



The City of Olathe is using the attached procedure to ensure the elevation of the residential building corresponds with the elevation shown on the approved plot plan. The attached form (Single Family Dwelling Footing Elevation Certificate) is to be completed by the contractor constructing the footing. The footing inspection will not be made if the contractor fails to present the certification form at the time of footing inspection. Field conditions occasionally prevent the contractor from complying with the elevations on the approved plot plan. A revised plot plan must be submitted and approved in these situations.

Thank You
Herb Warren, CBO

Effective **7-1-08** these certificates will be required at the time of the footing inspection. Footing inspections will not be approved without the completed form. In advance, thank you for your effort with this issue.

**BUILDING CODES DIVISION
1225 S. HAMILTON
OLATHE, KANSAS 66062**

**SINGLE FAMILY DWELLING FOOTING ELEVATION
CERTIFICATION**

Prior to approval of a footing inspection this form shall be completed and provided (in a legible manner) to the City of Olathe Building Inspector. The purpose of the form is to certify that the footing will be installed such that the elevation of the basement floor and subsequent top of foundation wall will be constructed within a tolerance of + 4 inches or less, to the elevations shown on the approved plot plan.

Project Address _____

Permit Number _____

Required Footing Elevation Calculation

Facing property from street compare curb cut elevations on plot plan with actual reading shot on site.

From plot plan: Top of left curb _____ Top of right curb _____ Difference _____

Story pole reading: Top of left curb _____ Top of right curb _____ Difference _____

(Tolerance for this calculation is 0.33 ft.)

Elevations from plot plan:

Story pole reading:

Top of wall elevation _____

Top of footing reading _____ D

Minus wall height - _____

(Left) (Right) top of curb reading _____ E

Top of footing _____ A

Top of footing (above) (below)
top of curb = difference

(Left) (Right) top
of curb elevation _____ B

between D and E _____ F

Top of footing (above) (below)
top of curb = difference
between A and B _____ C

C _____ - F _____ = T _____ (Difference between "C" the plot plan elevation and "F" the actual elevation = T the footing elevation tolerance)

(Approved tolerances = 0 to 0.33 ft No negative numbers will be accepted.)

Foundation Contractor Certification:

I certify that I have verified the formed top of footing elevation, and as identified above, this formed elevation is within + 4 inches of less of the required elevation as noted above, and calculated from the approved plot plan for this permit, as required by the City of Olathe.

Name _____

Company _____

Date _____

Where conditions exist that would prohibit the above tolerances to be met, it will be required that a revised plot plan be submitted for approval before the footing will be inspected.

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1225 S. HAMILTON
OLATHE, KANSAS 66062**

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Project Address _____

Permit Number _____

Required Footing Elevation Calculation

Facing property from street compare curb cut elevations on plot plan with actual reading shot on site.

From plot plan: Top of left curb 1018.21 Top of right curb 1013.19 Difference 5.02
 Story pole reading: Top of left curb 4' 8" Top of right curb 9' 8 1/4" Difference 5' 0 1/4"

(Tolerance for this calculation is 0.33 ft.)

Elevations from plot plan:

Top of wall elevation 1021.7
 Minus wall height - 9.0
 Top of footing 1012.7 A
 (Left) (Right) top of curb elevation 1018.21 B

Story pole reading:

Top of footing reading 9' 10 3/4" D
 (Left) (Right) top of curb reading 4' 8" (4.67) E
 Top of footing (above) (below) top of curb = difference between D and E 5' 2 3/4" F
 (5.23)

Top of footing (above) (below) top of curb = difference between A and B 5.51 C

C 5.51 - F 5.23 = T .28 (Difference between "C" the plot plan elevation and "F" the actual elevation = T the footing elevation tolerance)

(Approved tolerances = 0 to 0.33 ft No negative numbers will be accepted.)

Foundation Contractor Certification:

I certify that I have verified the formed top of footing elevation, and as identified above, this formed elevation is within + 4 inches or less of the required elevation as noted above, and calculated from the approved plot plan for this permit, as required by the City of Olathe.

Name _____

Company _____

Date _____

Where conditions exist that would prohibit the above tolerances to be met, it will be required that a revised plot plan be submitted for approval before the footing will be inspected.

(EXAMPLE COPY)