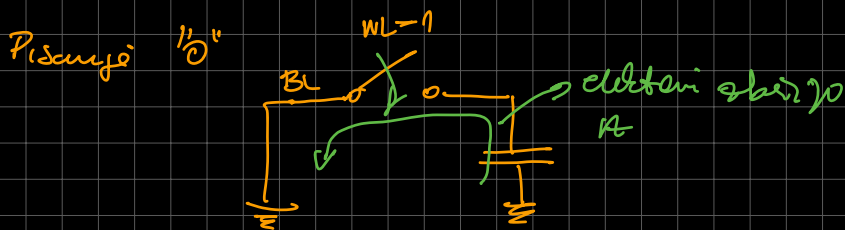
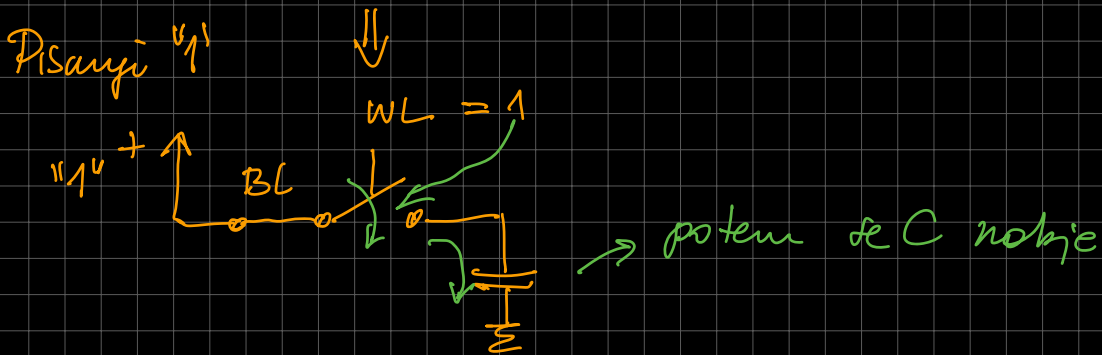
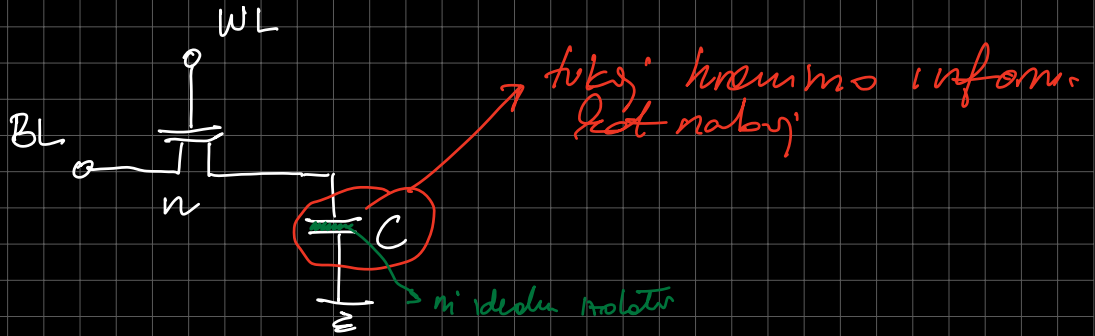
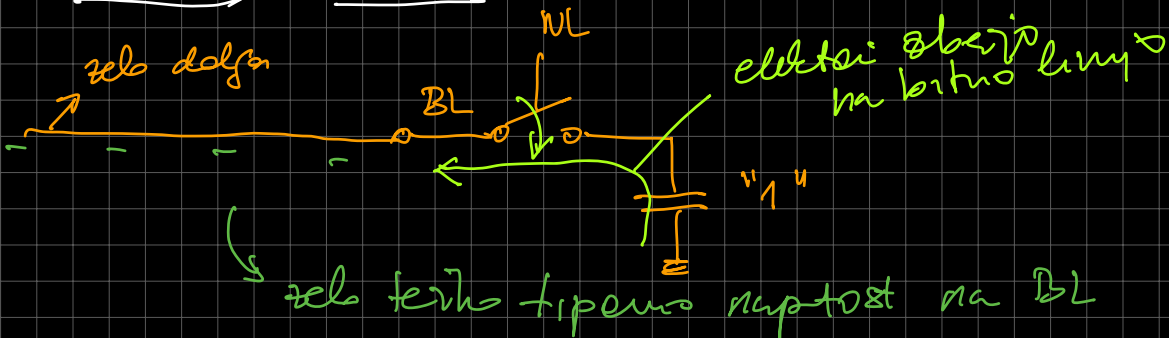


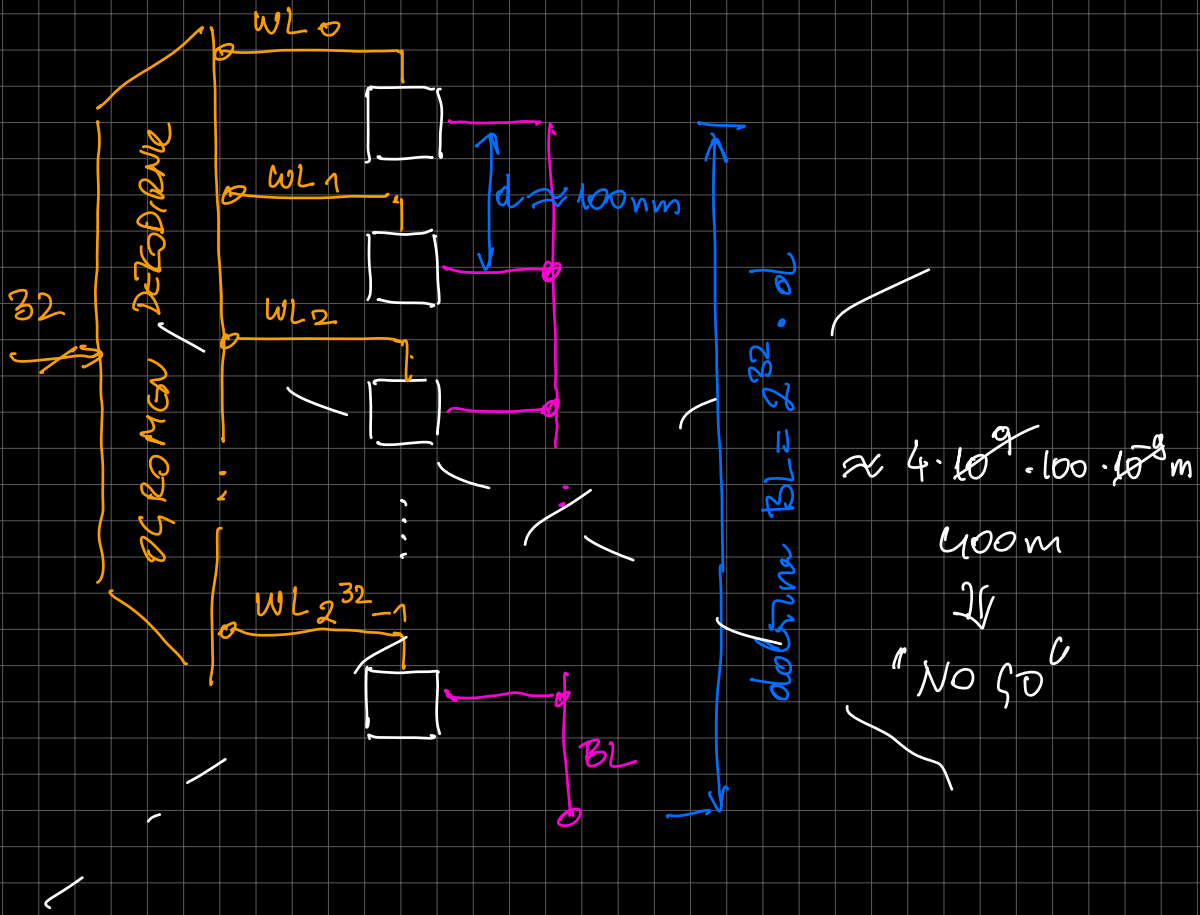
DRAM

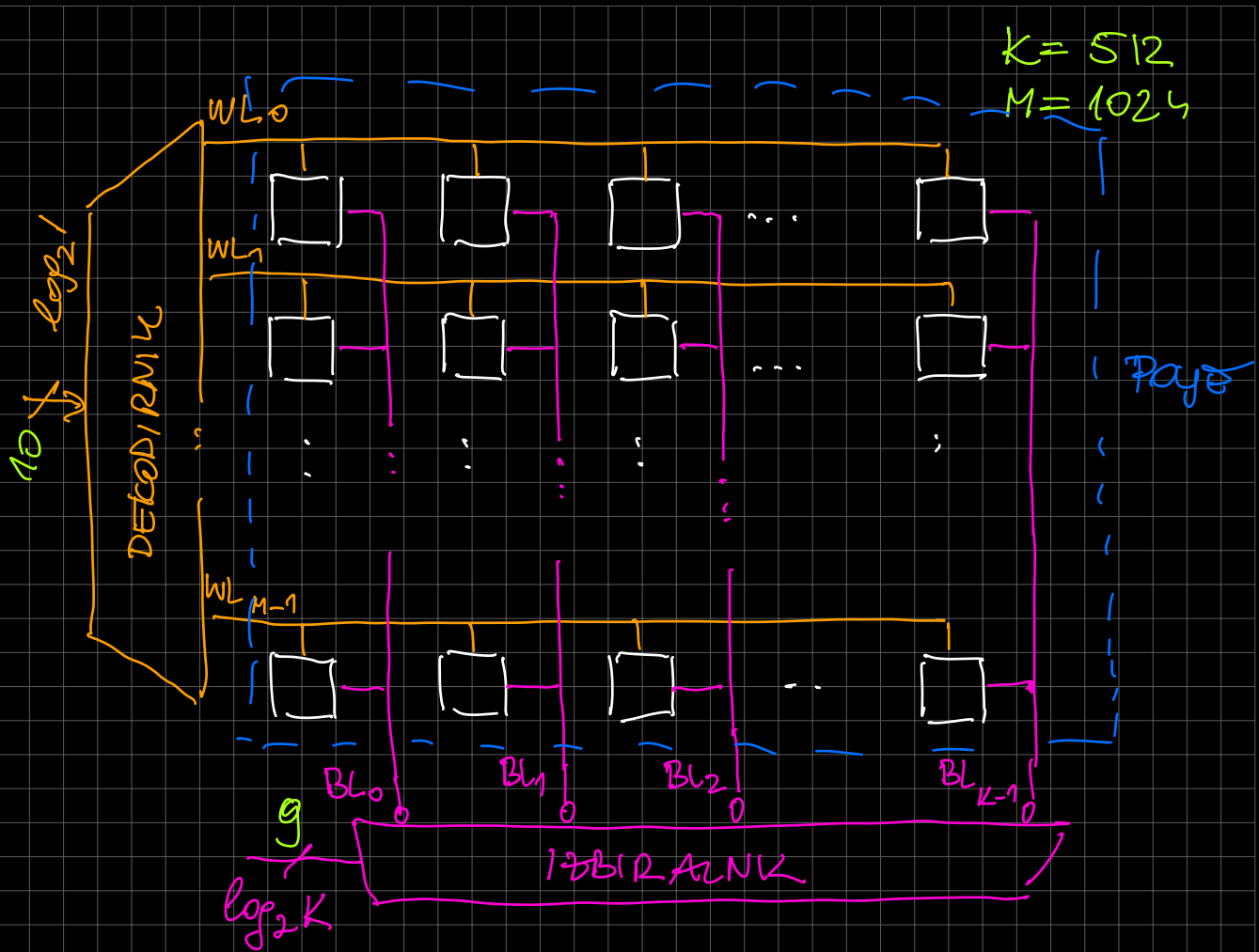


Problem: BRAWE



Predpostavimo, da je pom. beseda dolga 1 bit,
 imamo 2^N pom. besed, kjer je $N = 32$





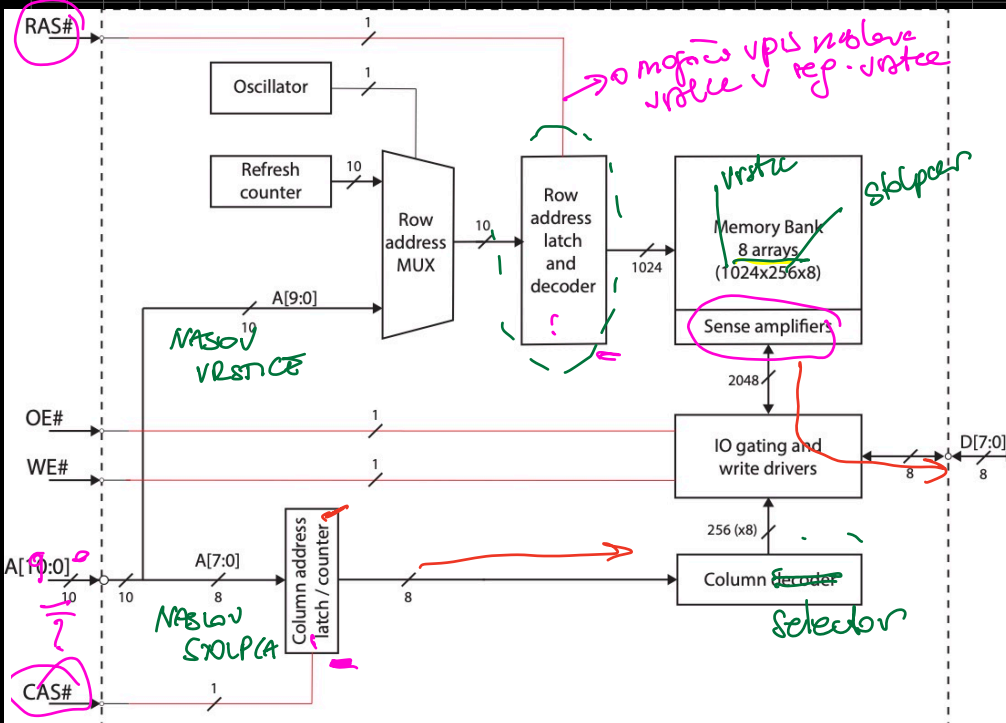
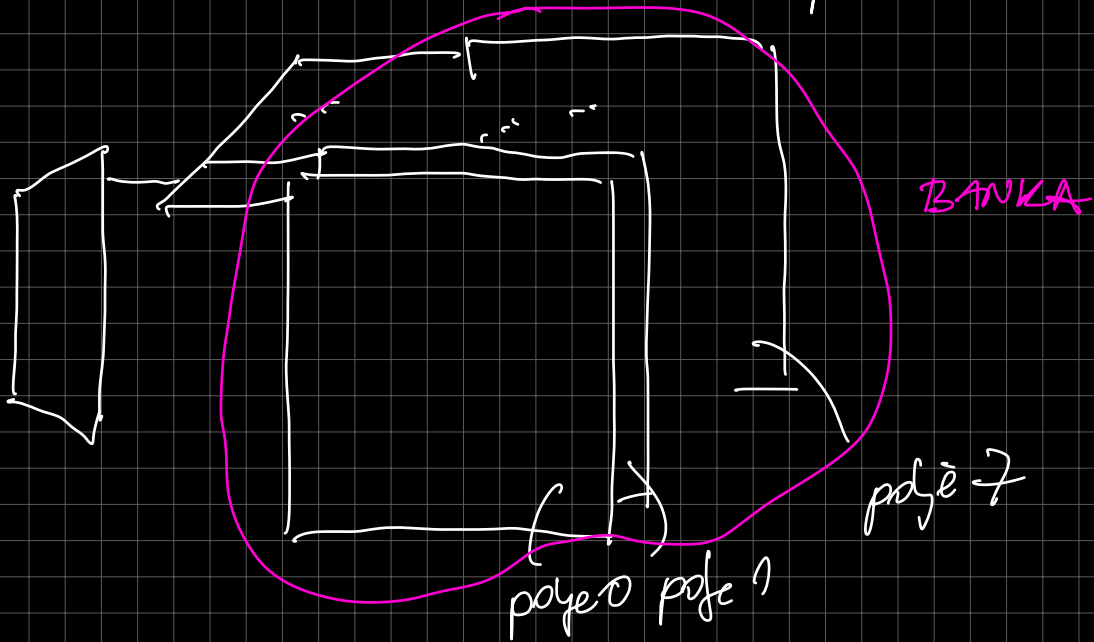
To je je redno 1-bitni DRAM, pri čemer
 smo celice obložili z 2D page

- ⊕ skrajšali bitne linije
- ⊖ dva ločena nastave, za
nastavajanje 1 celice

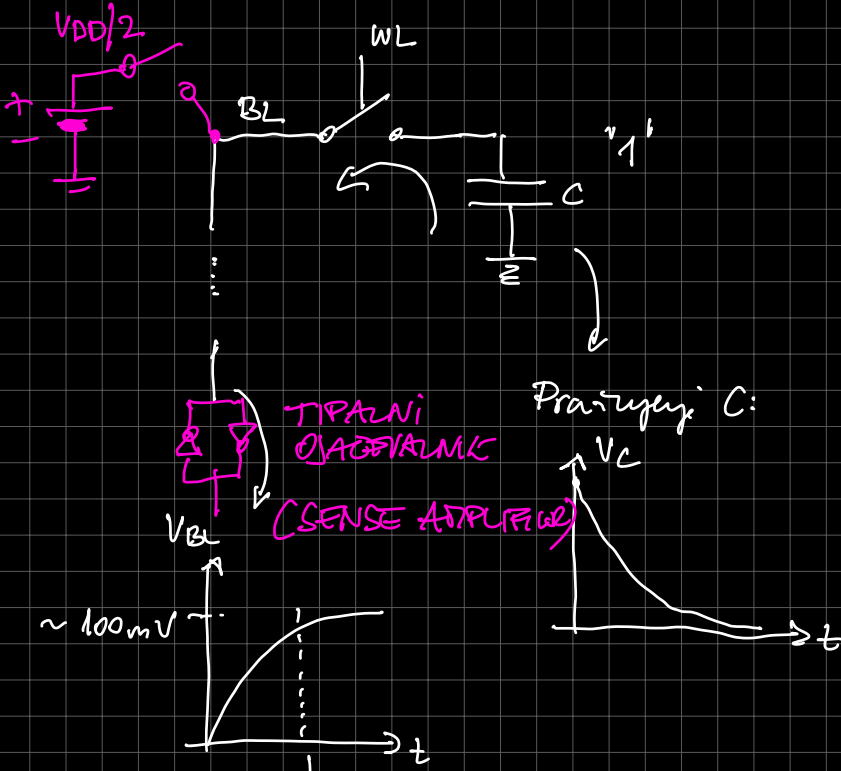
NASLOV VRSTICE
 n_i
 NASLOV STOLPCA

Kako dobimo npr. 8-bite besede?

↳ UPOREABIMO 8 polj !! Ostanete po 1 delodelniku vrstice in 1 taborniku stolpca



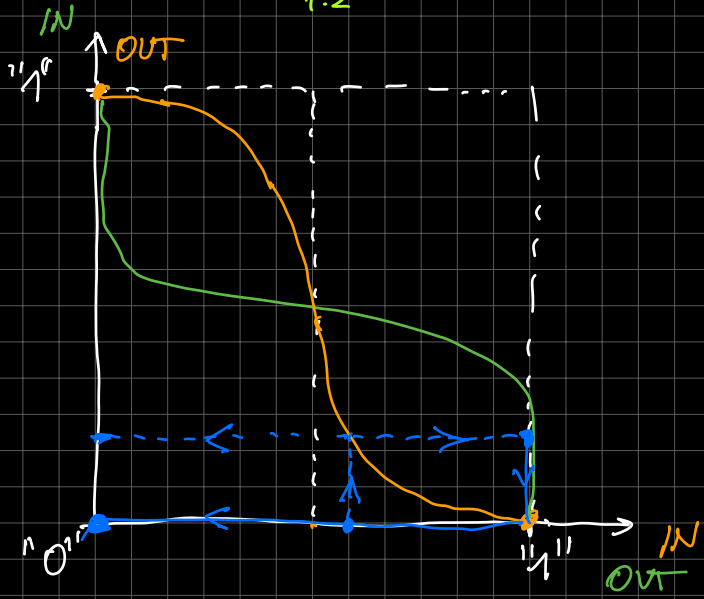
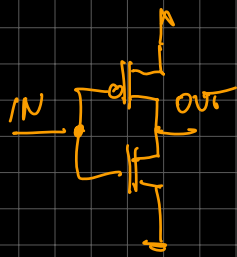
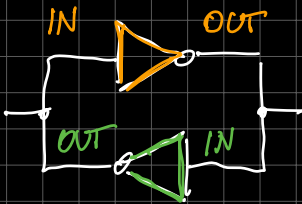
Bravje kolj' dajimo:

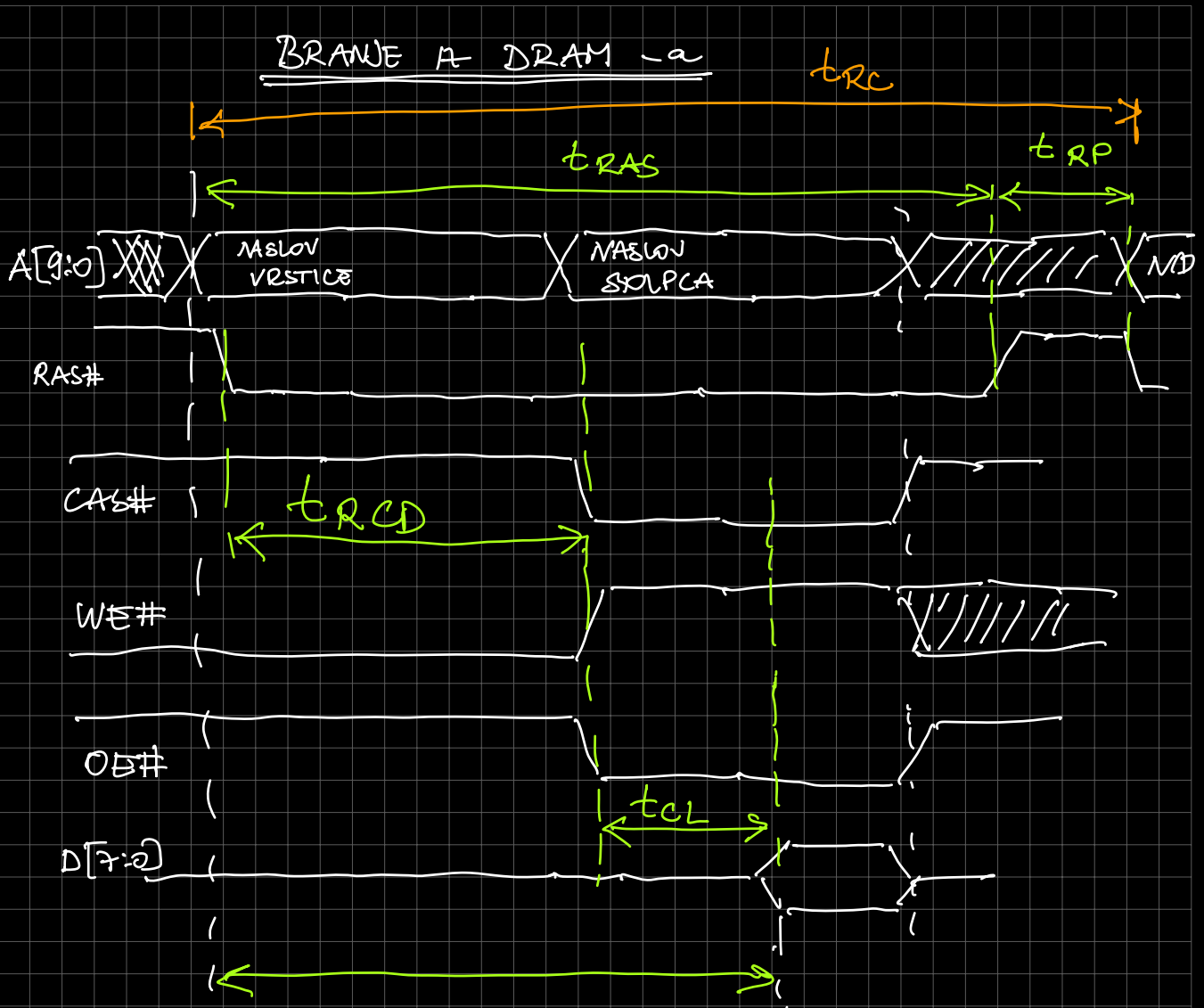


TIPALNI
DIFERENČNI
(SENSE AMPLIFIER)

Pravilno: C:

ČEŠ, KA DOVOJ NARASJE,
JO NORANO "PREBRATI"
KAKO JEDAJ TETA 100 mV
PREBRATI IN PREDSTAVI VST
LEGČNO ENICO (~ 3.3V)
1.2





t_{RCD} (RAS-to-CAS delay) : 15-18 ns

t_{CL} (CAS Latency) : 12-15 ns

t_{RP} (Row Precharge) : 5-15 ns

t_{RC} (Row Cycle) : ~ 60 ns

