



Example Building Height Calculation

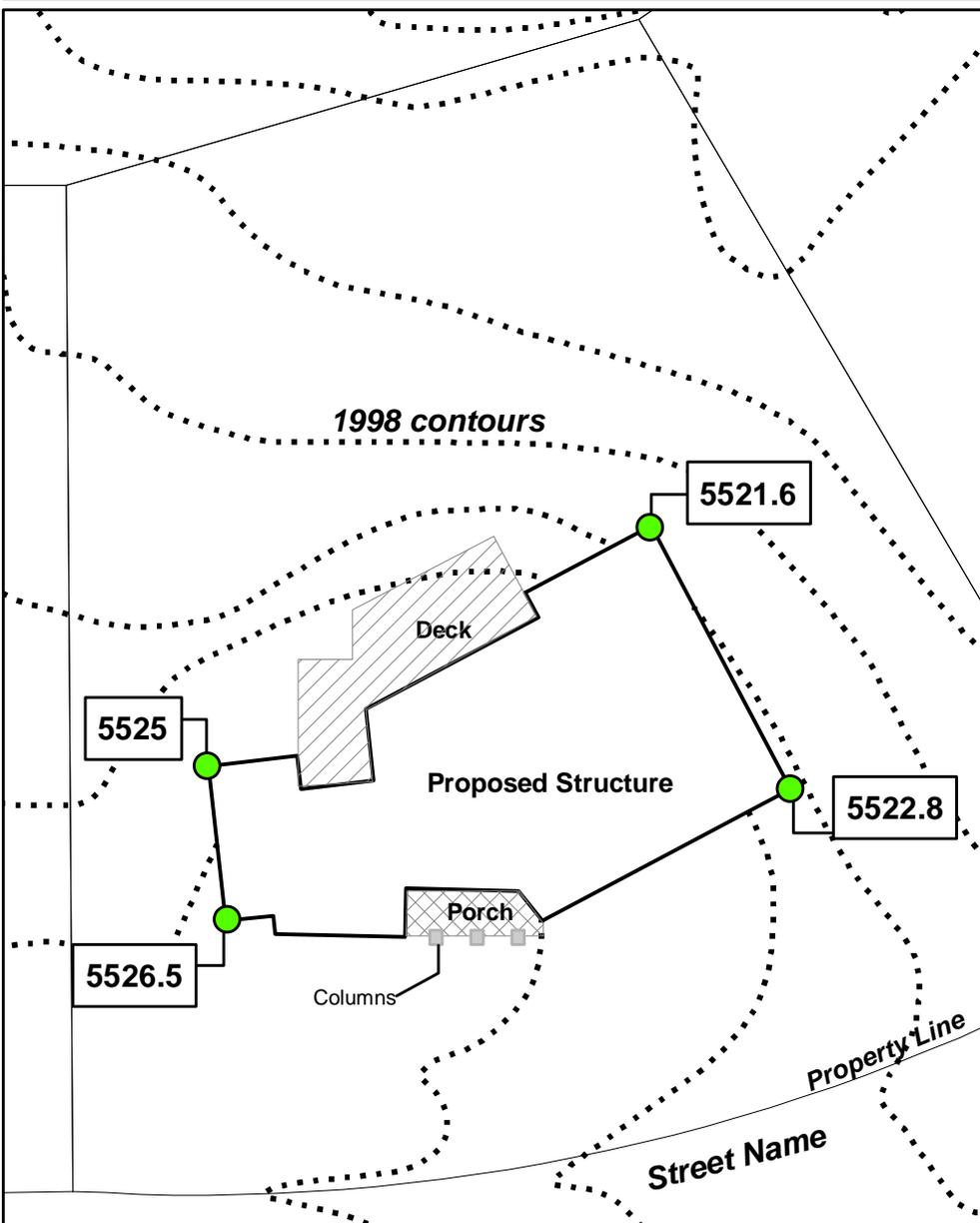
City of Greenwood Village

Community Development Department

6060 S. Quebec Street

Greenwood Village, CO 80111

(303) 486-5783 Fax (303) 773-1238



On Site Plan

Show grade contours

Call out the USGS elevation at the extreme four corners of existing or proposed structure foundation. (Do not include decks, columns, or porches to calculate corner elevations). **

Calculate the average of the four grade elevations:

Example:

$$5525 + 5526.5 + 5521.6 + 5522.8 = 22095.9$$

$$22095.9 / 4 = 5523.97$$

(Average grade elevation)

5523.97 + 28 (add allowed height based on zone district)

Maximum building height = 5551.97

**

Until December 31, 2012, an applicant may choose to use any of the following as the basis for determining existing grade for the purposes of measuring the height of a structure: 1998 contours as set forth in the City of Greenwood Village Topographic Survey Map; 1965 United States Geological Survey contours; or a grading plan previously approved by the City as part of a PUD plan, SDP, FDP, MDP or plat. As of January 1, 2013, only the following shall be used as the basis for determining existing grade for the purposes of measuring the height of a structure: a grading plan approved by the City as part of a PUD plan, SDP, FDP, MDP or plat; or the 1998 contours; and if no approved grading plan is in place, 1998 contours shall be used. *modified 5-17-11*



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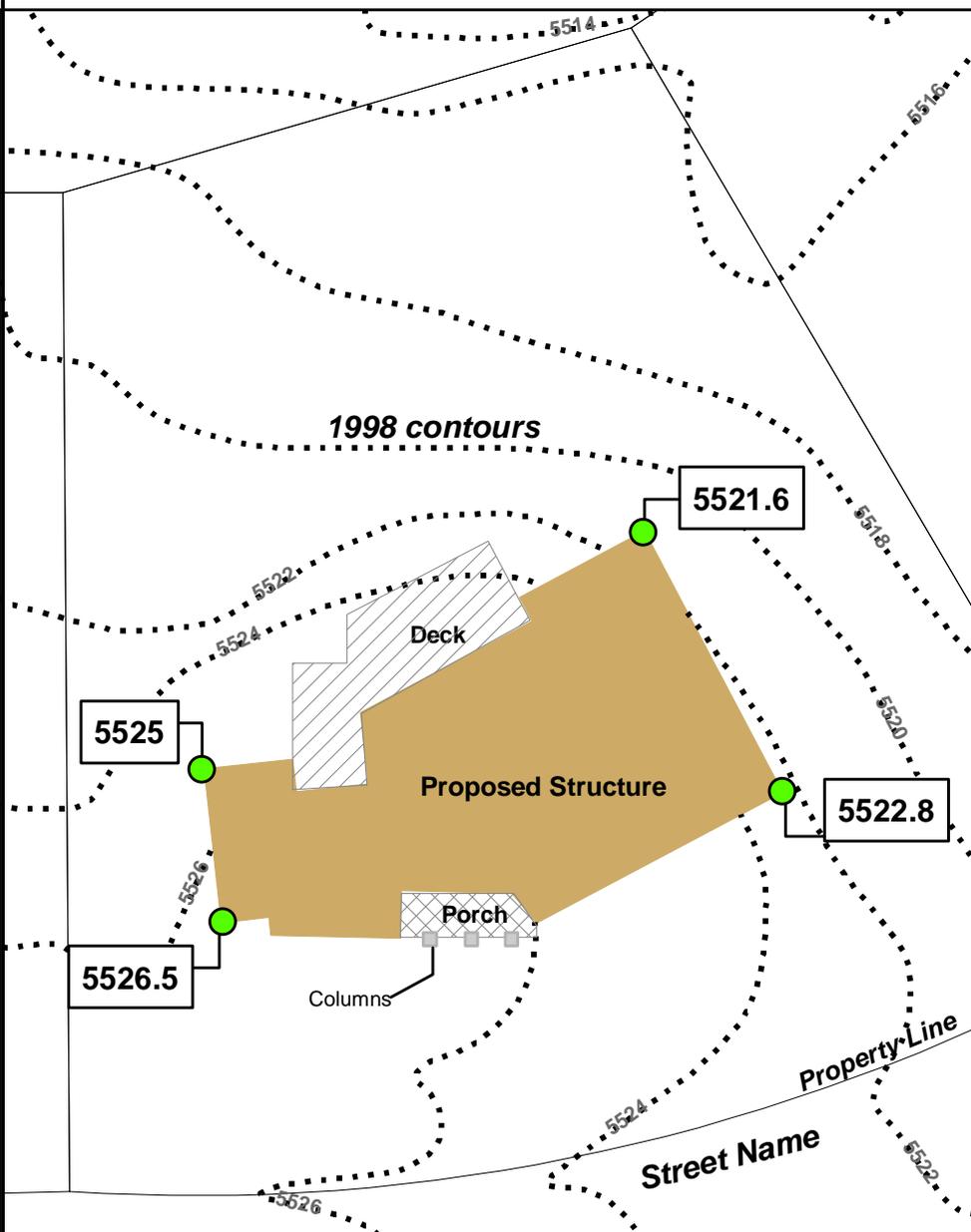
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On Elevation Drawings



On Site Plan

Show grade contours

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Calculate the average of the four grade elevations:

Example:

$$5525 + 5526.5 + 5521.6 + 5522.8 = 22095.9$$

$$22095 / 4 = 5523.75$$

(Average grade elevation)

5523.75 + 28 (add allowed height based on zone district)

Maximum building height = 5551.75

*

For buildings in a R-0.05, R-0.1, R-0.25, R-0.5, R-0.75, R-1.0, R-1.5 or R-2.5 District, chimneys or appurtenances for ventilation, not exceeding twelve (12) square feet on the largest face and integrated into the architecture of the building, may extend up to three (3) feet above the building, without increasing the measured building height.

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