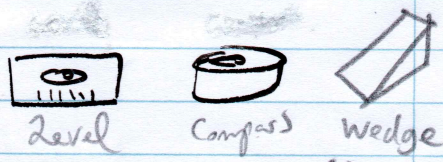
Newtonian Pi

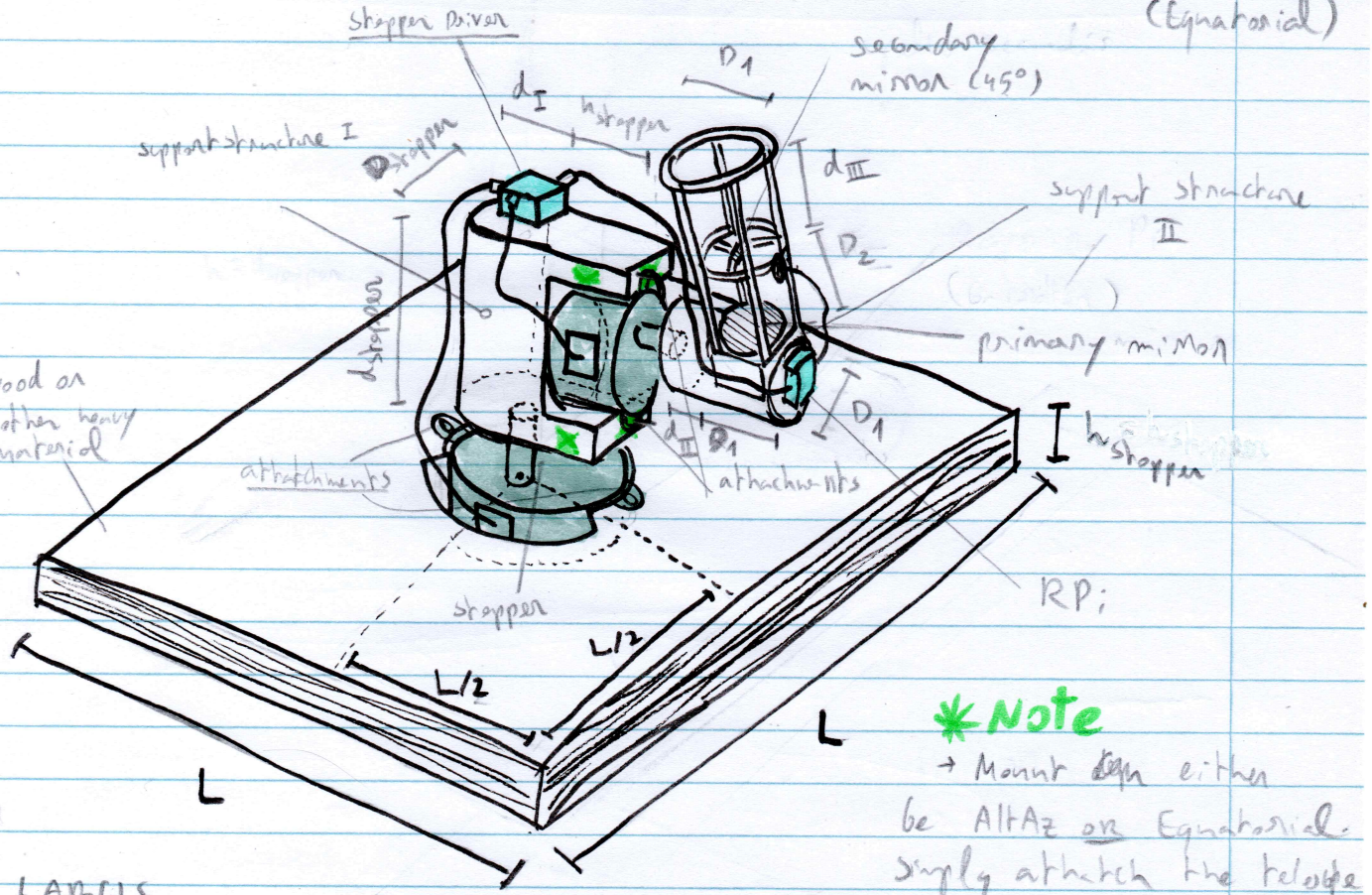
Challanges: alignment; support structs; camera + telescope; database footing; angle tracking; photo settings (exposure...)

Note

* support Structure I and II may need to be made of smaller attatchable parts and beams to spare weight.

=>Alignment





*Note

→ Mount can either be AltAz or Equatorial. simply attatch the telescope to the green points to change. As presented: AltAz. For equatorial - must make wedge OR a weight system AND hstepper switches with Dstepper for support structure I.

LABELS

L: Dimensões das bases

$h_{stepper}$: Altura da base do stepper

$d_{stepper}$: diâmetro do stepper, entre suportes.

$D_{stepper}$: diâmetro da base do stepper

d_I : diâmetro do suporte I

d_{II} : distância do suporte II

D_1 : diâmetro do espelho primário

D_2 : Distância do espelho secundário

d_{III} : altura do suporte III extra (=0?)

$\left.\begin{matrix} D_1 + D_2 = f_I \end{matrix}\right\}$ foco do espelho primário