





RESIDENTIAL DECK CONSTRUCTION SPECIFICATIONS

THE COUNTY OF SUMMIT ENFORCES THE 2013 RESIDENTIAL CODE OF OHIO (RCO)

TABLE R403.4

MINIMUM FOOTING SIZE FOR DECK FOOTINGS WITHOUT ROOF LOADS EXTERIOR DECK AND PORCH FOOTING SIZE INCHES 8.5

R403.4 Exterior deck footings. Exterior deck footings of poured-in-place concrete shall be a minimum of 8 inches (203 mm) thick and extend below the frost depth per Table R301.2(1). The diameter or width of the footing shall comply with Table ** R403.4.

Diameter	Square	Maximum tributary area allowed per post (square feet)
8	8x8	14
10	9x9	22
12	11x11	31.6
14	13x13	42.8
16	15x15	56
18	16x16	70.8
20	18x18 -	87.2

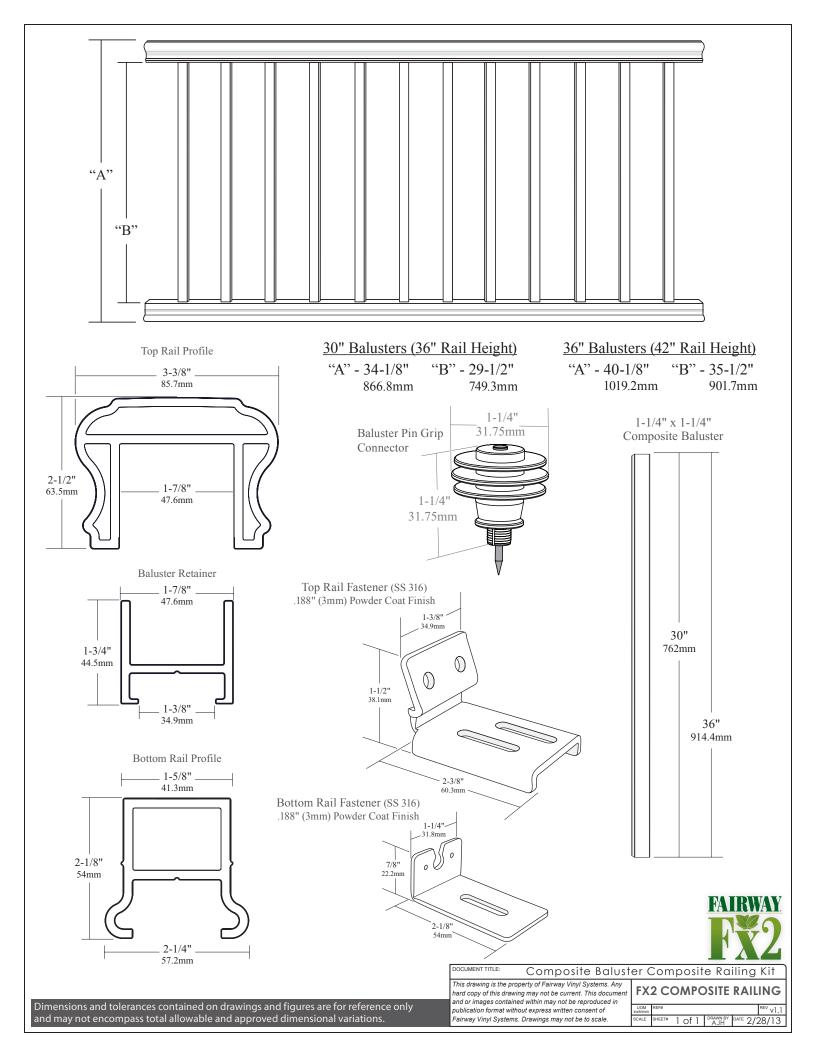
For S1: 1 inch = 25.4 mm, 1 square foot = 0.0929 m^2 ,

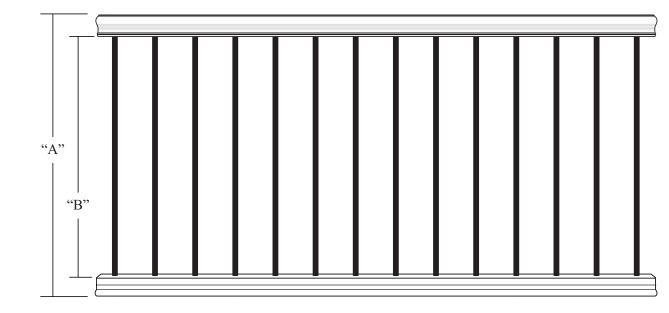
I pound per square foot = 4.882 10 g/m²

a. Based upon 2,000 pounds per square foot soil bearing capacity.

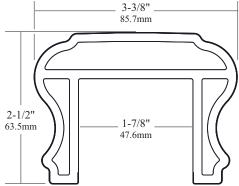
b. Based upon 40 pounds per square foot live load and a 10 pounds per square foot dead load.

MINIMUM INFORMATION REQUIRED FOR DECK PERMIT SIZE OF DECK 22 x 17.5 LESS THAN 4 BETWEEN BALASTERS GO CCA RETENTION REQLIRED) MINIMUM 12" CONCRETE FOOTING. (REFER TO TABLE 403.4)





Top Rail Profile



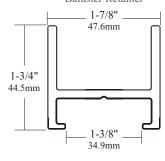
32" Balusters (36" Rail Height)

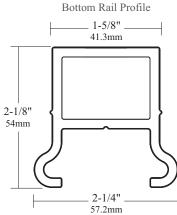
"A" - 36-1/8" "B" - 31-1/2" 917.6mm 800.1mm

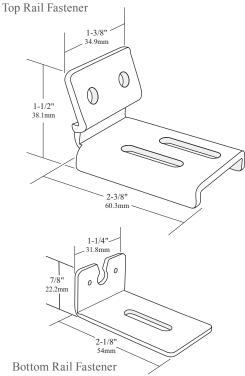
Aluminum Baluster Connector



Baluster Retainer



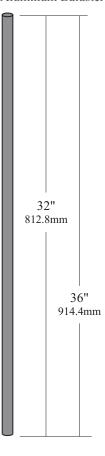




36" Balusters (42" Rail Height)

"A" - 40-1/8" "B" - 35-1/2" 1019.2mm 901.7mm

3/4" Aluminum Baluster



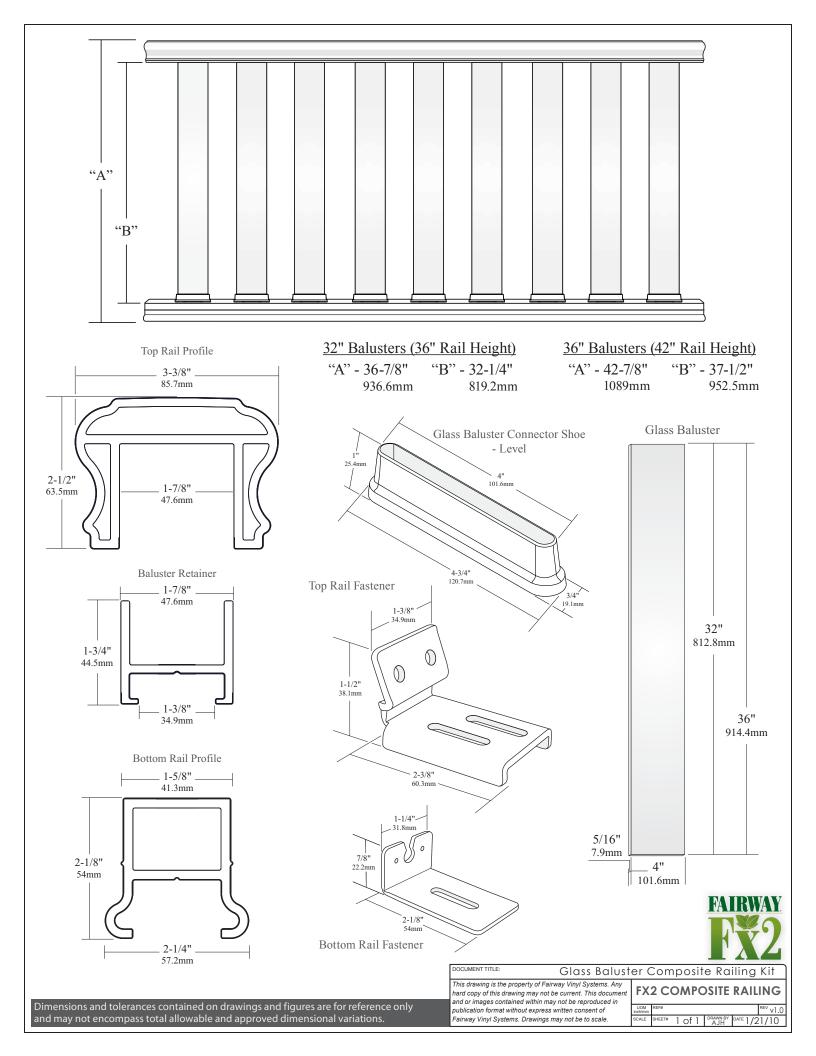
Aluminum Baluster Composite Railing Kit

This drawing is the property of Fairway Vinyl Systems. Any hard copy of this drawing may not be current. This document and or images contained within may not be reproduced in publication format without express written consent of Fairway Vinyl Systems. Drawings may not be to scale

FX2 COMPOSITE RAILING

1 of 1 DRAWN BY E

Dimensions and tolerances contained on drawings and figures are for reference only and may not encompass total allowable and approved dimensional variations.



5208 Wilshire Park Drive – Hudson OH









