

Footing Ftg9 F9

2 Laver(s)

Results Footing Design: Controlled by Gravity Load

Column to Footing = Left of Center (Eccentric Loading)

Steel Placement = 2 # 5 @ 17 inch O.C. E.W.

2 Layer(s)

Total Uplift = 1287 **lb** 

Net Uplift = 11 psf

Cubic Feet = 18.38 cf

Cubic Yards = 0.68 cy

Weight of Footing Due to Uplift (lbs) = 2756 lb

Required Footing Depth (ft) = 1.50 ft

Required Footing Width (ft-sq) = 3.50 ft-sq

Footing Size Due to Gravity (Ft-Sq) =  $3.30 \times 3.30$ 

Footing Size:

Square Footing (inches) = 42 x 42

Square Footing (Ft-Sq) =  $3.50 \times 3.50$ 

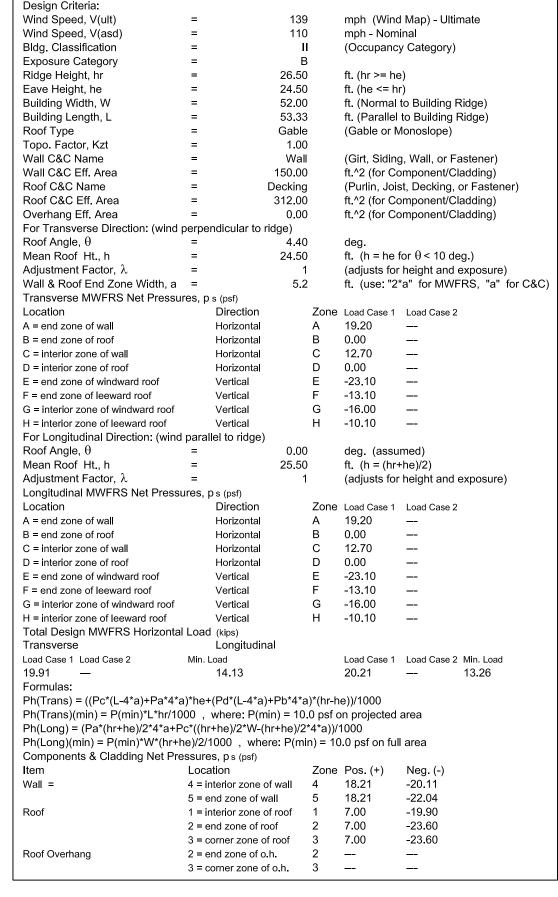
Depth of Footing (inches) = 18.00 inches

Depth of Footing (feet) = 1.50 **feet** 

Footing Depth Due to Gravity (inches) = 18.00 inches

Footing Weight Due to Gravity = 2447 **lb** 

Tributary Area = 117 sf





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DRAWN CHECKED JJG 10/25/19

EY ARE SIGNED AND SEALED

SCALE AS SHOWN JOB NUMBER 1804908C-Auburndale SHEET