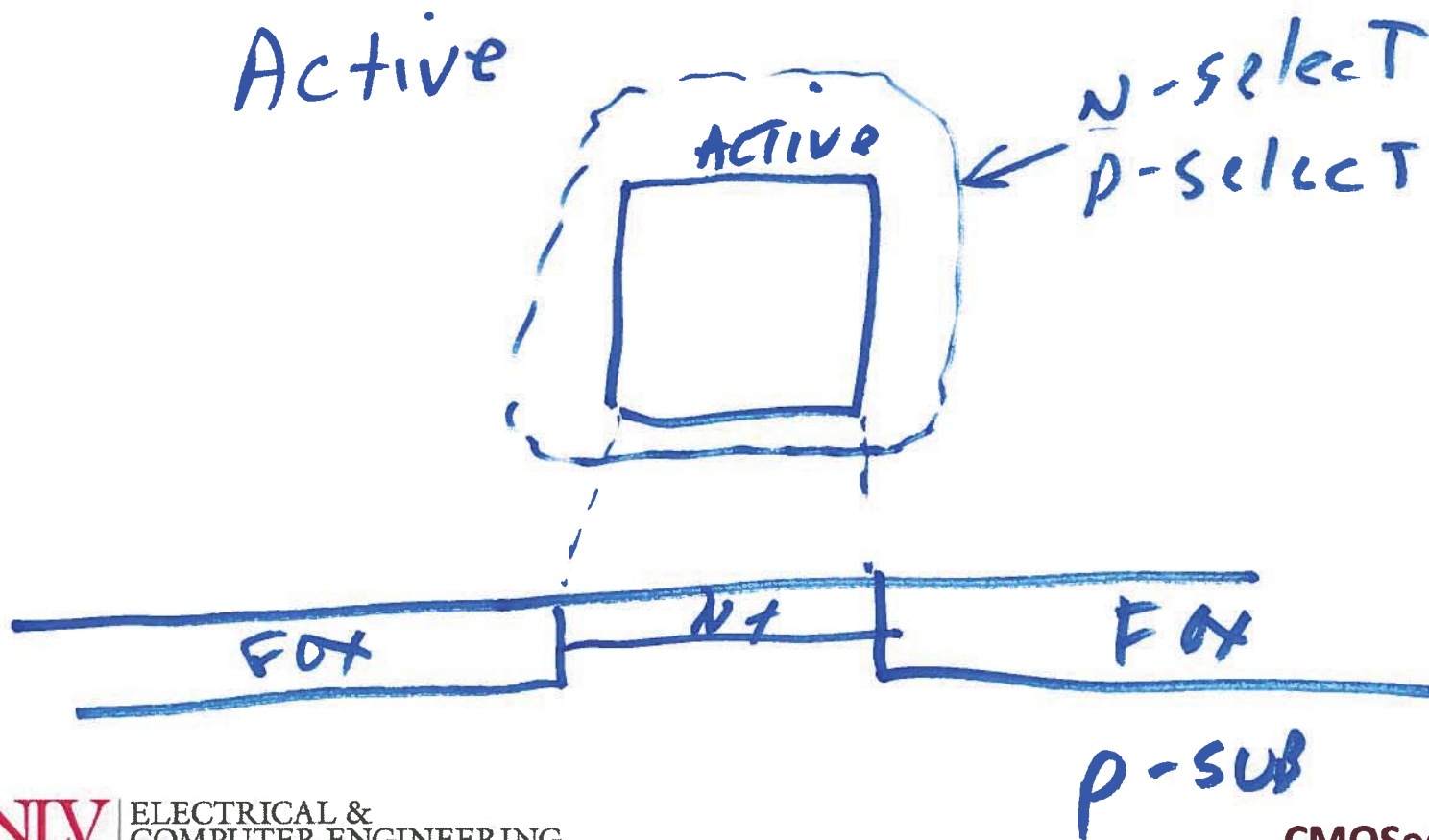


EE 421 / EGG 621

Lecture 7

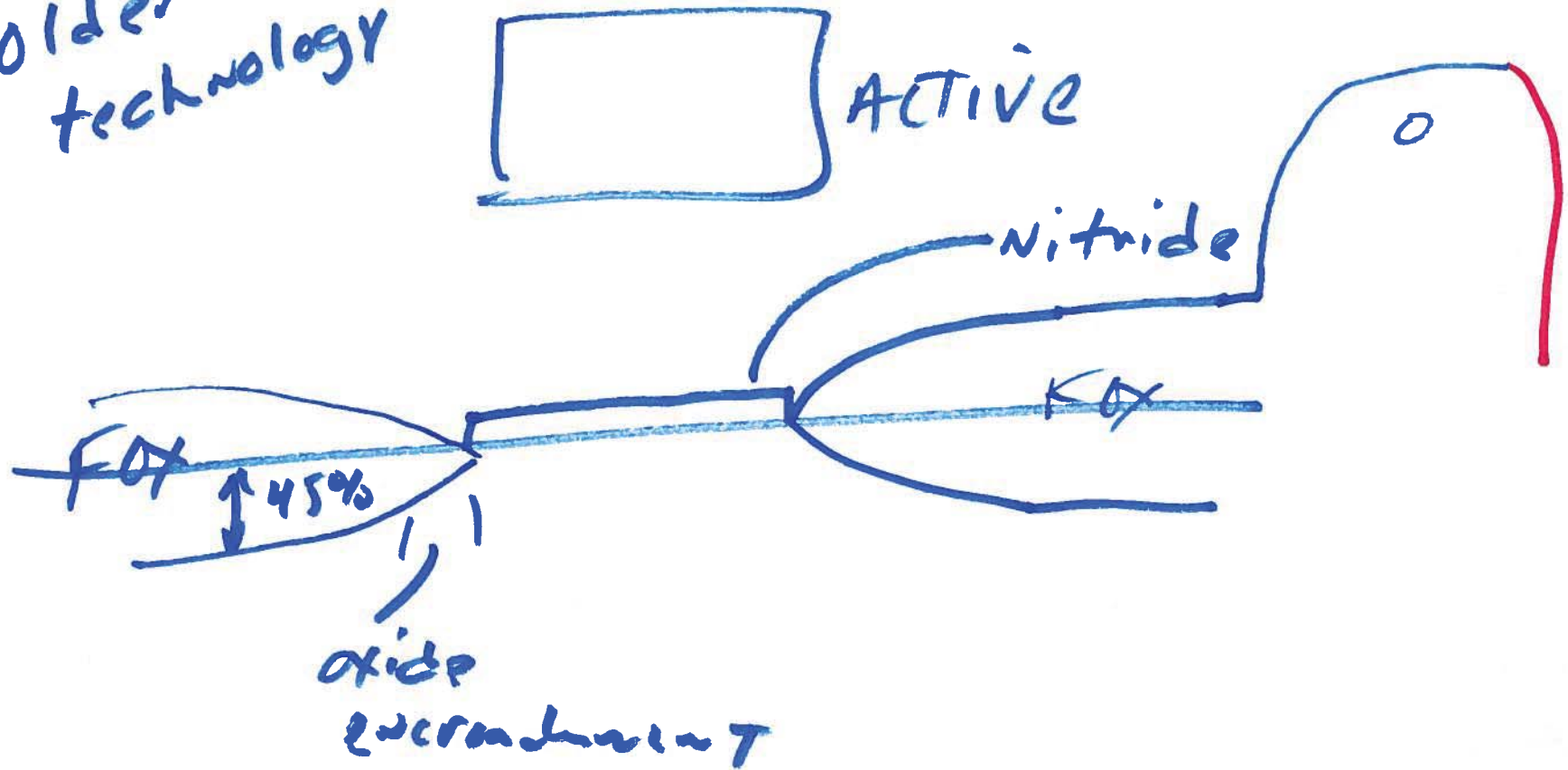
September 20, 2017



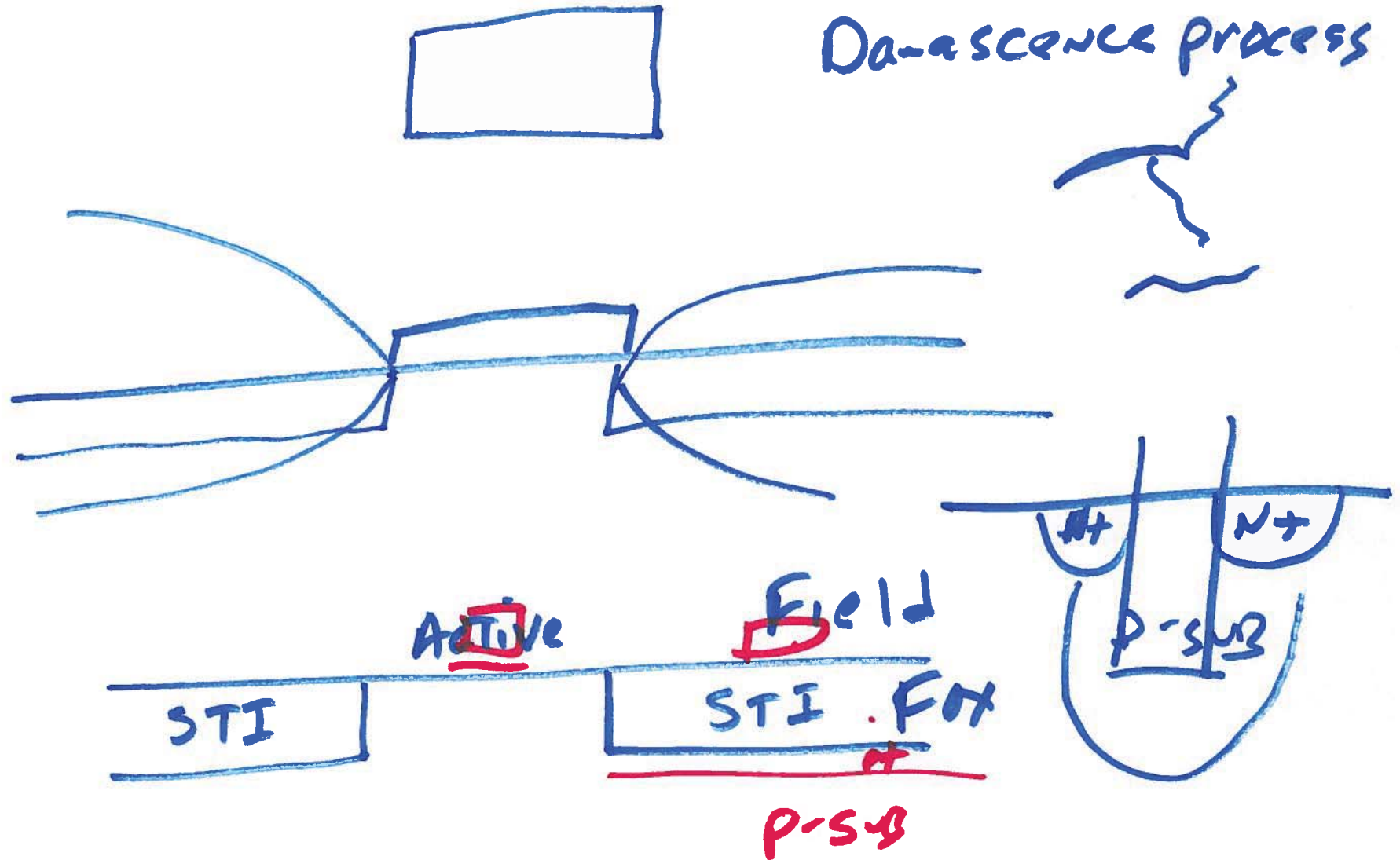
11

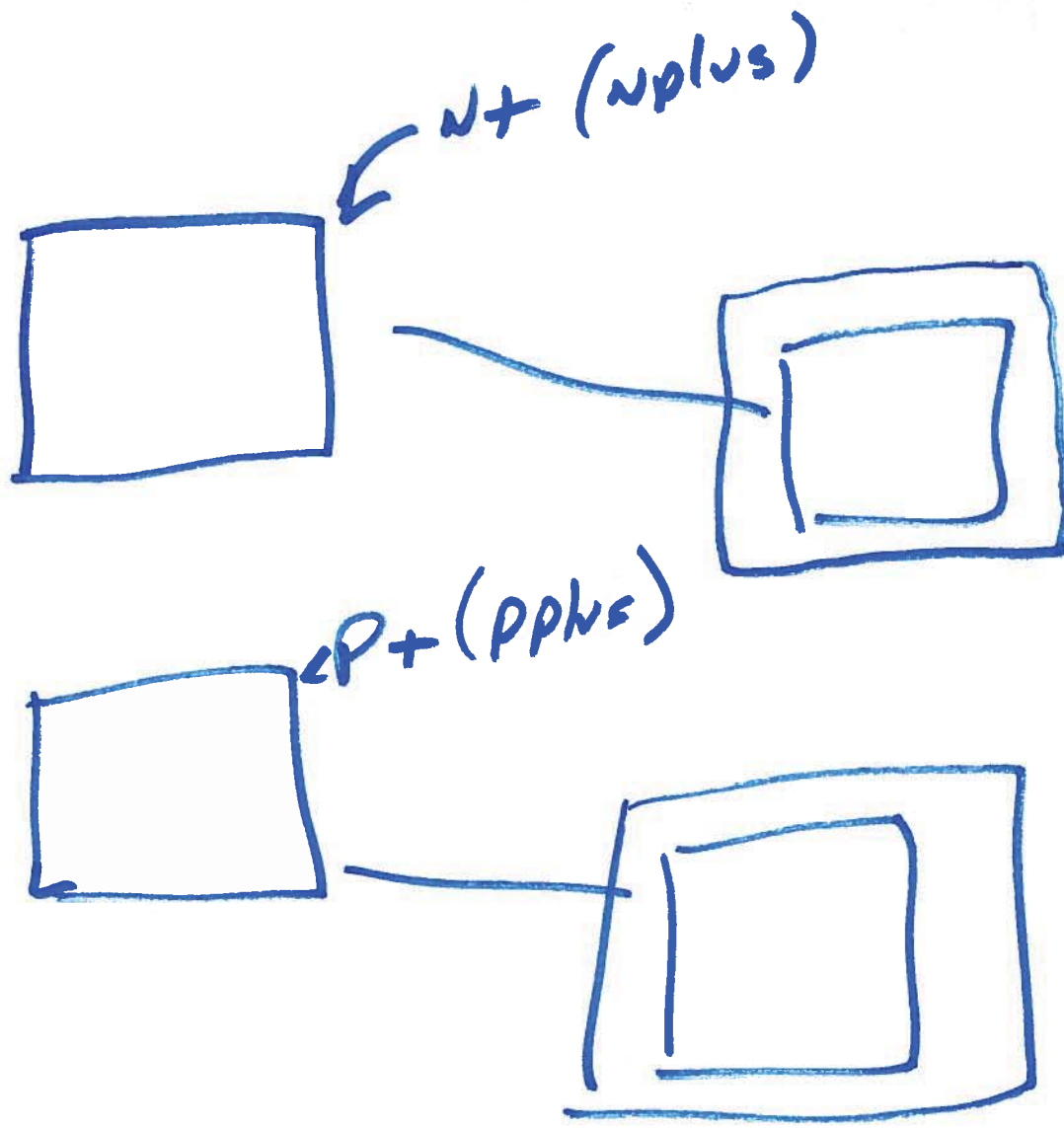
# Local Oxidation of Silicon (LOCOS)

Older technology

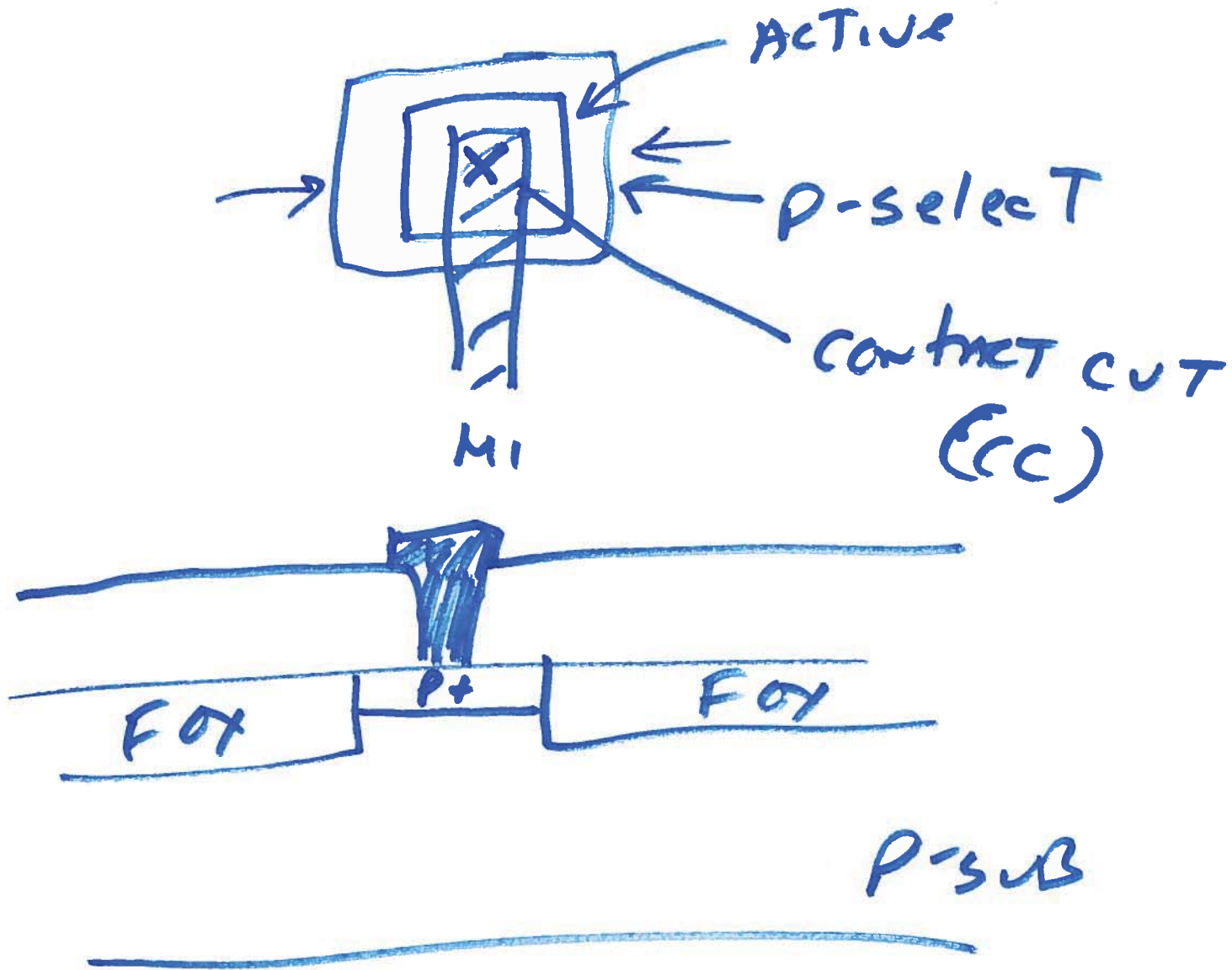


# Shallow Trench Isolation (STI)

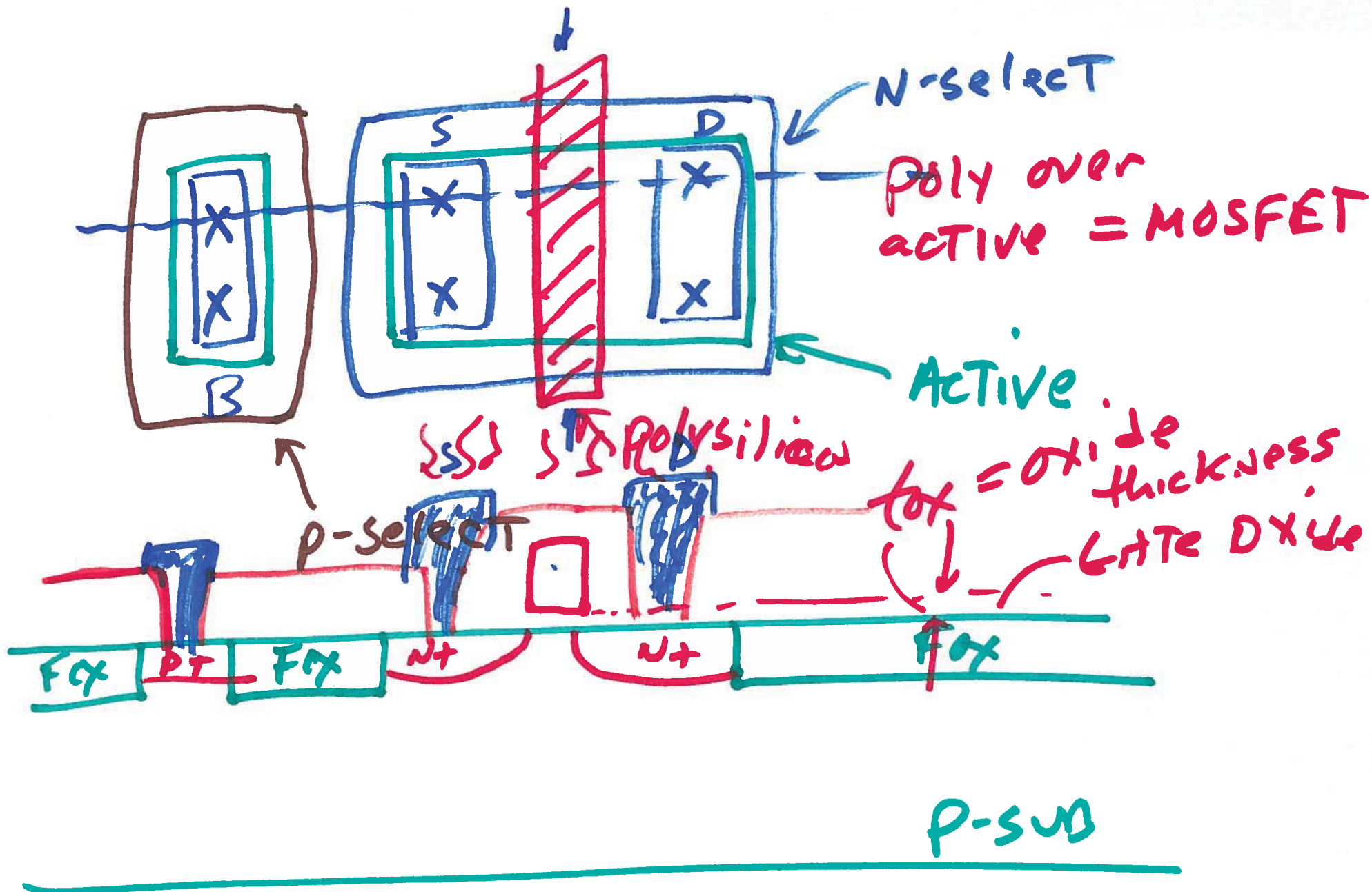




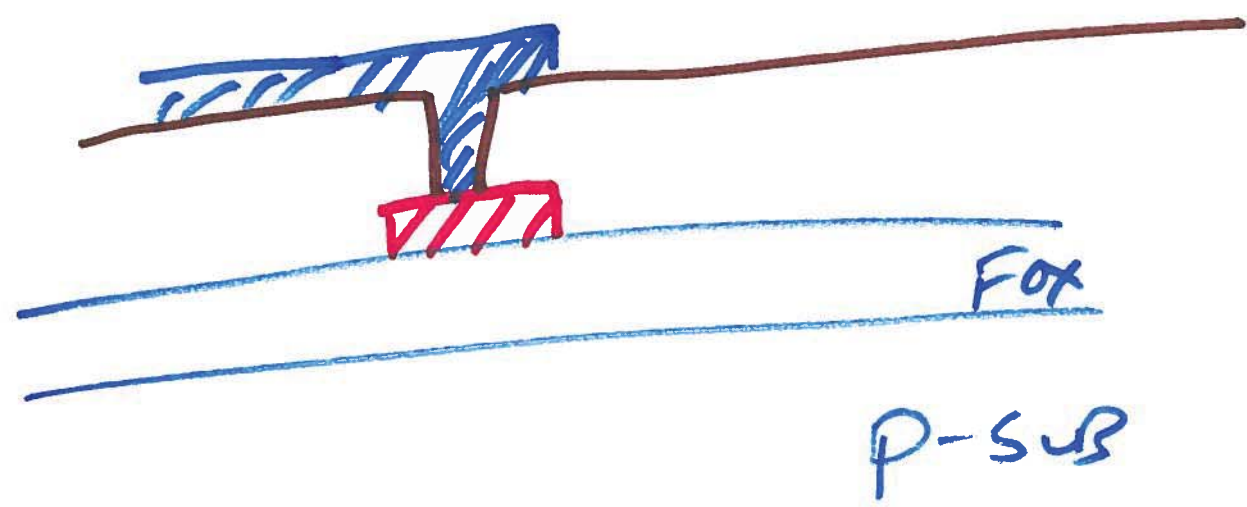
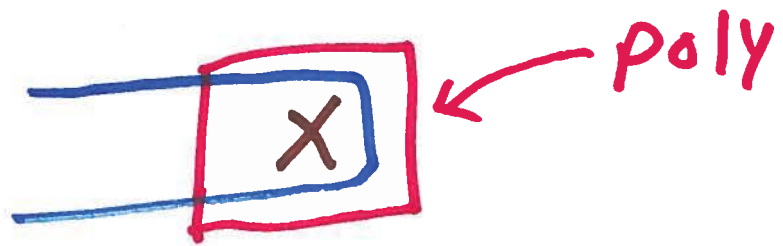
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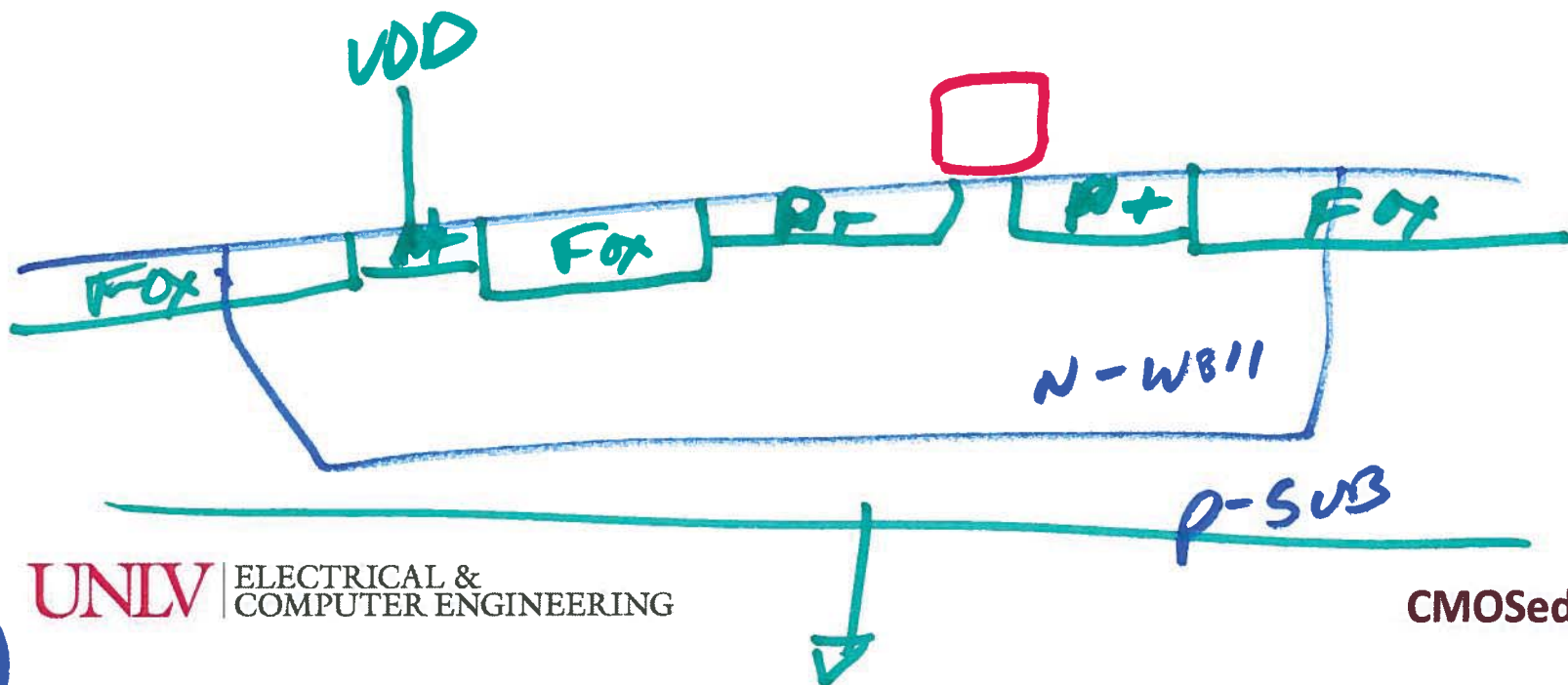
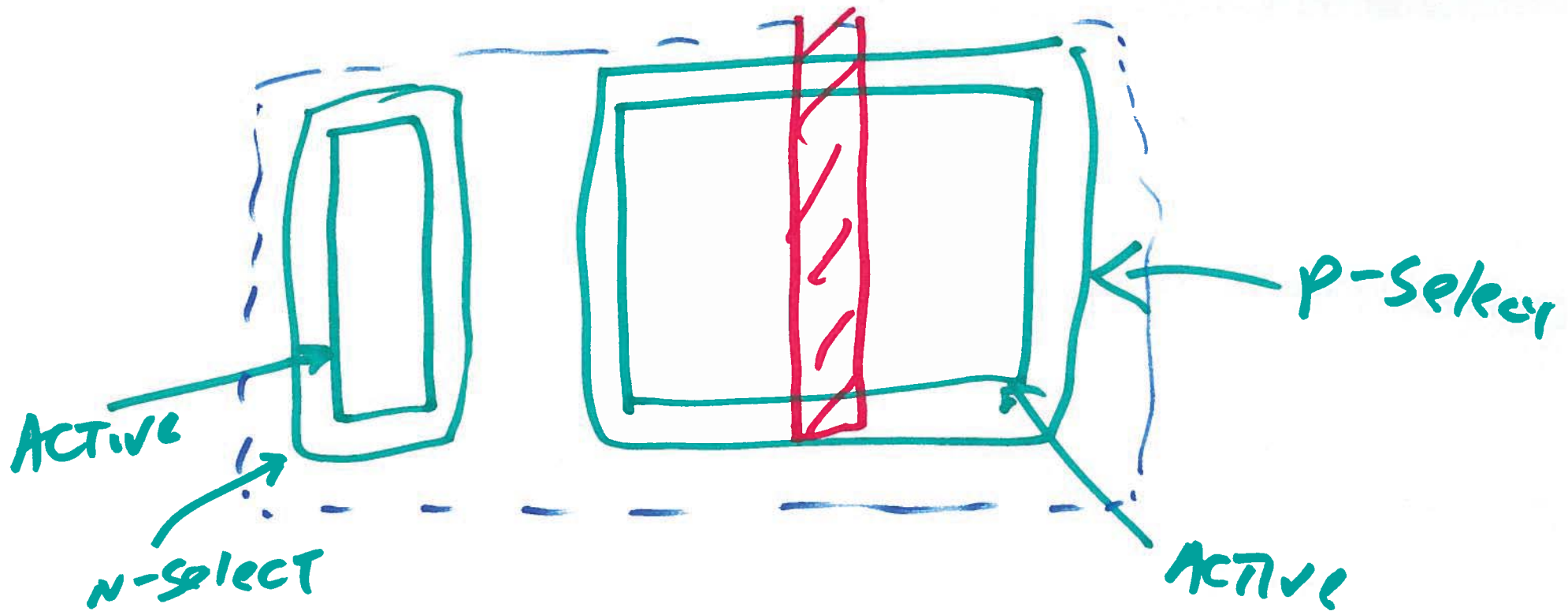
5)



6)



7)



8)