



# TOWN OF WOODWAY

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## HOW TO MEASURE BUILDING HEIGHT

### BUILDING HEIGHT OF PRIMARY RESIDENTIAL BUILDING

The vertical distance from the average elevation of undisturbed soil to the highest elevation point of the roof or parapet wall is measured as follows:

- A. Stake out corners of building rectangle of original grade.
- B. Select fixed datum point such as top of manhole cover, joint in curb, spike in road, etc.
- C. Establish height of building rectangle midpoints of corners above or below datum point.
- D. Average the building rectangle midpoint elevations.
- E. Specify building height limit above datum point.

#### EXAMPLE:

Elevations of undisturbed soil at midpoint of building rectangle:	A = +2'
	B = +4'
	C = +6'
	D = +10'

Average elevation:  $22 \div 4 = 5.5'$

Example of allowed height: 25.0'

Maximum height above datum for this example: 30.5'

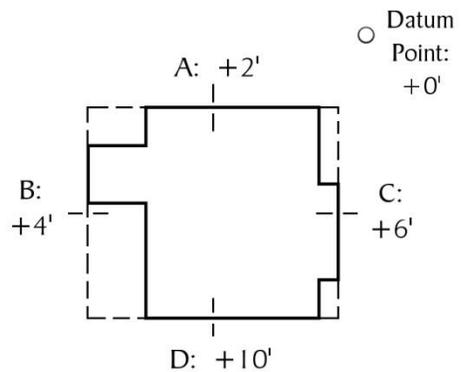
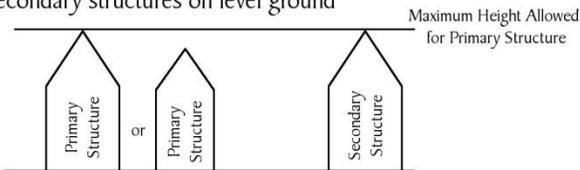
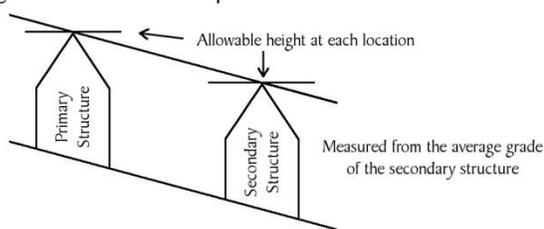


Diagram A  
How to Measure Building Height

### 1. Primary and secondary structures on level ground



### 2. Where secondary structure is down slope



### 3. Where secondary structure is up slope

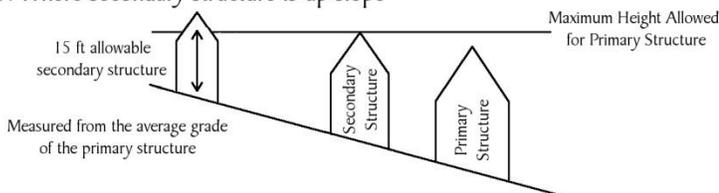


Diagram B  
Building Height of Secondary Buildings

### BUILDING HEIGHT OF SECONDARY BUILDINGS

These are limited in height to the maximum height allowed for the primary residential building as measured from the lower of the average grade of the primary building or the average grade of the secondary building. See subsection A of this section for the method of measurement. However, all secondary buildings may be built to a height of 15 feet above its own surrounding natural average grade without regard to the primary structure (see diagram B, #3).