3b) We know the horizon is 95 cm off the ground near the man, since the given camera height is 95cm and the ground is planer

Using the ratio

Pixel height of man: ~287 fixel height of grand near in 159

$$\frac{\sqrt{150p-0}}{95cm-0} = \frac{287-0}{159-0} \implies \gamma_{top} = 95 \cdot \frac{287}{159} = \sim 171.4cm$$