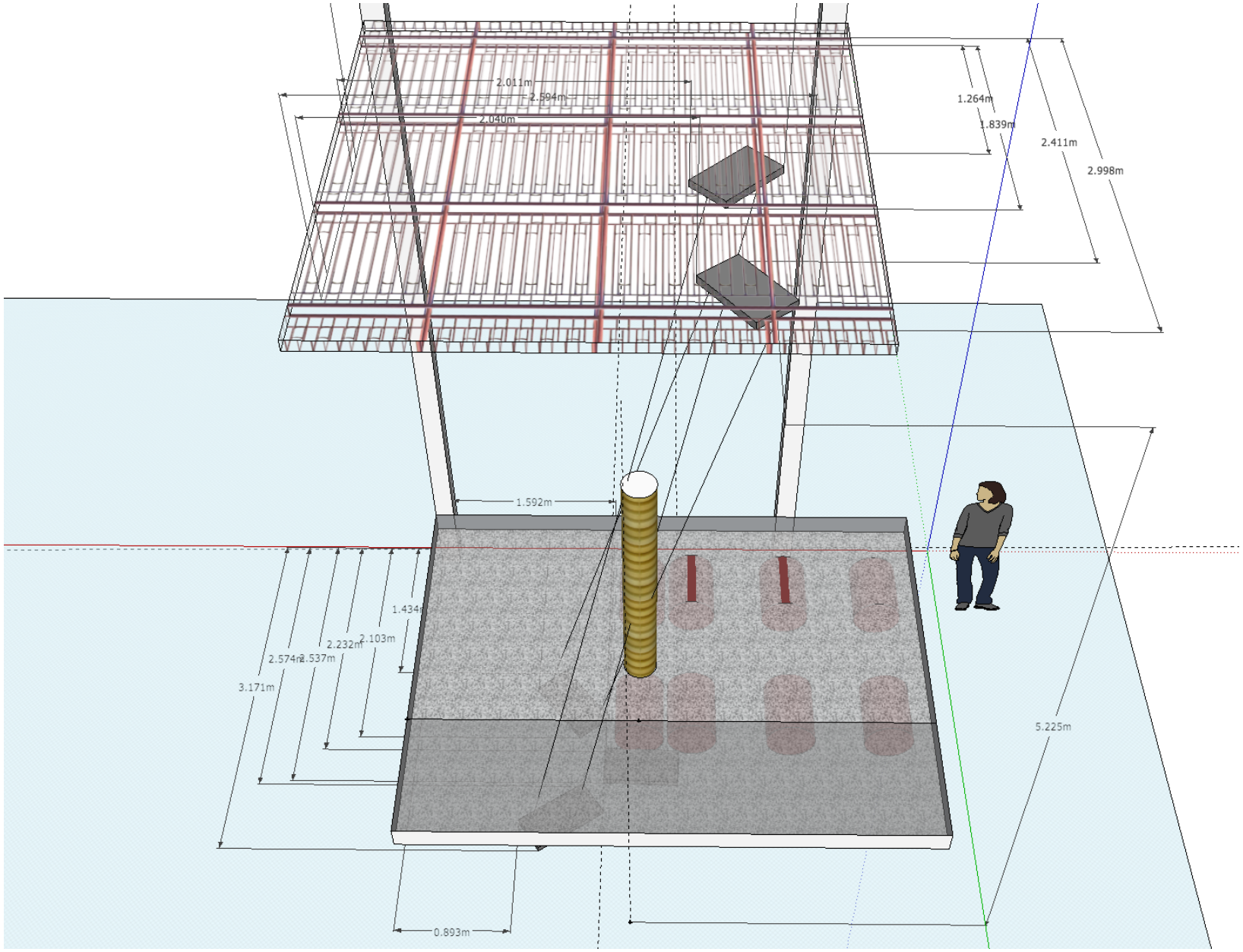
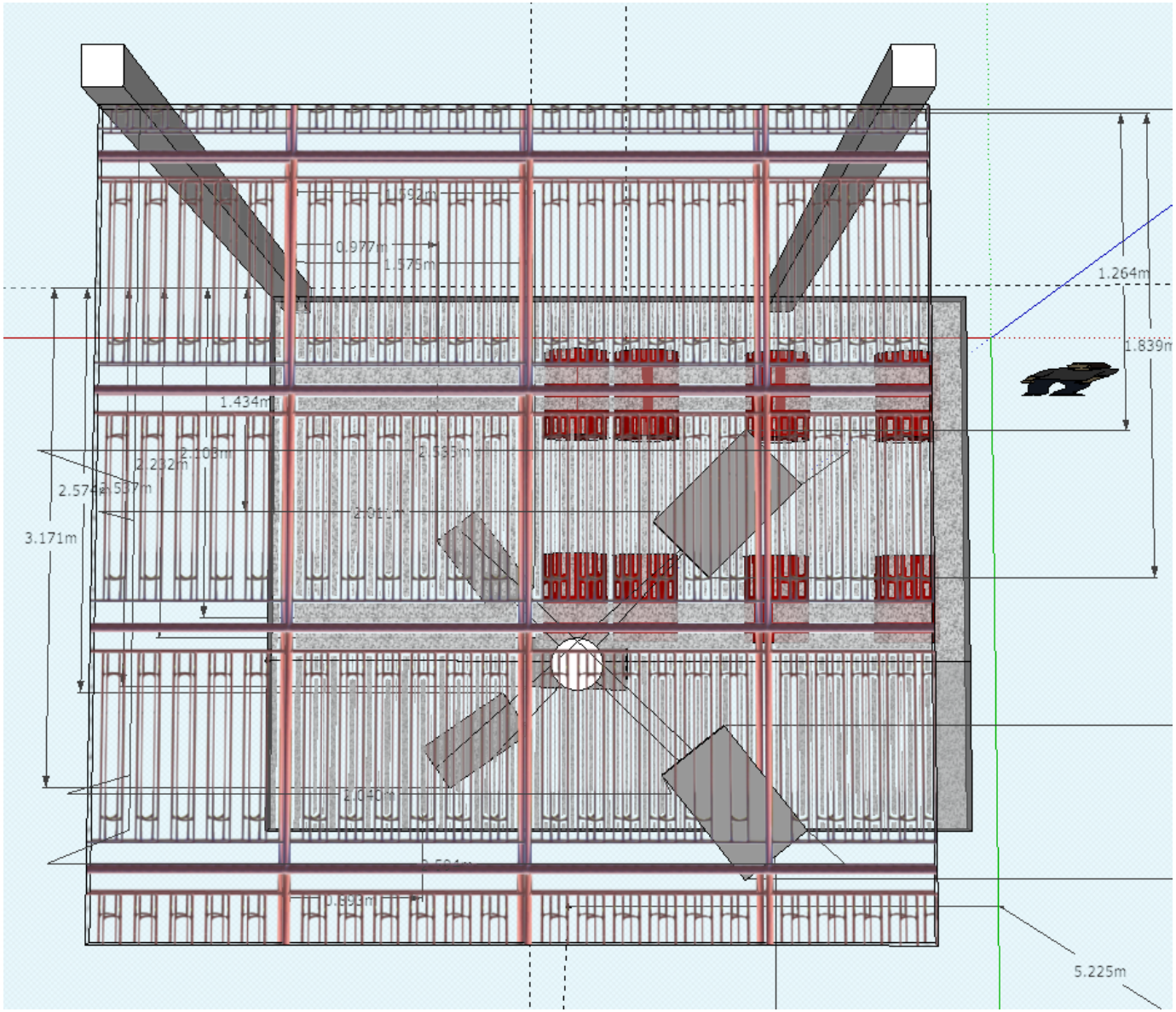

2.011m
2.594m
2.040m
1.264m
1.839m
2.411m
2.998m
1.592m
1.434m
2.103m
2.232m
2.537m
2.574m
3.171m
5.225m
0.893m

N



N

Trigger rate

- We are using counters having dimensions of 20” × 12” (area of 0.15 m^2)
- The cosmic ray flux is 88.7 $m^{-2}s^{-1}$, I assume the flux varies with $\cos^2(\theta)$
- For our setup, θ = 0.271 radians, rate = $(88.7\ m^{-2}s^{-1})\times(0.15\ m^2)\times\cos^2(0.271) = 12.4\ s^{-1}$
- Assuming 50% error, $12 \pm 6\ s^{-1}$