


Architectural Iron Designs, Inc.

Regency Railings

PREFABRICATED ORNAMENTAL RAILING PANELS

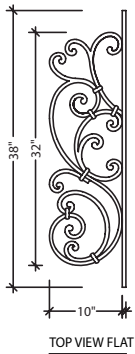


Bordeaux©

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Phone: 800.784.7444 • Fax: 908.757.3439
aisales@archirondesign.com

Tuscany panels are 1/2" square.

PIECE A
FITS LEVEL
BALCONY
OR LANDING



TOP VIEW FLAT

TUS A-1

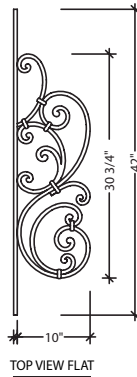
PIECE B
FITS LEVEL
BALCONY OR
LANDING



TOP VIEW FLAT

TUS B-1

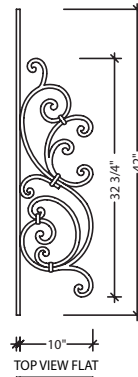
PIECE C
FITS ANGLES
20-36°



TOP VIEW FLAT

TUS C-1

PIECE D
FITS ANGLES
20-48°



TOP VIEW FLAT

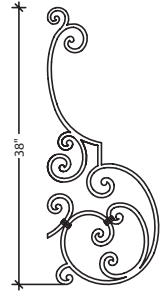
TUS D-1

PIECE E
FITS ANGLES
37-48°

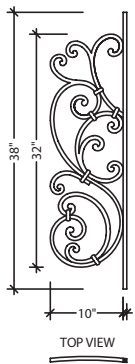


TOP VIEW FLAT

TUS E-1



TUS Term-FLAT



TOP VIEW

TUS A-2

For all radius
from 28 inches to
20 feet



TOP VIEW

TUS B-2

For all radius
from 28 inches to
20 feet



TOP VIEW

TUS C-2

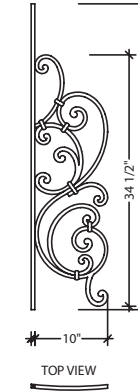
For all radius
from 30 inches to
20 feet



TOP VIEW

TUS D-2

For all radius
from 30 inches to
20 feet



TOP VIEW

TUS E-2

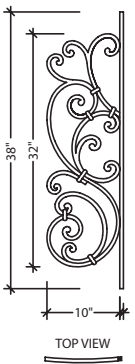
For all radius
from 30 inches to
20 feet



TOP VIEW

TUS Term-LT

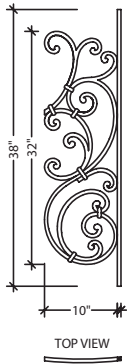
Left side view
4-1/2" radius



TOP VIEW

TUS A-3

For all radius
from 28 inches to
20 feet



TOP VIEW

TUS B-3

For all radius
from 28 inches to
20 feet



TOP VIEW

TUS C-3

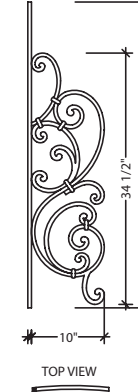
For all radius
from 30 inches to
20 feet



TOP VIEW

TUS D-3

For all radius
from 30 inches to
20 feet



TOP VIEW

TUS E-3

For all radius
from 30 inches to
20 feet



TOP VIEW

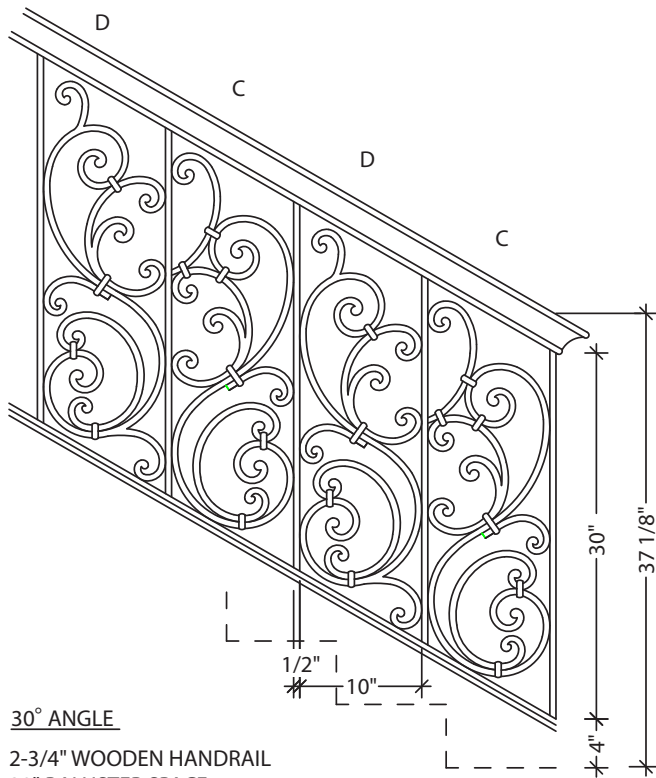
TUS Term-RT

Right side view
4-1/2" radius

ALL DIMENSIONS ARE APPROXIMATE.

TUSCANY

Tuscany panels are 1/2" square.



30° ANGLE

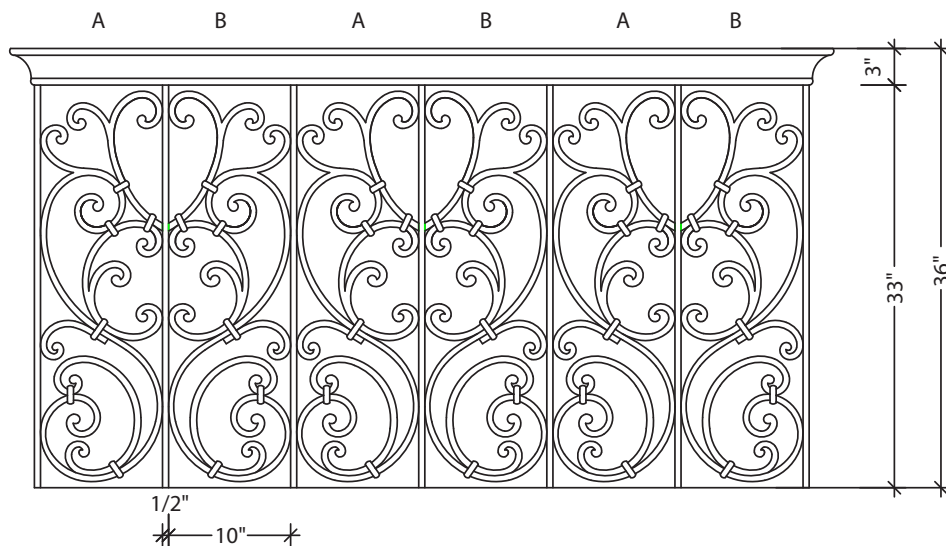
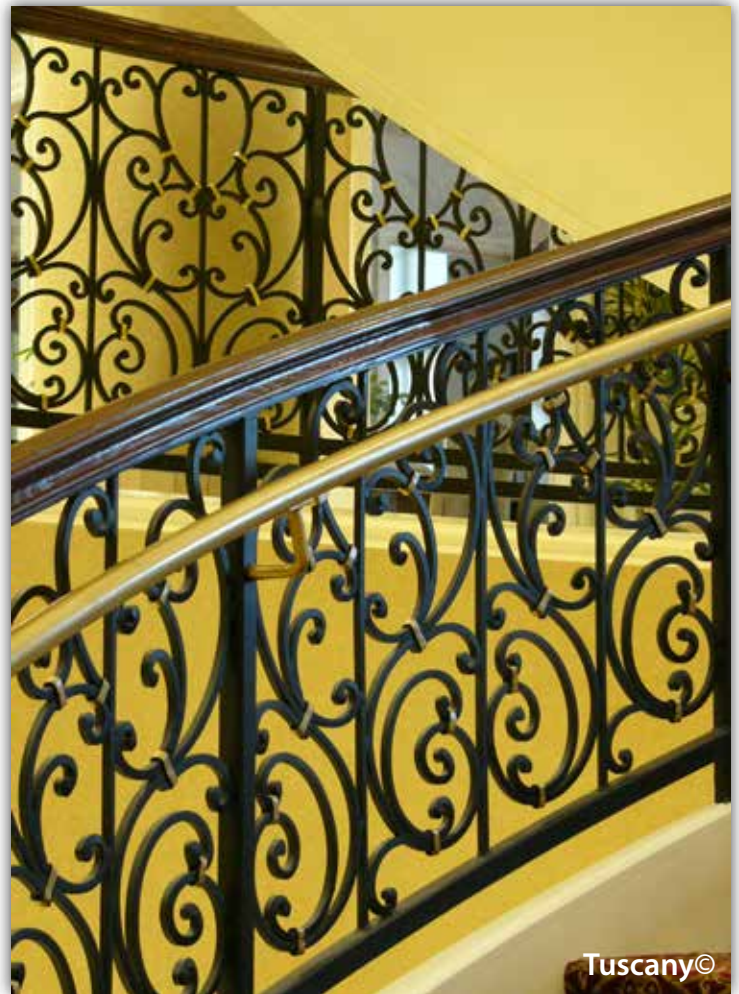
2-3/4" WOODEN HANDRAIL

30" BALUSTER SPACE

4" CLOSED STRINGER (VERTICAL)

WILL CLEAR

4" CODE



BALCONY

3" WOODEN HANDRAIL

33" BALUSTER SPACE

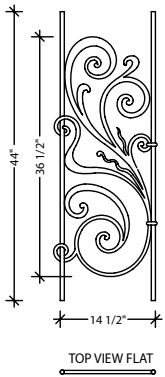
WILL CLEAR
4" CODE



ALL DIMENSIONS ARE APPROXIMATE.

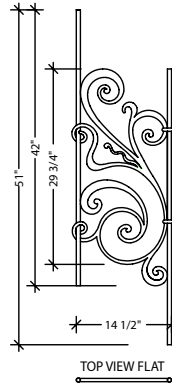
Rebecca panels are 1/2" round and side bars are 5/8" round.

PIECE A
FITS LEVEL
BALCONY OR
STRAIGHT RAIL



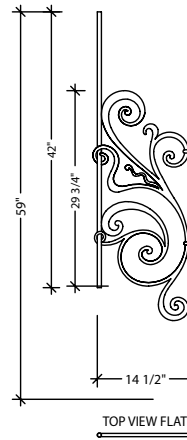
RB A-1

PIECE B
FITS ANGLES 23-39°

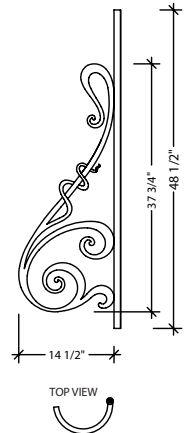


RB B-1

PIECE C
FITS ANGLES 40-52°

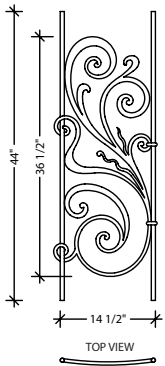


RB C-1



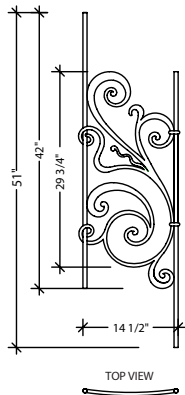
RB Term

Left termination
4-1/2" radius



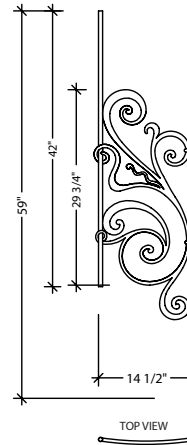
RB A-2

For all radius
from 28 inches to 20 feet



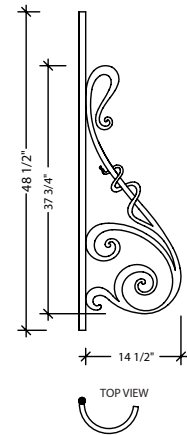
RB B-2

For all radius
from 30 inches to 20 feet



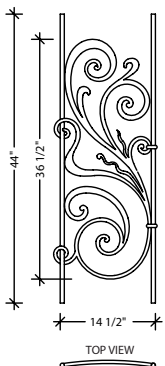
RB C-2

For all radius
from 30 inches to 20 feet



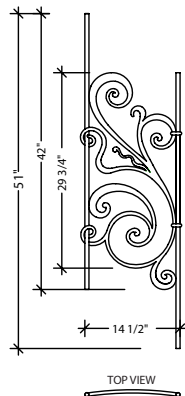
RB Term

Right termination
4-1/2" radius



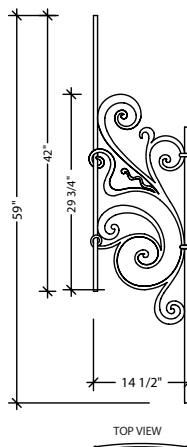
RB A-3

For all radius
from 28 inches to 20 feet



RB B-3

For all radius
from 30 inches to 20 feet



RB C-3

For all radius
from 30 inches to 20 feet

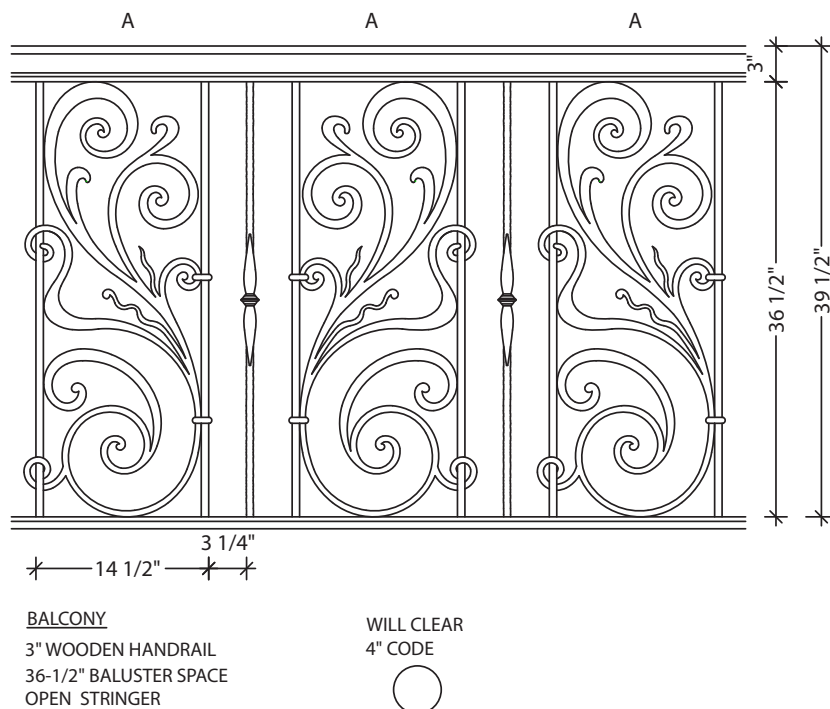
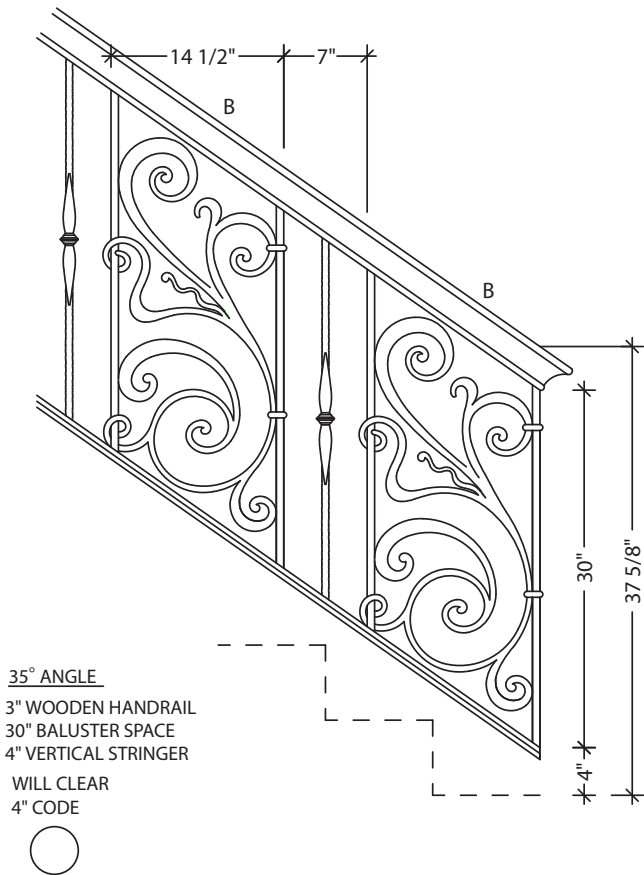


Rebecca©

ALL DIMENSIONS ARE APPROXIMATE.

REBECCA

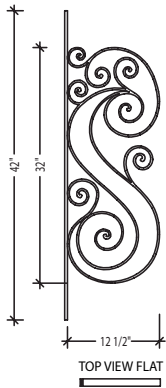
Rebecca panels are 1/2" round and side bars are 5/8" round.



ALL DIMENSIONS ARE APPROXIMATE.

Michelle panels are 1/4" x 1" flat bar and side bars are 3/8" x 1" flat bar.

PIECE A
FITS LEVEL
BALCONY OR
STRAIGHT RAIL



MIC A-1

PIECE B
FITS ALL ANGLES
UP TO 50°



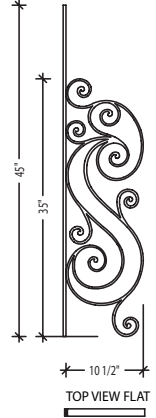
MIC B-1

PIECE C
FITS ALL ANGLES
UP TO 46°

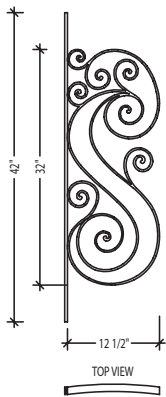


MIC C-1

PIECE D
FITS ALL ANGLES
UP TO 47-50°



MIC D-1



MIC A-2

For all radius
from 28 inches to 20 feet



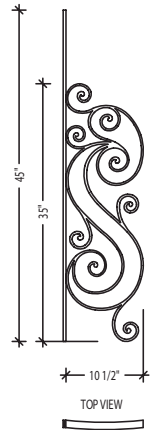
MIC B-2

For all radius
from 30 inches to 20 feet



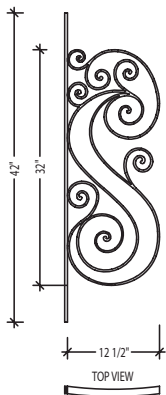
MIC C-2

For all radius
from 30 inches to 20 feet



MIC D-2

For all radius
from 30 inches to 20 feet



MIC A-3

For all radius
from 28 inches to 20 feet



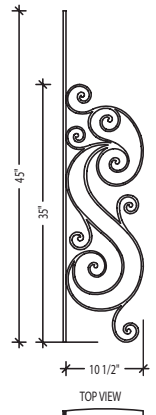
MIC B-3

For all radius
from 30 inches to 20 feet



MIC C-3

For all radius
from 30 inches to 20 feet



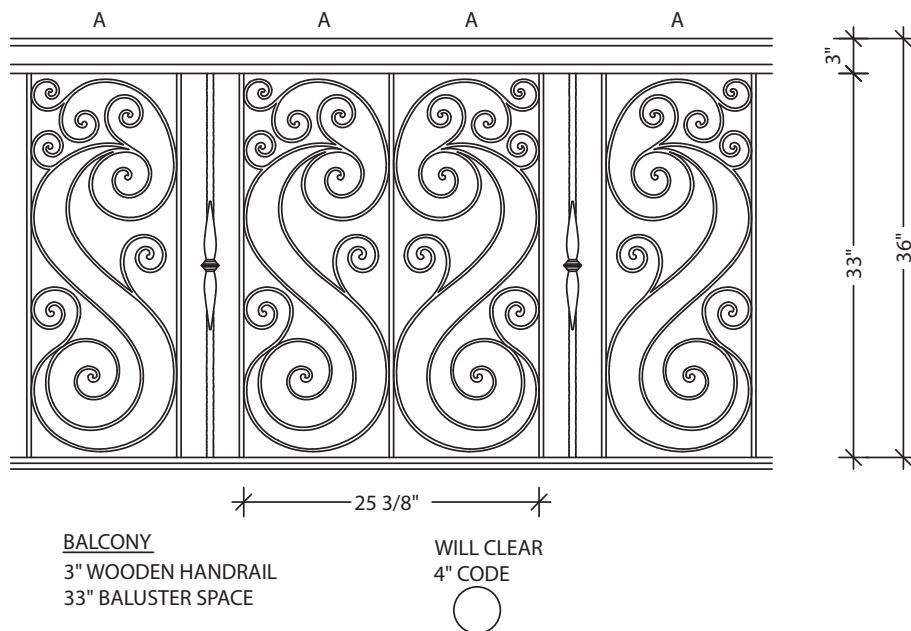
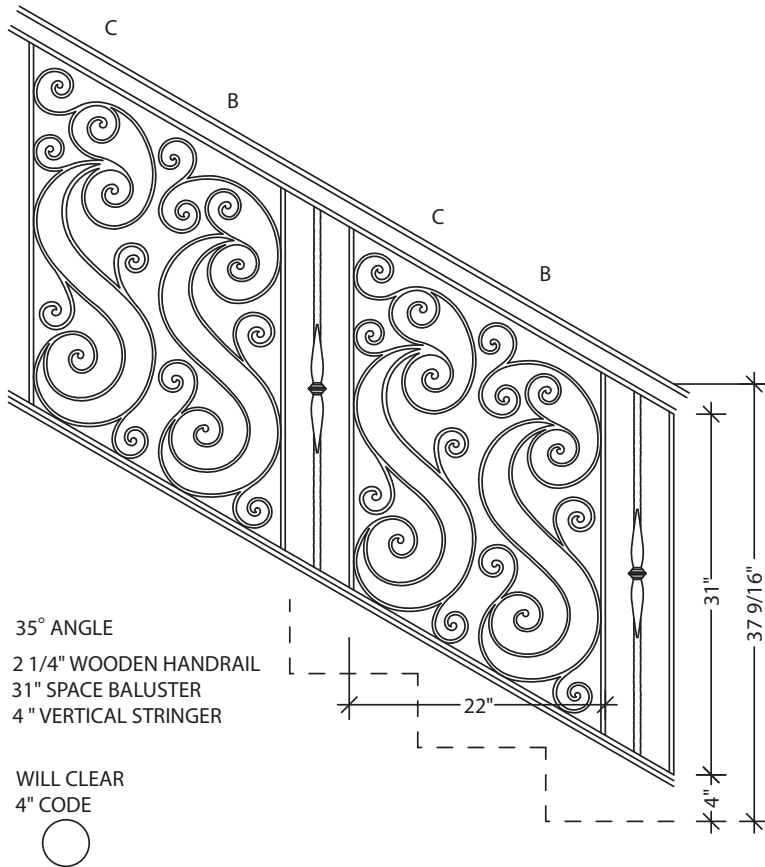
MIC D-3

For all radius
from 30 inches to 20 feet

ALL DIMENSIONS ARE APPROXIMATE.

MICHELLE

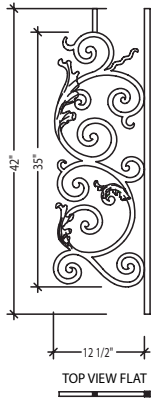
Michelle panels are 1/4" x 1" flat bar and side bars are 3/8" x 1" flat bar.



ALL DIMENSIONS ARE APPROXIMATE.

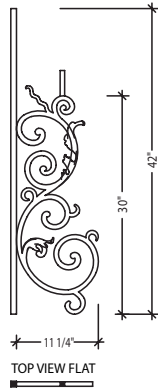
Bordeaux panels are 5/8" square and side bars are 3/4" square tube.

PIECE A
FITS LEVEL
BALCONY OR
STRAIGHT RAIL



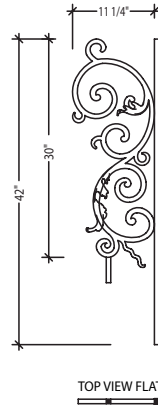
BOC A-1

PIECE B
FITS ALL ANGLES UP
TO 48°



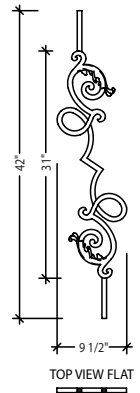
BOC B-1

PIECE B
FITS ALL ANGLES UP
TO 48°



BOC B-1

PIECE C
FITS ONLY INCLINE
ANGLES BELOW 40°

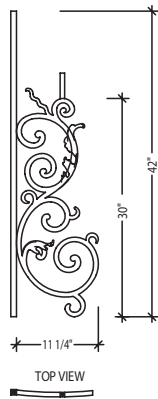


BOC C-1



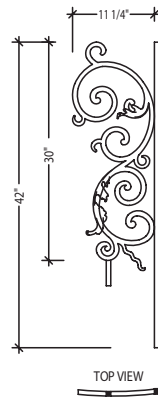
BOC A-2

For all radius
from 28 inches to 20 feet



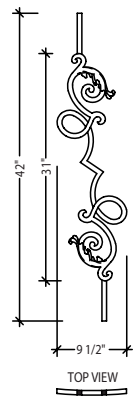
BOC B-2

For all radius
from 30 inches to 20 feet



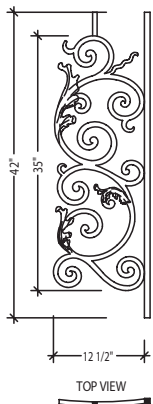
BOC B-2

For all radius
from 30 inches to 20 feet



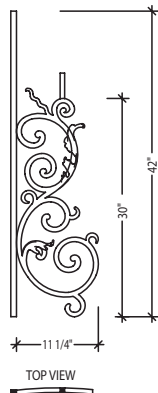
BOC C-2

For all radius
from 30 inches to 20 feet



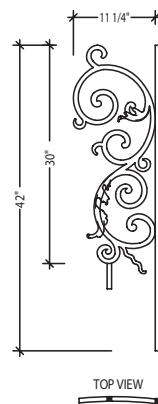
BOC A-3

For all radius
from 28 inches to 20 feet'



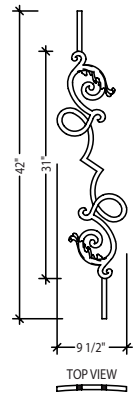
BOC B-3

For all radius
from 30 inches to 20 feet



BOC B-3

For all radius
from 30 inches to 20 feet



BOC C-3

For all radius
from 30 inches to 20 feet

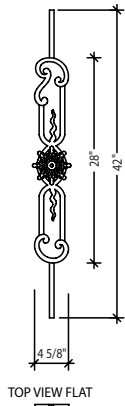
ALL DIMENSIONS ARE APPROXIMATE.

BORDEAUX

Bordeaux panels are 5/8" square and side bars are 3/4" square tube.

U.S. PATENT #5,820,111
U.S. PATENT #6,059,269

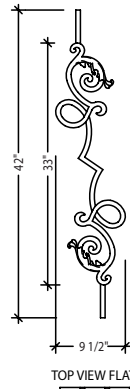
PIECE D
FITS ALL ANGLES



TOP VIEW FLAT

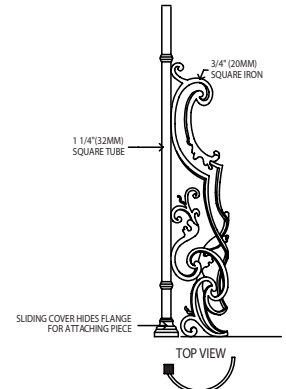
BOC D

PIECE E
FITS ONLY ANGLES
ABOVE 40°



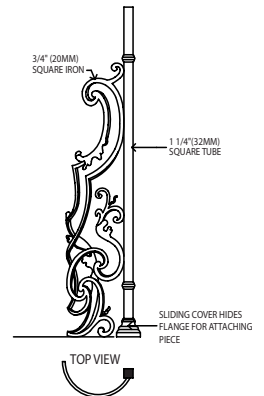
TOP VIEW FLAT

BOC E-1



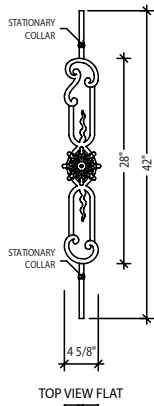
BOC Term

Right inside view
4-1/2" radius



BOC Term

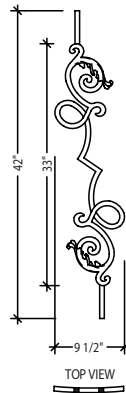
Left inside view
4-1/2" radius



TOP VIEW FLAT

BOC F

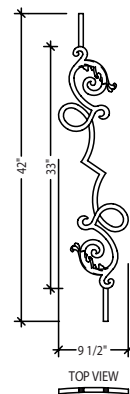
Piece F
Fits level balcony or
straight rail



TOP VIEW

BOC E-2

For all radius
from 30 inches to 20 feet



TOP VIEW

BOC E-3

For all radius
from 30 inches to 20 feet

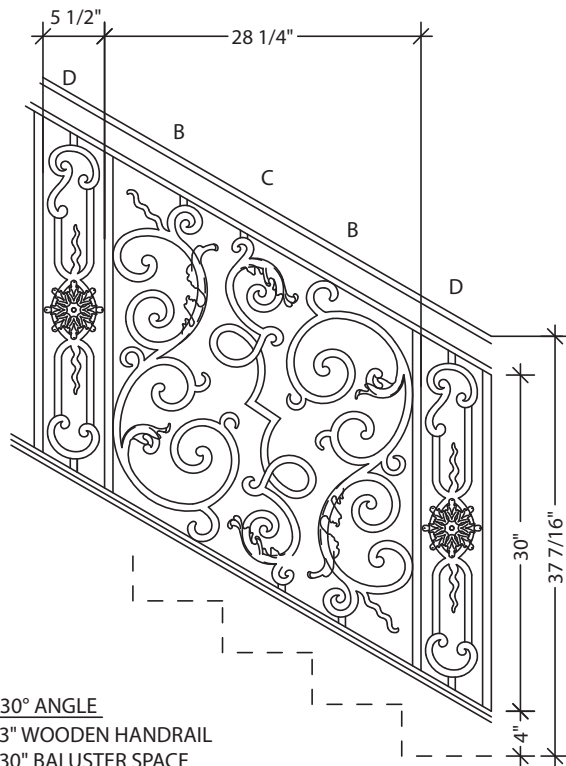


Bordeaux©

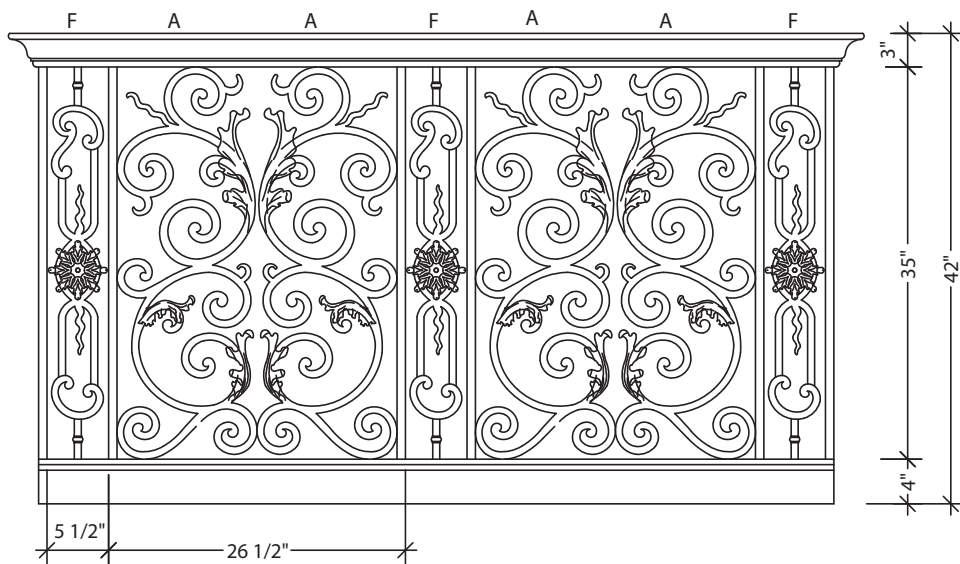
ALL DIMENSIONS ARE APPROXIMATE.

BORDEAUX

Bordeaux panels are 5/8" square and side bars are 3/4" square tube.



WILL CLEAR
4" CODE



BALCONY

3" WOODEN HANDRAIL
35" BALUSTER SPACE
4" CLOSED STRINGER

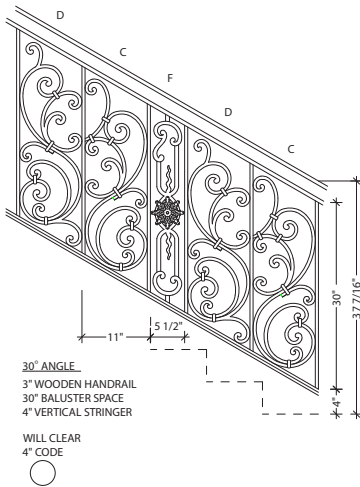
WILL CLEAR
4" CODE



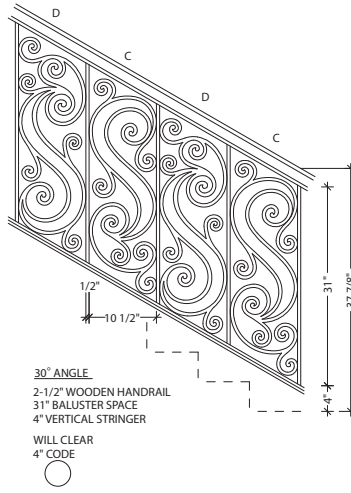
ALL DIMENSIONS ARE APPROXIMATE.

MORE PREFABRICATED PANELS OFFERED

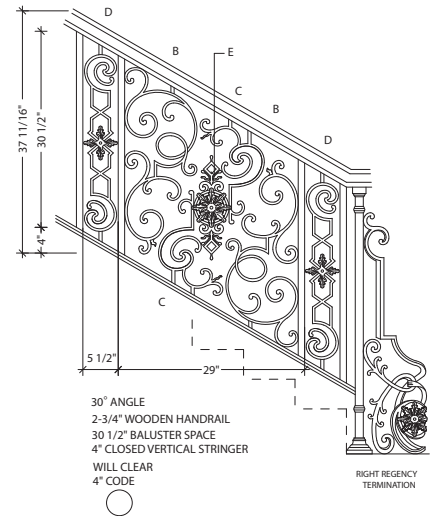
Rossi: 1/2" square



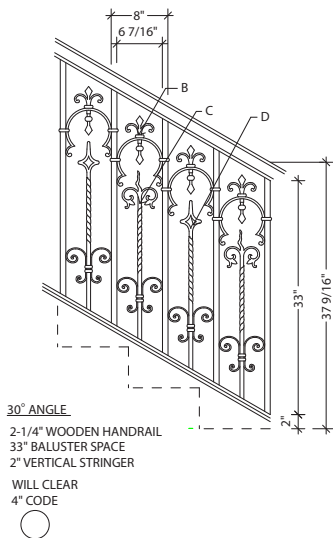
Victoria: 1/2" x 1/2" square



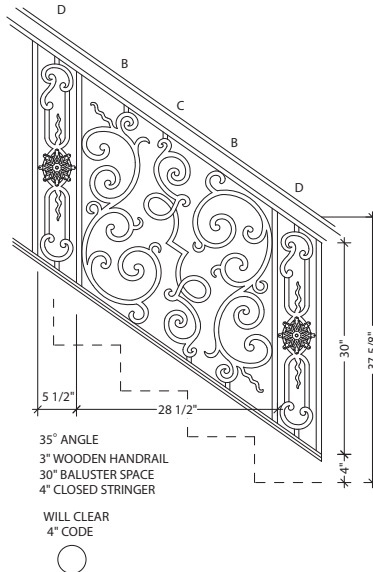
Regency: Panels are 3/8"W x 1"D, side bars are 1" square tube and top/bottom sticks are 1/2"W x 1/2"D square



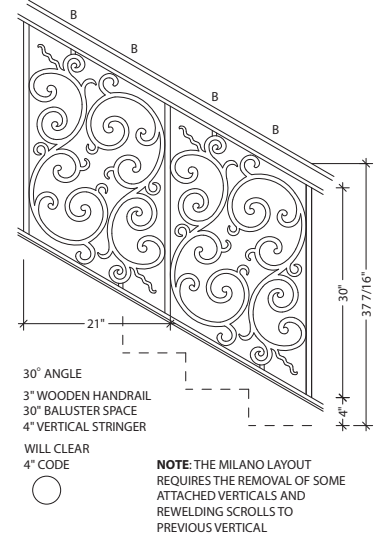
Firenza: Panels are 7/8"x 1/64" and 7/8" x 5/16", side bars are 7/8" square



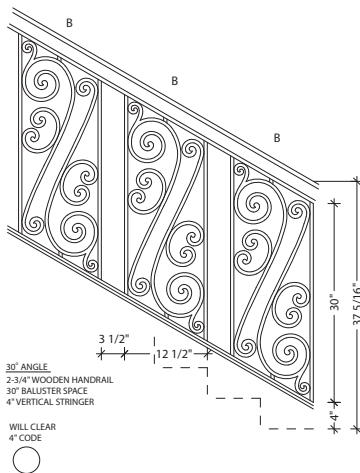
Verona: Panels 1/2" square and side bars 3/4" square tube



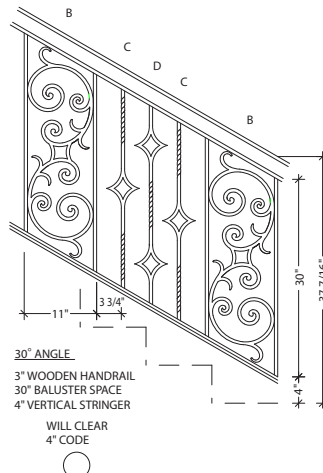
Milano: Panels 1/2" square and side bars 3/4" square tube



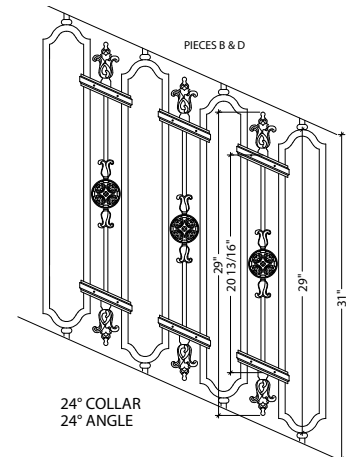
Geno: 1/2" square



Seville: 1/2" square



Windsor: Bar size varies depending upon piece either 5/8" square or 3/8" round



ABOUT REGENCY RAILINGS

Regency Railings has developed an innovative and patented series of prefabricated, hand forged decorative ironwork components expressly for home builders and wood stair companies. You now have the opportunity to offer a custom designed hand forged iron railing system at a fraction of the cost.

This innovative balustrade system is beyond compare. The designs included within this brochure were developed to be installed directly into a closed stringer staircase and wooden handrail to eliminate all need for welding. Regency Railings' components are not designed to be installed directly into stair treads. If you are still specifying open stringers, you now have a reason to change.

Regency Railings engineers all designs to pass the 4" sphere code and 2000 IRC rail height requirements when installed in accordance with the layouts depicted within this brochure. However, it is the sole responsibility of the builder, stair company, architect, designer, and installer to familiarize themselves and comply with these national building codes and any local code which may differ.

Regency Railings offers components for virtually any staircase regardless of radius or slope and any level railing regardless of radius with the following limitations. Regency Railings' components are designed for use on any incline radius greater than 30" and degree of incline 48 degrees or less and any level railing radius greater than 28". Use on a tighter radius or greater degree of incline might require significant modification to allow installation and to pass the 4" sphere code.



INSTALLATION GUIDELINES

Regency Railings' prefabricated ornamental iron components can be installed on open stringer staircases using the same techniques developed by iron fabricators centuries ago. However, the following specifications and guidelines offer an alternative for the need of fabricating an iron framework and welding decorative components between that framework.



Closed Stringer Specifications

Construct a secure knee wall in accordance with the trim specifications. Remember, this wall will be the base for the balustrade system to sit on. In most installations the top cap of the knee wall should be a maximum of 4" vertical from nose of tread or 4" above the landing floor. However, 3-3/4" is preferred to allow for any variances that may occur. Always check your specific application in the line drawings to determine the correct maximum height.

Baluster Space Requirements

All Regency Railings designs require a specific baluster space for staircases and level railings. The most common baluster space required for inclines is 30" or 31". However, some designs do change with the degree of inclination and you must always check your specific application to determine the correct baluster space required before you begin. The level rail baluster space requirements are different depending upon the design and range from 32" to 38".

Handrail Specifications

Since baluster space requirements can change depending upon the design and or the degree of incline, do not set the wooden handrail until all components are installed into the kneewall. Installing the handrail prior to inserting the components will make the process more difficult or even impossible.