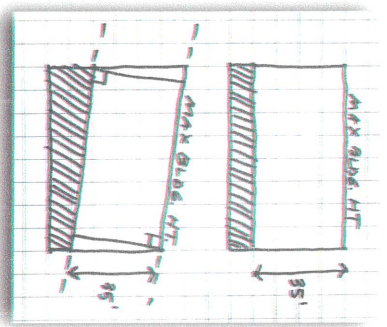


2. Use a Parallel Plane Method

- An imaginary plane that matches the existing grade surface at a specified distance above.
- Natural or existing grade serves as the reference datum.
- Building heights are measured from this reference to the highest point of the building's roof or other elements.
- Determines the maximum allowable height of a building in a consistent way, especially on sloped lots or areas with varying terrain.
- Contour lines can be cleaned up within the buildable area in such a way that new development is not limited by previous structures.

How much does buildable area is lost on a sloped lot using parallel plane?



Calculating the cross-sectional area of the parallelogram based on slope:

- 10% loses 0.5%
- 15% loses 1%
- 20% loses 2%