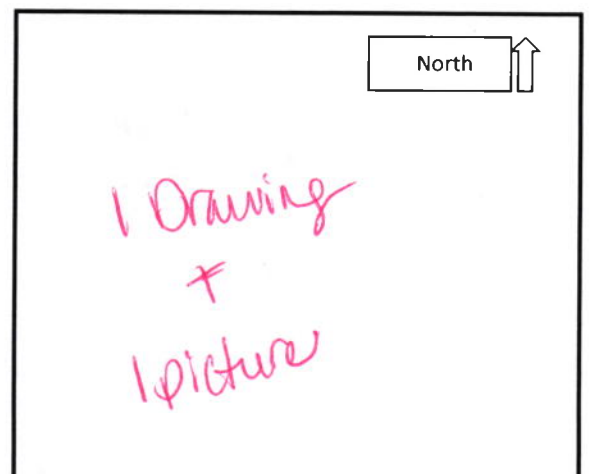
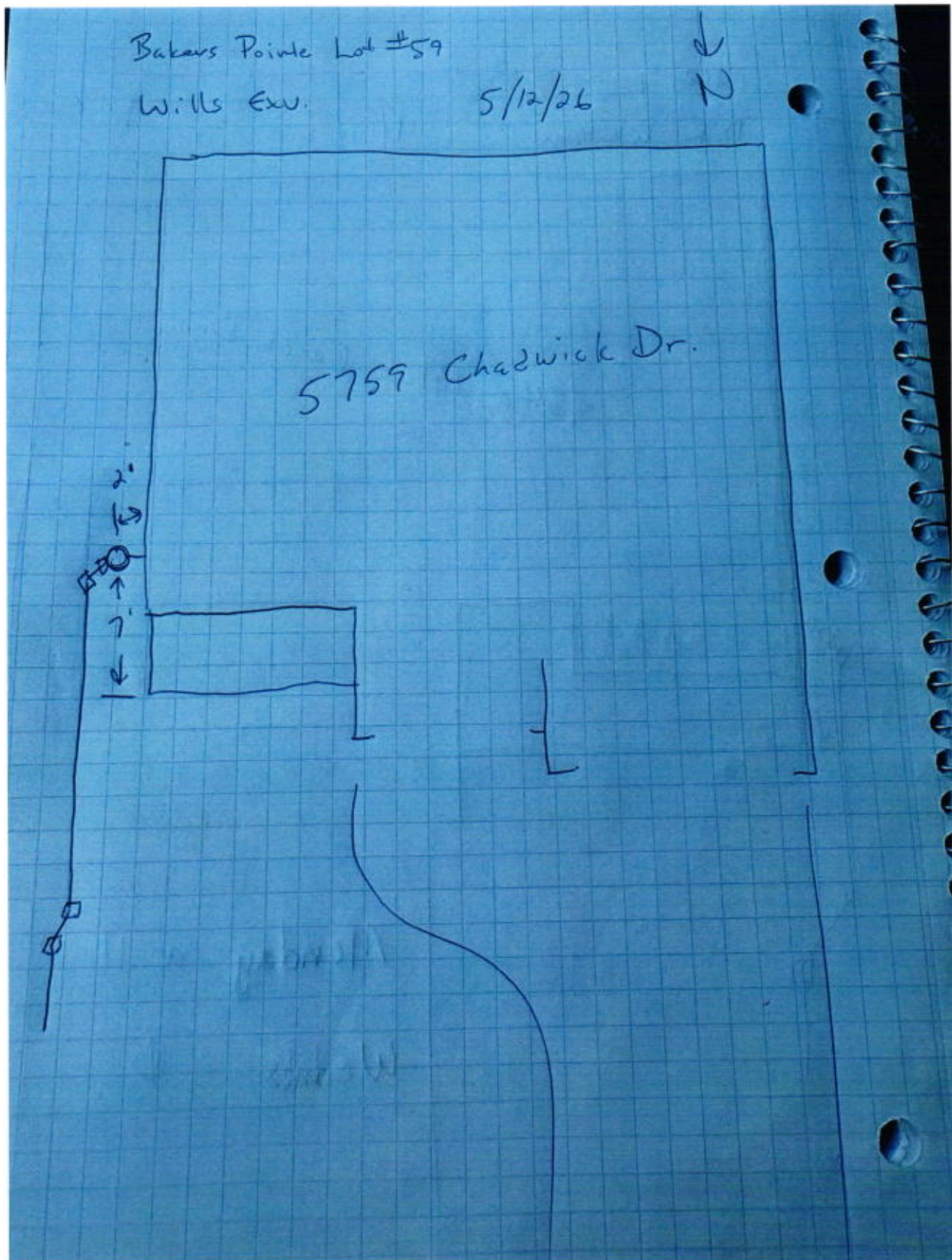


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America's Builder

A. L. Hutton

[illegible]

lec# 013220
pd. 3-25-24

THESE ARE THE RESULTS OF THE ANALYSIS OF THE DATA
OBTAINED FROM THE EXPERIMENTAL STUDY OF THE
EFFECT OF THE VARIATION OF THE TEMPERATURE
ON THE RATE OF REACTION OF THE
SUBSTANCE WITH THE REAGENT.
THE RESULTS SHOW THAT THE RATE OF REACTION
INCREASES WITH INCREASE IN TEMPERATURE.
THE ORDER OF REACTION IS FIRST ORDER.
THE ACTIVATION ENERGY OF THE REACTION IS
15.2 KJ/MOLE.