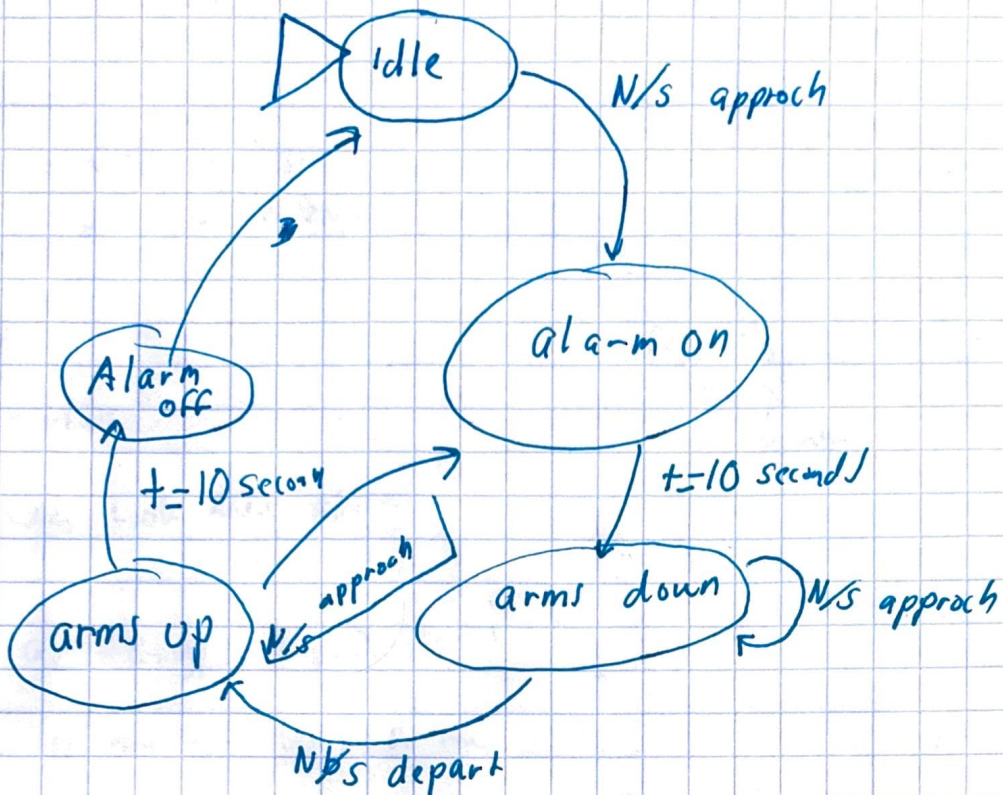

Idle
N/S approch
alarm on
Alarm off
+-10 second
+-10 second
arms down
N/S approch
arms up
N/S approch
N/S depart

has Three States

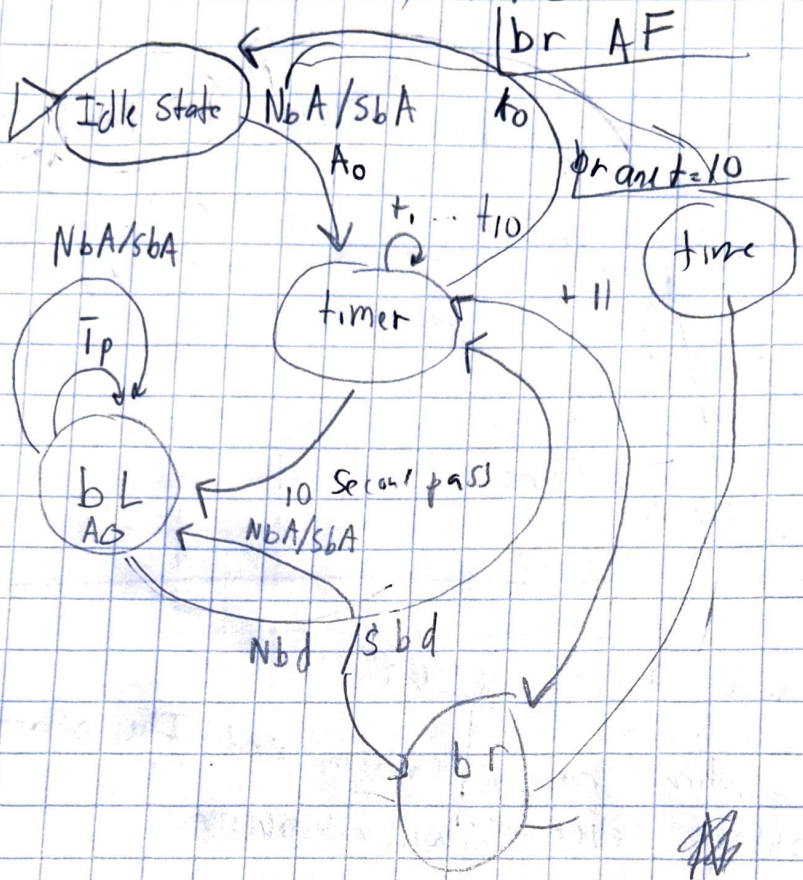
NbA ← Nb approach Sbd depart → Sbd

SbA ← Sb approach Nbd depart → Nbd

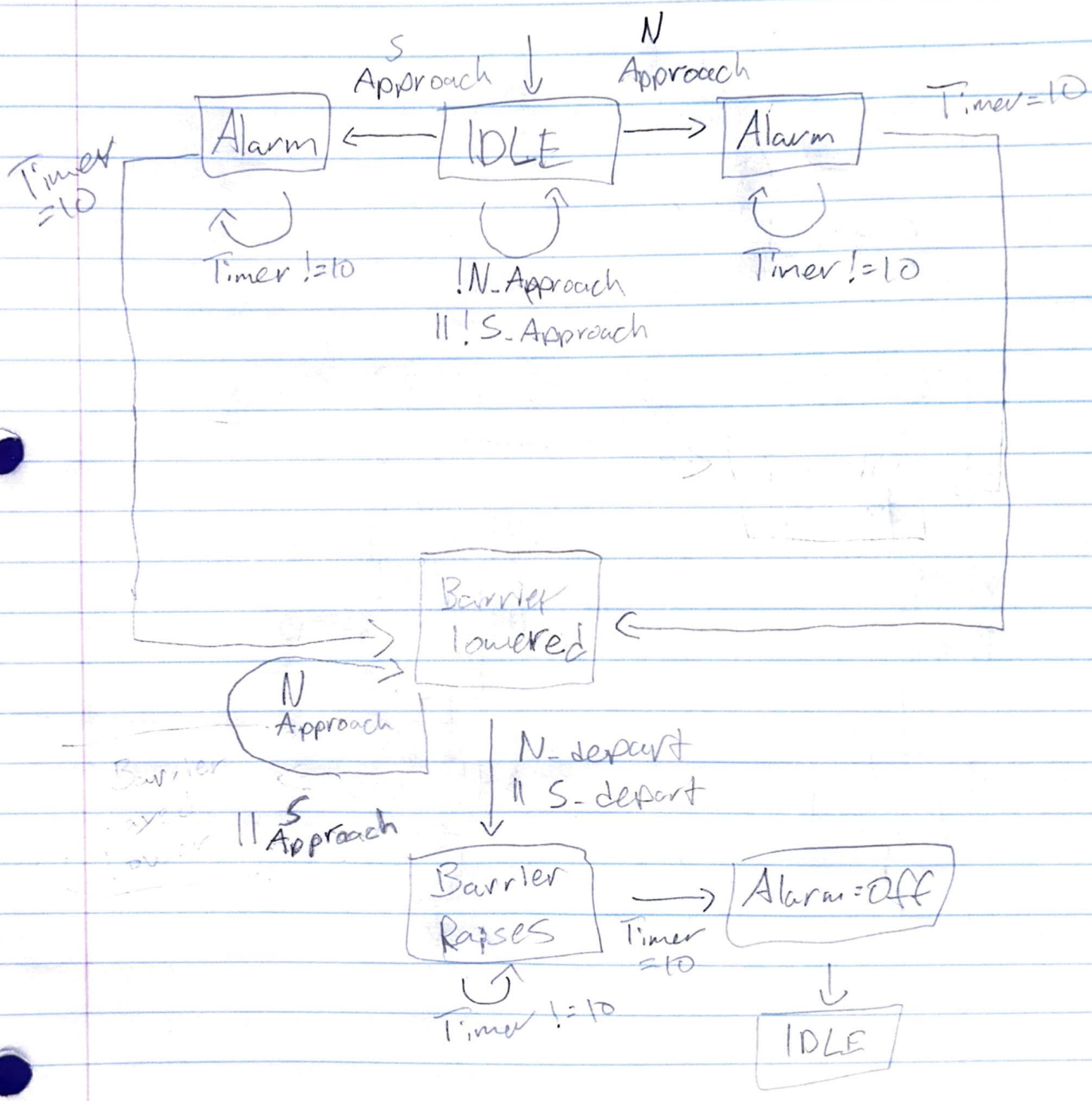
barrier raise → br Alarm on → AO

barrier lowerd → BL Alarm off → AF

time 10 seconds → TE



Issue


S
Approach
N
Approach
Alarm
IDLE
Alarm
Timer=10
Timer
=10
Timer !=10
!N_Approach
|| !S_Approach
Timer !=10
Barrier
lowered
N
Approach
N_depart
|| S_depart
|| S
Approach
Barrier
Raises
Timer
=10
Alarm=Off
Timer !=10
IDLE