

Sample plot

Size - 0.1 Ha

$$= 1000 \text{ m}^2$$

Square of each side ?

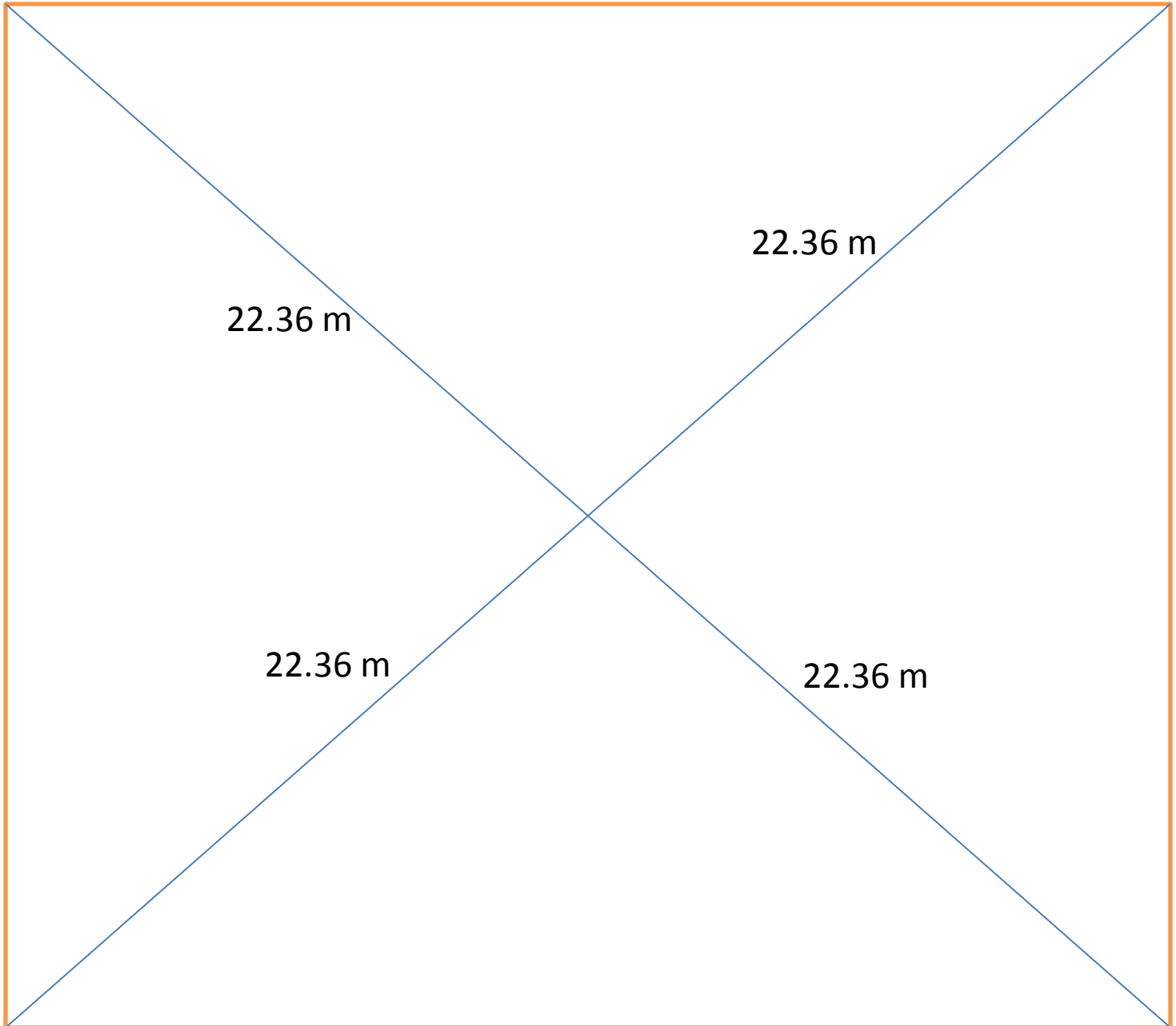
$$31.62 \text{ m}$$

Diagonal ?

$$44.72 \text{ m}$$

31.62 m

31.62 m



22.36 m

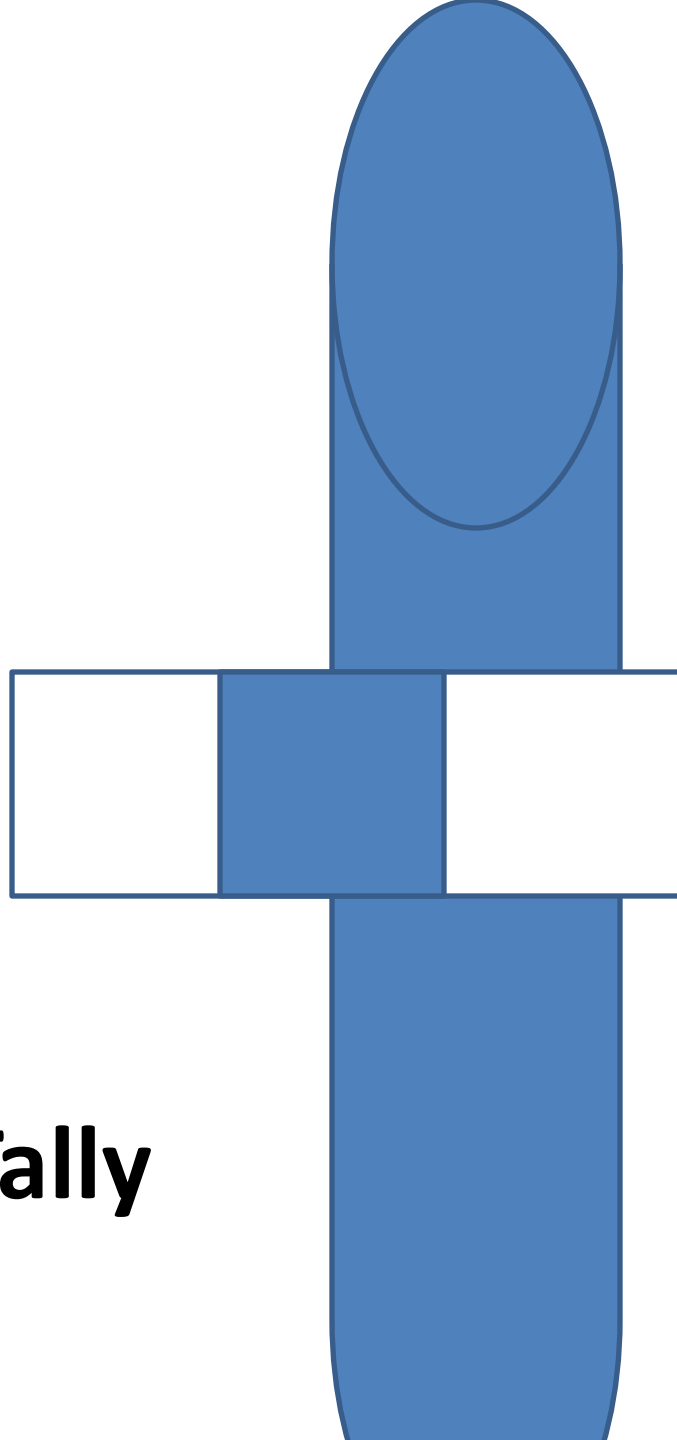
22.36 m

22.36 m

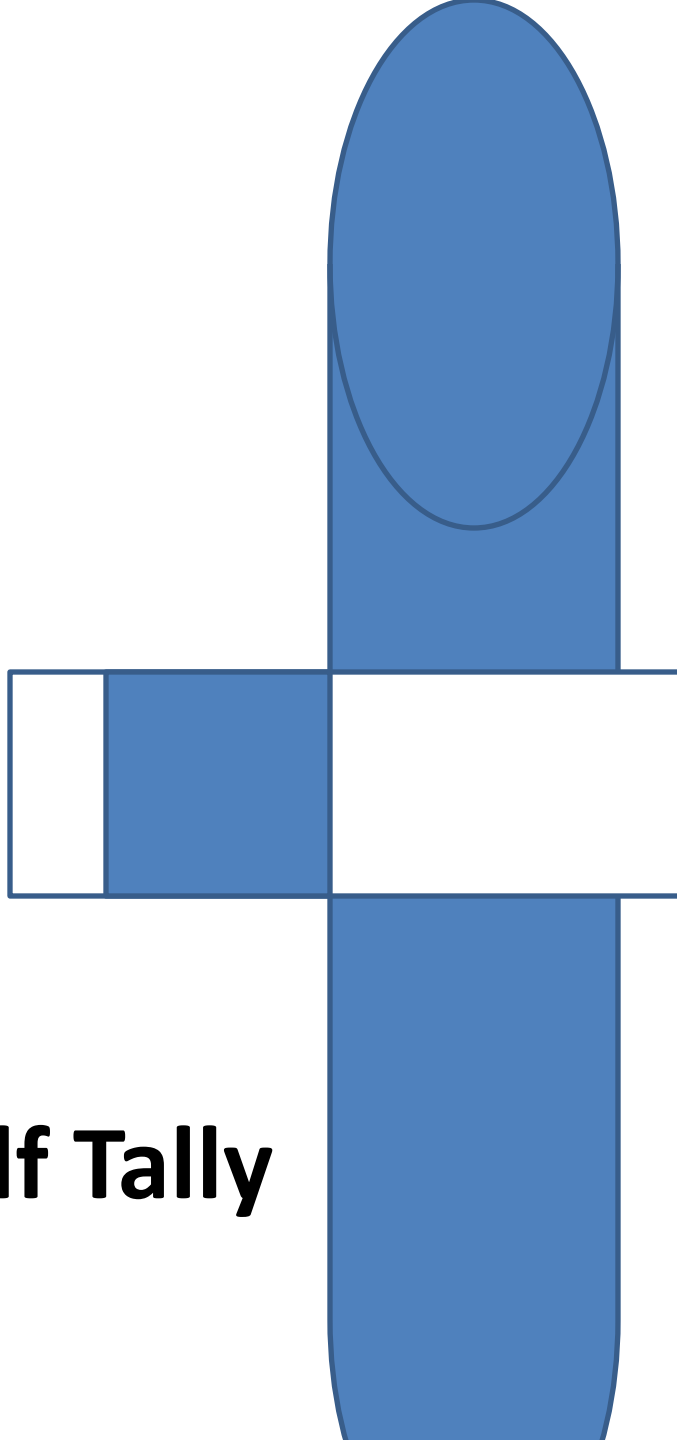
22.36 m

Basal area by wedge prism

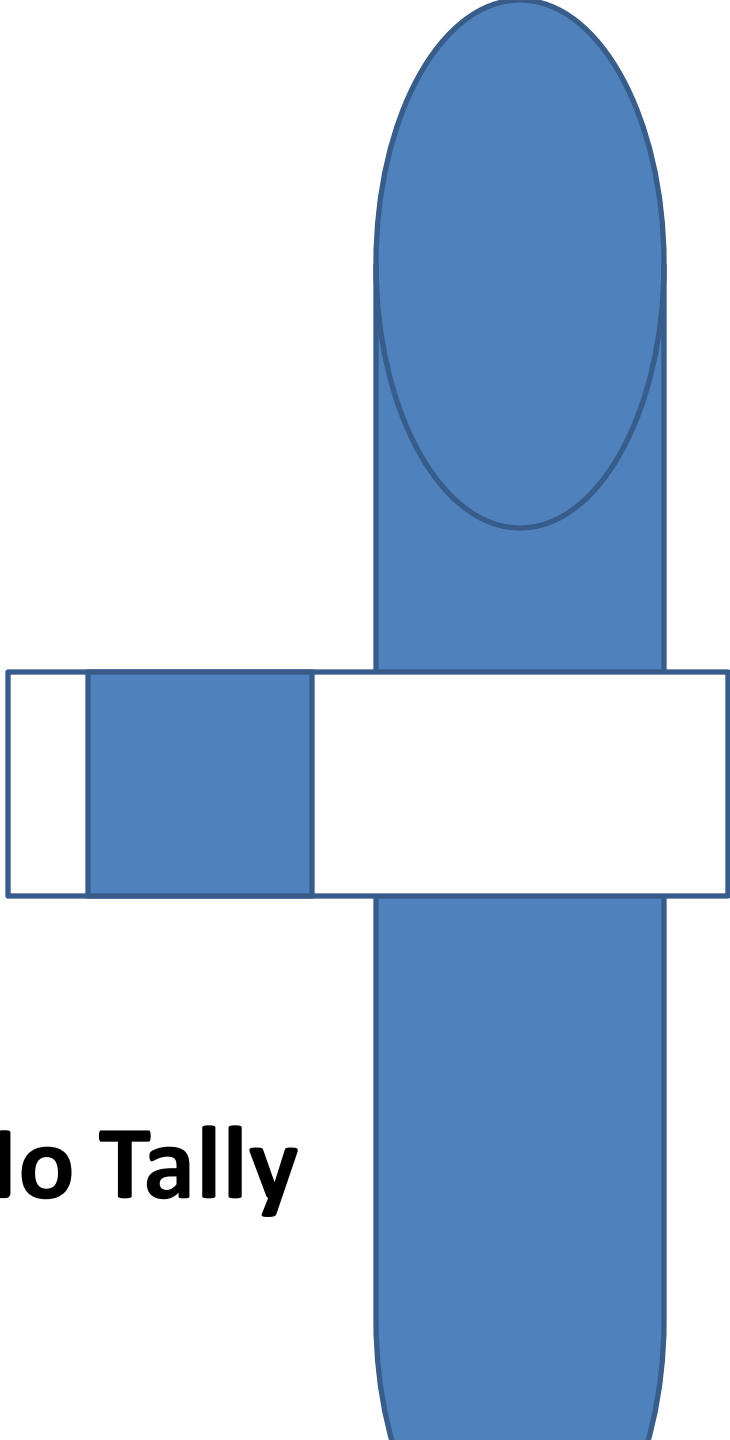
- Image of trees follows following 3 conditions:
 1. Overlap - Full Tally
 2. Just touch - Half Tally
 3. Separated from tree stem - No Tally



Tally



Half Tally



No Tally

- Full sweep of 360° is taken
- Note all full and half Tallies
- Take reading at 5 sample points
- Full tallies then counted as - 1
- Half tallies counted as - 0.5
- Total tallies multiplied with BAF to get BA per
Ha