



CHADSWORTH'S 1.800.COLUMN[®]

800.486.2118

www.columns.com



Welcome to CHADSWORTH'S 1.800.COLUMNS,

For more than fifteen years the name CHADSWORTH'S 1.800.COLUMNS has come to stand for quality, craftsmanship and integrity of design. Still owned and operated as a family company, Chadsworth has created a line of columns that is built to last and will become an enduring legacy of style and design in your home. Because we have set the standard of quality in our industry today, Chadsworth is the column exclusively specified by William E. Poole Designs. In 2001, Chadsworth was the recipient of the American Building Products Award for Excellence.

Choose from Authentic Replication, PolyStone™, Colossal, Classic, Colonial and Original Design, such as the Bungalow, the Boxed Columns, and the Premier Custom Collections. We also work from custom designs or replicate existing columns for replacement or additions. Column materials include wood, fiberglass, and polyester composite. We now offer Stain Grade columns to match the most difficult jobs. Stain Grade Columns are available in oak, cherry, English maple, mahogany, and other exotic woods like Bird's Eye Maple. Careful selection of wood plus true authenticity make our Stain Grade column the very best on the market today.

When you study our catalog, you will notice that there is a wide range of prices. The columns may appear to be the same, but there are major differences that affect the price; such as detail, authenticity, design, size, lumber species, thickness of lumber, or type of material used.

Our columns, both interior and exterior, come with plain (smooth) and fluted shafts in a variety of sizes or materials. For a more decorative look, we offer our ornamental plaster/fiberglass or wood-grain capitals.

Please read our catalog carefully so that you understand the characteristics and applications of our columns. If you have questions about style, size, price or production schedule, please contact one of our trained sales consultants, who will be happy to answer your questions and help you select the right column for your individual needs.

Warm regards,

Jeffrey L. Davis
Founder & Principal Designer

On the cover: CHADSWORTH COTTAGE SHOWCASE

Team Members - Residential Design by Christine G.H. Franck, Inc. (New York, NY);

Construction by Murray Construction Company of Wilmington (Wilmington, NC);

Structural Engineer by Woods Engineering, PA (Wilmington, NC);

Photography by Hart/Collier (Wilmington, NC);

and Jeffrey L. Davis, Founder and Principal Designer of Chadsworth Incorporated

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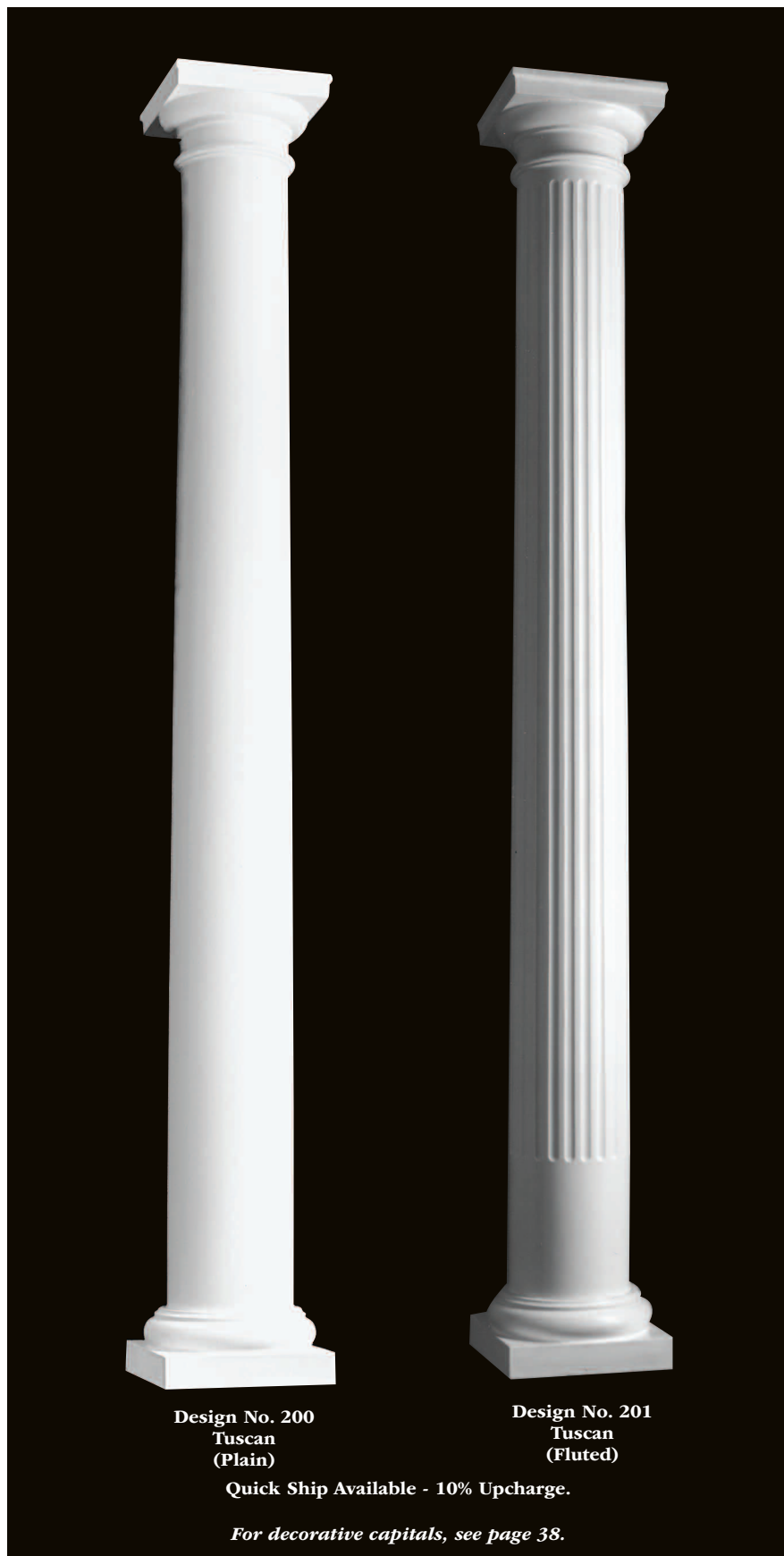
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POLYSTONE™ COLUMNS • COMPOSITE



Design No. 200
Tuscan
(Plain)

Quick Ship Available - 10% Upcharge.

For decorative capitals, see page 38.

Design No. 201
Tuscan
(Fluted)

DESIGN

Chadsworth's PolyStone™ is the answer to those jobs when extra durability is needed. Because of their resistance to extreme weather conditions, PolyStone™ composite columns are an excellent choice for trellises, arbors, pergolas, porches and all exterior applications, especially those near water. However, due to their exceptional quality of design, many clients use them indoors as well.

CONSTRUCTION MATERIALS

Our PolyStone™ columns feature a true architectural taper (entasis) on select sizes and a classic bead. Columns measuring 6" x 8" through 16" x 18' are available plain or fluted and come standard with polyurethane capitals and bases. The large columns, 18" x 8' through 36" x 30', are available with plain shafts and come standard with polyurethane capitals and bases up to 26". Columns larger than 26" come with fiberglass capitals and bases. A polyurethane Ionic (Attic) or Doric base is optional for an upcharge.

MANUFACTURING PROCESS

PolyStone™ columns are manufactured in a spin-cast process using existing molds or we can create custom molds for your unique specifications. Mixtures of marble dust, polyresins, and fiberglass are poured into the molds and spun to form the columns.

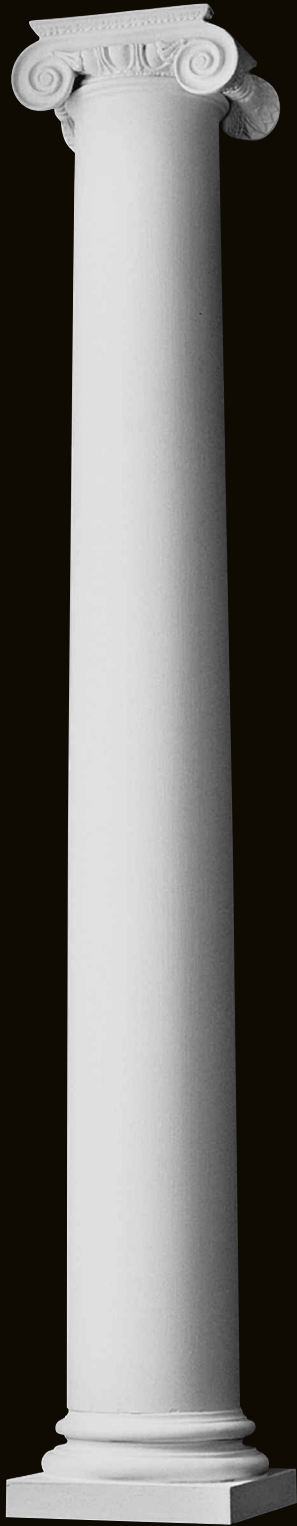
CONSTRUCTION DETAILS

Load-bearing Capacity - Columns may be used for structural support as well as for decorative purposes. For this reason, you may want to know the amount of weight they will bear, referred to as load-bearing capacity. That capacity is directly related to the surface area of the material used, the length of the column and the compression strength of the material. The table on page 4 shows sample load-bearing capacities.

PolyStone™ columns can be easily cut down to your desired overall height.

Due to our continued effort to improve our product, sometimes designs will vary slightly.

POLYSTONE™ COLUMNS • COMPOSITE



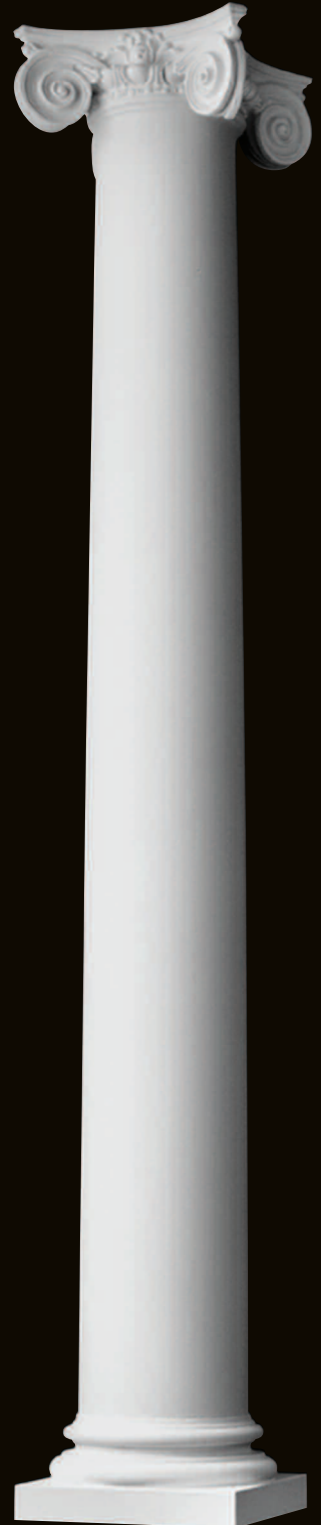
Design No. 228
Roman Ionic
(Plain)
Ionic (Attic) Base



Design No. 220
Roman Corinthian
(Plain)
Ionic (Attic) Base



Design No. 216
Greek Corinthian
(Temple of Winds)
(Plain)
Ionic (Attic) Base



Design No. 232
Scamozzi
(Plain)
Ionic (Attic) Base

POLYSTONE™ COLUMNS • COMPOSITE

Type II Design Series 200 Round Tapered Columns

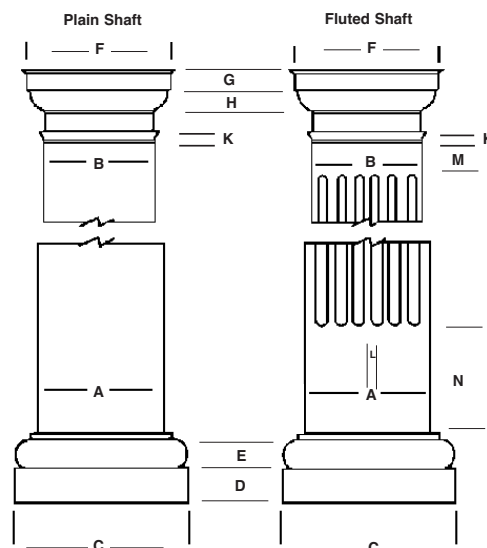
Orders under \$3,000 - add 5% handling.

| Bottom Diameter x Height | Shaft Weight | Round Tapered | | Bottom Diameter x Height | Shaft Weight | Round Tapered | |
|-----------------------------|--------------|---------------|--------|--|--------------|---------------|--------|
| | | Plain | Fluted | | | Plain | Fluted |
| 6" x 8' | 35 | | | 24" x 14' | 900 | | N/A |
| 8" x 5' 6" | 47 | | | 24" x 16' | 1,100 | | N/A |
| 8" x 8' | 58 | | | 24" x 18' | 1,250 | | N/A |
| 8" x 9' | 65 | | | 24" x 20' | 1,400 | | N/A |
| 8" x 10' | 75 | | | 24" x 22' | 1,600 | | N/A |
| 10" x 8' | 80 | | | 24" x 24' | 1,800 | | N/A |
| 10" x 9' | 93 | | | 24" x 26' | 2,000 | | N/A |
| 10" x 10' | 105 | | | 26" x 20' | 1,300 | | N/A |
| 10" x 12' | 130 | | | 26" x 22' | 1,450 | | N/A |
| 12" x 8' | 105 | | | 26" x 24' | 1,600 | | N/A |
| 12" x 9' | 120 | | | 26" x 26' | 1,750 | | N/A |
| 12" x 10' | 135 | | | 28" x 20' | 1,450 | | N/A |
| 12" x 12' | 165 | | | 28" x 22' | 1,600 | | N/A |
| 12" x 14' | 205 | | | 28" x 24' | 1,750 | | N/A |
| 12" x 16' | 240 | | | 28" x 26' | 1,950 | | N/A |
| 14" x 8' | 145 | | | 28" x 28' | 2,100 | | N/A |
| 14" x 9' | 165 | | | 30" x 20' | 1,700 | | N/A |
| 14" x 10' | 185 | | | 30" x 22' | 1,900 | | N/A |
| 14" x 12' | 225 | | | 30" x 24' | 2,100 | | N/A |
| 14" x 14' | 270 | | | 30" x 26' | 2,300 | | N/A |
| 14" x 16' | 301 | | | 30" x 28' | 2,600 | | N/A |
| 16" x 10' | 235 | | | 30" x 30' | 2,800 | | N/A |
| 16" x 12' | 290 | | | 32" x 20' | 2,200 | | N/A |
| 16" x 14' | 350 | | | 32" x 22' | 2,400 | | N/A |
| 16" x 16' | 400 | | | 32" x 24' | 2,600 | | N/A |
| 16" x 18' | 475 | | | 32" x 26' | 2,800 | | N/A |
| 18" x 8' | 240 | | N/A | 32" x 28' | 3,000 | | N/A |
| 18" x 10' | 315 | | N/A | 32" x 30' | 3,200 | | N/A |
| 18" x 12' | 385 | | N/A | 34" x 20' | 2,500 | | N/A |
| 18" x 14' | 460 | | N/A | 34" x 22' | 2,700 | | N/A |
| 18" x 16' | 540 | | N/A | 34" x 24' | 2,900 | | N/A |
| 18" x 18' | 620 | | N/A | 34" x 26' | 3,200 | | N/A |
| 18" x 20' | 700 | | N/A | 34" x 28' | 3,400 | | N/A |
| 20" x 12' | 475 | | N/A | 34" x 30' | 3,700 | | N/A |
| 20" x 14' | 550 | | N/A | 36" x 20' | 2,800 | | N/A |
| 20" x 16' | 650 | | N/A | 36" x 22' | 3,000 | | N/A |
| 20" x 18' | 750 | | N/A | 36" x 24' | 3,200 | | N/A |
| 20" x 20' | 850 | | N/A | 36" x 26' | 3,500 | | N/A |
| 20" x 22' | 1,000 | | N/A | 36" x 28' | 3,800 | | N/A |
| 20" x 24' | 1,150 | | N/A | 36" x 30' | 4,000 | | N/A |
| 22" x 14' | 700 | | N/A | (N/A: Fluted not available in these sizes.) | | | |
| 22" x 16' | 825 | | N/A | For any size not shown on chart, please call sales office. | | | |
| 22" x 18' | 950 | | N/A | Prices for 12' and under include an engineered resin | | | |
| 22" x 20' | 1,100 | | N/A | Tuscan Capital and base. Larger sizes include a | | | |
| 22" x 22' | 1,300 | | N/A | Polyurethane Tuscan set and crating. | | | |
| 22" x 24' | 1,500 | | N/A | | | | |

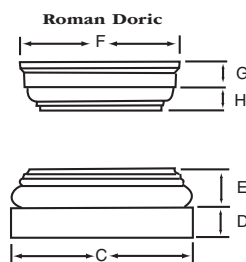
Prices subject to change without notice.

LOAD-BEARING CAPACITY, WALL THICKNESS & INTERIOR CLEARANCE

| Bottom Diameter | Wall Thickness +/- | LOAD (lbs) | Interior Round Clearance | Interior Square Clearance |
|-----------------|--------------------|------------|--------------------------|---------------------------|
| 6" | 1/4-3/8" | 8,000 | 21/2" | 27/16" |
| 8" | 1/4-3/8" | 10,000 | 51/8" | 313/16" |
| 10" | 1/4-3/8" | 14,000 | 67/8" | 5" |
| 12" | 1/4-3/8" | 18,000 | 81/4" | 6" |
| 14" to 10' | 1/2" | 20,000 | 93/4" | 7" |
| 16" to 12' | 1/2" | 20,000 | 115/8" | 83/8" |
| 16" over 12' | 1/2" | 20,000 | 115/8" | 83/8" |
| 18" | 1/2" | 20,000 | 13" | 93/8" |
| 20" | 1/2" | 20,000 | 141/2" | 107/16" |
| 22" | 5/8" | 20,000 | 171/4" | 171/2" |
| 24" | 5/8" | 20,000 | 171/2" | 129/16" |
| 30" | 5/8" | 30,000 | 243/8" | 171/8" |
| 36" | 11/4" | 30,000 | 299/16" | 209/16" |



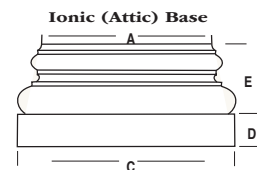
Specifications for above diagram on page 5.



| SPECIFICATIONS FOR ROMAN DORIC CAPITAL & BASE | | | | | | |
|---|----------|-------|-----------|---------|--------|--------|
| Column Dia. | Base | | | Capital | | |
| | Plinth C | D | Molding E | F | G | H |
| 6" | 81/4" | 11/2" | 13/4" | 71/8" | 11/8" | 5/8" |
| 8" | 101/4" | 17/8" | 27/16" | 93/4" | 17/16" | 11/16" |
| 10" | 127/8" | 23/8" | 31/8" | 125/16" | 13/4" | 19/16" |
| 12" | 151/4" | 23/4" | 31/2" | 143/4" | 23/16" | 11/2" |
| 14" | 183/8" | 33/8" | 41/16" | 171/2" | 25/16" | 21/16" |
| 16" | 211/2" | 37/8" | 47/8" | 197/8" | 25/8" | 21/16" |
| 18" | 241/4" | 41/4" | 53/4" | 221/4" | 31/8" | 21/4" |

IONIC (ATTIC) BASE (OPTIONAL)

| COLUMN DIA. (IN.) | PLINTH | | BASE MOLD |
|-------------------|--------|------|-----------|
| A | C | D | E |
| 6 | 81/4 | 11/2 | 27/16 |
| 8 | 101/4 | 17/8 | 31/4 |
| 10 | 127/8 | 23/8 | 37/8 |
| 12 | 151/4 | 23/4 | 41/2 |
| 14 | 183/4 | 33/8 | 53/8 |
| 16 | 211/2 | 37/8 | 61/4 |
| 18 | 241/4 | 41/4 | 71/8 |

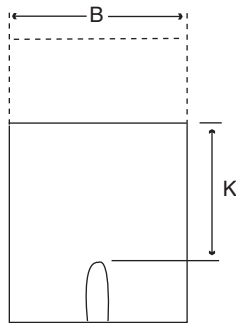


COLUMN DIMENSIONS (TUSCAN ROUND TAPERED-IN INCHES)

| Column Diameter | Bottom Diameter | Top Diameter | Plinth | | Base Molding | Square Capital (Abacus) | | Round Capital | Bead (Astragal) | Flute Width | Flutes Begin From Under Bead | Flutes Begin From Top of Base | # Of Flutes |
|-----------------|-----------------|--------------|--------|-------|--------------|-------------------------|------|---------------|-----------------|-------------|------------------------------|-------------------------------|-------------|
| | A | B | C | D | E | F | G | H | K | L | M | N | |
| 6 | 55/8 | 51/2 | 81/4 | 11/2 | 13/4 | 71/8 | 11/8 | 5/8 | 1 | 5/16 | 1 | 103/4 | 16 |
| 8 | 75/8 | 61/2 | 101/4 | 17/8 | 23/8 | 99/16 | 13/8 | 1 | 1 | 11/16 | 1 | 103/4 | 24 |
| 10 | 95/8 | 81/2 | 127/8 | 23/8 | 27/8 | 117/8 | 13/4 | 11/4 | 1 | 7/8 | 1 | 103/4 | 24 |
| 12 | 115/8 | 10 | 151/4 | 23/4 | 31/4 | 141/2 | 2 | 13/8 | 1 | 1 | 1 | 103/4 | 24 |
| 14 | 135/8 | 12 | 183/4 | 33/8 | 4 | 171/4 | 23/8 | 15/8 | 11/8 | 1 | 1 | 103/4 | 24 |
| 16 | 155/8 | 131/2 | 211/2 | 37/8 | 41/2 | 191/4 | 23/4 | 17/8 | 11/4 | 11/4 | 1 | 103/4 | 24 |
| 18 | 175/8 | 15 | 241/8 | 45/16 | 51/2 | 211/4 | 31/4 | 21/4 | 13/8 | N/A | N/A | N/A | N/A |
| 20 | 20 | 17 | 27 | 43/4 | 6 | 241/8 | 31/2 | 27/16 | 11/2 | N/A | N/A | N/A | N/A |
| 22 | 22 | 181/2 | 293/4 | 51/4 | 67/8 | 261/2 | 33/4 | 21/2 | 11/4 | N/A | N/A | N/A | N/A |
| 24 | 24 | 20 | 321/2 | 53/4 | 71/2 | 283/4 | 41/8 | 23/4 | 13/4 | N/A | N/A | N/A | N/A |
| 26 | 26 | 22 | 35 | 61/4 | 83/8 | 311/2 | 43/8 | 3 | 2 | N/A | N/A | N/A | N/A |
| 28 | 28 | 231/2 | 38 | 63/4 | 83/4 | 333/8 | 43/4 | 31/4 | 21/8 | N/A | N/A | N/A | N/A |
| 30 | 30 | 25 | 401/2 | 71/4 | 91/4 | 353/4 | 51/8 | 31/2 | 21/4 | N/A | N/A | N/A | N/A |
| 32 | 32 | 27 | 433/8 | 73/4 | 10 | 375/8 | 51/2 | 33/4 | 17/8 | N/A | N/A | N/A | N/A |
| 34 | 34 | 281/2 | 46 | 81/4 | 107/8 | 41 | 53/4 | 37/8 | 2 | N/A | N/A | N/A | N/A |
| 36 | 36 | 30 | 483/4 | 83/4 | 113/8 | 423/4 | 61/4 | 41/4 | 2 | N/A | N/A | N/A | N/A |

All columns have a 1/8" tolerance on all dimensions.

SQUARE POLYSTONE™ SPECIFICATIONS



DIMENSIONS (IN INCHES)

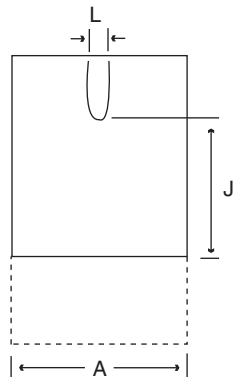
| Size | Bottom Width | Top Width | Flute Width | Top Flute | Bottom Flute or Panel | # Of Flutes |
|------|--------------|-----------|-------------|-----------|-----------------------|-------------|
| | A | B | L | K | J | |
| 6 | 51/2 | 51/2 | 11/16 | 1 | 103/4 | N/A |
| 8 | 71/2 | 71/2 | 11/16 | 1 | 103/4 | 28 |
| 10 | 91/2 | 91/2 | 7/8 | 1 | 103/4 | 28 |
| 12 | 111/2 | 111/2 | 1 | 1 | 103/4 | 28 |

DIMENSIONS (IN INCHES)

| Size (in inches) | Load Bearing Capacity (in lbs.) |
|------------------|---------------------------------|
| 8 | 10,000 |
| 10 | 10,000 |
| 12 | 10,000 |
| 14 | 10,000 |
| 16 | 10,000 |

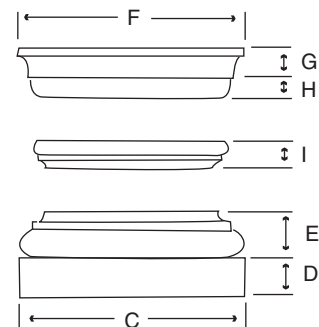
COLUMNS TO SURROUND STRUCTURAL SUPPORTS (DIMENSIONS IN INCHES)

| Size | Maximum Round Support Fluted (F) | Maximum Square Support Fluted (F) |
|------|----------------------------------|-----------------------------------|
| 8 | 41/2 | * |
| 10 | 6 | 51/2 x 51/2 |
| 12 | 71/2 | 7x 7 |



SPECIFICATIONS FOR TUSCAN CAPITAL, BASE & ASTRAGAL (IN INCHES)

| Size | Base | | | Capital | | | Astragal |
|------|--------|------|---------|---------|------|------|----------|
| | Plinth | | Molding | F | G | H | |
| | C | D | E | | | | I |
| 6 | 81/4 | 11/2 | 13/4 | 75/8 | 11/8 | 5/8 | 1 |
| 8 | 101/4 | 17/8 | 23/8 | 101/4 | 13/8 | 1 | 1 |
| 10 | 123/4 | 23/8 | 27/8 | 123/4 | 13/4 | 11/4 | 1 |
| 12 | 151/4 | 27/8 | 33/8 | 151/4 | 2 | 13/8 | 1 |
| 14 | 183/4 | 33/8 | 4 | 183/4 | 23/8 | 15/8 | 1 |
| 16 | 211/2 | 37/8 | 41/2 | 211/2 | 23/4 | 17/8 | 1 |



PREMIER CUSTOM COLLECTION • POLYSTONE™

The PolyStone™ Mount Vernon

Named for George Washington's home on the Potomac, the Mount Vernon exudes beauty and simplicity. When George Washington renovated his beloved plantation in 1759, he added a stunning 2-story piazza overlooking the Potomac River using similar recessed-panel pillars. Today's Mount Vernon Column gives your home a traditional design element that will last a lifetime.

The PolyStone™ Norfolk

The PolyStone™ Norfolk is simply *made* for Craftsman Designs! Perfect for the craftsman style house, the Norfolk is now available in several sizes. The 4' Norfolk, used on a stone pedestal, enhances the look of a Craftsman House front porch.

The PolyStone™ Square Tuscan Pillar

The Square Non-Tapered Pillar is available with a plain or fluted shaft and is architecturally correct with superb detailing. Designed with the timeless principles of tradition in mind, the Square Non-Tapered Pillar may be used with pilasters in an entrance hall.

The PolyStone™ Belley Column

The Belley Column tapers from the top and from the bottom to a graceful bell curve in the middle. This unique column works well with Spanish style architecture whether used on the interior or exterior of the home.

The PolyStone™ Round Non-Tapered Column

This "mirror image" column has clean contemporary lines and works well with any decor from classic to Art Deco. They offer a look that is beautiful but never boring!

The PolyStone™ Knee-Wall Column

These load-bearing columns are perfect for porches, or separating a room with flair. Remember, columns add weight without mass, so they can be used to divide areas in your home, without "walling off" the entire space. Unlike a wall they let light into a room and give it a feeling of openness.



Design No. 200-ST
The Norfolk

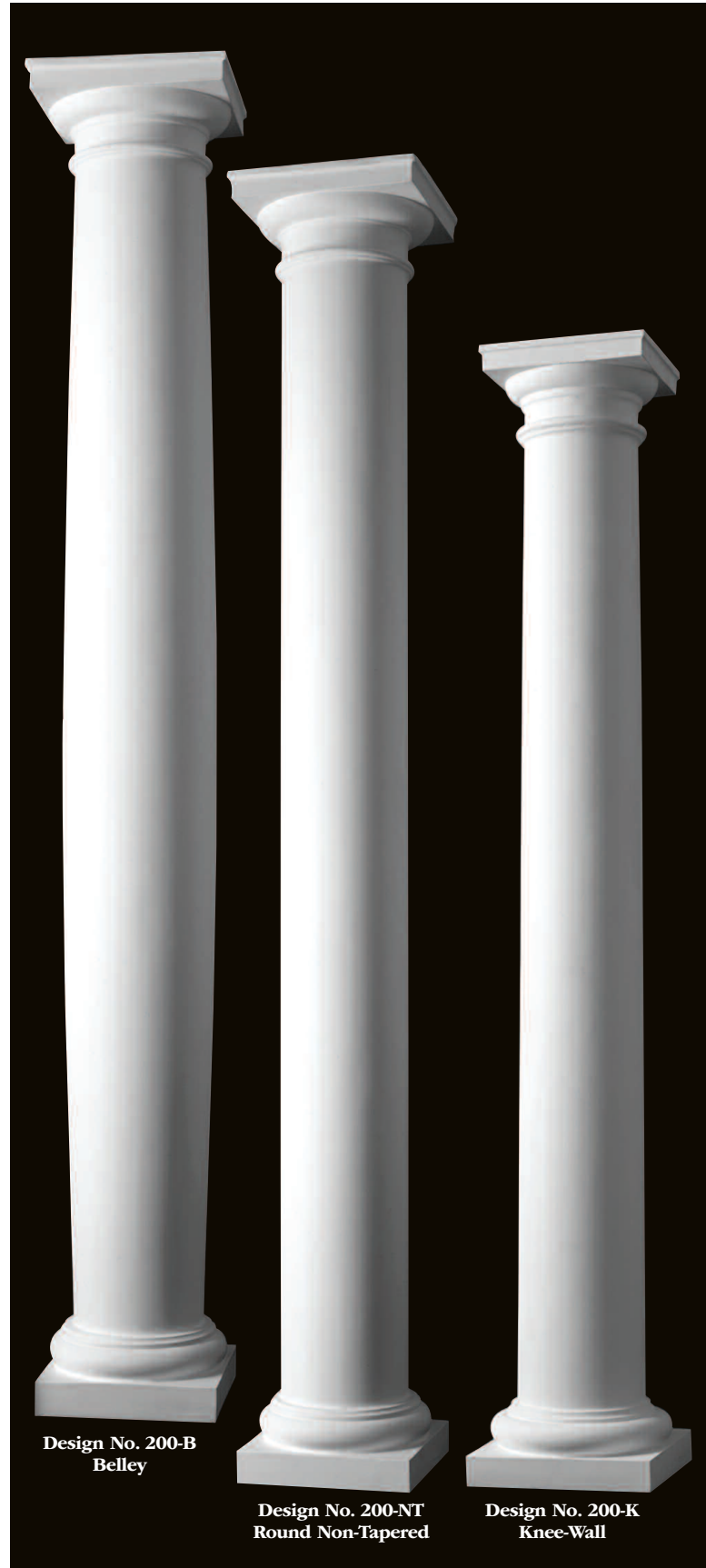
Design No. 200
Square Tuscan Pillar

Design No. 203
The Mount Vernon

Design No. 201-S
Square Tuscan Pillar
(Fluted)

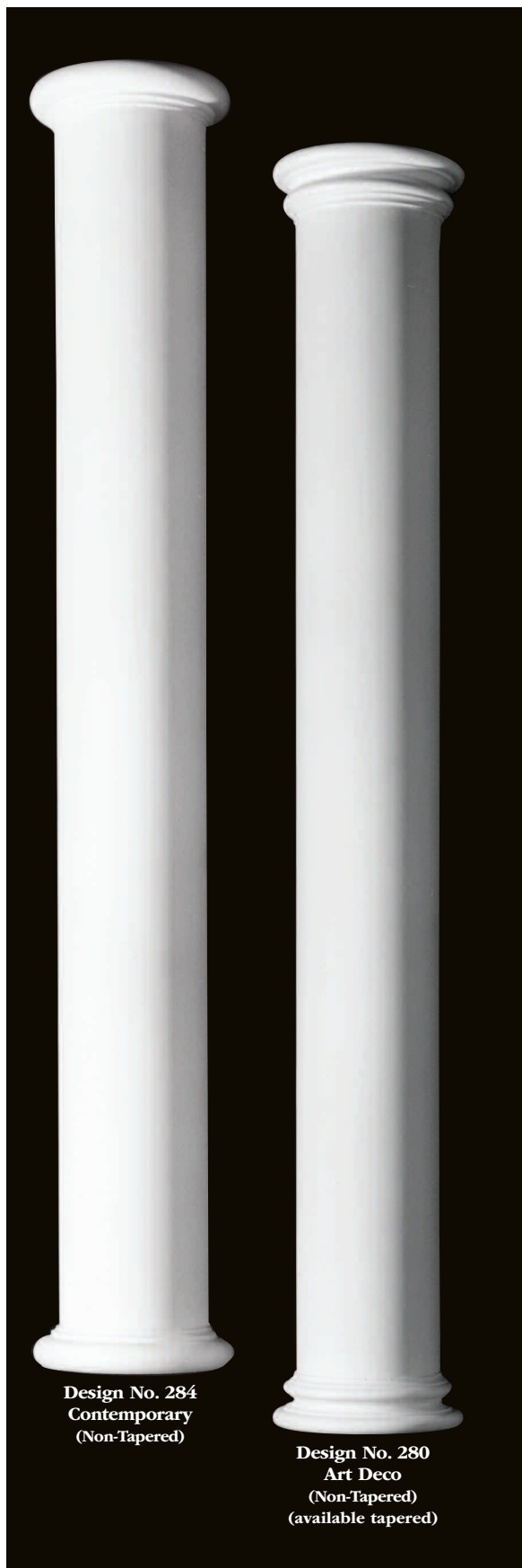
PREMIER CUSTOM COLLECTION • POLYSTONE™

| Column Size | Load Bearing Capacity | Plain | Fluted |
|---|-----------------------|-------|--------|
| Belley | | | |
| 10" x 8' (12" Middle) | 10,000 | | |
| The Mount Vernon | | | |
| 8" x 8' | 10,000 | | N/A |
| 8" x 9' | 10,000 | | N/A |
| 8" x 10' | 10,000 | | N/A |
| 10" x 8' | 10,000 | | N/A |
| 10" x 9' | 10,000 | | N/A |
| 10" x 10' | 10,000 | | N/A |
| 12" x 8' | 10,000 | | N/A |
| 12" x 9' | 10,000 | | N/A |
| 12" x 10' | 10,000 | | N/A |
| 12" x 12' | 10,000 | | N/A |
| 14" x 10' | 10,000 | | N/A |
| 14" x 12' | 10,000 | | N/A |
| 14" x 14' | 10,000 | | N/A |
| Square Tuscan | | | |
| 6" x 8' | 10,000 | | N/A |
| 6" x 10' | 10,000 | | N/A |
| 8" x 8' | 10,000 | | |
| 8" x 9' | 10,000 | | |
| 8" x 10' | 10,000 | | |
| 10" x 8' | 10,000 | | |
| 10" x 9' | 10,000 | | |
| 10" x 10' | 10,000 | | |
| 12" x 8' | 10,000 | | |
| 12" x 9' | 10,000 | | |
| 12" x 10' | 10,000 | | |
| 12" x 12' | 10,000 | | |
| 14" x 8' | 10,000 | | N/A |
| 14" x 10' | 10,000 | | N/A |
| 14" x 12' | 10,000 | | N/A |
| 14" x 14' | 10,000 | | N/A |
| 16" x 10' | 10,000 | | N/A |
| 16" x 12' | 10,000 | | N/A |
| 16" x 14' | 10,000 | | N/A |
| 16" x 18' | 10,000 | | N/A |
| 18" x 18' | 10,000 | | N/A |
| The Norfolk (Square Tapered) | | | |
| 9" x 4' | 5,000 | | N/A |
| 10" x 5'6" | 10,000 | | N/A |
| 10" x 7' | 10,000 | | N/A |
| 14" x 9' | 10,000 | | N/A |
| 16" x 4'10" | 10,000 | | N/A |
| 16" x 5' | 10,000 | | N/A |
| 16" x 6' | 10,000 | | N/A |
| 16" x 8' | 10,000 | | N/A |
| <i>*These sizes are not available with an astragal.</i> | | | |
| Knee Wall | | | |
| 8" x 5' 6" | 10,000 | | |
| 10" x 7' 0" | 14,000 | N/A | |
| 18" x 6' 4" | 20,000 | | N/A |
| Round Non-Tapered Tuscan | | | |
| 8" x 8' | 10,000 | | N/A |
| 10" x 4' | 14,000 | | N/A |
| 10" x 8' | 14,000 | | N/A |
| 10" x 10' | 14,000 | | N/A |
| 12" x 8' | 18,000 | | N/A |
| 12" x 9' | 18,000 | | N/A |
| 12" x 10' | 18,000 | | N/A |
| 12" x 12' | 18,000 | | N/A |
| 14" x 12' | 20,000 | | N/A |
| 18" x 20' | 20,000 | | N/A |
| 20" x 12' | 20,000 | | N/A |



•These sizes are not available with an astragal.
Prices subject to change without notice.

PREMIER CUSTOM COLLECTION • POLYSTONE™



Design No. 284
Contemporary
(Non-Tapered)

Design No. 280
Art Deco
(Non-Tapered)
(available tapered)

The PolyStone™ Contemporary Column

The PolyStone™ Contemporary Column is available with a non-tapered shaft. They are simple, yet beautiful, with emphasis on superb styling, from the mirror-image capital at the top to the base molding at the bottom.

The PolyStone™ Art Deco Column

Though the Art Deco style was influenced by “modernism”, it also took some ideas from the ancient geometrical design styles from Egypt, Assyria and Persia. The PolyStone™ Art Deco Column uses the geometrical order and is simple in format. It works equally well with traditional or modern decor.

| POLYSTONE™ ART DECO & CONTEMPORARY | | | |
|---|------------------------|----------|--------------|
| Size | Shaft Weight (lbs.) | Art Deco | Contemporary |
| 8" x 8' | 69 | | |
| 8" x 10' | 79 | | |
| 10" x 8' | 96 | | |
| 10" x 10' | 116 | | |
| 12" x 8' | 139 | | |
| 12" x 10' | 157 | | |
| 12" x 12' | 165 | | |
| 14" x 8' | 194 | | |
| 14" x 10' | 220 | | |
| 14" x 12' | 225 | | |
| 14" x 14' | 233 | | |
| 16" x 8' | 223 | | |
| 16" x 10' | 246 | | |
| 16" x 12' | 272 | | |
| 16" x 14' | 287 | | |
| 16" x 16' | 317 | | |
| 16" x 18' | 376 | | |
| Cast Fiber (more like shaft material) capital & base sets available for an additional charge. | | | |



PHOTOGRAPHY: PHILLIP ENNIS

COLOSSAL COLUMNS™ • FIBERGLASS

DESIGN

Our **Colossal Column** combines the classic column design of the past with the innovative technology of today. These magnificent columns become the focal point of any structure.

CONSTRUCTION MATERIALS

Column Shafts - Our column shafts are made from a special mixture of fiberglass and polymers creating lightweight yet durable columns. Our Colossal Columns are available with tapered and non-tapered shafts in select sizes with an astragal (bead). They are available plain or fluted in most sizes. Custom molds can be made for your unique specifications for an additional charge.

Capitals - Plain and decorative capitals are available and are made of the same material as the shafts.

MANUFACTURING PROCESS

The Colossal Column is made using our signature laminating procedure. Each layer of fiberglass is hand-set by our expert craftsmen, the result being a lightweight product with superior strength and beauty.

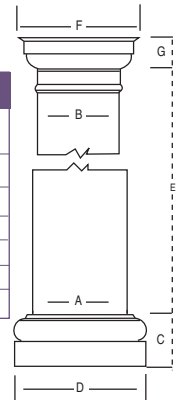
CONSTRUCTION DETAILS

A 20" x 20" column weighs 550 pounds in wood, but only 176 pounds using our laminating process. Compression strength for a 20" column in wood is 20,000 pounds, but for the Colossal Column it is **up to 35,000 pounds**. The Colossal is low maintenance, impervious to wet and dry rot, insects and splitting.

Prior to shipping, each Colossal Column is hand-sanded and primed and ready for a quality paint*. Our Colossal Column is unique in that it can be filled with Quickcrete® to "sound" and "feel" more solid when touched. But our Colossal Column is load-bearing, and *does not necessarily* need to be filled. When shipping, we wrap the columns in a foam material that is soft and the columns rarely get damaged. Surface scratches and nicks can be easily repaired using Bondo®. *Chadsworth recommends the use of polyurethane (automotive) paint.

| COLUMN DIMENSIONS - IN INCHES | | | | | | | |
|-------------------------------|-------------|----------|--------------|--------|----------------|------------|------|
| COLUMN DIA. | BOTTOM DIA. | TOP DIA. | BASE/ PLINTH | PLINTH | OVERALL HEIGHT | SQUARE CAP | |
| | A | B | C | D | E | F | G |
| 18 | 18 | 15 1/4 | 9 5/8 | 24 1/4 | 20' | 21 1/2 | 51/8 |
| 20 | 20 | 16 1/4 | 10 3/4 | 27 | 24' | 24 1/4 | 55/8 |
| 22 | 22 | 18 1/4 | 12 1/8 | 29 3/4 | 24' | 26 1/2 | 61/4 |
| 24 | 24 | 20 1/4 | 13 1/4 | 32 1/2 | 26' | 28 3/4 | 67/8 |
| 30 | 30 | 25 1/4 | 16 1/2 | 40 1/2 | 24' | 35 3/4 | 85/8 |

All columns have a 1/8" tolerance on all dimensions. Pricing available by quote only. Please call for more details.



PHOTOGRAPHY: BARBARA HEDDINGER

| LOAD-BEARING CAPACITY | | | | NOTE: <i>If requested, we can reinforce our columns with a load-bearing capacity of up to 80,000 pounds.</i> |
|-----------------------|----------------|--------------|------------------|---|
| Bottom Diameter | Overall Height | Top Diameter | Load-Bearing Cap | |
| 18" | 7-20' | 15 1/2 | 12,000 | |
| 20" | 8-22' | 16 3/4 | 13,000 | |
| 22" | 13-24' | 18 1/4 | 14,000 | |
| 24" | 20-26' | 20 | 14,000 | |
| 30" | 24-28' | 25 3/8 | 15,000 | |
| 32" | 26-34' | 26 | 15,000 | |
| 36" | 21-26' | 29 7/8 | 15,000 | |

BUNGALOW COLUMNS • PVC



Design No. 372
Raised Panel

The Bungalow

The Bungalow Column is made of Cellular Polyvinyl Chloride, which is unaffected by moisture and insects, and has the thickness, "ease of use" and workability of wood. Tapered Bungalow Columns are made to *your design specifications* and built for *your specific* Craftsman Style house. The degree of the taper, shaft length and face style are variable and afford you unlimited design possibilities!



PHOTOGRAPHY: COURTESY OF MICHAEL BUCHANAN, DESIGNER

CAPITAL & BASE THICKNESS

| | | | | | | | |
|-------------------|---|--|---|--|---|--|---|
| 1.875 OPTIONAL | * | | * | | * | | * |
| 1.250 OPTIONAL | * | | * | | * | | * |
| .625 STANDARD | * | | * | | * | | * |
| .625 STANDARD | * | | * | | * | | * |
| 1.250 OPTIONAL | * | | * | | * | | * |
| 1.875 OPTIONAL | * | | * | | * | | * |

Bungalow Columns • PVC

| Size | Plain | Raised | Recessed |
|---|-------|--------|----------|
| 12" x 4' | | | |
| 12" x 6' | | | |
| 12" x 8' | | | |
| 12" x 10' | | | |
| 14" x 4' | | | |
| 14" x 6' | | | |
| 14" x 8' | | | |
| 14" x 10' | | | |
| 16" x 4' | | | |
| 16" x 6' | | | |
| 16" x 8' | | | |
| 16" x 10' | | | |
| 18" x 4' | | | |
| 18" x 6' | | | |
| 18" x 8' | | | |
| 18" x 10' | | | |
| 20" x 4' | | | |
| 20" x 6' | | | |
| 20" x 8' | | | |
| 20" x 10' | | | |
| 22" x 4' | | | |
| 22" x 6' | | | |
| 22" x 8' | | | |
| 22" x 10' | | | |
| 24" x 4' | | | |
| 24" x 6' | | | |
| 24" x 8' | | | |
| 24" x 10' | | | |
| Other sizes available. Prices subject to change without notice. Prices include standard capital & base (CA/BA-1) | | | |



BUNGALOW CAPITALS & BASES • OPTIONS & SPECIFICATIONS

| CA/BA-1 | CA/BA-2 | CA/BA-3 | CA/BA-4 | CA/BA-5 | CA/BA-6 | CA/BA-7 |
|---------|---------|---------|---------|---------|---------|---------|
| | | | | | | |
| | | | | | | |
| W + 3" | W + 2" | W + 2" | W + 2" | W + 2" | W + 4" | W + 4" |

Width of capital **or** base equals width of the top **or** bottom of shaft **plus the inches** listed above. Capital and base molding available in varying degrees of thickness.

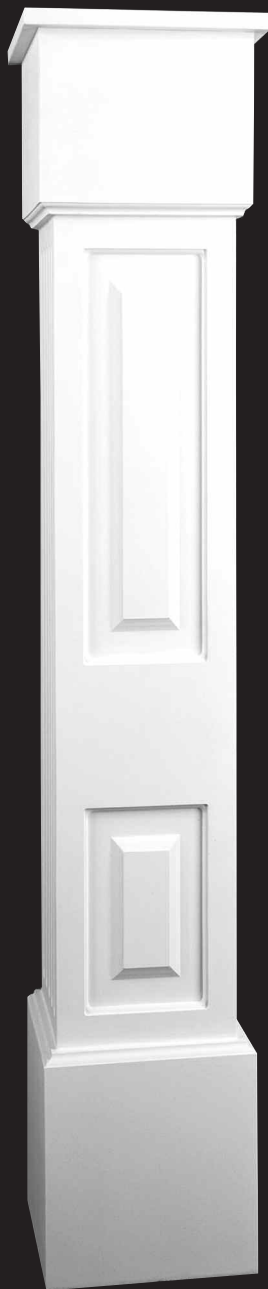
BOXED COLUMNS • PVC

The Boxed Column

The Boxed Column is made of Cellular Polyvinyl Chloride, which is unaffected by moisture and insects, and like the Bungalow, has the thickness, "ease of use" and workability of wood. The Boxed Column comes in standard shaft widths from 5-24 inches, and standard lengths from 3-18 feet. They are available with plain, fluted, raised or recessed panels. Because they are made of PVC, they will not flake or "bleed" when painted. The Boxed Column is easy to tie into a railing or balustrade to give your porch or stairway a polished look. They offer a great look for a great price!



**Design No. 383
Raised Panel**



**Design No. 384
Split-Raised
Panel**

Also available in Plain, Recessed, and Split-Recessed Panel Designs.



PHOTOGRAPHY: BARBARA HEDDINGER



PHOTOGRAPHY: COURTESY OF MICHAEL BUCHANAN, DESIGNER

BOXED COLUMNS • PVC

Boxed Columns • PVC

| Size | Plain | Fluted | Raised | Recessed |
|--|-------|--------|--------|----------|
| 6" x 4' | | | | |
| 6" x 8' | | | | |
| 6" x 10' | | | | |
| 6" x 12' | | | | |
| 8" x 8' | | | | |
| 8" x 10' | | | | |
| 8" x 12' | | | | |
| 8" x 14' | | | | |
| 10" x 8' | | | | |
| 10" x 10' | | | | |
| 10" x 12' | | | | |
| 10" x 14' | | | | |
| 10" x 16' | | | | |
| 12" x 8' | | | | |
| 12" x 10' | | | | |
| 12" x 12' | | | | |
| 12" x 14' | | | | |
| 12" x 16' | | | | |
| 14" x 8' | | | | |
| 14" x 10' | | | | |
| 14" x 12' | | | | |
| 14" x 14' | | | | |
| 14" x 16' | | | | |
| 16" x 10' | | | | |
| 16" x 12' | | | | |
| 16" x 14' | | | | |
| 16" x 16' | | | | |
| 16" x 18' | | | | |
| 18" x 10' | | | | |
| 18" x 12' | | | | |
| 18" x 14' | | | | |
| 18" x 16' | | | | |
| 18" x 18' | | | | |
| 20" x 12' | | | | |
| 20" x 14' | | | | |
| 20" x 16' | | | | |
| 20" x 18' | | | | |
| 22" x 12' | | | | |
| 22" x 14' | | | | |
| 22" x 16' | | | | |
| 22" x 18' | | | | |
| 24" x 12' | | | | |
| 24" x 14' | | | | |
| 24" x 16' | | | | |
| 24" x 18' | | | | |
| Other sizes available. Prices subject to change without notice. Prices include standard capital & base collar. | | | | |



Design No. 382
Split-Fluted
Panel

Design No. 381
Fluted Panel

COLONIAL™ & CLASSIC™ COLUMNS • WOOD

DESIGN

Our round **Colonial** stock columns have a continual Greek Doric taper and a double stock bead. **Classic** stock columns have a Vignola Taper of 1/3 - 2/3 giving the column a proper entasis and a classic bead. Both styles are available with plain or fluted shafts. Each architectural column comes complete with capital and base.

CONSTRUCTION MATERIALS

Column Shafts - Our column shafts are made from the finest kiln-dried, finger-jointed pine, poplar, or Clear Heart Redwood and Western Red Cedar. Many options are available that are not listed in our price sheet, i.e., a variety of column heights and nominal diameters. **Colonial** columns are available with a choice of tapered or non-tapered shafts with or without an astragal (bead). Half-rounds can be ordered to match full columns. Column halves, for reassembly around an existing support for a decorative detail, are also available. There are various ways that we can cut columns, i.e., in halves, three quarters, outside corners, etc. These special cuts can be ordered with fluting.

Capitals - Our plain capitals are polyurethane. You may order capitals in the same wood species as the shaft for an upcharge. Our decorative capitals are molded using a plaster/fiberglass blend and are available in most column sizes. Their fine detailing will enhance any column. We offer a wide range of capital sizes that are not listed on our price sheet. **Call for any capital size or style that you do not see on our list.**

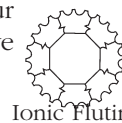
Base Moldings and Plinths - On small columns, base moldings and plinths are polyurethane. For an additional charge, wooden base moldings and plinths are available. Our two-piece wooden base is connected at our factory for your convenience. On columns with 22" base diameters or larger, we provide fiberglass bases and plinths. For an upcharge, wooden bases and plinths are available for interior use and cast marble bases and aluminum plinths are available for exterior use.

MANUFACTURING PROCESS

Shaft Construction - Using tongue and groove construction for perfect alignment, our finger-jointed shafts are assembled with Type-1 waterproof glue. To assure consistent pressure, we apply bands during the drying process. Shafts are put on a lathe to create the continual Greek Doric taper for **Colonial** columns and the 1/3 - 2/3 taper for the **Classic** columns and to form the astragal. A specially designed router is used for the fluting.

Shaft Design - For more decorative purposes, many of our customers choose an Ionic fluted shaft instead of our plain shaft. Our stock column fluting has a continual depth and begins 5" down from the astragal and 10 3/4" (small) and 5" (large) up from the bottom of the shaft. We can alter the

distance of the flutes from the bottom of the shaft for variations in our smaller columns and for use with our decorative composition capitals. Our consultants will be happy to give you alteration charges.



Ionic Fluting

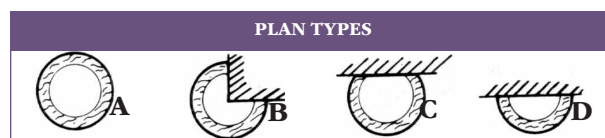


Plain Shaft

Finishing - Columns are machine sanded and will require finish sanding, priming and possible filling. They may be factory sanded and primed for an additional charge. Do not use a primer containing zinc on redwood columns. After final inspection, columns are secured with styrofoam collars and placed in corrugated boxes.

Round Non-tapered Nominal Shafts - These shafts are available on small **Colonial** columns. Please call for current prices; their higher price reflects the additional lumber used and the time to reprogram the lathes.

Splitting - Our **Colonial** and **Classic** round columns may be split to use as half-round columns or to enclose existing structural beams. Other designs may require more cuts per column. The plan type that you select determines the number of cuts needed. Please call our office for splitting charges.



CONSTRUCTION DETAILS

Load-bearing Capacity - Columns may be used for structural support as well as for decorative purposes. For this reason, you may want to know the amount of weight they will bear, referred to as load-bearing capacity. That capacity is directly related to the surface area of the lumber used, the length of the column and the compression strength of the particular wood species. The table below shows some sample load-bearing capacities. Please contact us for an individualized estimate of the load-bearing capacities of any columns you wish to order.

Stave Thickness - The thickness of the stave is an important indicator of a column's strength, and of course, the thickness influences the price. A stave that is too thin will not lend proper support or withstand the rigors of architectural detail work. The table below details the stave thickness of columns before the shaft is turned.

| LOAD-BEARING CAPACITY & STAVE THICKNESS | | |
|---|---------------------|------------|
| Bottom Dia. | Stave Thickness +/- | Load (lbs) |
| 8" | 1 1/8" | 6,000 |
| 10" | 1 1/8" | 7,000 |
| 12" | 1 1/8" | 8,000 |
| 14" | 1 1/8" | 14,000 |
| 16" | 1 1/8" | 16,000 |

COLONIAL™ COLUMNS • WOOD

Type IV Design Series 400 Round Tapered Columns

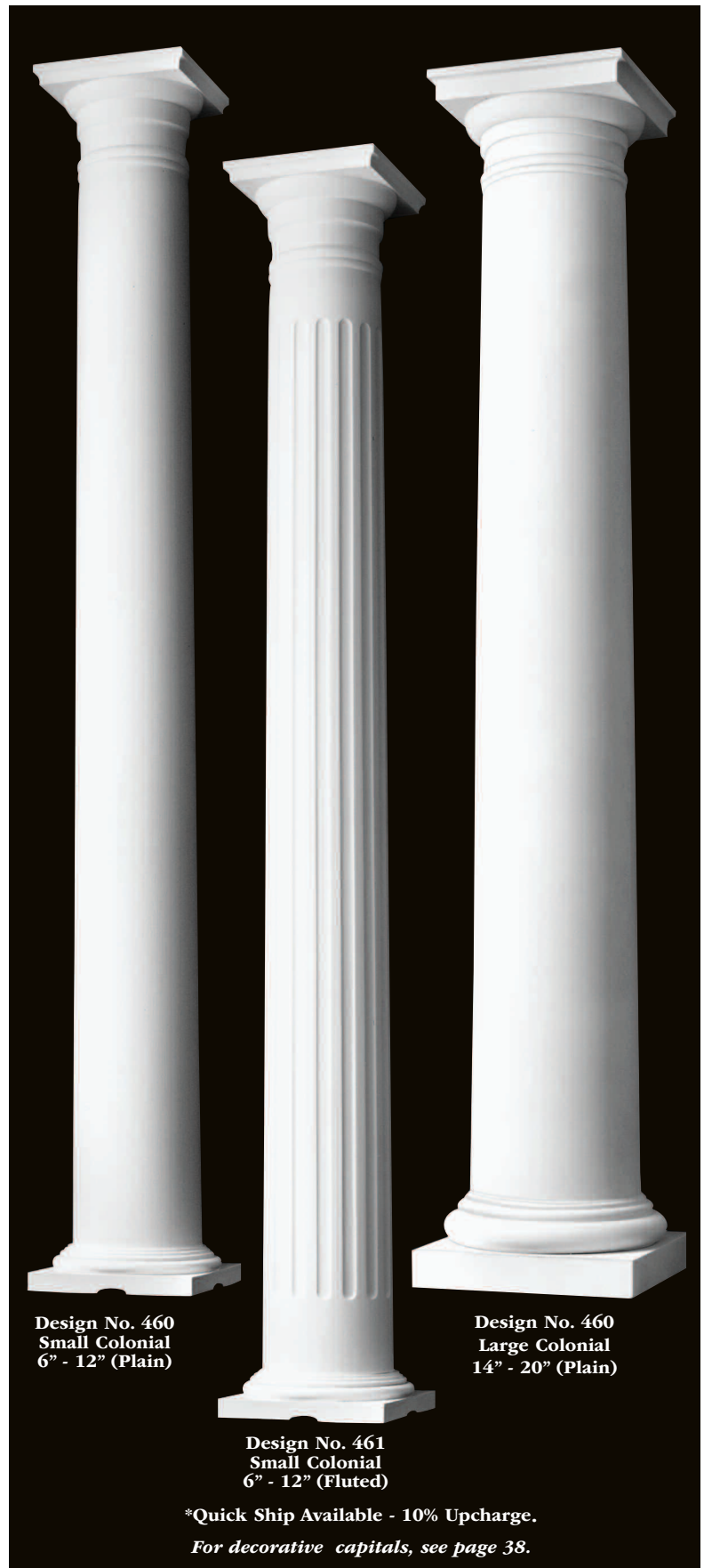
Orders under \$3,000 - add 5% handling charge.

| Bottom Diameter x Height | Shaft Weight | Pine/Poplar | | Redwood/Cedar | |
|--|-----------------|-------------|--------|---------------|--------|
| | | Plain | Fluted | Plain | Fluted |
| These columns can be cut to smaller overall heights. | | | | | |
| 6" x < 8' | 25 | | | | |
| * 6" x 8' | 27 | | | | |
| * 6" x 9' | 27 | | | | |
| * 6" x 10' | 31 | | | | |
| 8" x < 8' | 35 | | | | |
| * 8" x 8' | 35 | | | | |
| * 8" x 9' | 41 | | | | |
| * 8" x 10' | 46 | | | | |
| * 8" x 12' | 50 | | | | |
| 10" x < 8' | 45 | | | | |
| * 10" x 8' | 45 | | | | |
| * 10" x 9' | 51 | | | | |
| * 10" x 10' | 56 | | | | |
| * 10" x 12' | 67 | | | | |
| 10" x 14' | 125 | | | | |
| * 12" x 8' | 55 | | | | |
| * 12" x 9' | 62 | | | | |
| * 12" x 10' | 69 | | | | |
| * 12" x 12' | 74 | | | | |
| * 12" x 14' | 175 | | | | |
| * 12" x 16' | 194 | | | | |
| * 14" x 8' | 137 | | | | |
| * 14" x 9' | 149 | | | | |
| * 14" x 10' | 158 | | | | |
| * 14" x 12' | 179 | | | | |
| * 14" x 14' | 200 | | | | |
| 14" x 16' | 220 | | | | |
| 14" x 18' | 241 | | | | |
| * 16" x 8' | 180 | | | | |
| * 16" x 9' | 192 | | | | |
| * 16" x 10' | 204 | | | | |
| * 16" x 12' | 227 | | | | |
| 16" x 14' | 250 | | | | |
| 16" x 16' | 273 | | | | |
| * 16" x 18' | 295 | | | | |
| * 16" x 20' | 319 | | | | |
| 18" x 8' | 213 | | | | |
| 18" x 9' | 227 | | | | |
| 18" x 10' | 239 | | | | |
| 18" x 12' | 265 | | | | |
| 18" x 14' | 292 | | | | |
| 18" x 16' | 318 | | | | |
| * 18" x 18' | 345 | | | | |
| * 18" x 20' | 371 | | | | |
| 20" x 12' | 340 | | | | |
| 20" x 14' | 372 | | | | |
| 20" x 16' | 400 | | | | |
| 20" x 18' | 430 | | | | |
| 20" x 20' | 460 | | | | |
| 20" x 22' | 483 | | | | |

Overall length includes the capital, base and plinth.

Prices subject to change without notice.

Due to our continued effort to improve our product, sometimes designs will vary slightly.



***Quick Ship Available - 10% Upcharge.**

For decorative capitals, see page 38.

CLASSIC™ COLUMNS • WOOD

Type III Design Series 300

Round Tapered Columns

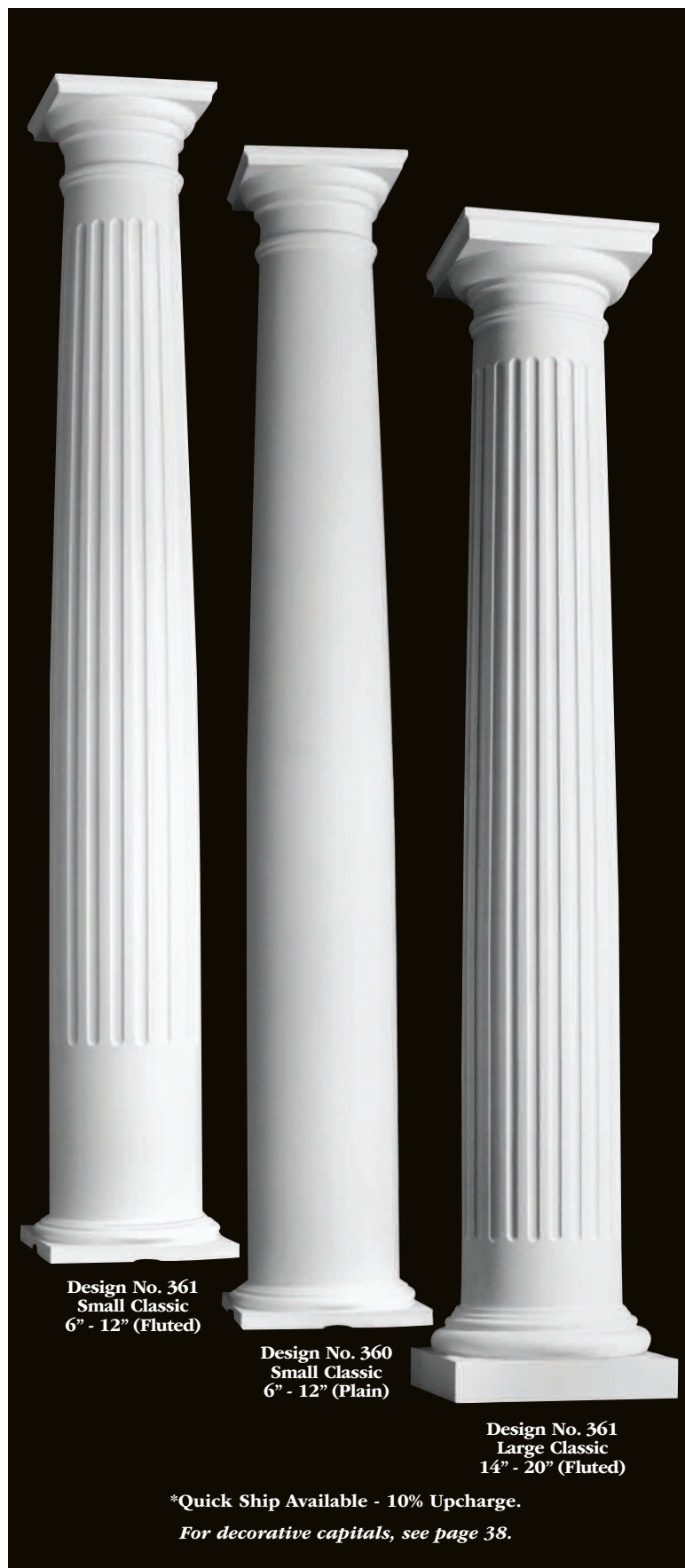
Orders under \$3,000 - add 5% handling charge.

| Bottom Diameter x Height | Shaft Weight | Hemlock/Pine/Fir | | Redwood/Cedar | |
|--|-----------------|------------------|--------|---------------|--------|
| | | Plain | Fluted | Plain | Fluted |
| These columns can be cut to smaller overall heights. | | | | | |
| 6" x < 8' | 26 | | | | |
| * 6" x 8' | 26 | | | | |
| * 6" x 9' | 29 | | | | |
| * 6" x 10' | 34 | | | | |
| 8" x < 8' | 33 | | | | |
| * 8" x 8' | 33 | | | | |
| * 8" x 9' | 38 | | | | |
| * 8" x 10' | 45 | | | | |
| * 8" x 12' | 49 | | | | |
| 10" x < 8' | 46 | | | | |
| * 10" x 8' | 46 | | | | |
| * 10" x 9' | 49 | | | | |
| * 10" x 10' | 54 | | | | |
| * 10" x 12' | 56 | | | | |
| 10" x 14' | 125 | | | | |
| * 12" x 8' | 46 | | | | |
| * 12" x 9' | 51 | | | | |
| * 12" x 10' | 54 | | | | |
| * 12" x 12' | 76 | | | | |
| 12" x 14' | 175 | | | | |
| 12" x 16' | 194 | | | | |
| 14" x 8' | 137 | | | | |
| 14" x 9' | 149 | | | | |
| 14" x 10' | 158 | | | | |
| 14" x 12' | 179 | | | | |
| 14" x 14' | 200 | | | | |
| 14" x 16' | 220 | | | | |
| 14" x 18' | 241 | | | | |
| 16" x 8' | 180 | | | | |
| 16" x 9' | 192 | | | | |
| 16" x 10' | 204 | | | | |
| 16" x 12' | 227 | | | | |
| 16" x 14' | 250 | | | | |
| 16" x 16' | 273 | | | | |
| 16" x 18' | 295 | | | | |
| 16" x 20' | 319 | | | | |
| 18" x 8' | 218 | | | | |
| 18" x 9' | 232 | | | | |
| 18" x 10' | 243 | | | | |
| 18" x 12' | 270 | | | | |
| 18" x 14' | 297 | | | | |
| 18" x 16' | 324 | | | | |
| 18" x 18' | 350 | | | | |
| 18" x 20' | 376 | | | | |
| 20" x 12' | 340 | | | | |
| 20" x 14' | 370 | | | | |
| 20" x 16' | 400 | | | | |
| 20" x 18' | 430 | | | | |
| 20" x 20' | 460 | | | | |
| 20" x 22' | 490 | | | | |

Overall length includes the capital, base and plinth.

Prices subject to change without notice.

Due to our continued effort to improve our product, sometimes designs will vary slightly.

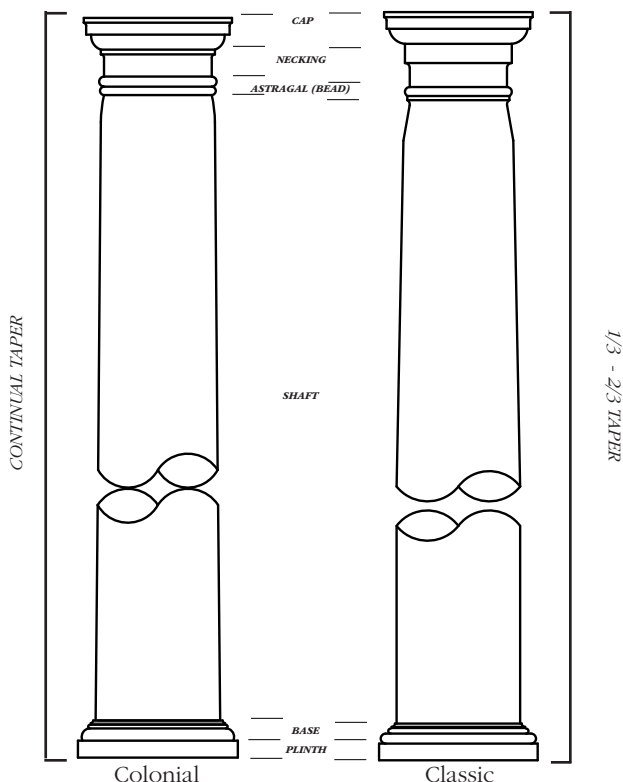


COMPARISON OF COLONIAL™ & CLASSIC™ COLUMNS • WOOD

Both column styles are available in either finger-jointed softwood or finger-jointed Clear Heart Redwood or Western Red Cedar. The Clear Heart Redwood and Western Red Cedar columns are naturally resistant to rot and insect infestation.

High density polyurethane capitals and bases are included with **Colonial** and **Classic** columns 6" - 20" in diameter. Fiberglass capitals, bases and plinths are standard on larger **Colonial** and **Classic** columns. Wooden capitals and bases and aluminum plinths are available upon request for an additional charge.

The small (6" - 12", 8' - 12') **Colonial** columns are offered in our quick-ship program. They can be shipped in 72 hours for a 10% upcharge.



SPECIAL RECOMMENDATIONS

Synthetic Flashing - Flashing is required for all wooden exterior columns to prevent moisture from entering the column shaft. We will be happy to provide prices upon request.

Painting - Immediately upon arrival, paint-grade columns must be primed, and then it is imperative that two coats of oil-based paint be applied to these primed columns. Do not use a primer containing zinc on redwood columns. **Do not prime or paint columns to be stained.**

Exterior Column Ventilation - Adequate ventilation must be provided at the top of the column by a vented recessed soffit. Ventilation must be provided at the bottom of the column by the plinth or plates. **This ventilation must be maintained at all times. See installation instructions.**

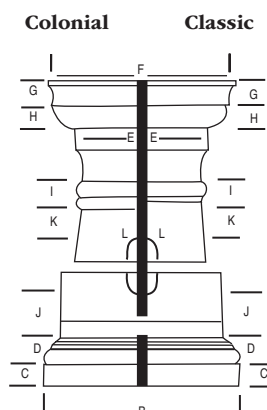
Storage - We do not recommend storage of wooden columns. If your columns must be stored prior to installation, they must be kept in a dry, well-ventilated place in an upright position. Prior to storage, paint-grade columns should be sanded, primed and painted.

STOCK TAPERED - COLUMN DIMENSIONS (IN INCHES)

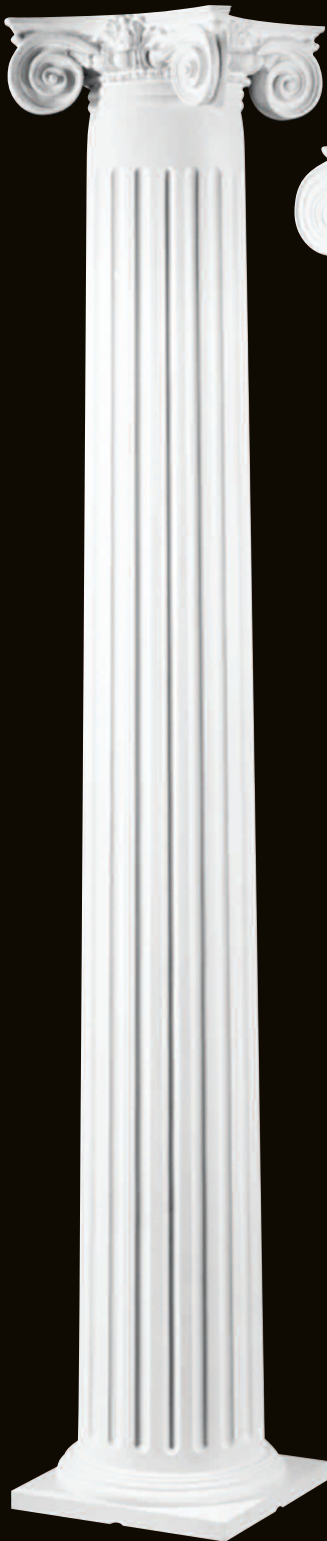
| COLUMN DIA. | BOTTOM DIA. | PLINTH | | STOCK BASE MOLD | ATTIC BASE MOLD | TOP DIA. | SQUARE CAP | | ROUND CAP | STOCK BEAD | CLASSIC BEAD | BOTTOM FLUTE | TOP FLUTE | FLUTE DIA. | INSIDE TOP INTERIOR CLEARANCE | LARGEST ROUND CLEARANCE | LARGEST SQUARE CLEARANCE |
|-------------|-------------|--------|-------|-----------------|-----------------|----------|------------|-------|-----------|------------|--------------|--------------|-----------|------------|-------------------------------|-------------------------|--------------------------|
| | A | B | C | D | D | E | F | G | H | I | I | J | K | L | | | |
| 6 | 5 1/2 | 8 | 1 1/4 | 1 1/2 | 29/16 | 43/4 | 7 1/2 | 1 1/4 | 1 1/8 | 13/8 | 13/8 | 10 3/4 | 3 1/2 | 3/4 | 23/8 | 2 1/4 | N/A |
| 8 | 7 1/4 | 9 7/8 | 1 1/4 | 1 1/2 | 3 1/4 | 6 1/4 | 9 1/2 | 1 1/4 | 1 1/8 | 13/8 | 13/8 | 10 3/4 | 3 1/2 | 15/16 | 33/4 | 3 1/2 | N/A |
| 10 | 9 1/4 | 11 7/8 | 1 1/4 | 1 1/2 | 3 7/8 | 8 | 11 | 1 1/4 | 1 1/8 | 13/8 | 13/8 | 10 3/4 | 3 1/2 | 15/16 | 5 1/2 | 5 | 3 1/2 |
| 12 | 11 1/4 | 13 3/4 | 1 1/4 | 1 1/2 | 4 1/2 | 9 1/4 | 12 | 1 1/4 | 1 1/8 | 13/8 | 13/8 | 10 3/4 | 3 1/2 | 15/16 | 6 7/8 | 6 1/2 | 4 1/2 |
| 14 | 13 5/8 | 18 3/4 | 3 3/8 | 4 | N/A | 12 | 17 1/8 | 2 3/8 | 1 5/8 | 13/8 | 13/8 | 5 | 2 3/4 | 1 1/8 | 9 | 8 1/2 | 6 |
| 16 | 15 5/8 | 21 1/2 | 3 7/8 | 4 1/2 | N/A | 13 1/2 | 19 1/4 | 2 3/4 | 1 7/8 | 13/8 | 13/8 | 5 | 2 3/4 | 1 1/4 | 10 3/4 | 10 1/4 | 7 1/2 |
| 18 | 17 5/8 | 24 1/4 | 4 1/4 | 5 3/8 | N/A | 15 | 21 1/2 | 3 | 2 1/8 | 13/8 | 13/8 | 5 | 2 3/4 | 1 1/2 | 12 1/4 | 11 1/2 | 8 1/2 |
| 20 | 19 5/8 | 27 | 4 3/4 | 6 | N/A | 17 | 24 1/4 | 3 3/8 | 2 1/4 | 13/8 | 13/8 | 5 | 2 3/4 | 1 5/8 | 14 1/4 | 13 3/4 | 9 1/2 |
| 22 | 21 5/8 | 29 3/4 | 5 1/4 | 6 7/8 | N/A | 18 1/2 | 26 1/2 | 3 3/4 | 2 1/2 | 13/8 | 13/8 | 5 | 2 3/4 | 1 3/4 | N/A | 15 1/4 | 10 1/2 |
| 24 | 23 5/8 | 32 1/2 | 5 3/4 | 7 1/2 | N/A | 20 | 28 3/4 | 4 1/8 | 2 3/4 | 13/8 | 13/8 | 5 | 2 3/4 | 1 7/8 | N/A | 16 | 11 1/4 |

All columns have a 1/8" tolerance on all dimensions. Please call for specifications on non-tapered columns.

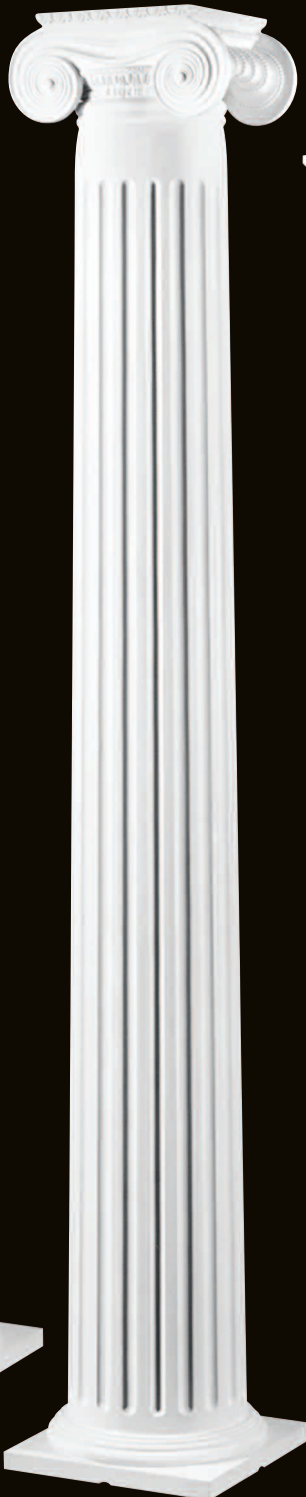
Comparison Chart



COLONIAL™ COLUMNS • WOOD



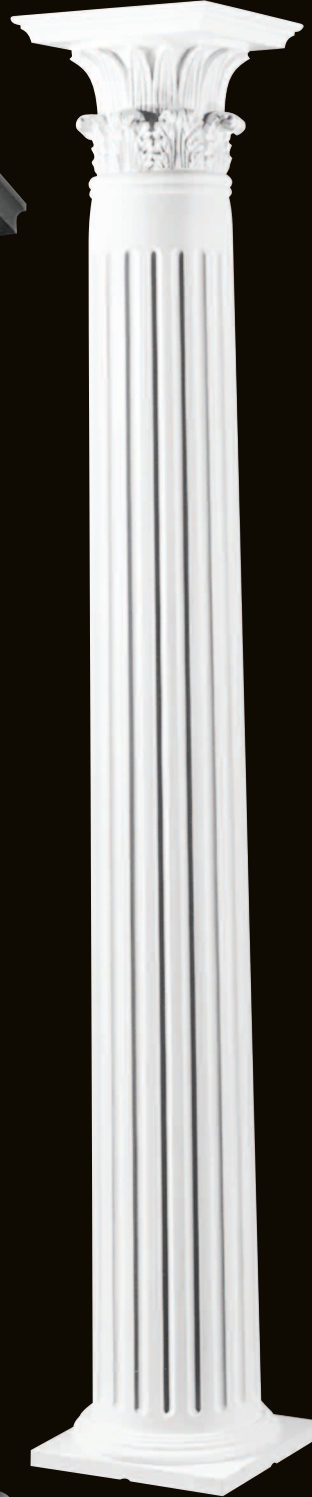
Design No. 433
Colonial Scamozzi
(Fluted)



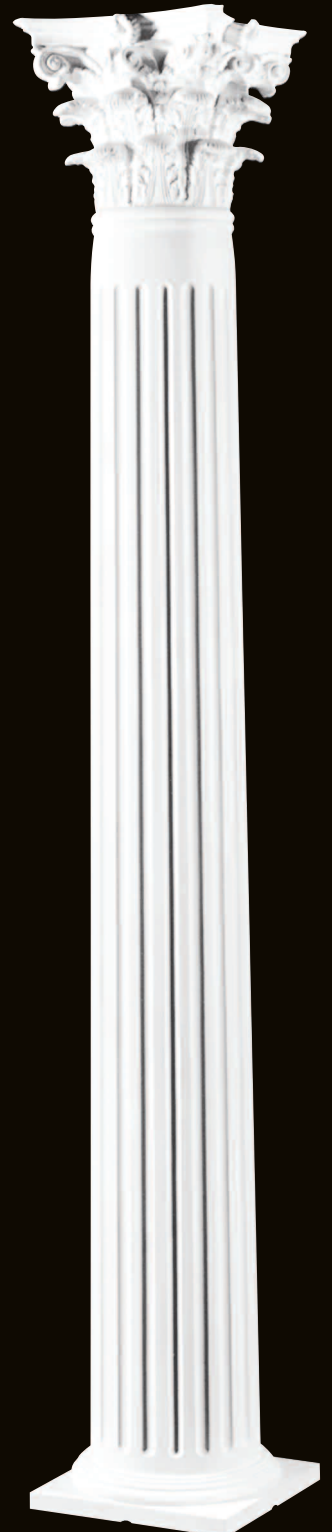
Design No. 445
Colonial Greek Erechtheum
(Fluted)



Design No. 460
Large Colonial
(Plain)

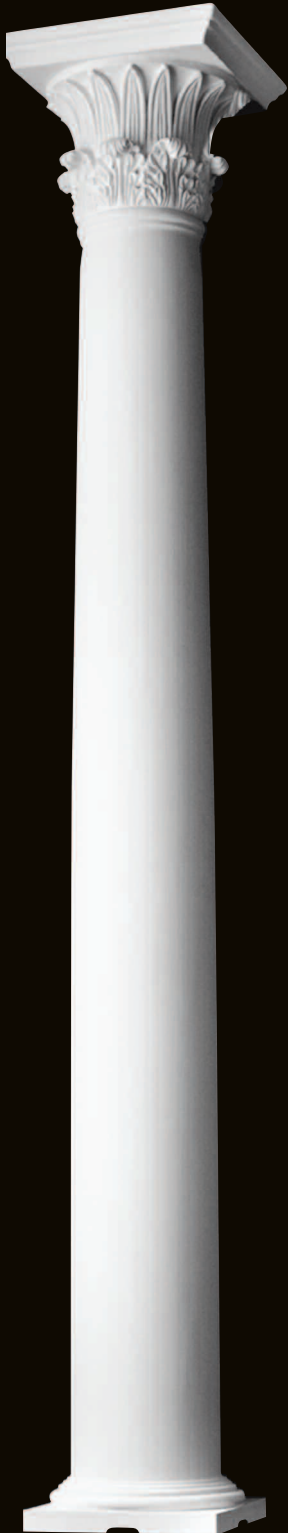


Design No. 417
Colonial Temple of Winds
(Fluted)

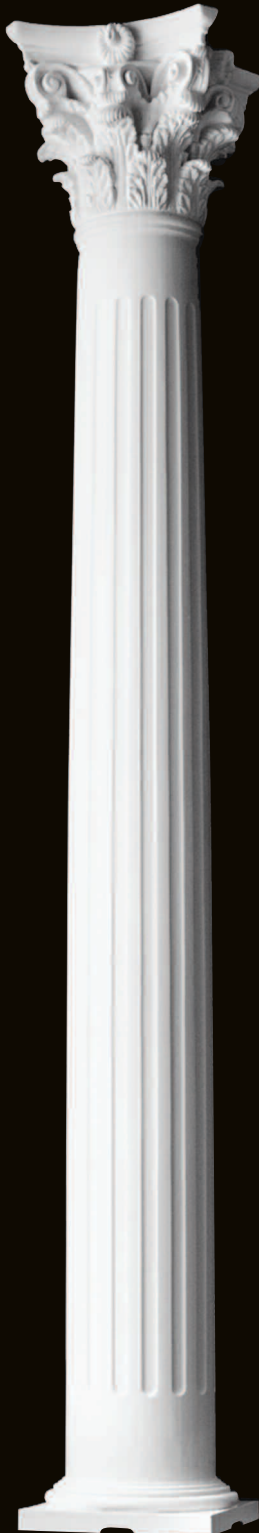


Design No. 421
Colonial Roman Corinthian
(Fluted)

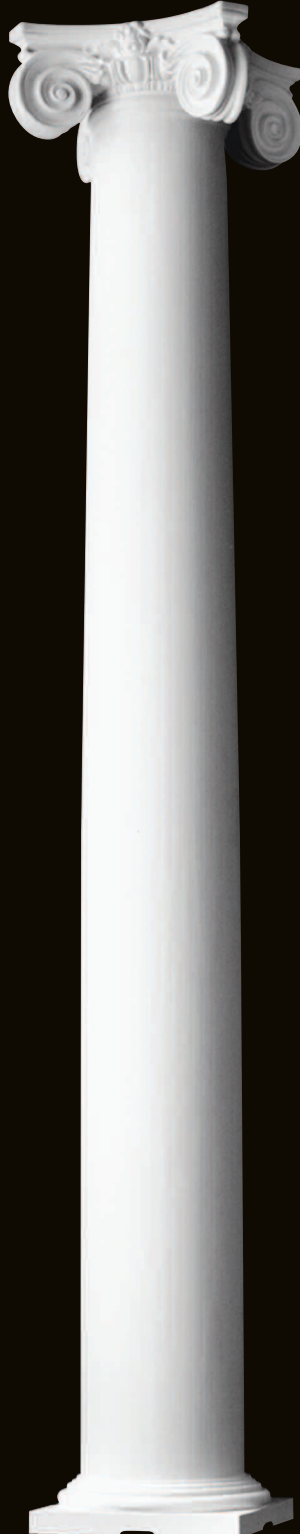
CLASSIC™ COLUMNS • WOOD



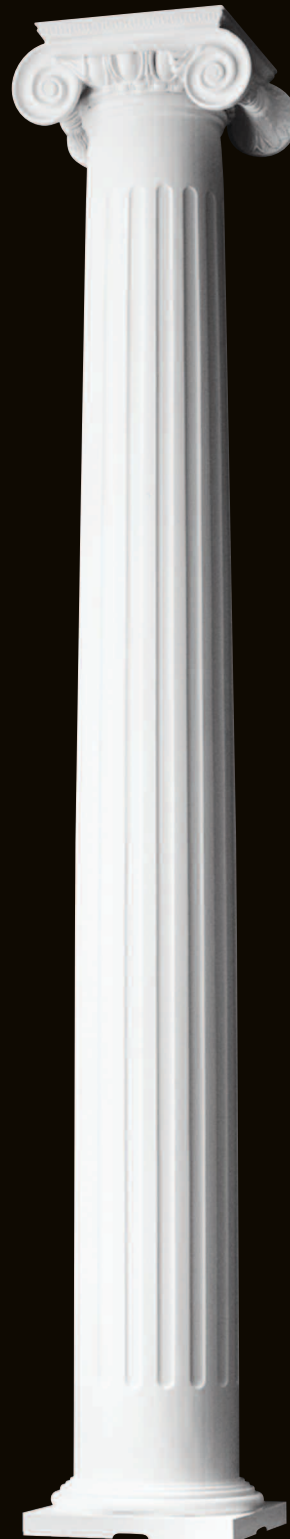
Design No. 316
Classic Temple of Winds
(Plain)



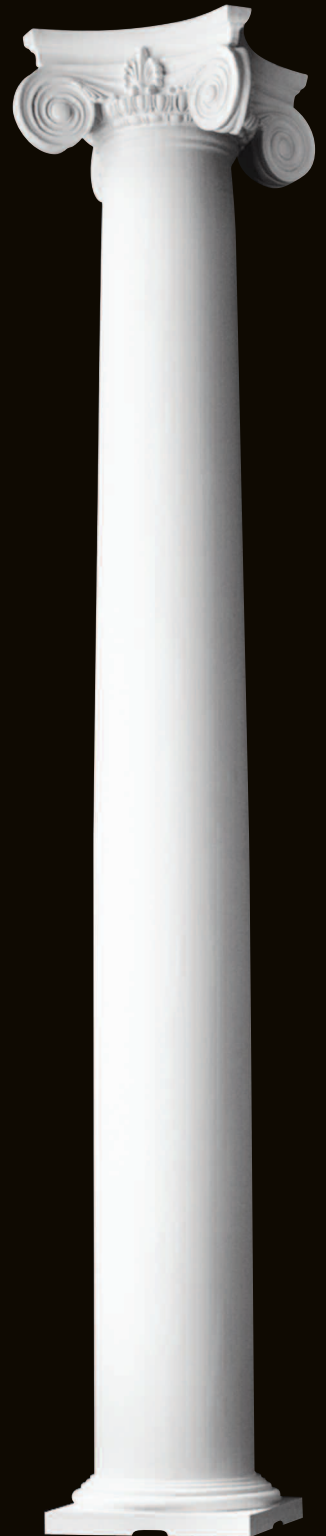
Design No. 321
Classic Roman Corinthian
(Fluted)



Design No. 332
Classic Scamozzi
(Plain)



Design No. 329
Classic Roman Ionic
(Fluted)



Design No. 336
Classic Empire
(Plain)

AUTHENTIC REPLICATION™ COLUMNS • WOOD

DESIGN

We follow the rigorous architectural guidelines for columnar orders first laid down by the Renaissance master architect, Giacomo Barozzi da Vignola, in 1563. All of our designs replicate the **exact** proportions specified by Vignola and are derived from the five original orders of architecture: Doric, Tuscan, Ionic, Corinthian and Composite.

We painstakingly replicate these classical specifications by integrating the original formulas with computerized technology to achieve a precisely proportioned finished product.

OFFERINGS

We offer Authentic Replication columns in hundreds of styles and sizes. You can select our plain (smooth) shaft or our Ionic or Doric fluted shaft. To achieve a unique look, combine our round columns with either a round or octagonal wooden plinth. All columns are available in both round and square models. Rounded or square pilasters (ornamental columns set against walls) can also be fashioned to the same dimensions as the full column styles. Column halves, for reassembly around an existing structural support or for a customized decorative use, may be ordered. Please check with our sales consultants for these custom costs.

CONSTRUCTION MATERIALS

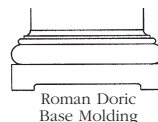
In keeping with dedication to quality, we use only the highest-grade materials to construct the various column components. We will be happy to answer any questions about the necessary column parts for your particular needs.

Column Shafts - For the Authentic Replication column shaft, we use Western Red Cedar, Clear Heart Redwood, pine, poplar, mahogany, teak or any other wood species desired. Wood materials are available in both solid board and finger-joint form. The Authentic Replication has an actual size shaft. We recommend using either finger-joint redwood or cedar for exterior column use. Solid board is a better choice for interior columns that will be stained or left natural with a clear protective finish to display the grain of the wood.

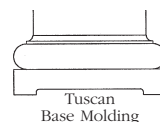
Capitals - Standard materials for 6" through 12" column capitals are polyurethane and 14" and larger column capitals are fiberglass. Wood is available for all sizes at an upcharge. Our ornamental capitals are constructed of a plaster/fiberglass blend. For interior use, we offer faux wood-grain capitals suitable for staining or painting. We also offer hand-carved wood capitals for staining. A mold can be made if you want to reproduce an existing capital.

We can replicate for historic restoration if you have as much as a quarter of the existing capital including a corner and any side design.

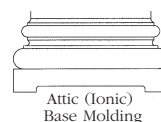
Base Molding - Standard materials for 6" through 12" bases are polyurethane and 14" and larger bases are fiberglass. For an upcharge, cast marble is available which protects the base of the column and holds paint as well as wood. Wood bases are also available for an upcharge. We offer three styles - Roman Doric, Tuscan, and Ionic (Attic) - for your selection.



Roman Doric
Base Molding



Tuscan
Base Molding



Attic (Ionic)
Base Molding

Plinth - This essential column component is the slab on which the base rests, raising the column off the ground and allowing air to circulate in the shaft's interior. On small columns 6" through 12", the base and plinth are molded in one piece using polyurethane. On large columns, plinths are fiberglass for exterior use. Cast aluminum is available for an upcharge to use with cast marble base molding on all sizes. For interior use, plinths are polyurethane on 6" through 12" and fiberglass on 14" through 36" columns. Wood is available for an upcharge.



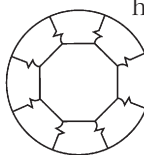
*Cincture (cove molding) may be
turned on shaft
for an additional charge.*

MANUFACTURING PROCESS

Shaft Construction - To ensure that our columns are the highest possible quality, we process each order with individualized care and attention. First, the column's height and diameter are entered into our computer which has been programmed to calculate the exact proportions necessary to produce Authentic Replication shafts.

Based on these specifications and using the most accurate milling machine in existence, our staves align perfectly when assembled into shafts. We make certain the individual column staves are properly tapered to give the correct entasis or curvature to the column shaft while maintaining a consistent thickness throughout the length.

Stave Construction - Using tongue and groove construction for perfect alignment, we assemble our shafts with high quality Type-1 waterproof glue. To guarantee a watertight bond, we place torque chains at 12-inch intervals on the shaft, applying consistent pressure for at least 16 hours. Master craftsmen turn the wooden shafts on specially designed lathes.



SPECIAL DESIGNS AND CUSTOM ORDERS

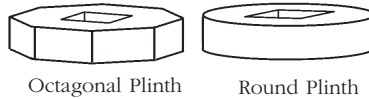
Column Styles - We can produce columns from architectural drawings, replicate columns on an existing structure and fabricate columns for historic restoration. Chadsworth offers many column options to meet your needs. Please speak with one of our sales consultants about any custom questions that you have.

Entasis - We can adjust our column entasis (or taper) to meet any architectural design. Please call a sales consultant with your requirements.

Fluting - The length and placement of the fluting can be altered to achieve many design styles. Fluting may be either the top or bottom one-third, one-half or two-thirds of the column shaft.

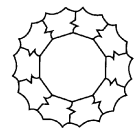
OCTAGONAL AND ROUND PLINTHS

In addition to our square wooden plinths, you may choose either an octagonal or round wooden plinth to achieve a unique style with your round columns. Please call for prices.

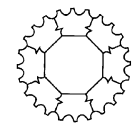


Design Details - At Chadsworth, we take great pride in the architectural detail that distinguishes our columns.

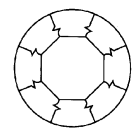
Shaft Design - Although our plain shafts remain quite popular, many of our customers select fluted shafts for decorative reasons. Fluting is an ornamental detail consisting of a series of rounded, parallel grooves incised into the length of the shaft. Our Authentic Replication flutes gradually taper up the shaft in both width and depth. As depicted below, it is available in both Doric and Ionic styles. In Ionic fluting, the grooves are deeper and more numerous than Doric fluting and are separated by small flat edges. Each fluted shaft is individually tapered to ensure consistency throughout the column. Our Authentic Replication columns have actual size shafts.



Doric Fluting

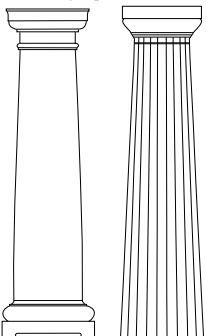


Ionic Fluting



Plain Shaft

Roman Entasis
(Begins 1/3
of the way up)



Greek Entasis
(Begins at base)

Entasis - Vignolas's classical specifications require all columns to be correctly tapered, or bowed in the center, to appear visually correct. Otherwise the column will present a crooked appearance when installed. The location and degree of this curvature called entasis, varies with the architectural order. By turning each shaft individually according to the exact specifications for that particular order, Chadsworth craftsmen are able to determine the correct entasis for each order.

Finishing - Each paint-grade Authentic Replication column is primed with three coats of oil-based primer and hand sanded between each coat. To ensure that no moisture will damage our exterior column, we "hand mop" the shaft's interior with high quality asphaltum.

During final inspection, we compare each column to the specifications of the original architectural order, measuring the correct entasis and proper proportions. We also check the finished work carefully, examining for any defects in the wood and for proper priming and coating.

Once a column meets our rigorous standards, it is carefully crated and shipped. Quality craftsmanship takes time, and production schedules can vary from month to month. Please call for current production lead time. Wooden capitals and bases for interior use and cast marble bases and aluminum plinths are available for an additional charge. Please call for these prices.

CONSTRUCTION DETAILS

Load-bearing Capacity - Columns may be used for structural support as well as for decorative purposes. Therefore, you may want to know the amount of weight they will bear, referred to as load-bearing capacity. That capacity is directly related to the surface area of the lumber used, the length of the column and the compression strength of the particular wood species. The table below shows some sample load-bearing capacities. Please contact us for an individualized estimate of the load-bearing capacities of any columns you wish to order.

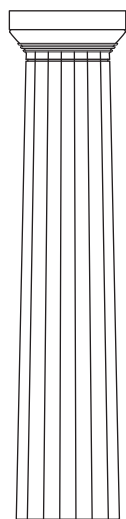
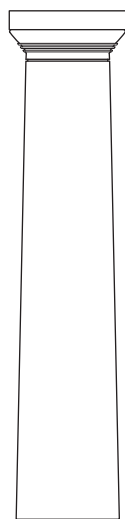
Stave Thickness - The thickness of the stave is an important indicator of a column's strength, and of course, the thickness influences the price. A stave that is too thin will not lend the proper support or withstand the rigors of architectural detail work. The table below details the stave thickness of our fluted column shafts before the shaft is turned.

| AUTHENTIC REPLICATION™ LOAD-BEARING CAPACITY AND STAVE THICKNESS | | | |
|---|--------|-----------------------|-----------------------|
| Size | | Stave Thickness | Load (lbs) |
| Bottom Diameter | Height | Authentic Replication | Authentic Replication |
| 8" | 8' | 19/16" | 6,000 |
| 12" | 8' | 2" | 14,000 |
| 16" | 14' | 2" | 16,000 |
| 20" | 16' | 2" | 18,000 |
| 24" | 18' | 3" | 22,000 |

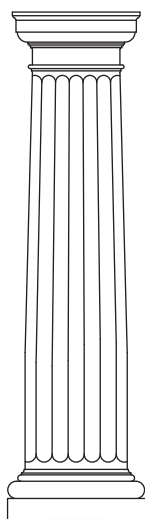
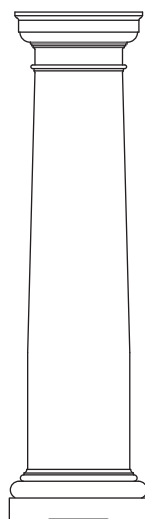
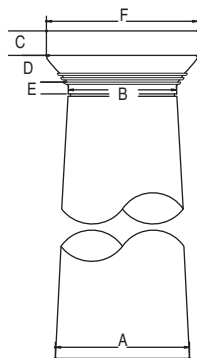


ARCHITECTURAL SPECIFICATIONS FOR AUTHENTIC REPLICATION COLUMNS • WOOD

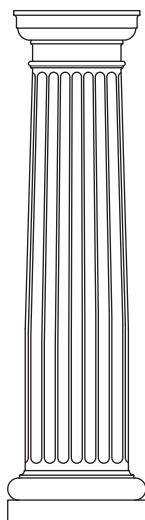
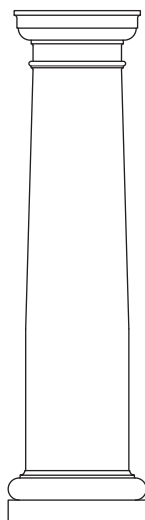
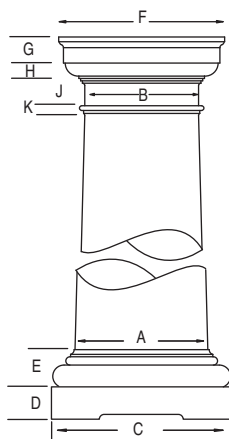
The following is for your information, but is not necessary when placing an order.
Dimensions or proportions may be changed at your discretion.



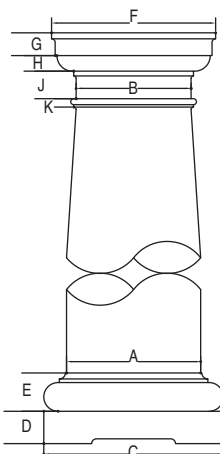
Greek Doric Order



Roman Doric Order



Tuscan Order



COLUMN DIMENSIONS (IN INCHES)

| BOTTOM DIA. | TOP DIA. | CAP SQUARE | CAP ROUND | NECK | CAP BREADTH SQUARE |
|-------------|----------|------------|-----------|-------|--------------------|
| A | B | C | D | E | F |
| 8 | 6 1/2 | 13/8 | 15/8 | 1/2 | 9 1/4 |
| 10 | 8 1/4 | 13/4 | 21/16 | 5/8 | 11 5/8 |
| 12 | 9 3/4 | 21/8 | 29/16 | 3/4 | 13 3/4 |
| 14 | 11 1/4 | 27/16 | 213/16 | 1 | 16 |
| 16 | 12 3/4 | 213/16 | 33/8 | 1 1/8 | 18 1/8 |
| 18 | 14 1/2 | 31/8 | 311/16 | 1 1/4 | 20 1/2 |
| 20 | 16 | 31/2 | 41/16 | 17/16 | 22 5/8 |
| 22 | 18 | 33/4 | 43/8 | 19/16 | 25 1/4 |
| 24 | 19 1/2 | 41/4 | 47/8 | 13/4 | 27 1/8 |
| 26 | 20 1/2 | 49/16 | 55/16 | 17/8 | 29 |
| 28 | 22 1/2 | 47/8 | 53/4 | 2 | 31 3/4 |
| 30 | 24 | 51/4 | 61/8 | 21/8 | 34 |
| 32 | 26 | 55/8 | 69/16 | 21/4 | 36 3/4 |
| 34 | 27 1/4 | 57/8 | 67/8 | 23/8 | 38 3/4 |
| 36 | 29 | 81/4 | 73/8 | 21/2 | 41 |

All columns have a 1/8" tolerance on all dimensions.

COLUMN DIMENSIONS (IN INCHES)

| BOTTOM DIA. | TOP DIA. | PLINTH | | BASE MOLD | CAP SQUARE | | CAP ROUND | NECK | ASTRAGAL |
|-------------|----------|--------|-------|-----------|------------|------|-----------|-------|----------|
| A | B | C | D | E | F | G | H | J | K |
| 6 | 5 | 8 1/2 | 1 1/2 | 13/4 | 8 | 11/8 | 7/8 | 1 1/4 | 3/4 |
| 8 | 6 1/2 | 10 3/4 | 17/8 | 23/8 | 93/4 | 11/2 | 11/8 | 15/8 | 1 |
| 10 | 8 1/2 | 133/8 | 23/8 | 3 | 121/2 | 13/4 | 13/8 | 21/16 | 11/4 |
| 12 | 10 | 161/8 | 23/4 | 37/16 | 143/4 | 23/8 | 15/8 | 21/2 | 13/8 |
| 14 | 12 | 183/4 | 33/8 | 4 | 171/2 | 23/4 | 2 | 27/8 | 11/2 |
| 16 | 13 1/2 | 211/2 | 37/8 | 47/8 | 197/8 | 31/8 | 21/4 | 33/8 | 2 |
| 18 | 15 | 241/4 | 41/4 | 55/8 | 221/4 | 31/2 | 21/2 | 33/4 | 21/8 |
| 20 | 17 | 27 | 43/4 | 61/4 | 25 | 4 | 23/4 | 41/8 | 21/4 |
| 22 | 18 1/2 | 293/4 | 51/4 | 63/4 | 273/8 | 43/8 | 3 | 41/2 | 21/2 |
| 24 | 20 | 321/2 | 53/4 | 71/2 | 293/4 | 41/2 | 31/4 | 5 | 25/8 |
| 26 | 22 | 35 | 61/4 | 81/8 | 321/2 | 51/8 | 31/2 | 53/8 | 27/8 |
| 28 | 23 1/2 | 38 | 63/4 | 85/8 | 345/8 | 51/2 | 37/8 | 57/8 | 3 |
| 30 | 25 | 401/2 | 71/4 | 93/8 | 37 | 57/8 | 41/8 | 61/4 | 31/2 |
| 32 | 27 | 433/8 | 73/4 | 10 | 391/4 | 61/4 | 41/4 | 65/8 | 35/8 |
| 34 | 28 1/2 | 46 | 81/4 | 103/4 | 421/8 | 65/8 | 45/8 | 71/8 | 33/4 |
| 36 | 30 | 483/4 | 83/4 | 111/4 | 441/8 | 7 | 5 | 71/2 | 4 |

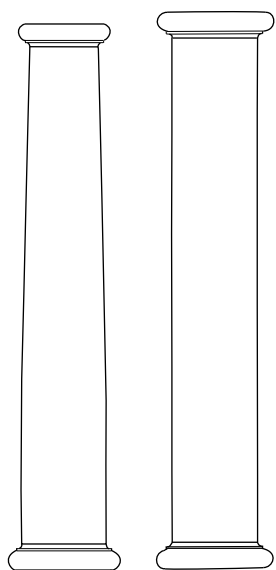
All columns have a 1/8" tolerance on all dimensions.

COLUMN DIMENSIONS (IN INCHES)

| BOTTOM DIA. | TOP DIA. | PLINTH | | BASE MOLD | CAP SQUARE | | CAP ROUND | NECK | ASTRAGAL |
|-------------|----------|--------|-------|-----------|------------|-------|-----------|-------|----------|
| A | B | C | D | E | F | G | H | J | K |
| 6 | 5 | 8 1/2 | 1 1/2 | 13/4 | 71/2 | 11/16 | 11/16 | 1 1/4 | 3/4 |
| 8 | 6 1/2 | 103/4 | 17/8 | 23/8 | 93/8 | 13/8 | 1 | 15/8 | 1 |
| 10 | 8 1/2 | 133/8 | 23/8 | 27/8 | 121/8 | 13/4 | 11/4 | 21/16 | 11/4 |
| 12 | 10 | 161/8 | 23/4 | 31/4 | 143/8 | 2 | 13/8 | 21/2 | 13/8 |
| 14 | 12 | 183/4 | 33/8 | 4 | 171/8 | 23/8 | 15/8 | 27/8 | 11/2 |
| 16 | 13 1/2 | 211/2 | 37/8 | 41/2 | 191/4 | 23/4 | 17/8 | 33/8 | 2 |
| 18 | 15 | 241/4 | 41/4 | 53/8 | 211/2 | 3 | 21/8 | 33/4 | 21/8 |
| 20 | 17 | 27 | 43/4 | 6 | 241/4 | 33/8 | 21/4 | 41/8 | 21/4 |
| 22 | 18 1/2 | 293/4 | 51/4 | 67/8 | 261/2 | 33/4 | 21/2 | 41/2 | 21/2 |
| 24 | 20 | 321/2 | 53/4 | 71/2 | 283/4 | 41/8 | 23/4 | 5 | 25/8 |
| 26 | 22 | 35 | 61/4 | 83/8 | 311/2 | 43/8 | 3 | 53/8 | 27/8 |
| 28 | 23 1/2 | 38 | 63/4 | 83/4 | 333/8 | 43/4 | 31/4 | 57/8 | 3 |
| 30 | 25 | 401/2 | 71/4 | 91/4 | 353/4 | 51/8 | 31/2 | 61/4 | 31/2 |
| 32 | 27 | 433/8 | 73/4 | 10 | 375/8 | 51/2 | 33/4 | 65/8 | 35/8 |
| 34 | 28 1/2 | 46 | 81/4 | 107/8 | 41 | 53/4 | 37/8 | 71/8 | 33/4 |
| 36 | 30 | 483/4 | 83/4 | 113/8 | 423/4 | 61/4 | 41/4 | 71/2 | 4 |

All columns have a 1/8" tolerance on all dimensions.

Contemporary

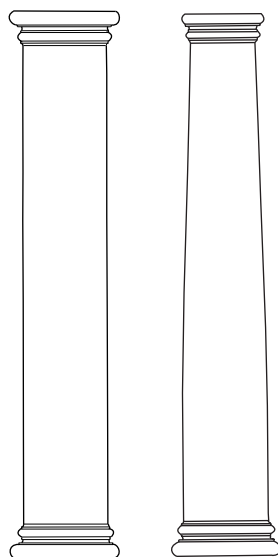


Tapered Non-Tapered

IN INCHES

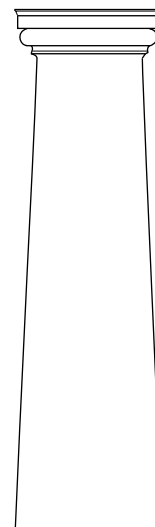
| BOTTOM DIA. | TOP DIA. NON-TAPERED | TOP DIA. TAPERED |
|-------------|----------------------|------------------|
| 8 | 8 | 6 |
| 10 | 10 | 8 |
| 12 | 12 | 10 |
| 14 | 14 | 12 |
| 16 | 16 | 14 |
| 18 | 18 | 16 |
| 20 | 20 | 18 |
| 22 | 22 | 18 |
| 24 | 24 | 20 |
| 26 | 26 | 22 |
| 28 | 28 | 24 |
| 30 | 30 | 26 |
| 32 | 32 | 27 |
| 34 | 34 | 28 |
| 36 | 36 | 30 |

Art Deco



Non-Tapered Tapered

Arlington

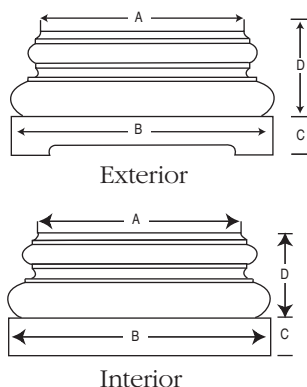


IN INCHES

| BOTTOM DIA. | SQUARE CAP |
|-------------|------------|
| 14 | 18 |
| 16 | 20 |
| 18 | 24 |
| 20 | 26 |
| 22 | 28 |
| 24 | 30 |
| 26 | 34 |
| 28 | 36 |
| 30 | 38 |
| 32 | 42 |
| 34 | 44 |
| 36 | 46 |

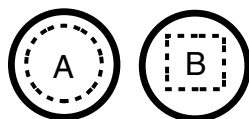
| BOTTOM DIA. | PLINTH | | BASE MOLD |
|-------------|--------|-------|-----------|
| A | B | C | D |
| 6 | 8 1/2 | 1 1/2 | 2 7/8 |
| 8 | 10 3/4 | 1 7/8 | 3 1/4 |
| 10 | 13 3/8 | 2 3/8 | 3 7/8 |
| 12 | 16 1/8 | 2 3/4 | 4 1/2 |
| 14 | 18 3/4 | 3 3/8 | 5 3/8 |
| 16 | 21 1/2 | 3 7/8 | 6 1/4 |
| 18 | 24 1/4 | 4 1/4 | 7 1/8 |
| 20 | 27 | 4 3/4 | 8 1/8 |
| 22 | 29 3/4 | 5 1/4 | 9 |
| 24 | 32 1/2 | 5 3/4 | 9 15/16 |
| 26 | 35 | 6 1/4 | 10 5/8 |
| 28 | 38 | 6 3/4 | 11 3/8 |
| 30 | 40 1/2 | 7 1/4 | 12 |
| 32 | 43 3/8 | 7 3/4 | 13 1/8 |
| 34 | 46 | 8 1/4 | 14 |
| 36 | 48 3/4 | 8 3/4 | 14 3/4 |

IONIC (ATTIC) BASE (IN INCHES)

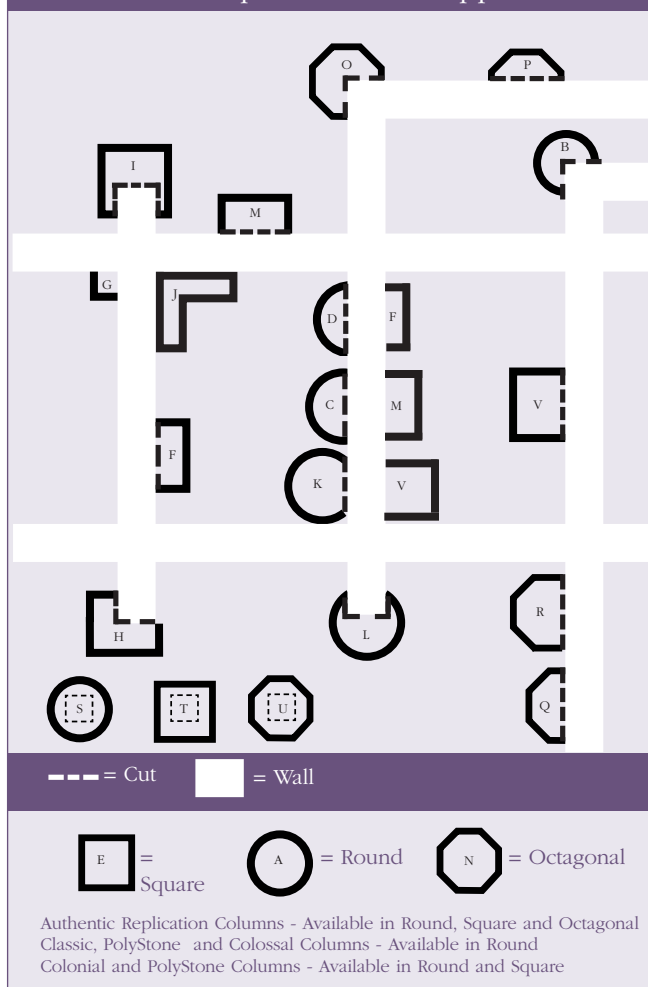


| BOTTOM DIA. | INTERIOR ROUND CLEARANCE | INTERIOR SQUARE CLEARANCE |
|-------------|--------------------------|---------------------------|
| A | B | |
| 6 | 3 | N/A |
| 8 | 3 1/2 | N/A |
| 10 | 5 | 3 1/2 |
| 12 | 6 | 4 1/2 |
| 14 | 8 | 5 1/2 |
| 16 | 9 1/2 | 7 |
| 18 | 11 | 7 1/2 |
| 20 | 13 | 9 |
| 22 | 14 1/2 | 10 |
| 24 | 14 | 10 |
| 26 | 16 | 11 |
| 28 | 17 1/2 | 12 |
| 30 | 19 | 12 |
| 32 | 21 | 12 |
| 34 | 22 1/2 | 12 |
| 36 | 24 | 12 |

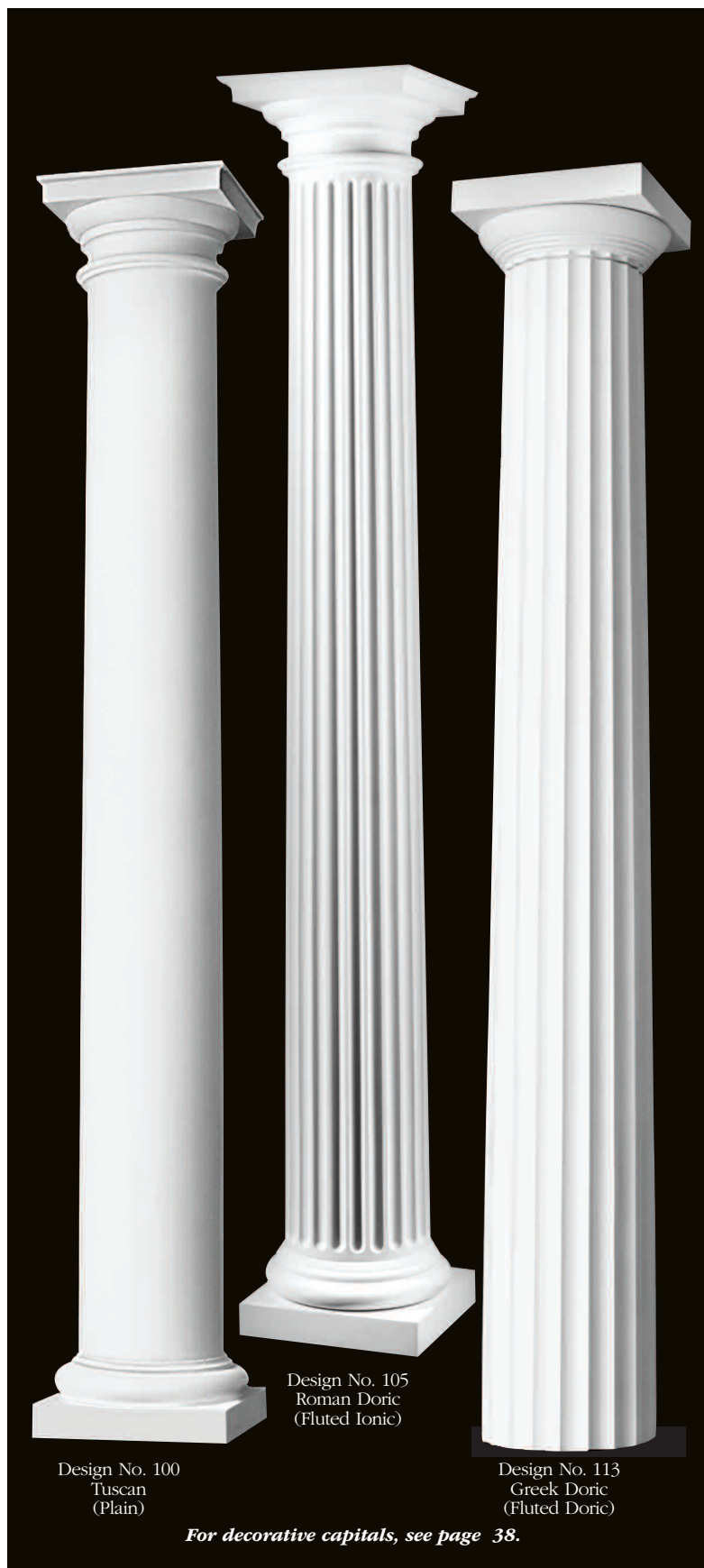
Authentic Replication
•
Tuscan & Roman Doric



Column Shapes Shown In Application



AUTHENTIC REPLICATION™ COLUMNS • WOOD



Type I Design Series 100

Round Tapered Columns

Orders under \$3,000 - add 5% handling.

| Bottom Diameter x Height | Pine/Poplar Fingerjointed | | Redwood/Cedar Fingerjointed | |
|---|--------------------------------|--------|--------------------------------|--------|
| | Plain | Fluted | Plain | Fluted |
| For sizes less than 8" and 8', please call for quote. | | | | |
| 8" x 8' | | | | |
| 8" x 9' | | | | |
| 8" x 10' | | | | |
| 8" x 12' | | | | |
| 10" x < 8' | Please call for prices. | | | |
| 10" x 8' | | | | |
| 10" x 9' | | | | |
| 10" x 10' | | | | |
| 10" x 12' | | | | |
| 10" x 14' | | | | |
| 12" x < 8' | Please call for prices. | | | |
| 12" x 8' | | | | |
| 12" x 9' | | | | |
| 12" x 10' | | | | |
| 12" x 12' | | | | |
| 12" x 14' | | | | |
| 12" x 16' | | | | |
| 14" x 8' | | | | |
| 14" x 9' | | | | |
| 14" x 10' | | | | |
| 14" x 12' | | | | |
| 14" x 14' | | | | |
| 14" x 16' | | | | |
| 14" x 18' | | | | |
| 16" x 8' | | | | |
| 16" x 9' | | | | |
| 16" x 10' | | | | |
| 16" x 12' | | | | |
| 16" x 14' | | | | |
| 16" x 16' | | | | |
| 16" x 18' | | | | |
| 16" x 20' | | | | |
| 18" x 8' | | | | |
| 18" x 9' | | | | |
| 18" x 10' | | | | |
| 18" x 12' | | | | |
| 18" x 14' | | | | |
| 18" x 16' | | | | |
| 18" x 18' | | | | |
| 18" x 20' | | | | |
| 20" x 12' | | | | |
| 20" x 14' | | | | |
| 20" x 16' | | | | |
| 20" x 18' | | | | |
| 20" x 20' | | | | |
| 20" x 22' | | | | |
| For larger sizes or any size not shown on chart, please call sales office. Overall length includes the capital, base and plinth. | | | | |

Prices are based on orders of four or more columns-
orders with less than four are subject to a set-up charge.
Solid board redwood columns - please call sales office for
prices.

Prices subject to change without notice.

1.800.COLUMNS • www.columns.com

AUTHENTIC REPLICATION™ COLUMNS • WOOD

Type I Design Series 100

Pillar Prices Only * - Non-Tapered**

Orders under \$3,000 - add 5% handling.

| Bottom Diameter x Height | Pine/Poplar - Fingerjointed | | Redwood/Cedar - Fingerjointed | |
|---|-----------------------------|---------------|-------------------------------|---------------|
| | Square Plain | Square Fluted | Square Plain | Square Fluted |
| | Non-Tapered | Non-Tapered | Non-Tapered | Non-Tapered |
| For sizes less than 8" and 8', please call for quote. | | | | |
| 8" x 8' | | | | |
| 8" x 9' | | | | |
| 8" x 10' | | | | |
| 8" x 12' | | | | |
| 10" x < 8' | Please call for prices. | | | |
| 10" x 8' | | | | |
| 10" x 9' | | | | |
| 10" x 10' | | | | |
| 10" x 12' | | | | |
| 10" x 14' | | | | |
| 12" x < 8' | Please call for prices. | | | |
| 12" x 8' | | | | |
| 12" x 9' | | | | |
| 12" x 10' | | | | |
| 12" x 12' | | | | |
| 12" x 14' | | | | |
| 12" x 16' | | | | |
| 14" x 8' | | | | |
| 14" x 10' | | | | |
| 14" x 12' | | | | |
| 14" x 14' | | | | |
| 14" x 16' | | | | |
| 14" x 18' | | | | |
| 16" x 8' | | | | |
| 16" x 10' | | | | |
| 16" x 12' | | | | |
| 16" x 14' | | | | |
| 16" x 16' | | | | |
| 16" x 18' | | | | |
| 16" x 20' | | | | |
| 18" x 8' | | | | |
| 18" x 10' | | | | |
| 18" x 12' | | | | |
| 18" x 14' | | | | |
| 18" x 16' | | | | |
| 18" x 18' | | | | |
| 18" x 20' | | | | |
| 20" x 12' | | | | |
| 20" x 14' | | | | |
| 20" x 16' | | | | |
| 20" x 18' | | | | |
| 20" x 20' | | | | |
| 20" x 22' | | | | |
| For larger sizes, sizes not shown on chart, please call sales office. Overall length includes the capital, base & plinth. | | | | |

Prices are based on orders of four or more columns- orders with less than four are subject to a set-up charge.

*Pilaster - please call for prices.

*Octagonal - please call for prices.

**Tapered pillars - please call for prices.

Prices subject to change without notice.

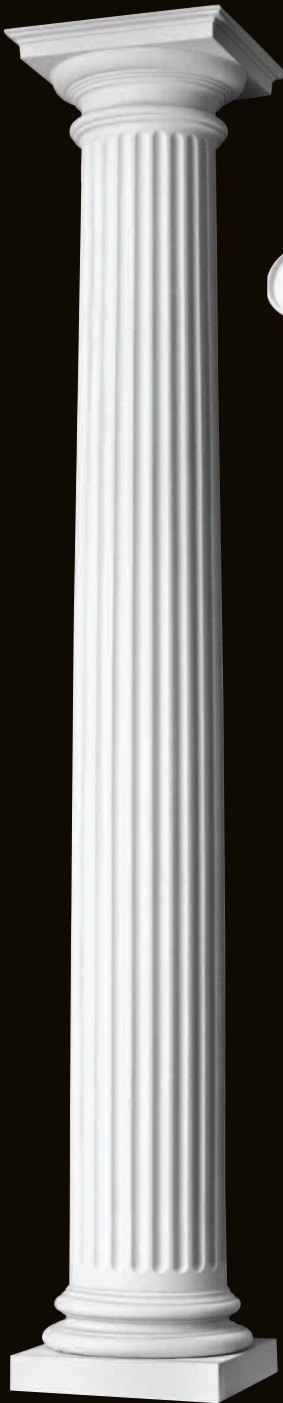
Design No. 108
Octagonal Roman Doric
w/Attic Base
Plain
(available fluted)
Call for prices.

Design No. 145
Greek Erechtheum Pillar
Fluted
(available plain)

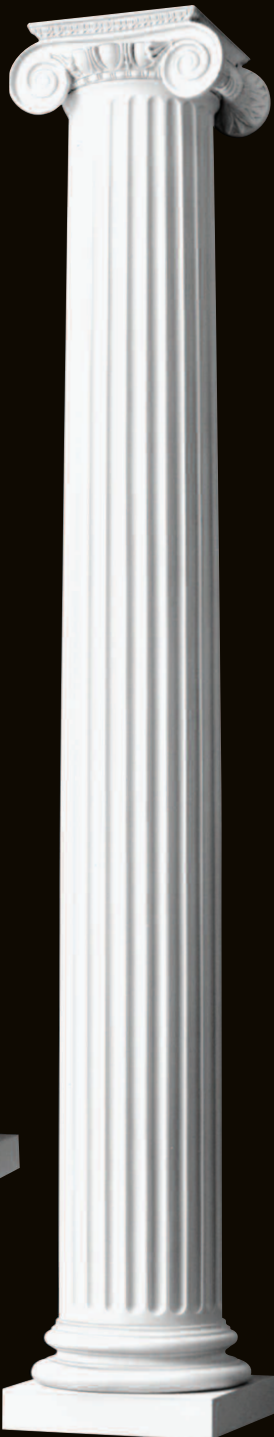
Design No. 100 Pilaster
Plain w/o Base
Available w/ Base
(available fluted)
Call for prices.

For decorative capitals, see page 38.

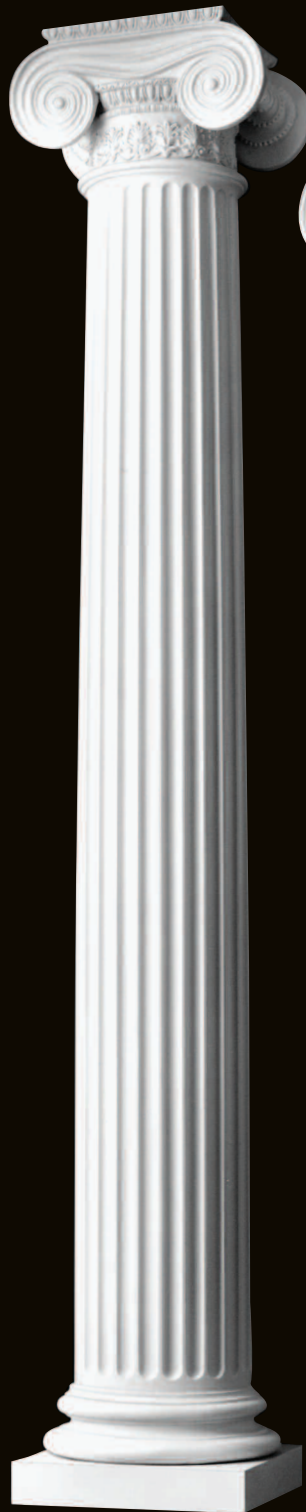
AUTHENTIC REPLICATION™ COLUMNS • WOOD



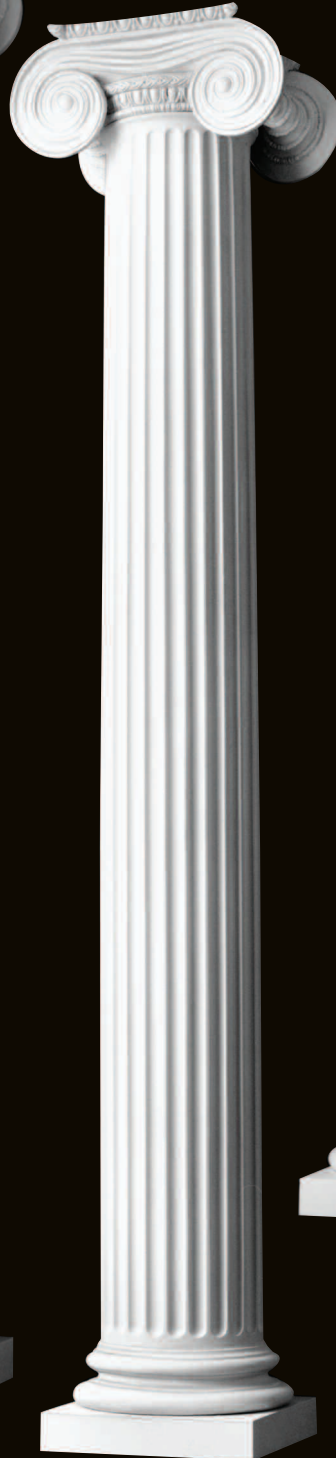
Design No. 109
Roman Doric
Attic Base
(Fluted Ionic)



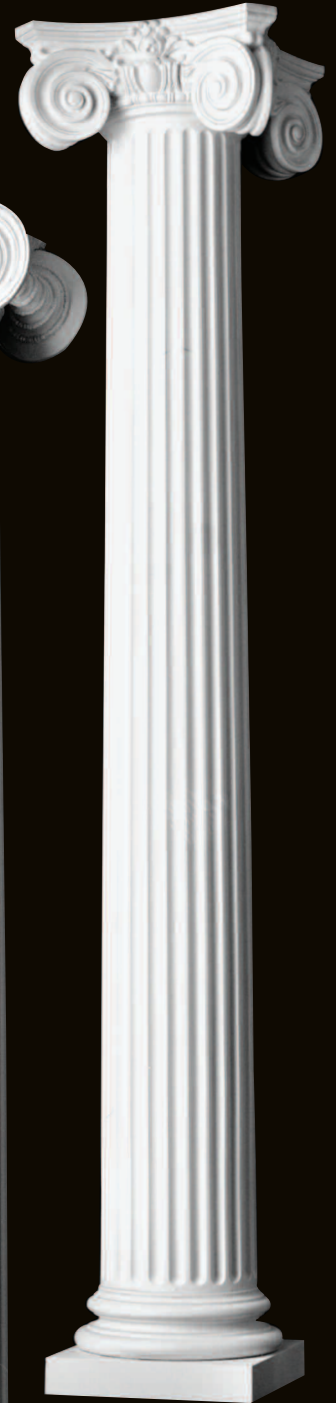
Design No. 129
Roman Ionic
(Fluted Ionic)



Design No. 147
Greek Erechtheum
w/Decorative
Necking
(Fluted Ionic)

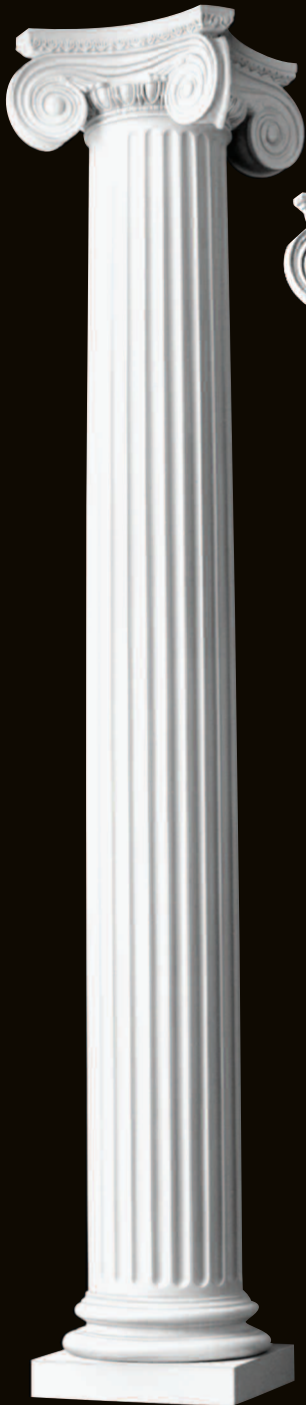


Design No. 145
Greek Erechtheum
(Fluted Ionic)

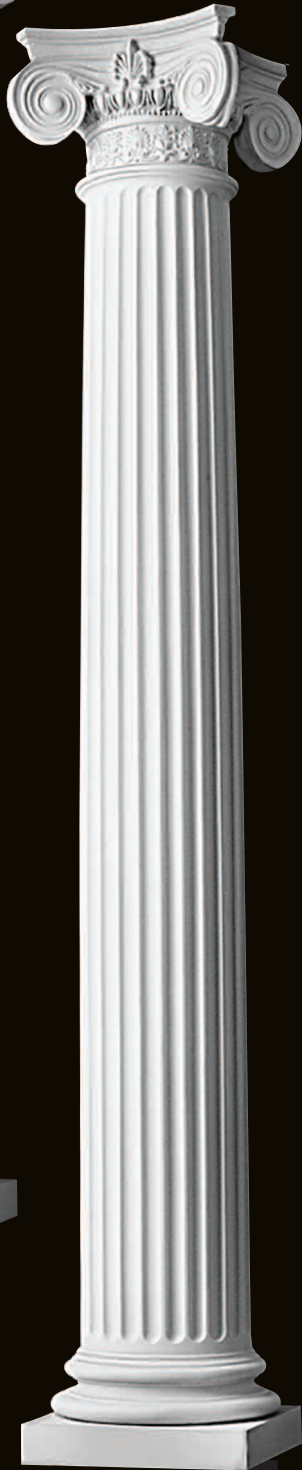


Design No. 133
Scamozzi
(Fluted Ionic)

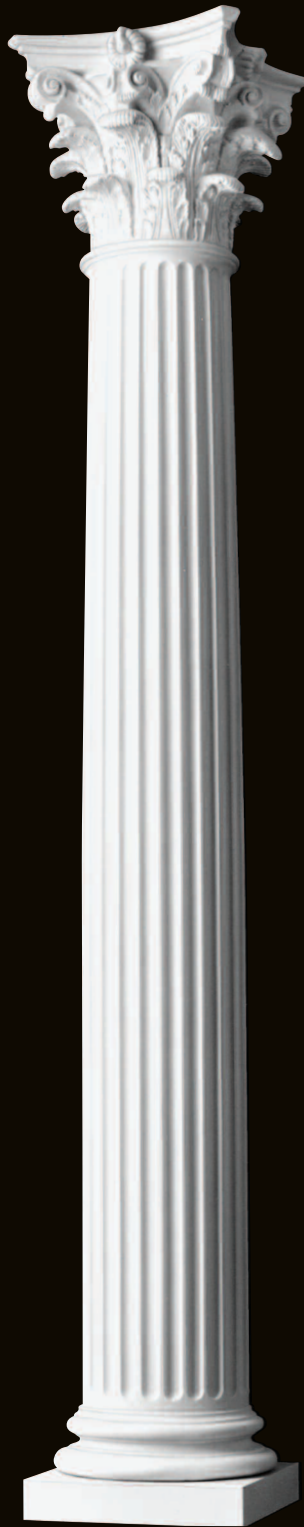
AUTHENTIC REPLICATION™ COLUMNS • WOOD



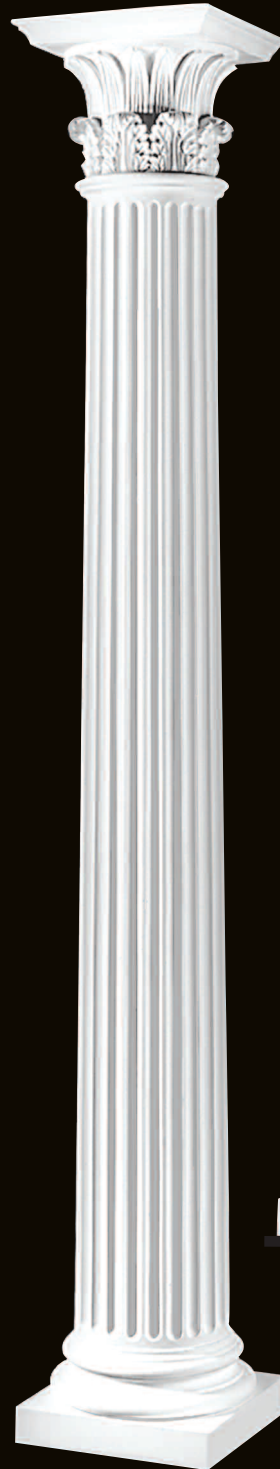
Design No. 141
Greek Angular
Ionic
(Fluted Ionic)



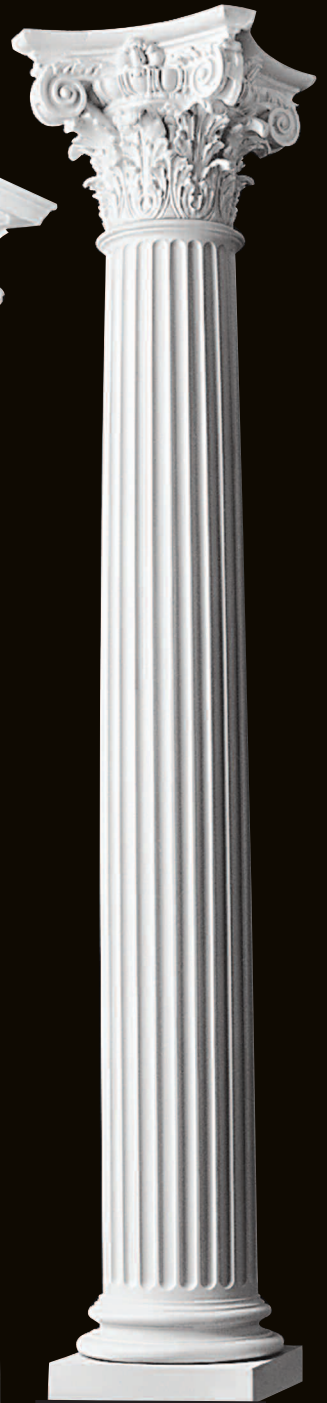
Design No. 139
Empire
w/Decorative
Necking
(Fluted Ionic)



Design No. 121
Roman
Corinthian
(Fluted Ionic)



Design No. 117
Greek
Corinthian
(Temple of
Winds)
(Fluted Ionic)



Design No. 125
Composite
(Fluted Ionic)

AUTHENTIC REPLICATION™ COLUMNS • WOOD



Design No. 128
Roman Ionic
(Plain)



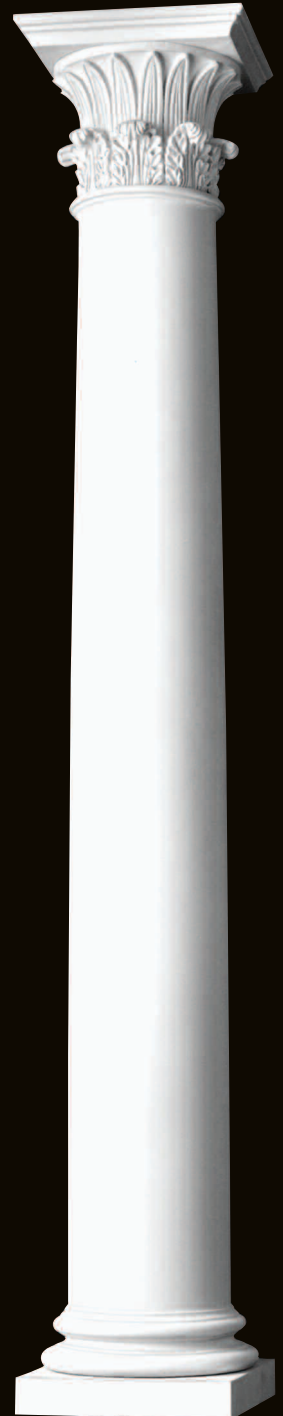
Design No. 144
Greek Erechtheum
(Plain)



Design No. 132
Scamozzi
(Plain)

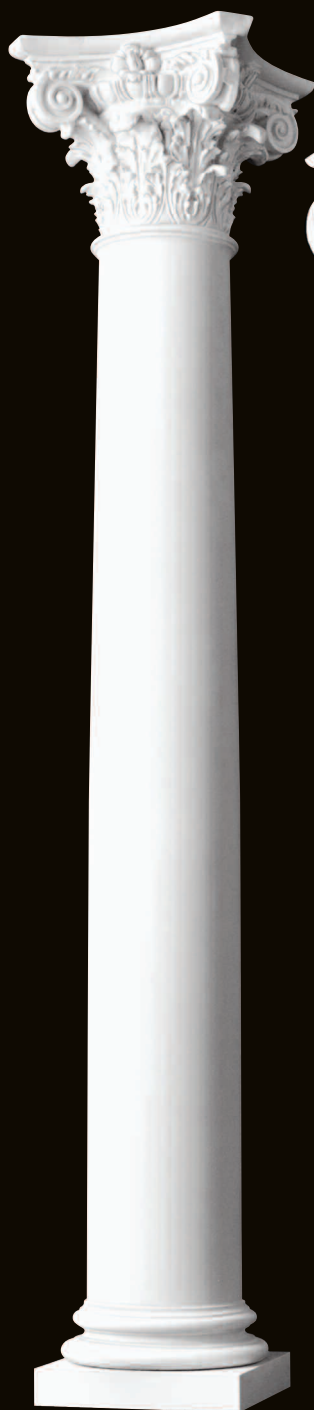


Design No. 120
Roman Corinthian
(Plain)



Design No. 116
Greek Corinthian
(Temple of Winds)
(Plain)

AUTHENTIC REPLICATION™ COLUMNS • WOOD



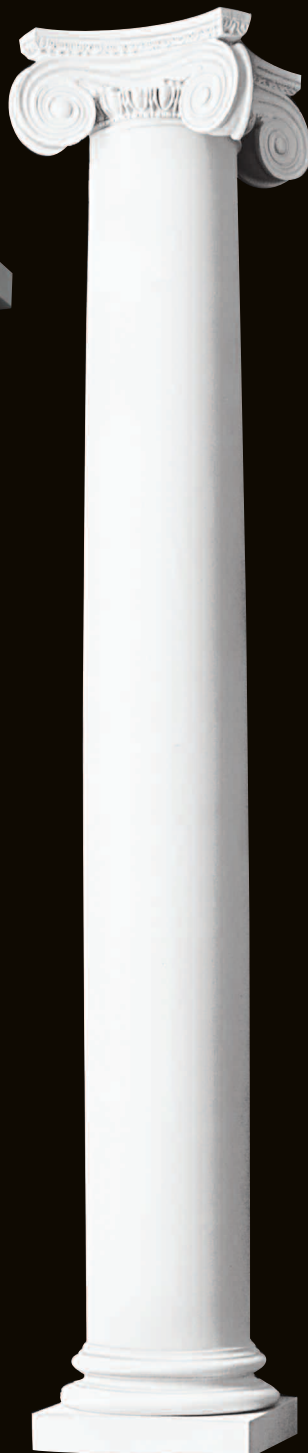
Design No. 124
Composite
(Plain)



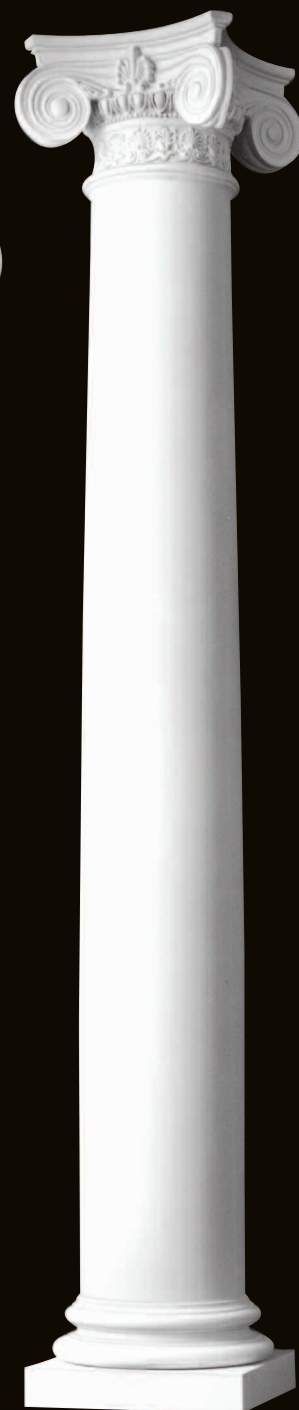
Design No. 136
Empire
(Plain)



Design No. 112
Greek Doric
(Plain)



Design No. 140
Greek Angular
Ionic
(Plain)



Design No. 138
Empire w/
Necking
(Plain)

PREMIER CUSTOM COLLECTION • WOOD



Design No. 180
Art Deco
(Non-Tapered)
(available Tapered)

Design No. 184
Contemporary
(Non-Tapered)

Design No. 185
Contemporary
(Tapered)

Please call for pricing.

DESIGN OPTIONS

Contemporary and Art Deco

Our Contemporary and Art Deco Columns are simple yet elegant. The harmonious transition from the mirror-image capital and base molding to the column's plain shaft further enhances their matchless beauty and superb styling. You can choose either tapered or non-tapered columns for either interior or exterior applications.

Rope Twist

Our custom Rope Twist Column is pictured with an Ionic (Attic) base and Roman Doric capital. It can be custom fabricated in your choice of wood species. Select size and wood species, then call for prices. The maximum diameter is 24" and the maximum height is 12'.

Arlington

The massive five-foot diameter columns which adorn the Arlington House, now part of Arlington National Cemetery, were the inspiration for our Arlington column. In the early 1800's, Arlington House was built by the step-grandson of George Washington and was later the home of Robert E. Lee and his wife, Mary Custis.

Belley

Our Belley Column has a Tuscan capital and base. The column diameter is the same at the top and the bottom, but notice the graceful bell curve in the middle. For interior or exterior use, our Belley shaped column can be painted or stained, as you choose. Load-bearing, the column is available in a variety of diameters and heights. Please call for prices.

Cabled Column

The Cabled Column dates from the time of Pompeii, First Century AD. The lower part of the column is partially filled with a curved detail—thus the name cable. More elaborate forms of cabling (rope, ribbon, symbols) were devised in the Sixteenth Century in France. The Cabled Column gives a new and different twist to the fluted column.

Reeded Column

The Reeded Column is unique in that it has *convex* flutes. Its name is derived from the Egyptians, and their practice of tying reeds together for building. This unique design became a decorative motif in the Eighteenth and Nineteenth Century and was used to enrich columns and pilasters, as well as doors and windows architraves.

One-Third Fluted

The one-third Greek Erechtheum Column has "stopped fluting" one-third of the way up the column shaft, with the top two-thirds being plain. This column has endured as one of the finest examples of the classical column.

PREMIER CUSTOM COLLECTION • WOOD

Roman Doric with Doric Fluting

The Roman Doric Column has twenty shallow flutes, meeting at sharp edges. Where the sharp edges are vulnerable to damage, the lower part of the column can be left unfluted (or plain). Since the Renaissance, Roman Doric columns have been used as an established variation in the classical tradition. Today, at Chadsworth, each fluted shaft is individually tapered to ensure consistency in our column shaft. Doric Fluting is a custom option available in our Authentic Replication columns.

Greek Erechtheum with Plain Necking

Its name was derived from the Erechtheum, a temple in Athens dating to 420 B.C. This slender column is divided into twenty-four flutes and has a base for stability. A small convex molding in the form of a string of beads at the top (an astragal) divides the shaft from the graceful plain necking.

Roman Ionic with Plain Necking

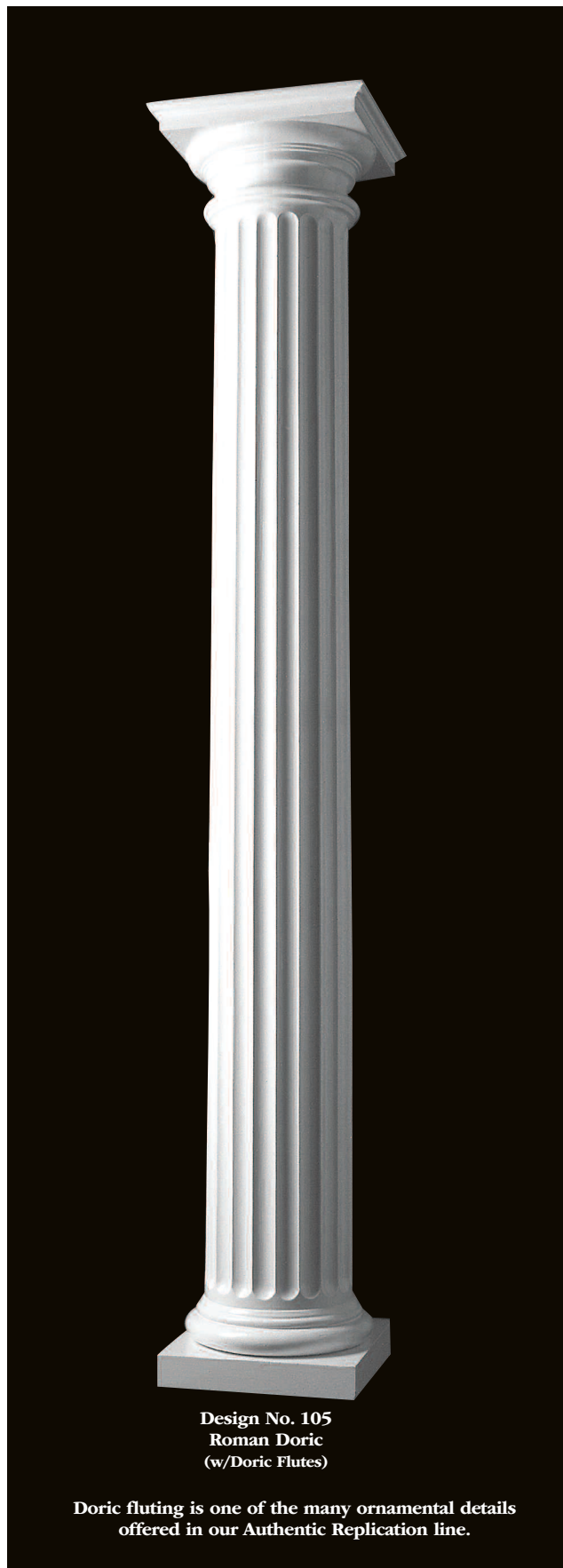
The Roman Ionic Column has twenty-four deep semicircular grooves with narrow vertical bands (or fillets), an astragal, plain necking and an attic base. The capital, which is based on precise geometry of circles and squares, is the defining feature of the order.



PHOTOGRAPHY: JAMES R. SOLOMON



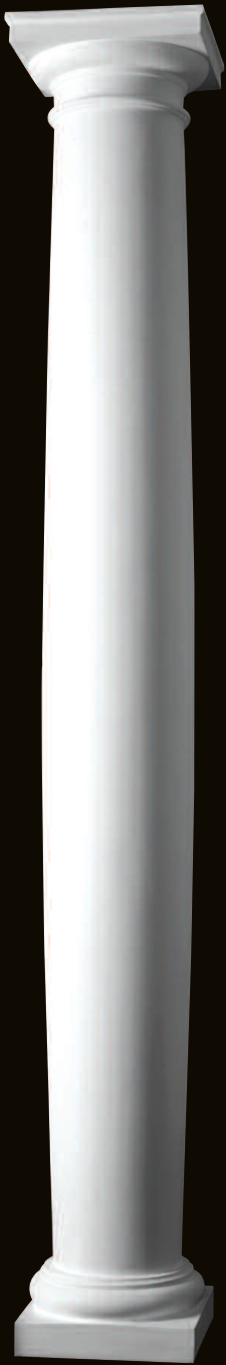
PHOTOGRAPHY: PHILLIP ENNIS



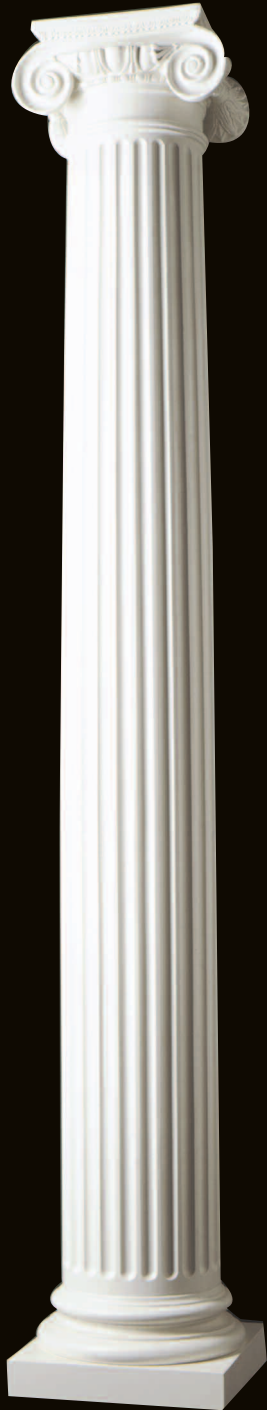
Design No. 105
Roman Doric
(w/Doric Flutes)

Doric fluting is one of the many ornamental details offered in our Authentic Replication line.

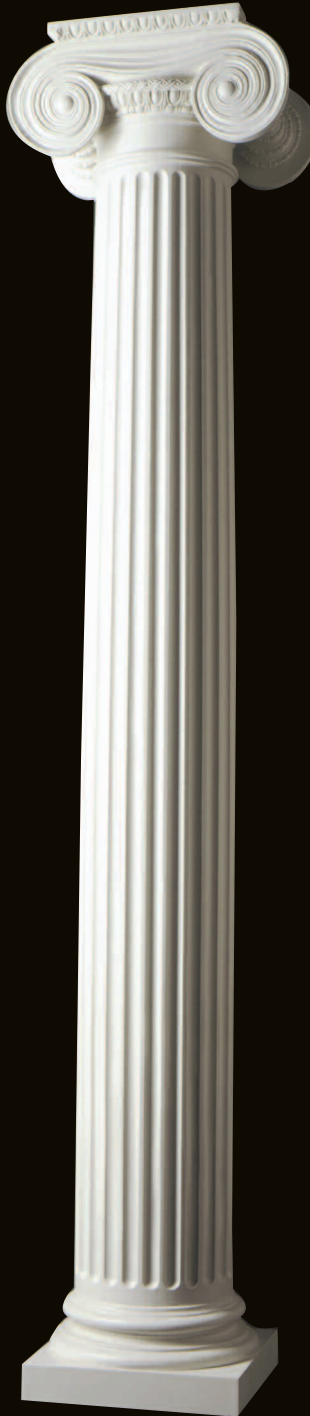
PREMIER CUSTOM COLLECTION • WOOD



Design No. 100
Belley



Design No. 131
Roman Ionic
w/Necking



Design No. 146
Greek Erechtheum
w/Necking



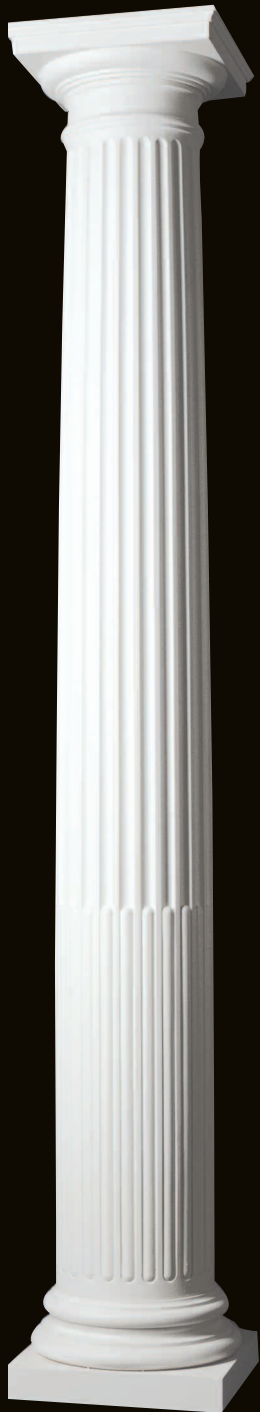
Design No. 188
Arlington

Please call for custom prices. **Prices subject to change without notice.**

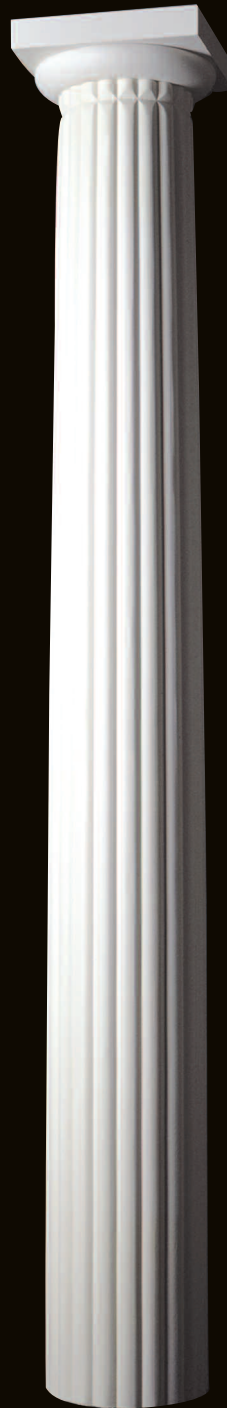
PREMIER CUSTOM COLLECTION • WOOD



Design No. 190
Rope Twist



Design No. 101CBL
Cabled



Design No. 114
Reeded



Design No. 143
Greek Erechtheum
(1/3 Fluted)

STAIN GRADE COLUMNS



PHOTOGRAPHY: JAMES R. SOLOMON



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: BRIAN GASSEL

AUTHENTIC REPLICATION™ STAIN GRADE COLUMNS • WOOD

DESIGN

Chadsworth is known for its production of authentically correct replication columns based on the rigorous architectural guidelines for columnar orders first laid down by the Renaissance master architect, Giacomo da Vignola, in 1563. All of our Authentic Replication designs replicate the exact proportions specified by Vignola and are derived from the five original orders of architecture: Doric, Tuscan, Ionic, Corinthian and Composite.

OFFERINGS

Chadsworth constructs the finest stain-grade Authentic Replication columns and pilasters for interior use. Our skilled craftsmen carefully hand select and color match solid column staves from premium hardwoods and softwoods. Large size column shafts may require nominal finger-joints. Our stain-grade products are hand sanded prior to shipping and arrive ready to finish. Our craftsmen choose the woods much like an artist selects a color for a palette for its dramatic or subtle effect.

CONSTRUCTION MATERIALS

Columns are available in hardwoods in Ash, Birch, Cherry, Bird's Eye Maple, Hard Maple, Red Oak, White Oak, Poplar, Walnut, African Mahogany, Honduras Mahogany, and Teak. In softwoods, they are available in Cypress, Douglas Fir, Northern White Pine, Southern Yellow Pine, Redwood, and Western Red Cedar. We are working to bring more exotic species to the column marketplace every year.

ARCHITECTURAL WOODWORK INSTITUTE'S QUALITY STANDARDS

The following information is taken from the **Architectural Woodwork Quality Standards**, 7th Edition, Version 1.0, 1997: "Wood is a natural material, with variations in color, texture and figure. These variations are influenced by the natural growing process and are uncontrollable by the woodworker. The color of wood within a tree varies between the "sapwood" (the outer layers of the tree which continue to transport sap), which is usually lighter in color than the "heartwood" (the inner layers in which the cells have become filled with natural deposits). Various species produce different grain patterns (figures), which influence the selection process. There will be variations of grain patterns within any selected species. The architectural woodworker cannot select solid lumber cuttings within a species by grain and color in the same manner in which veneers may be selected. Color, texture and grain variations will occur in the finest architectural wood-working."

*Architectural woodwork products are manufactured as designed from wood that has been kiln dried to an appropriate average moisture content and maintained at this condition up to the time of delivery. Subsequent dimensional change in wood is and always has been an inherent natural property of wood. These changes cannot be the responsibility of the manufacturer or products made from it. Specifically: 1) Responsibility for dimensional change problems in wood products resulting from improper design rests with

the designer/architect/specifier. 2) Responsibility for dimensional change problems in wood products resulting from improper relative humidity exposure during site storage and installation rests with the contractor. 3) Responsibility for dimensional change problems in wood products resulting from humidity extremes after occupancy rests with engineering and maintenance.

*Published by the Architectural Woodwork Institute, Reston, Virginia. All rights reserved.

Reprint permission, 1999

CAPITALS

Our synthetic-resin wood grain interior capitals are constructed with solid wood fiber bodies and composite decorative components to sit on top of the columns or pilasters. These capitals are stainable to look like wood. Please call our sales consultants for sizes and prices of columns, pilasters and capitals.

FINISHING

Do not use installation instructions for paint-grade columns. Do not prime or paint stain-grade columns.

PROPERTIES OF COMMONLY USED SPECIES

Hardwoods

Ash - creamy white to light brown in color, open grain, excellent for transparent finish, excellent strength and bold grain. Specify natural (mixed heart and sap), or select white (all sap).

Birch - white to dark red in color, closed grain, good for transparent finish, excellent architectural wood, plentiful supply. Specify natural (mixed heart and sap), select white (all sap), or select red (all heart).

Cherry - reddish brown in color, closed grain, excellent transparent finish, beautiful wood, specify natural (mixed heart and sap), or select red (all heart).

Hard Maple - white to reddish brown in color, closed grain, good for transparent finish, plentiful supply, excellent properties. specify natural (mixed heart and sap) or select white (all sap).

Red Oak - reddish tan to brown in color, open grain, excellent for transparent finish, excellent architectural wood, plentiful supply.

White Oak - greyish tan in color, open grain, excellent for transparent finish, excellent architectural wood, moderate supply.

Poplar - white to brown with green cast in color, closed grain, good for transparent finish.

Walnut - chocolate brown in color, open grain, good for transparent finish.

African Mahogany - rich golden brown in color, open grain, excellent for transparent finish.

Honduras Mahogany - rich golden brown in color, open grain, excellent for transparent finish.

Softwoods

Cypress - yellowish brown in color, closed grain, good for transparent finish.

Douglas Fir - reddish tan in color, closed grain, good for transparent finish.

INHERENT CHARACTERISTICS OF WOOD

This advisory concerns prevention of dimensional problems in architectural woodwork products as the result of uncontrolled relative humidity. It is further intended as a reminder of the natural dimensional properties of wood and wood-based products and of the routine and necessary care and responsibilities which must be assumed by those involved.

For centuries, wood has served as a successful material for architectural woodwork, and as history has shown wood products perform with complete satisfaction when correctly designed and used. Problems directly or indirectly attributed to dimensional change of the wood are usually the result of faulty design, or improper humidity conditions during site storage, installation, or use.

Wood is a hygroscopic material, and under normal use conditions all wood products contain some moisture. Wood readily exchanges this molecular moisture with the water vapor in the surrounding atmosphere according to the existing relative humidity. In high humidity, wood picks up moisture and swells; in low humidity wood releases moisture and shrinks. As normal minor fluctuations in humidity occur, the resulting dimensional response in properly designed construction will be insignificant. To avoid problems, it is recommended that relative humidity be maintained with the range of 25%-55%. Uncontrolled extremes (below 20% or above 80% relative humidity) can likely cause problems.

Together with proper design, fabrication, and installation, humidity control is obviously the important factor in preventing dimensional change problems.

Architectural woodwork products are manufactured as designed from wood that has been kiln dried to an appropriate average moisture content and maintained at this condition up to the time of delivery. Subsequent dimensional change is an inherent natural property of wood. These changes cannot be the responsibility of the manufacturer or products made from it. Specifically:

- Responsibility for dimensional change problems in wood products resulting from improper design rests with the designer/architect/specifier.
- Responsibility for dimensional change problems in wood products resulting from improper relative humidity exposure during site storage and installation rests with the contractor.
- Responsibility for dimensional change problems in wood products resulting from humidity extremes after occupancy rests with engineering and maintenance.

It is normal for wood to expand or contract with changes in atmospheric conditions. Wood will adjust to climate. Checking may occur.

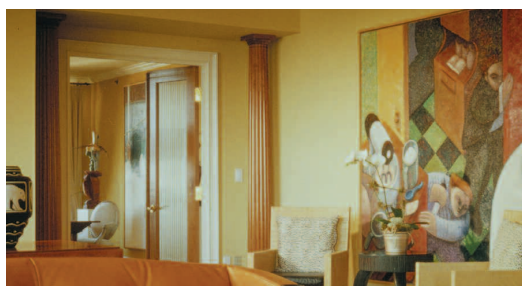
VARIATIONS IN NATURAL WOOD PRODUCTS

Wood is a natural material, with variations in color, texture and figure. These variations are influenced by the natural growing process and are uncontrollable by the woodworker. The color of wood within a tree varies between the “sapwood” (the outer layers of the tree which continue to transport sap), which is usually lighter in color than the “heartwood” (the inner layers in which the cells have become filled with natural deposits). Various species produce different grain patterns (figures), which will influence the selection process. There will be variations of grain patterns with any selected species. The architectural woodworker cannot select solid lumber cuttings within a species by grain and color in the same manner in which the veneers may be selected. Color, texture, and grain variations will occur in the finest architectural woodworking.

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PHOTOGRAPHY: JAMES FOX



PHOTOGRAPHY: COURTESY OF HERBRITO BRITO



PHOTOGRAPHY: PERKINS PHOTOGRAPHY

PILASTERS

PILASTERS

Jeffrey L. Davis, Founder and Principal Designer at Chadsworth, defines a pilaster as: "A pillar that is attached to and projecting from a wall. It must be half or less than half the width of the column. When the projection exceeds half the width of the column, it is an engaged column." He suggests that when using half rounds to shadow another column, they should taper exactly the same as the full round column that they are duplicating or they should be non-tapered with the width of the column equal to the top diameter of the column it is shadowing.



PHOTOGRAPHY: MICHAEL MCKELVEY



PHOTOGRAPHY: STEVE ROSENTHAL



PHOTOGRAPHY: MICHAEL MCKELVEY



PHOTOGRAPHY: PHILLIP ENNIS

DECORATIVE CAPITALS



Tuscan



Roman Doric



Roman Corinthian



Scamozzi



Greek Corinthian



Roman Ionic



Modern Composite



Greek Angular Ionic



Empire



Empire with Necking



Greek Erechtheum



Greek Erechtheum with Necking



Renaissance Doric



Italian Renaissance Venice



Gothic Renaissance



Gothic



Italian Renaissance Corinthian



Roman Ionic Rome



Italian Renaissance Ionic Pellegrini



Italian Renaissance Ionic Scamozzi with Festoons



Italian Renaissance Ionic Scamozzi with Drops



Modern Renaissance



Modern French Renaissance Orleans



Modern French Ionic



Modern French Ionic with Necking



Greek Ionic



Romanesque



Roman Ionic Marcellus

For additional decorative capital styles, materials, and pricing information, please call us at:

800.486.2118

Materials/Price Codes

| | |
|-----------------------|-------------------------------|
| F Fiberglass | P/F Plaster/Fiberglass |
| CM Cast Marble | WG Wood Grain |
| P Polyurethan | W Wood |

Sizes vary depending on material.

Modern Composite

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|---------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10 1/2" | 14 1/2" | 19" | Please call for pricing and availability | | | | | |
| 14" | 18 1/2" | 20 3/4" | | | | | | |
| 20" | Not Available | | | | | | | |

Tuscan

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10" | 3" | 12 1/8" | Please call for pricing and availability | | | | | |
| 14" | 4" | 17 1/8" | | | | | | |
| 20" | 5 5/8" | 24 1/4" | | | | | | |

Greek Angular Ionic

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10 1/2" | 6 1/8" | 17 1/4" | Please call for pricing and availability | | | | | |
| 14 3/4" | 8 3/8" | 22 1/2" | | | | | | |
| 18 1/4" | 11 1/4" | 30" | | | | | | |

Roman Doric

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10" | 3 1/8" | 12 1/2" | Please call for pricing and availability | | | | | |
| 14" | 4 3/4" | 17 1/2" | | | | | | |
| 20" | 6 3/4" | 25" | | | | | | |

Empire

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10 1/4" | 6 1/4" | 17 3/4" | Please call for pricing and availability | | | | | |
| 13 5/8" | 8 1/8" | 21 1/4" | | | | | | |
| 20" | 12" | 33" | | | | | | |

Roman Corinthian

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10 1/4" | 15" | 19" | Please call for pricing and availability | | | | | |
| 14 1/2" | 17 3/4" | 24 1/2" | | | | | | |
| 20" | 28 1/2" | 42" | | | | | | |

Empire with Necking

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10 1/4" | 11 1/4" | 17 3/4" | Please call for pricing and availability | | | | | |
| 13 5/8" | 17 1/4" | 21 1/4" | | | | | | |
| 20" | 19 1/8" | 33" | | | | | | |

Scamozzi

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10" | 4 7/8" | 16 1/4" | Please call for pricing and availability | | | | | |
| 14" | 7 1/2" | 22" | | | | | | |
| 20" | 5 5/8" | 24 1/4" | | | | | | |

Greek Erechtheum

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10" | 6 3/8" | 14 1/4" | Please call for pricing and availability | | | | | |
| 14 1/2" | 8 5/8" | 18" | | | | | | |
| 20" | 11 1/2" | 27" | | | | | | |

Greek Corinthian

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10 3/8" | 11 1/2" | 17" | Please call for pricing and availability | | | | | |
| 14" | 17" | 23 1/4" | | | | | | |
| 19 1/2" | 23" | 35 3/4" | | | | | | |

Greek Erechtheum with Necking

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10" | 9 1/2" | 14 1/4" | Please call for pricing and availability | | | | | |
| 14 1/2" | 12 7/8" | 18" | | | | | | |
| 20" | 17 1/8" | 27" | | | | | | |

Roman Ionic

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 10 3/8" | 4 1/2" | 12 3/4" | Please call for pricing and availability | | | | | |
| 13 1/4" | 5 3/4" | 17 1/2" | | | | | | |
| 20 1/2" | 9 1/2" | 25 1/8" | | | | | | |

Renaissance Doric

| Capital Diameter +/- | Height +/- | Abacus +/- | Price Each | | | | | |
|----------------------|---------------|------------|--|-----------|----------|------------|-----------|----------|
| | | | F | CM | P | P/F | WG | W |
| 9 1/2" | 7" | 16 1/4" | Please call for pricing and availability | | | | | |
| 14" | 10 1/2" | 24" | | | | | | |
| 20" | Not Available | | | | | | | |

Orders under \$3,000 - add 5% handling. Prices subject to change without notice.

Italian Renaissance Venice

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 6" | 73/4" | 10" | Please call for pricing and availability | | | | | |
| 8" | 103/8" | 133/8" | | | | | | |
| 10" | 127/8" | 163/4" | | | | | | |

Gothic Cologne

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|---------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 55/8" | 611/16" | Please call for pricing and availability | | | | | |
| 6" | 83/8" | 10" | | | | | | |
| 8" | 111/4" | 135/16" | | | | | | |

Gothic

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|---------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 51/8" | 67/16" | Please call for pricing and availability | | | | | |
| 6" | 73/4" | 911/16" | | | | | | |
| 8" | 101/4" | 127/8" | | | | | | |

Italian Renaissance Corinthian

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|----------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 51/2" | 75/16" | Please call for pricing and availability | | | | | |
| 6" | 83/8" | 111/16" | | | | | | |
| 8" | 11" | 1413/16" | | | | | | |

Italian Renaissance Ionic Scamozzi with Drops

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 21/4" | 65/8" | Please call for pricing and availability | | | | | |
| 8" | 45/8" | 133/8" | | | | | | |
| 12" | 63/4" | 20" | | | | | | |

Modern Ionic (*Empire*)

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 21/2" | 63/8" | Please call for pricing and availability | | | | | |
| 8" | 51/8" | 123/4" | | | | | | |
| 12" | 71/2" | 191/4" | | | | | | |

Modern Ionic with Necking (*Empire with Necking*)

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 5" | 63/8" | Please call for pricing and availability | | | | | |
| 8" | 101/4" | 123/4" | | | | | | |
| 12" | 15" | 191/4" | | | | | | |

Modern Renaissance

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 2" | 21/2" | 31/2" | Please call for pricing and availability | | | | | |
| 4" | 47/8" | 7" | | | | | | |
| 6" | 75/8" | 101/2" | | | | | | |



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: MICHAEL MCKELVEY



PHOTOGRAPHY: GLEN C. MOON

WOODGRAIN CAPITALS-SAMPLE ONLY-Please call for more information.

Roman Ionic Rome

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|---------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 2" | 13/8" | 215/16" | Please call for pricing and availability | | | | | |
| 3" | 21/16" | 4" | | | | | | |
| 4" | 23/4" | 51/8" | | | | | | |

Italian Renaissance Ionic Pellegrini

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|-----------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 6" | 33/8" | 9" | Please call for pricing and availability | | | | | |
| 8 1/2" | 45/8" | 125/8" | | | | | | |
| 12" | 63/4" | 17 13/16" | | | | | | |

Italian Renaissance Ionic Scamozzi with Festoons

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 21/4" | 65/8" | Please call for pricing and availability | | | | | |
| 8" | 45/8" | 133/8" | | | | | | |
| 12" | 63/4" | 20" | | | | | | |

Greek Ionic

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|---------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 31/4" | 53/4" | Please call for pricing and availability | | | | | |
| 6" | 43/4" | 83/4" | | | | | | |
| 7 1/2" | 6" | 11 1/8" | | | | | | |



PHOTOGRAPHY: ALEX VERTIKOFF

Modern French Renaissance Orleans

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 8" | 65/8" | 123/8" | Please call for pricing and availability | | | | | |
| 10" | 83/8" | 151/2" | | | | | | |
| 12" | 10" | 181/2" | | | | | | |

Modern French Ionic

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 2" | 67/16" | Please call for pricing and availability | | | | | |
| 8" | 4" | 13" | | | | | | |
| 12" | 6" | 193/8" | | | | | | |

Modern French Ionic with Necking

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 4" | 67/16" | Please call for pricing and availability | | | | | |
| 8" | 8" | 13" | | | | | | |
| 12" | 12" | 193/8" | | | | | | |

Romanesque

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 4" | 61/8" | 71/4" | Please call for pricing and availability | | | | | |
| 6" | 91/4" | 107/8" | | | | | | |
| 8" | 121/4" | 141/2" | | | | | | |

Roman Ionic Marcellus

| Capital Diameter | Height | Abacus | Price Each | | | | | |
|------------------|--------|--------|--|----|---|-----|----|---|
| | | | F | CM | P | P/F | WG | W |
| 6" | 31/4" | 73/4" | Please call for pricing and availability | | | | | |
| 8" | 43/8" | 101/4" | | | | | | |
| 10" | 53/8" | 121/2" | | | | | | |



PHOTOGRAPHY: GLEN C. MOON

DESIGN & USE

COLUMN DESIGN NUMBERS

Columns are designated by Chadsworth as either 100, 200, 300, or 400 according to designs and prices. Example: an Authentic Replication plain Tuscan wooden column is Design Number 100, our finest (highest price). Our PolyStone™ is Design Number 200. The design series goes from Design Number 100 (the best) to 400 (stock item). The price levels are from 100 (the most expensive) to 400 (the most economical).

EXTERIOR COLUMNS

The best column choices for exterior (outdoor) garden use are our PolyStone™ and Colossal columns.

STORAGE

We recommend that wooden columns and decorative capitals not be stored. If wooden columns must be stored prior to installation, it is **imperative** that they be kept in a dry and well-ventilated place. It is important that they be stored in an upright position. Prior to storage, primed columns should be painted with two coats of oil-based paint. PolyStone™ columns may be stored.

SUPERPOSITIONING OR STACKING COLUMNS

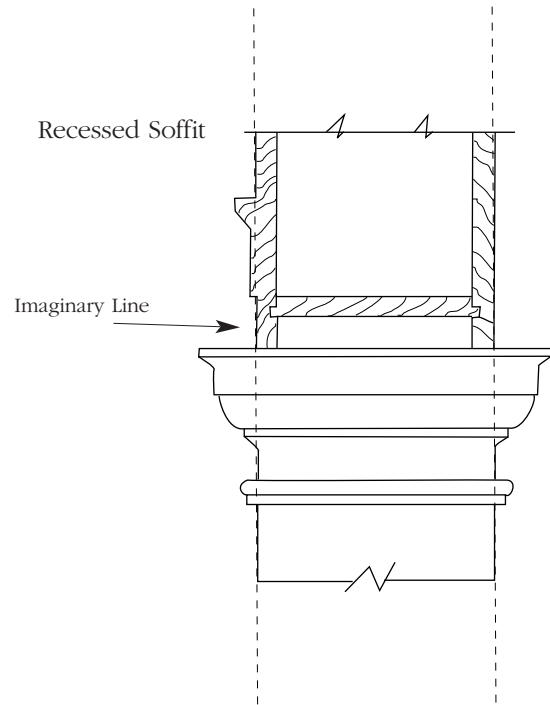
The orders can be placed on top of one another to achieve a greater height than a single story. The more slender orders of columns should be placed above the stouter columns, i.e. Tuscan on the bottom with the Corinthian column on the top. This also reduces the weight as it goes higher and is aesthetically pleasing. A good rule to follow is the example of the Renaissance influence which makes the upper diameter of the lower column order equal to the lower diameter of the upper column order. For example: if bottom diameter is 12" tapering to 10" top diameter, the column sitting on top of it should be a 10" tapering to 8".

USING COLUMNS AS COVERS

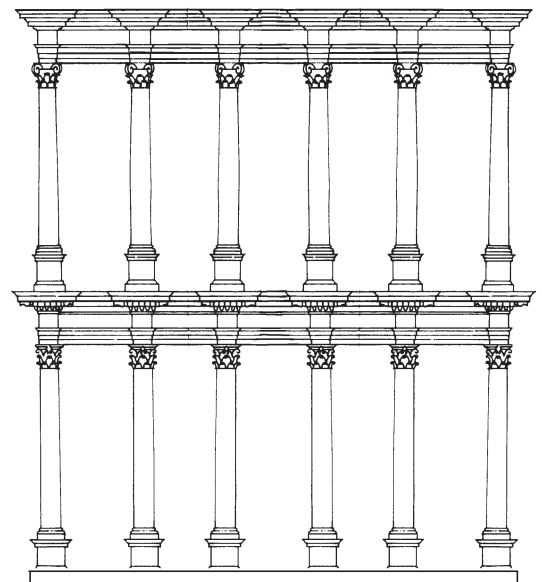
Columns can be split to go around an existing structural support or for a customized decorative use. Wooden columns should not be used to surround water pipes.

LINING UP COLUMNS WITH SOFFIT

When lining up columns with a soffit or anything resting on the capitals, there should be an imaginary vertical line from the smallest diameter to the overhang.



PHOTOGRAPHY: GRIMBALL PHOTOGRAPHICS



SPECIAL RECOMMENDATIONS & GENERAL INSTALLATION

SPECIAL RECOMMENDATIONS FOR WOOD COLUMNS

Flashing - Flashing is required for all wooden exterior columns to prevent moisture from entering the column shaft. We will be happy to provide prices upon request.

Painting - Immediately upon arrival, paint-grade wooden columns and decorative capitals must be primed. It is imperative that two coats of oil-based paint be applied to these primed columns. **Do not use a primer containing zinc on redwood columns. Do not prime or paint columns to be stained.**

Exterior Column Ventilation - Adequate ventilation must be provided at the top of the wooden column by a vented recessed soffit. Ventilation must be provided at the bottom of the wooden column by the plinth or plates. **This ventilation must be maintained at all times. See installation instructions.**

Storage - We do not recommend storage of wooden columns and decorative capitals. If your columns must be stored prior to installation, they must be kept in a dry, well ventilated place in an upright position. Prior to storage, paint-grade columns should be sanded, primed and painted. PolyStone™ may be stored.

GENERAL INSTALLATION FOR WOOD COLUMNS

You will receive detailed installation instructions before your columns are delivered. Please refer to them when installing your columns. The following assembly instructions are to help you understand the installation sequence and the importance of adequate ventilation.

Basic steps for column installation are to:

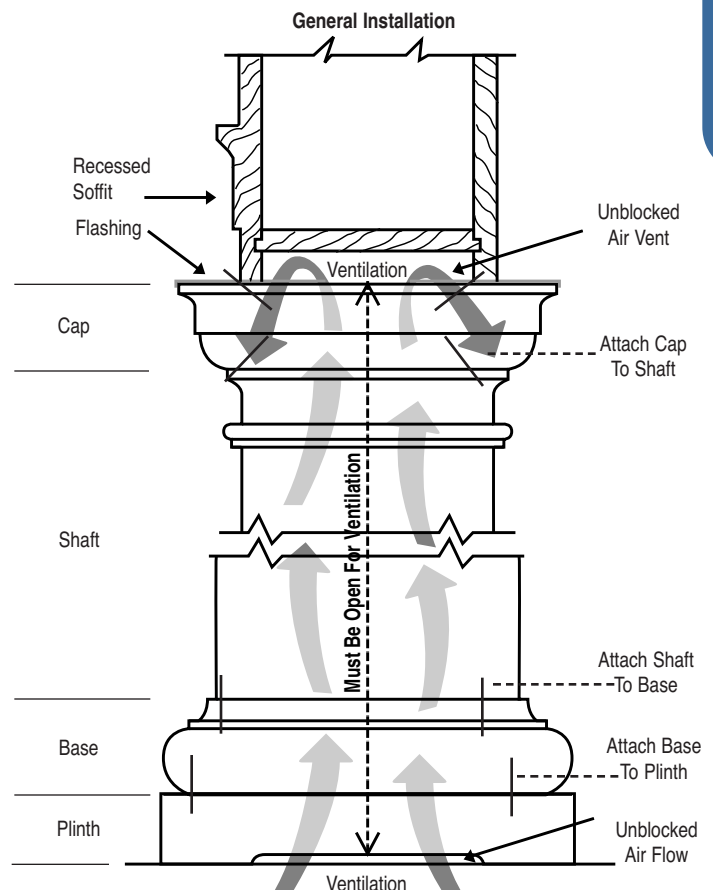
1. Immediately apply two coats of oil-based paint on paint-grade columns. On our Colonial and Classic columns, first fill any nicks, dents, etc. (if necessary, sand), apply two coats of oil-based primer, then follow with two coats of oil-based paint.
2. Set plinth in position making sure that it is level.
3. Attach base to plinth.
4. Set base assembly in place.
5. Nail shaft to base.
6. Attach cap to shaft. For exterior columns, apply flashing at this point.

GENERAL INSTALLATION FOR POLYSTONE™ COLUMNS

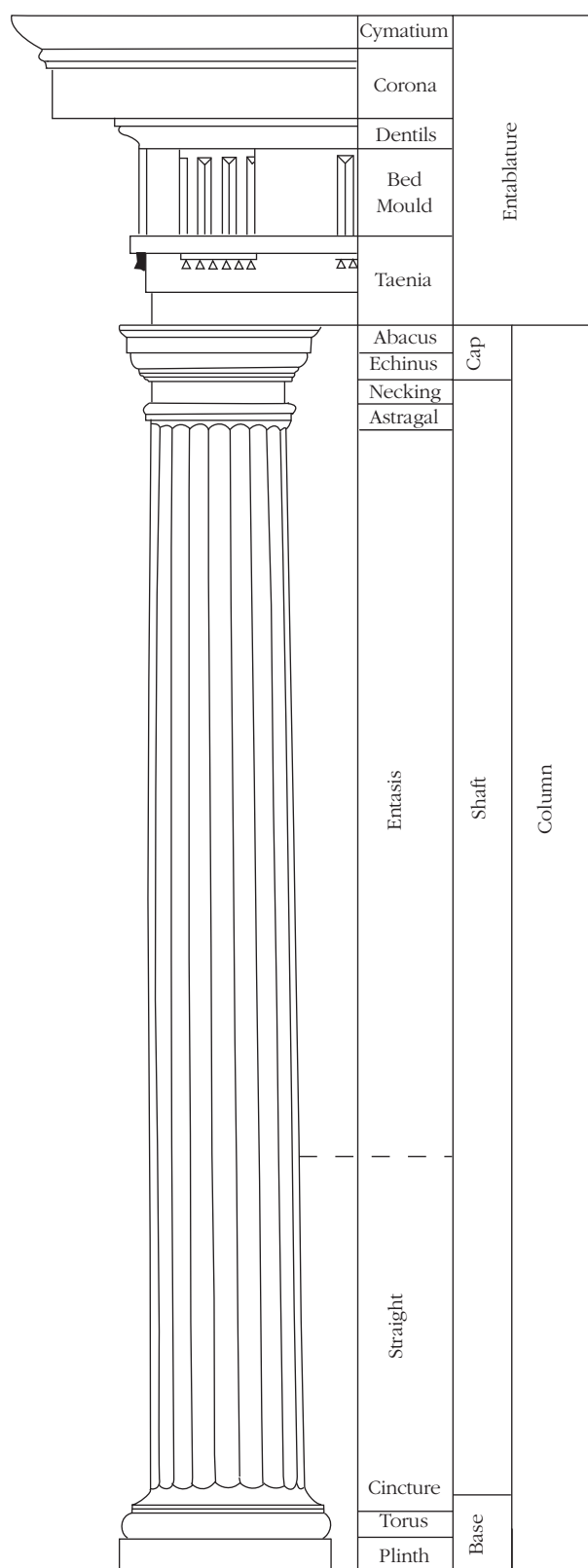
You will receive detailed installation instructions before your columns are delivered. Please refer to them when installing your columns. The following assembly instructions are to help you understand the installation sequence.

Basic steps for column installation are to:

1. Measure the overall height. Raise the soffit or porch slightly with brace for easy installation of the column.
2. Trim column shaft on bottom end only.
3. Drill holes in capital and place capital over the top of column shaft.
4. Drill holes in base molding and slide up bottom of column shaft.
5. Stand column in position and remove brace.
6. Attach capital to soffit and base to floor.



COLUMN COMPONENTS



COLUMN COMPONENTS ARE AVAILABLE IN THE FOLLOWING MATERIALS:

CAPITALS

- Polyurethane
- Wood (paint-grade)
- Wood (stain-grade)
- Plaster
- Fiberglass
- Many styles and choices. See pages 38-41.

SHAFTS

- Wood (paint-grade) (finger-jointed or solid board)
- Wood (stain-grade)
- Fiberglass
- PolyStone™

BASE MOLDINGS

- Synthetic
- Wood

PLINTHS

- Synthetic
- Wood

THE ORDERS OF ARCHITECTURE

Vignola

The work of Giacomo Barozzi da Vignola is the inspiration for Chadsworth's Columns. Vignola, who lived in 16th century Italy, is regarded as the authority on Greek and Roman columnar orders. He sought to establish and formulate guidelines for the use of these supports.

Vignola's purest approach focused attention on structural design, revitalizing the Greek and Roman orders. Prior to Vignola's work, Renaissance artisans placed the focus on ornamentation of the Doric, Ionic and Corinthian columns (orders).

The Five Orders

The **Greek Doric Order** is the oldest, simplest and sturdiest of the five Classical Orders. Distinguishing characteristics of the Doric Order are that it has no base or plinth and that it is thicker than an Ionic or a Corinthian column of the same height. The Doric has shallow flutes and an entasis, which is a flat curve on the tapering shaft. The columns of the Parthenon, the most famous temple on the Acropolis in Athens, are of the Doric Order.

The **Ionic Order** has twenty-four flutes or vertical grooves which emphasize its height. The volutes, or stone spirals, are the most distinctive feature of these columns. The capital resembles an open scroll. The columns of the Erechtheum, a temple on the Acropolis, are of the Ionic Order.

The **Corinthian Order** is distinguished by the tall inverted bell-shaped capital which is decorated with carved acanthus leaves and small volutes. Almost all of the buildings erected by the Romans employ this Order. The columns of the Monument of Lysicrates and the Olympieion in Athens are of the Corinthian Order.

The **Tuscan Order** is noted for its simplicity and is an adaptation of the Doric. The columns of the Temple of Piety in Rome and the Lower Order of the Amphitheater at Arles are of the Tuscan Order.

The **Composite Order** is a heavier Corinthian column and its capital is an ornate combination of the Ionic and the Corinthian. The Composite capital and a Corinthian entablature are used in the Arch of Titus in Rome.

Our proportioning scale follows that of Vignola. We recognize that other designs, such as those of Palladio, Serlio, etc. are available and we can follow those at your discretion.









PHOTOGRAPHY: HART/COLLIER

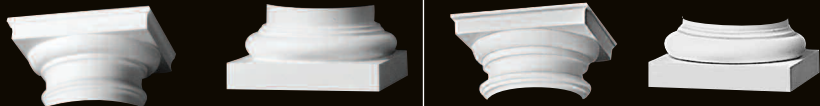


PHOTOGRAPHY: HART/COLLIER

A COMPARISON OF OUR WOOD COLUMNS

| AUTHENTIC REPLICATION™ TYPE I Design Series 100 | | CLASSIC™ TYPE III Design Series 300 | | COLONIAL™ TYPE IV Design Series 400 | |
|---|---|--|--|---|--|
| Material | All species of wood | | Paint-grade wood, Redwood/Cedar | | Paint-grade wood, Redwood/Cedar |
| Stave/Wall Thickness Before Turning | 2" thru 4" - Solid 4" thru 5" Dia. - 1" +/- 6" thru 10" Dia. - 1 1/2" +/- 12" thru 22" Dia. - 2" +/- 24" thru 36" Dia. - 3" +/- 30" thru 36" Dia. - 4" (on fluted columns only) 3" on plain | | 6" thru 12" Dia. - 1 5/16" +/- 14" thru 18" dia. - 1 1/2" +/- 20" Dia. - 2" +/- 24" Dia. - 2" +/- | | 6" thru 12" Dia. - 1 5/16" +/- 14" thru 18" Dia. - 1 9/16" +/- 20" Dia. - 2" +/- |
| Glue Bond | TYPE 1 Waterproof Casein Glue |  | TYPE 1 Waterproof Casein Glue |  |  |
| Plain Capitals | Design: Tuscan, Greek, & Roman Doric. Material: Wood, fiberglass, polyurethane | | Design: Stock Material: Polyurethane or wood for an additional charge | | Design: Stock Material: Polyurethane or wood for an additional charge |
| Decorative Capitals | Most styles available. Material: cast marble, Polyester resin, fiberglass, plas- ter & wood resin-stain grade plaster | | Available in most sizes, but may not fit properly. Material: Fiberglass/ plaster, cast marble | | Available in most sizes, but may not fit properly. Material: Fiberglass, plaster, cast marble |
| Bases | Design: Tuscan, Roman Doric, Attic Material: Wood, marble composite, polyurethane, fiberglass | | Design: Stock Material: Polyurethane or wood | | Design: Stock Material: Polyurethane or wood |
| Plinths | Materials: Wood, fiberglass, polyurethane, or cast aluminum for most column sizes. | | Material: Polyurethane or wood | | Material: Polyurethane or wood |
| Taper | Architecturally correct entasis, bottom 1/3 straight, upper 2/3 tapered or custom to your specifications | | Architectural entasis, bottom 1/3 straight, upper 2/3 tapered at standard heights | | Straight taper full length of column shaft |
| Astragal | Architecturally correct proportions & projections (bead moulding) | | Classic: Architecturally correct | | Double bead. Not architecturally correct. |
| Flutes | Architecturally correct Ionic & Doric flutes taper up the shaft in both width and depth. Extends approximately 1/2" from top and bottom of shaft and can be adjusted. | | Flute dimensions remain constant entire length of column shaft. Fillet tapers. Flutes are more shallow than Authentic. | | Flute dimensions remain constant entire length of column shaft. Fillet tapers. Flutes are shallow. |
| Exterior Coating | Three coats oil-base primer; hand sanded between coats. | | Finish sanding and priming optional. | | Finish sanding and priming optional. |
| Interior Coating | Heavy asphaltum coating applied on the bottom edge and top if exterior | | Optional | | Optional |
| Shaft Diameter | Actual | | Nominal | | Nominal |
| Length of Column | Built to overall length desired. Overall length includes the capital, shaft, base molding & plinth. | | Standard lengths: Overall length includes the capital, shaft, base molding & plinth. Column shaft can be cut in field. | | Standard lengths: Overall length includes the capital, shaft, base molding & plinth. Column shaft can be cut in field. |
| Lead Time | 4-6 weeks | | Quick ship may be available for up- charge. 3-4 weeks: 6"-12" Dia. with lengths 12' or less. 4-5 weeks: 6"-12" with lengths greater than 12', and 14" diameter and larger. | | Quick ship may be available for up- charge 3-4 weeks: 6" - 12" Dia. with lengths 12' or less. 4-5 weeks: 6" - and 14" diameter and larger |
| Crating | Standard | | Optional | | Optional |
|  | |  | |  | |

A COMPARISON OF OUR COMPOSITE COLUMNS

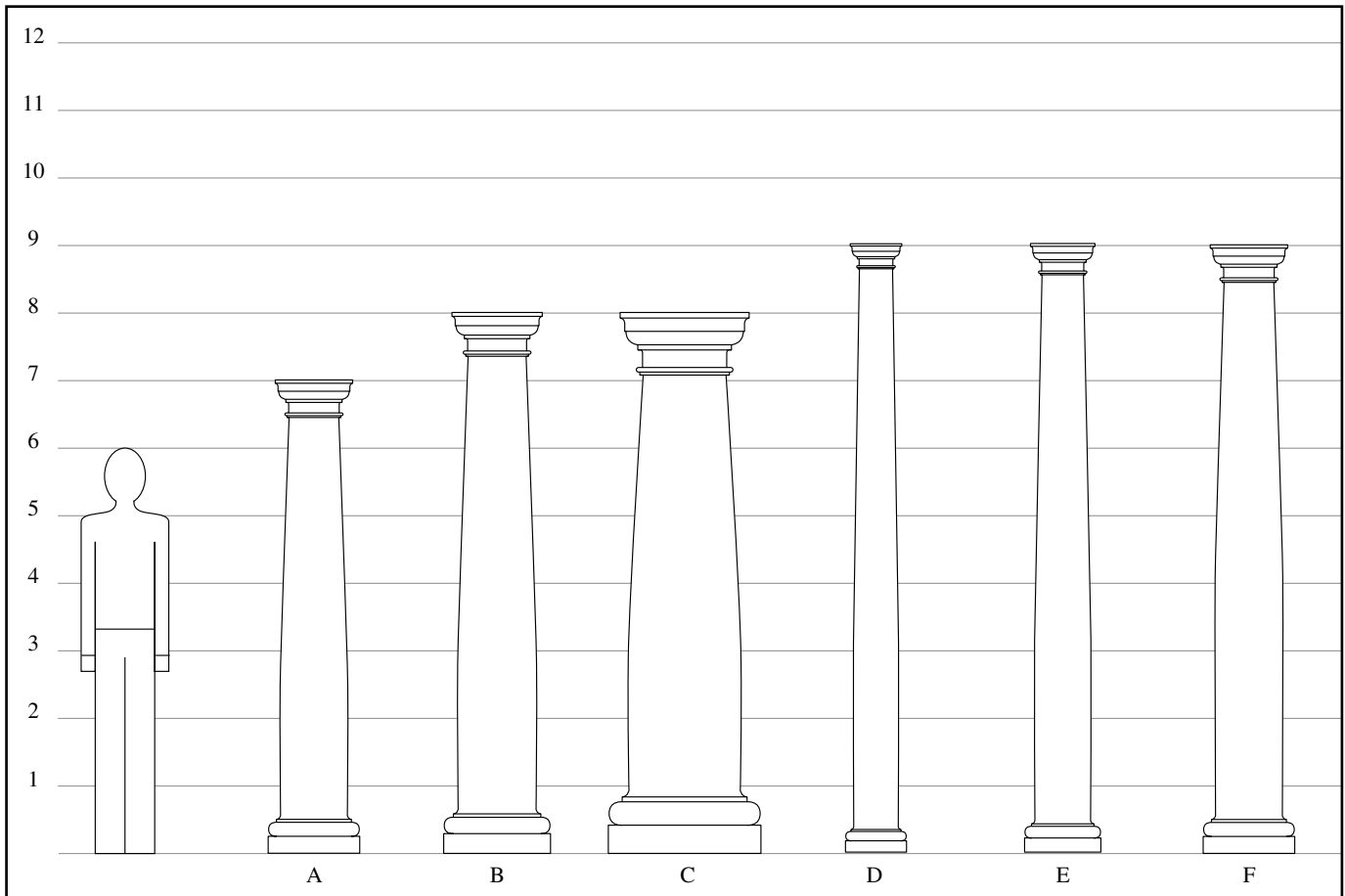
| POLYSTONE™ TYPE II | | COLOSSAL™ TYPE II | |
|-------------------------------------|--|--|--|
| Design Series 200 | | Design Series 200 | |
| Material | Composite Fiberglass/Polymers | Composite Fiberglass/Polymers | |
| Stave/Wall Thickness Before Turning | 6" to 16" Dia. - 1/4" - 3/8" +/- 18" to 24" Dia. - min. - 1/2" - 5/8" +/- 32" to 36" Dia. - min. - 1 1/4" +/- (can be much thicker) | 14" thru 36" Dia. - 1/4" - 1/2" +/- Many custom sizes available. | |
| Glue Bond | Unnecessary | Unnecessary | |
| Plain Capitals | Design: Tuscan & Roman Doric Material: Depends on size. Cast fiber, polyurethane, or fiberglass | Design: Tuscan & Roman Doric Material: All the same material | |
| Decorative Capitals | Available in most sizes but may not fit properly. Material: PolyStone, cast marble | Available in most sizes and designs | |
| Bases | Design: Tuscan, Doric & Attic Material: Depends on size, Cast fiber, polyurethane, or fiberglass | Design: Tuscan, Doric & Attic Material: Depends on size | |
| Plinths | Material: Depends on size. Cast fiber, polyurethane, or fiberglass | Material: Fiberglass | |
| Taper | Architecturally entasis, bottom 1/3 straight, top 2/3 tapered at standard mold sizes | Architectural entasis, bottom 1/3 straight, upper 2/3 tapered at all sizes | |
| Astragal | Classic | Classic | |
| Flutes | Flute dimensions remain constant entire length of column shaft. | Flute dimensions remain constant entire length of column shaft. Architecturally correct. | |
| Exterior Coating | Requires priming & painting on site | Requires painting | |
| Interior Coating | Unnecessary | Unnecessary | |
| Shaft Diameter | Nominal | Nominal | |
| Length of Column | Overall length includes the capital, shaft, base molding & plinth. Column shaft can be cut in field | Overall length includes the capital, shaft, base molding and plinth. | |
| Lead Time | Quick ship available for up-charge. 2-3 weeks: Up to 12" Dia. 4-5 weeks: 14" Dia. & larger | 6-8 weeks | |
| Crating | Optional | Not necessary | |
| A closer view: |  | | |



PHOTOGRAPHY: BARBARA HEDDINGER

PROPORTIONAL CHART

Please find your column size on the charts and then match the letter over the chart to the letter under the column drawing to visualize what your column will look like. Sizes given are bottom diameters and overall heights. Dimensions highlighted represent columns shown on the chart, but columns are not to scale.



| A | B | C | D | E | F |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 10" x 5' | 10" x 4' | 18" x 6' | 6" x 7' | 6" x 5' | 8" x 5' |
| 12" x 7' | 12" x 6' | 20" x 8' | 8" x 9' | 8" x 7' | 10" x 7' |
| 14" x 9' | 14" x 8' | 22" x 10' | 10" x 11' | 10" x 9' | 12" x 9' |
| 16" x 11' | 16" x 10' | 24" x 12' | 12" x 13' | 12" x 11' | 14" x 11' |
| 18" x 13' | 18" x 12' | 26" x 14' | 14" x 15' | 14" x 13' | 16" x 13' |
| 20" x 15' | 20" x 14' | 28" x 16' | 16" x 17' | 16" x 15' | 18" x 15' |
| 22" x 17' | 22" x 16' | 30" x 18' | 18" x 19' | 18" x 17' | 20" x 17' |
| 24" x 19' | 24" x 18' | 32" x 20' | 20" x 21' | 20" x 19' | 22" x 19' |
| 26" x 21' | 26" x 20' | 34" x 22' | 22" x 23' | 22" x 21' | 24" x 21' |
| 28" x 23' | 28" x 22' | 36" x 24' | 24" x 25' | | 26" x 23' |
| 30" x 25' | 30" x 24' | | 26" x 27' | | 28" x 25' |
| 32" x 27' | 32" x 26' | | 28" x 29' | | |
| 34" x 29' | 34" x 28' | | 30" x 31' | | |
| 36" x 31' | 36" x 30' | | 32" x 33' | | |
| | | | 34" x 35' | | |
| | | | 36" x 37' | | |

PROPORTIONAL CHART



| G | H | I | J | K | L |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 6" x 8' | 6" x 4' | 8" x 4' | 14" x 6' | 16" x 6' | 6" x 6' |
| 8" x 10' | 8" x 6' | 10" x 6' | 16" x 8' | 18" x 8' | 8" x 8' |
| 10" x 12' | 10" x 8' | 12" x 8' | 18" x 10' | 20" x 10' | 10" x 10' |
| 12" x 14' | 12" x 10' | 14" x 10' | 20" x 12' | 22" x 12' | 12" x 12' |
| 14" x 16' | 14" x 12' | 16" x 12' | 22" x 14' | 24" x 14' | 14" x 14' |
| 16" x 18' | 16" x 14' | 18" x 14' | 24" x 18' | 26" x 16' | 16" x 16' |
| 18" x 20' | 18" x 16' | 20" x 16' | 28" x 20' | 28" x 18' | 18" x 18' |
| 20" x 22' | 20" x 18' | 22" x 18' | 30" x 22' | 30" x 20' | 20" x 20' |
| 22" x 24' | 22" x 20' | 24" x 20' | 32" x 24' | 32" x 22' | 22" x 22' |
| 24" x 26' | 24" x 22' | 26" x 22' | 34" x 26' | 34" x 24' | 24" x 24' |
| 26" x 28' | 26" x 24' | 28" x 24' | 36" x 28' | 36" x 26' | 26" x 26' |
| 28" x 30' | 28" x 26' | 30" x 26' | | | 28" x 28' |
| 30" x 32' | 30" x 28' | 32" x 28' | | | 30" x 30' |
| 32" x 34' | 32" x 30' | 34" x 30' | | | 32" x 32' |
| 34" x 36' | 34" x 32' | 36" x 32' | | | 34" x 34' |
| 36" x 38' | 36" x 34' | | | | 36" x 36' |

MOST OFTEN ASKED QUESTIONS

Answered by Jeffrey L. Davis, Principal Designer & Founder

Is there really a difference in the columns?

While at first glance, it might be difficult to see the differences that affect the cost, a column is just like a fine piece of art, the more you look at it the more it feels just right. The more familiar you become with columns, the more you will be able to see the differences. It is like anything of fine quality; you must first know your subject matter and the greater your knowledge, the greater your appreciation for its qualities.

Are columns expensive to use?

While not inexpensive, columns are a good investment. Columns will enhance any project and give an immediate feeling of grandeur.

How can you sell columns for less than my local lumber yard?

Due to our large volume and ability to control our manufacturing, we are able to keep our cost low and in turn we pass the savings on to you. Since we do not offer credit, we do not have to increase our selling price to cover this area of normal loss.

I live on the water; what is the most weather resistant column?

Our PolyStone and Colossal columns are made for you. Their resistance to extreme weather conditions make them excellent choices for use on trellises, arbors, pergolas, porches and all exterior applications, especially those near water.

What is a custom column?

A custom column is one which we manufacture after you place your order. It is specifically manufactured for **your** job and uses the overall height provided by you. It can also be one where you specify all dimensions as well as the height. **What type primer and paint should I use on my columns?**

On wooden columns, use oil-based primer and paint. Do not use a primer containing zinc on redwood columns. On composite or fiberglass PolyStone columns use an exterior paint. Caution - due to the diversity of locations and weather conditions, always consult your local painting contractor for the best primer and paint for use in your area.

Do I need to ventilate interior wooden columns?

No, it is not necessary to ventilate interior wooden columns, but you must always ventilate wooden columns when used outside. PolyStone, and Colossal columns do not have to be ventilated for interior or exterior use.

Why should I discuss my project with you?

With many years of experience, our excellent staff can save you from many common mistakes. I urge you to discuss your project with one of our trained consultants for recommendations and suggestions.

I've never ordered from a mail order company shipping by truck. What happens if my columns arrive damaged?

If you notice the damage before you take possession of the product (signing the bill of lading constitutes possession), then all you do is refuse order and write on freight bill: **Damaged Goods in Shipment - Return to Sender**, and then sign it. We will immediately begin to refill your order. If the damage is noticed after you have received the product, you need to contact the freight line and ask them to send an inspector to inspect the damages. Do not dispose of any units or packing materials. We will be glad to assist you.

Why should I select my own columns instead of just buying what's at my local lumber yard?

There are many columns in the marketplace today. Most companies might offer you one or two choices. We offer you the best choice, number of designs, materials and manufacturers.

Can I install my wooden exterior columns using an alternative method from the one you recommend?

NO, all wooden column manufacturers accept only one way to install exterior columns PERIOD!

What if I am unhappy with the product?

In the unlikely event that you are not 100% satisfied, you may return all non-custom/non-altered products to us. Please contact our Customer Service Department before you ship the product back to us. We are not responsible for damage in shipments either to you or back to us. Our carriers are insured to handle responsibility if damage should occur.

How do I know I am getting the best price?

Shop around. We will not knowingly be undersold on any comparable product. We constantly monitor prices across the United States and remain competitive. We do request that you shop around before you begin your project and select the company from whom you will purchase your columns. Our services and expertise are, of course, free to our customers.

Is Chadsworth the manufacturer?

We do not physically produce our columns at our sales headquarters in Historic Wilmington, NC. Our company assembles the raw materials and components to create what becomes a Chadsworth column. We dictate the material, design, and specifications of every product we offer. Some of the manufacturing facilities we utilize produce products from Chadsworth's design collection while also producing components for other architectural product companies. Our manufacturing team is vast and brings an array of knowledge and dedication to creating the products that Chadsworth proudly stands behind.

Can I install the columns myself or will I need a contractor?

If you are installing two-story columns, you will need an experienced contractor. But if you are installing an eight-foot column or smaller and if you are handy with a saw, nails, hammer, paintbrush and level, then you can install them with some help. If not, I would hire someone. It's not as hard as you think but you need to have some knowledge and experience with the above tools. The installation instructions can be forwarded to you. If you have additional questions, our staff will be glad to assist you.

Can columns go around poles and beams?

This is one of the most frequent uses of columns today. Columns can be split in half to go around structural members. To make sure the column will fit around your pole/beam, call our sales office for assistance in determining the inside clearance of the shaft. Or you can subtract the thickness of the lumber from the top diameter if it is a pole or if it is a square piece, get the diagonal (take the square root of the two sides squared and added together!)

Are your columns made to overall height?

All columns can be made to an overall height. Columns with a design number beginning with a one (1) will have to be made to the overall height. The remainder of the design numbers can be cut to height for an additional charge. Please see manufacturing summary pages for additional information.

Why does it take so long to make my columns?

On small stock columns, we offer a 72-hour quick ship program. Any time that you are producing a product from scratch, it will take time. On our non-stock columns when we receive your order, we put your overall heights into our computer, and it generates a production formula for our computer-controlled lathes. Once this is done, we cut your staves and glue them together with a specified amount of pressure per inch. After the columns have thoroughly dried, we then take them to the lathes and turn them with the proper entasis and diminution. The computers are checked and rechecked to make sure all calculations have been performed. The columns are now ready to go to the finishing room. In this room, the utmost care must be taken. All dimensions of the columns are checked against the computer readouts and if corrections are necessary, the columns are backed off to the beginning stage. At this time, three coats of primer will be applied to each column, and they will be hand sanded between coats. Then they go to shipping. All this takes time, and you would not want us to cut out any of our controls. The wait will be worth it when you see the quality of our columns!

Why do I have to ventilate wooden columns?

It is the same effect that you get when you wear glasses or sunglasses outside in the heat from an air conditioned interior and your glasses begin to perspire. The same thing happens to columns when the temperature on the outside of the column is one degree and the interior is another degree.

Could you please explain your different types of design numbers and materials?

The four design lines range from 100 to 400 with 100 being the most authentically correct and most expensive column to the 400 series being the least expensive stock mill column.

We offer four design lines of wooden columns. The 100 Design Series is our Authentic Replication columns which are our top-of-the-line columns. They have the Renaissance architect Vignola's 1/3 - 2/3 entasis (taper) and architecturally correct astragal (bead). All proportions are fed into our computers and the exact proportions are calculated. Our 300 and 400 Designs are mass produced builder grade columns. Our Design Series 300 wooden columns are our Classic which are nominal and have the classic bead and 1/3 - 2/3 entasis. They are a stock product and do not have as fine a detail as our Authentic Replication. Our Design Series 400 wooden columns are nominal shafts with a double bead, straight taper and shallow flutes. They are a stock wood product.

Our Design Series 100 also includes our Premier Custom Collection original designs and custom columns fabricated in wood.

We offer two design lines of mass produced composite or fiberglass columns. Our Design Series 200 PolyStone was molded from our top of the line Authentic Replication columns and is made from a polyester resin, fiberglass, and marble dust composite. The capitals and bases are made of the same durable materials. Our Design Series 200 Colossal are fiberglass composite columns similar in design. They are nominal sizes with less pronounced astragal and more base molding protruding beyond the outer edge of the column shaft.

Why do you require a deposit and offer no credit policies?

Since the beginning of our business, we have found that our required deposits on all orders have lessened our bad debts and cancelled orders. This enables us to focus on your product and service not on collections. We pass along these savings from almost 0% bad debts to you with lower prices.

CHADSWORTH PROJECTS

Commercial

OCEAN CLUB AT ATLANTIS, BAHAMAS • UNIVERSAL STUDIOS, FL • EXPO DESIGN CENTER, NATIONAL • DISNEY WORLD/EPCOT CENTER, FL
• MGM STUDIOS, FL • POLO-RALPH LAUREN, NATIONWIDE • THE SMITHSONIAN INSTITUTE, WASHINGTON, DC • LENOX CHINA
• RESTORATION HARDWARE, NATIONWIDE • MAIER AND BERKELE JEWELERS, GA • WAL-MART DISTRIBUTION CENTER, GA • RIPLEY'S BELIEVE IT OR NOT, CA & TN • RITE-AID,
NATIONWIDE • CITY CLUB OF MACON, GA • CRABTREE & EVELYN, FL • CHICAGO HISTORICAL SOCIETY, IL • THE GREAT TRAIN STORE, EAST COAST • BERTUCCI'S BRICK OVEN PIZZA,
MA & FL • METTLER'S, FL & MI • ROYAL CARIBBEAN CRUISE LINES • CONGRESSIONAL COUNTRY CLUB, WASHINGTON, DC
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• DIXIE CARTER & HAL HOLBROOK, TN • THE WEBSTER-PETRIGU HOUSE, SC • ESTEE LAUDER, NY • JOHN FOGERTY, CA •
ANDY GRIFFITH, NC • ROBERT A.M. STERN ARCHITECTS, NY

Government

NATIONAL GUARD HEADQUARTERS, WASHINGTON, DC • GOVERNOR'S MANSION, WI • WALTER REED ARMY MEDICAL CENTER, WASHINGTON, DC
• MCGUIRE A.F.B., NJ • MANCHESTER PUBLIC LIBRARY, IA • OSCALOOSA PUBLIC LIBRARY, IA • NEWPORT ART MUSEUM, RI • THE FLORIDA HOUSE OF REPRESENTATIVES, FL •
SENATORIAL HOUSE OF HILLARY RODHAM CLINTON, NY • POLAND LIBRARY, OH • AUSTINTOWN BRANCH LIBRARY, OH

Schools

UNIVERSITY OF GEORGIA MAIN LIBRARY • NEW YORK SCHOOL OF MEDICINE • UNITED TALMUDICAL ACADEMY SCHOOL, NY • THE CHOATE SCHOOL, CT • UNIVERSITY OF MARYLAND •
DAVIDSON HIGH SCHOOL, AL • OHIO UNIVERSITY • UNIVERSITY OF ALABAMA • ELON COLLEGE, NC • CLAYTON STATE COLLEGE, GA • UNIVERSITY OF NORTHERN IOWA • VALLEY
FORGE MILITARY ACADEMY, PA • THE WASHINGTON INTERNATIONAL SCHOOL, WASHINGTON, DC • OAKRIDGE MILITARY ACADEMY, NC
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• OLD GLOBE THEATER, CA • MAGNOLIA PLANTATION, SC

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• CALVARY CHURCH, NC • FIRST BAPTIST OF WILMINGTON, NC • HOLY COVENANT UNITED CHURCH, NC • FIRST CHRISTIAN CHURCH, GA
• SECOND BAPTIST CHURCH, GA • CHRISTIAN CHURCH CHILDREN'S HOME, KY • ST. PAUL'S EPISCOPAL CHURCH, OH • HOLY TRINITY CATHOLIC CHURCH, GA • THE CHRISTIAN
CHURCH, MI • THE WORLD CHANGERS MINISTRIES, GA • SALVATION ARMY HEADQUARTERS, FL • RHEMA BIBLE TRAINING CENTER, OK

Designer Show Houses

JOHN F. KENNEDY CENTER'S DECORATOR'S SHOWHOUSE-1991, WASHINGTON, DC • AIA EXAMINER HOMEFAIR, CA
• EDITH WHARTON DESIGNER SHOWHOUSE-1992, MA • ENERGY SMART HOUSE-1995, BROWN'S FARM, GA • STREET OF DREAMS SMART HOUSE-1991, OR
• CHARLESTON SYMPHONY DESIGNER SHOWHOUSE-1992, SC • BEST SMALL HOUSE-1990, NY • THE BUSY WOMAN'S DREAM HOUSE-1990, GA
• VESTA HOME SHOW-1993, TN • HOUSE OF THE YEAR-1993, IL • HOMEARAMA-1996, OH • OLIVER SHOWHOUSE FABULOUS HOMES-1996, JAPAN
• FINE ARTS & FLOWERS AT THE GIBBES MUSEUM OF ART-1998, SC • THE **MIDWEST LIVING** MAGAZINE SHOW HOUSE-1998, MI
• THE WASHINGTON DESIGN CENTER SPRING 2000 DESIGN HOUSE, WASHINGTON, DC • THE WASHINGTON DESIGN CENTER, "FRENCH HOUSE"-1998, WASHINGTON, DC
• **COUNTRY LIVING'S** SHOW HOUSE-1997, WA • ROCKEFELLER CENTER FLOWERS & GARDEN SHOW-1997, NY • INDIANAPOLIS SHOWHOUSE-2003, IN
• **MARTHA STEWART LIVING'S** PROJECT APARTMENT-1998, NY • ROCHESTER SYMPHONY SHOW HOUSE-1997, ROCHESTER, MI

Magazine Features

ARCHITECTURAL DIGEST, SUTTON PLACE PUZZLE DESIGNED BY SANDRA NUNNERLY • **COUNTRY LIVING**, HOUSE OF THE YEAR-1993, IL
• **BUILDER/ARCHITECT**, VESTA HOME SHOW-1993, TN • **BETTER HOMES & GARDENS**, COUNTRY COMFORT WITH CITY STYLE, MI
• **BUILDER/ARCHITECT**, CALLEIRO BROS., INC., GA • **FAMILY CIRCLE**, THE BUSY WOMAN'S DREAM HOUSE-1990, GA
• **HOUSE BEAUTIFUL**, BEST SMALL HOUSE-1990, NY • **BUILDER/ARCHITECT**, LIJEDAH BROS., INC., BUILDER & PETER CHOW,
ARCHITECT, CT • **ATLANTA HOMES & LIFESTYLES**, CAMP DAVIS AT LAKE LANIER, GA • **AMERICAN BUILDER**, IDEAL HOME PROPERTIES, INC., GA
• **COUNTRY LIVING**, HOUSE OF THE YEAR-1997, WA • **BUILDER/ARCHITECT**, COVINGTON HOMES, IN • **BUILDER/ARCHITECT**, BOB LAZARRI, MA
• **BUILDER/ARCHITECT**, TIM WINTERS, KY • **BUILDER/ARCHITECT**, FREDERICK HOBBY ASSOCIATES, CT • **GARDEN DESIGN**, GARDEN STYLE PROJECT AT
30 ROCKEFELLER PLAZA-1998, NY • **CLASSIC AMERICAN HOMES** 25TH ANNIVERSARY HOUSE - 2000, NC

Movies/TV

LAW & ORDER • *KISS & TELL* • *BRUNO* • *LOW COUNTRY LIVING* • *THAT 70'S SHOW* • *HAVEN* • *LOLITA* • *INTERIOR MOTIVES* • *YOUR NEW HOUSE* • *GLORY GLORY*
• *IT COULD HAPPEN TO YOU* • *NIGHT FLYER* • *THE RICKI LAKE SHOW* • *THE ROSIE O'DONNELL SHOW*
• *CURB APPEAL* • *HOME AGAIN WITH BOB VILLA* • *THIS OLD HOUSE*

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Dear Supporter of Classical Architecture,

What is the Institute?

For the building professional, the elements and ideas that define the classical system of architecture have long been acknowledged as a cornerstone of our cultural inheritance. Yet almost without exception schools today fail to make available the kind of training programs in traditional building which address the interests of the practitioner. Such instruction includes the opportunity to learn from the standpoint of the designer or builder the methods, forms, and theories that make up the classical tradition.

The Institute for the Study of Classical Architecture has been established to repair this educational shortcoming by providing current and future professionals with the chance to receive advanced training in classical building, in both its technical and artistic dimensions. Its programs have been crafted on the philosophy that a familiarity with traditional form is an objective which goes beyond questions of style, and that modern practitioners can only enhance the quality of their own work for having learned about architectural design and craft through the classical perspective. We are therefore not a historical society, but an organization which aims to restore our knowledge of traditional building by re-educating new generations of architects, preservationists, builders, craftspeople, and students in these time-honored techniques.

Institute Activities:

- **THE CLASSICIST:** The award-winning annual publication of the Institute, featuring articles, technical information, book reviews, and portfolios of recently designed and built classical work.
- **EDUCATIONAL SEMINARS:** An annual weekend conference and workshop held in New York. Past topics include *Creating the Classical Residence Today*, *The Ornament of Classical Architecture*, and *Classical New York, Classical America*.
- **SUMMER PROGRAM IN CLASSICAL ARCHITECTURE:** A six-week intensive training program, offered yearly since 1992 in conjunction with New York University. Attended by architects, building professionals, and students from around the world.
- **NYU CERTIFICATE PROGRAM AND FALL CLASSES:** Taught by Institute faculty, New York University's certificate program and fall evening courses in classical architecture are designed for working professionals wanting in-depth instruction in traditional building.
- **INSTITUTE SERIES OF FINE BOOKS:** Reissued and new works on the classical legacy.
- **INSTITUTE SUMMER LECTURE SERIES:** A lecture series open to the public, free of charge.

Sincerely,



Jeffrey L. Davis
Board of Directors

To be kept informed of Institute activities, or to obtain more information about them,
send or telefax this coupon, or call our offices.

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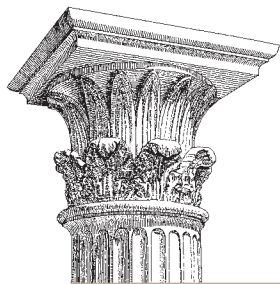
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City

State

Zip

I support the mission of the Institute, so here is my gift of: \$ _____ Make checks payable to: ISCA
CHADSWORTH'S 1.800.COLUMNS®



CUSTOMER COMMENTS

A note from Jeffrey L. Davis, our Founder and Principal Designer.

"With so many column choices, I understand you may be hesitant about ordering by mail, but here are some testimonials that show how others have successfully done so."

The customer service rep, Richard Knowles I dealt with in the process of material specification and order formulation/execution was an "11" out of a possible "10" superior. Proposal information was delivered accurately and with light speed. By far, dealing with your company as part of a major renovation on our 72 year old home was the most pleasurable experience while delivering what we ordered correctly, on time and at a great price. The rest of the construction industry could take a lesson from your organization!

Christopher Burkhardt - Stamford, CT

Dealing with **Chadsworth has been a pleasure** for me. I hope to do business again soon.

John Morgan - Houston, TX

I am **impressed** by your quick turn-around time from my order date.

David Lawson - Indianapolis, IN

Salesperson was very knowledgeable and very courteous. The columns look just beautiful in our home and they are of real quality and well constructed. Thank you for making your product the **highlight** of our home.

George LaCapra - Wolcott, CT

The material, plans and instructions were complete, simple and easy to follow. The **final "product" was perfect** in design and enhances the aesthetics of my condo unit.

Anthony Cristaldi - Bethesda, MD

I am very happy to carry your line in our store. Your company is very efficient and diligent. It was a pleasure dealing with Chadsworth.

Ed Cohen - Brooklyn, NY

You know how to run a business in a very professional manner. Thank You.

Chris Sprock - Rockford, IL I was very impressed with the **ease of ordering** and the complete and professional follow through. Thank you.

Marilyn Leung - West New York, NY

I checked out the specifications and received excellent service from Dennis Hedrick. **I think you're doing a great job.**

Larry Turk - New York, NY

Excellent service, **"on time" delivery** & product was in good condition on arrival.

Steve Falck - Berlin, MD

Thanks Jeff & Jody for your help & interest in our project. I'll send photos of progress on the deck and trellis.

Jack Paddon - Roseville, CA

Excellent product - Installation was easy, columns are in and owner is very happy! (good quality). Please place us on mailing list for new products and new updated catalogs when available. Thank you.

Joseph Simeone - Warwick, RI

I saw ad in multiple magazines. **Great company, very professional and good solid product.**

Jennifer Peppers- Franklin, TN

Keep up the good work! Service at all levels was excellent.

I am an architect and rarely encounter the level of co-operation

I've received from Chadsworth.

Marion Zentarsky - Monroeville, PA

No other company that I have dealt with for the first time **ever impressed me more.**

Rob Morrow - Baltimore, MD

It's great to do business with a **1st quality company.**

Don't ever stop!

Jeff Hudson - Amherst, NH

Jody Hedrick was exceptionally courteous and responsible.

I specify hundreds of columns a year and **Chadsworth has been exceptional.**

Tom French - Vienna, VA

I feel that I can trust the quality of all your products. Thank you for providing me with the columns for my house. I know that they have added to the distinctiveness of our home.

Ruben Calleiro - Jonesboro, GA

Sales personnel were **extremely** helpful so I received a **perfectly proportioned column** for my dining room! I love my column.

Sharon L. Oaks - Gainesville, FL

Took a chance, because I was unable to find a company that could provide what I wanted. Ms. Hedrick was extremely helpful. My thanks to her. **We will continue making purchases from you as needed.**

Dean Behunin - San Diego, CA

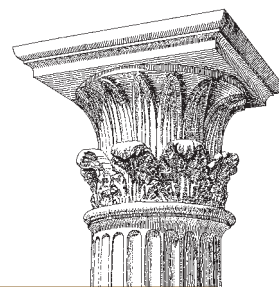
I was advised that your **product was superior to all other manufacturers.** I'm sure we will enjoy our choice.

Wallace Davis - Grand Blanc, MI

Company image, sales consultant, an example of a straight forward transaction. Thank you for your excellent product and service.

Rich Osborne - Dubuque, IA

CUSTOMER COMMENTS



Good Job! ***I wish everyone was as well run*** as your business seems to be.

David T. Grieger - Seattle, WA

We are an advertising photo studio and we are always in need of props on a moment's notice. ***Your people were extremely helpful*** in helping us meet our deadline with exactly what the client wanted. Thank you.

Denise Ward - Southfield, MI

Column scale is excellent. Product was everything described.

Easy to assemble as post covers. Column density provides feel of real stone.

Bob Wismer- Plymouth Meeting, PA

The PolyStone columns paint great. The finish is mirror like. My customer is extremely happy.

Bob Balint - Osprey, FL

Well thought of in the industry and had what we needed.

James Giuliani - Orlando, FL

Our firm considers Chadsworth to be a Cadillac or Mercedes; Somerset or Schwed to be an Oldsmobile and Turncraft and Henderson, Black and Green to be a Yugo.

Mark Arnold - Vienna, VA

You have an excellent product that we regularly receive comments on. Your sales rep, Dennis Hedrick was outstanding.

Sherri O'Mara - Hamilton, VA

Your service and follow-up inspired confidence and you had the product. I will definitely use your company next time I need columns.

Peter Yackel - Minneapolis, MN

The ***octagonal shaped, split column*** was everything I expected it to be—***beautiful***. This was my first purchase but I'm sure it won't be my last.

Brent Pettit - Cleveland, TN

1990 was when I first saw your columns. Quality superb. These cherry columns really make a statement. You must see them.

David Kane - Weston, MA

We were very pleased with the product. The ***delivery was also on time. We are very pleased!***

Gina Hayden - Bridgeport, CT

Loved the catalogue pictures and your people on the phone were so nice! I will definitely use your services as needed!

James Higgins - Winterville, OH

No middleman—and excellent quality!

Steve Clavette - Milwaukee, WI

At all times I found Chadsworth staff to be extremely polite, professional and very helpful. As an individual looking to purchase a residential column, I feared that my order would seem insignificant. I couldn't have been more wrong. Throughout the entire process, your staff was reassuring and again very helpful and responsive. You've got a wonderful business and a fine staff. Thank you for a terrific purchase experience!

Kathleen Shouldis - Ridgewood, NJ

Dear J.D., You should be very proud of all your employees. Chadsworth Inc. ***is the most professional company I have had the pleasure to do business with.*** I would also like to add the column you sent me was remarkably beautiful.

Gregory Sergovic - Devon, PA

Good catalog—helps show columns to customers; good technical assistance via phone.

Frank A. Bedford, IV - Villanova, PA

You can count on me as more than a customer; I am an advocate! Responsiveness and technical support was superb!

Robert Sherman - Warren, OH

Much better value than Schwed's or Worthington.

Columns are now installed. They look terrific. Everything went smoothly during installation. ***I'd recommend Chadsworth to anyone.***

Frank Zhart - Guyton, GA

The entire process was very easy—***Dennis was a huge help as was the accounting office*** when I had questions.

Cheri Feinman - Pittsburgh, PA

I found Mrs. Hedrick to be very helpful and knowledgeable. Her follow-up phone calls proved to me what an ***efficient and professional company you maintain.*** She is quite an asset.

Mark Bunch - Burnsville, NC

The columns arrived in perfect shape and were well crafted.

Tom Sorg - Lanark, IL

Everyone should do business your way and life would be just wonderful!

Richard Schilling - Ft. Mitchell, KY

PolyStone product appeared to be best choice for my application. Catalogue and installation instructions were very informative and helpful. Delivery was timely. Product installed easily. PolyStone appears very durable and will probably last a very long time, which is why I chose it.

Joe Sommers - Stratham, NH

Nice smooth transaction. Richard was prompt and professional.

Mike Rogers - Mobile, AL

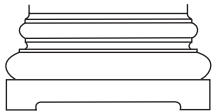
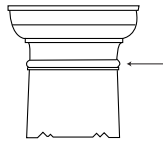
GLOSSARY

ABACUS - The uppermost part of the capital of the column; often a plain square slab, but sometimes molded or otherwise enriched.



ACANTHUS LEAF - A common plant of the Mediterranean, whose stylized leaves form the characteristic decoration of capitals of Corinthian and Composite Orders.

ASTRAGAL - A small molding of rounded, convex section.

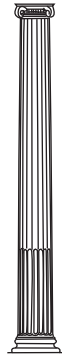


BASE, BASE MOLDING - A projecting molding or band of moldings sometimes placed directly over the plinth or a short distance above it.

BEAD, BEAD MOLDING - A convex, rounded molding, commonly of semi-circular section.



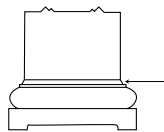
CAPITAL - The top most member, sometimes decorated, of a column, pilaster, etc.



CABLED FLUTING - A convex section of molding formed in the flutes of a column, usually in the lower third of the shaft.

CIMBIA - A band or fillet around the shaft of a column.

CINCTURE - A ring of moldings around the top or bottom of the shaft of a column, separating the shaft from the capital or base.



COLOSSAL - A large column more than a story in height.

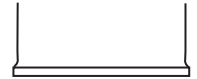


COLUMN - In classical architecture, a cylindrical support consisting of a base (except Greek Doric), shaft, and capital.

COMPOSITE, COMPOSITE ORDER - One of the five Classical Orders. A Roman elaboration of the Corinthian Order, having the acanthus leaves of its capital combined with the large volutes of the Ionic Order, and other details also elaborated.

CORINTHIAN, CORINTHIAN ORDER - The slenderest and most ornate of the three Greek Orders, characterized by a bell-shaped capital with Volutes and two rows of acanthus leaves, and an elaborate cornice.

COVE MOLDING - A molding having a concave face; often used as trim.

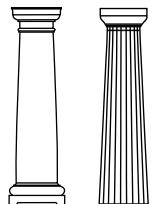


DORIC ORDER - The column and entablature developed by the Dorian Greeks, sturdy in proportion, with a simple cushion capital.

ECHINUS - The convex projecting molding of eccentric curve supporting the abacus of the Doric Capital.

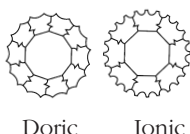
ENGAGED COLUMN - A column partially built to a wall, not freestanding and more than half protruding from the wall.

ENTASIS - The intentional slight convex curving of the vertical profile of a tapered column; used to overcome the optical illusion of concavity that characterizes straight-sided columns.



FILLET - A molding consisting of a narrow flat band, usually used in conjunction with or to separate other moldings or ornaments, as the stria between the flutes of columns.

FLUTE - A groove or channel, usually semicircular or semielliptical in section; used decoratively, as along the shaft of a column.

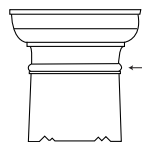


Doric Ionic

HALF COLUMN - A column projecting approximately one half its diameter, usually slightly more from a wall.

IONIC ORDER - The Classical Order of architecture, originated by the Ionian Greeks, characterized by its capital with large volutes, a fascinated entablature, continuous frieze, usually dentils in the cornice, and by its elegant detailing, less heavy than the Doric, less elaborate than the Corinthian.

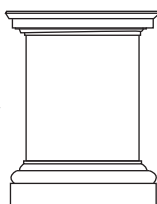
MOLDING - A member of construction or decoration so treated as to introduce varieties of outline or contour in edges or surfaces, whether on projections or cavities, as on cornices, capitals, bases, etc.



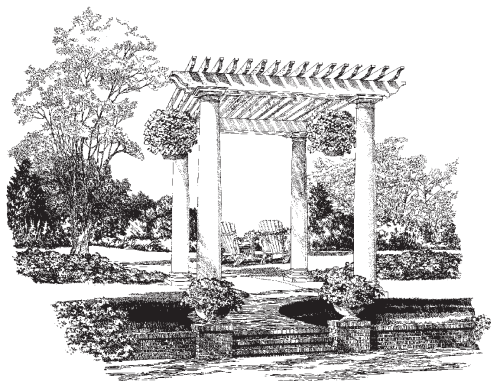
NECK - In the Classical Orders, the space between the bottom of the capital and the top of the shaft, which is marked by a sinkage or a ring of moldings.

NECK MOLDING - A necking, which takes the form of a molding of any type.

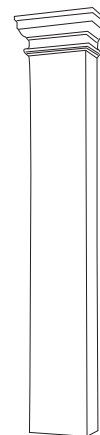
PEDESTAL - A support for a column consisting in classical architecture of a base, dado, and capital.



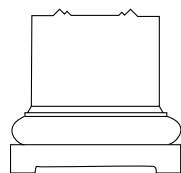
PERGOLA - A garden structure with an open frame roof, often latticed, supported by regularly spaced posts or columns.



PILASTER - A pillar that is attached to and projecting from a wall. It must be half or less than half the width of the column.

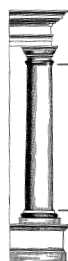


PILLAR - A square column or post.



PLINTH - The plain, continuous surface under the base molding of any column, pilaster or pedestal connecting it to the floor.

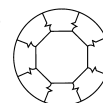
REEDING - A convex molding that runs the full length of the shaft; the reverse of fluting.



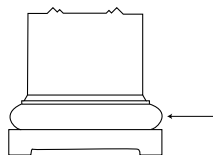
SHAFT - The portion of a column or pilaster between the base and the capital.



STAVE - One of the number of narrow boards used to build up a column or pillar.



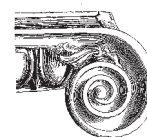
TAPER - A gradual diminution of thickness in a column.



TORUS - A bold projecting molding, convex in shape, generally forming the lowest member of a base over the plinth.

TUSCAN ORDER - A simplified version of the Roman Doric Order, having a plain frieze and no mutules in the cornice.

VOLUTES - A spiral scroll, as on Ionic, Corinthian, or Composite capital.



ORDERING INFORMATION

PLACING AN ORDER

You may order Chadsworth columns by writing or calling us at:

P.O. Box 2618, Historic Wilmington, NC 28402-2618
1.800.COLUMNS • 1.800.486.2118
or 910.763.7600 Facsimile 910.763.3191

You may visit us at our website: www.columns.com or contact us by e-mail at sales@columns.com

To process your order, we need the following information:

- Overall height of the columns, including the column shaft, base and capital.
- Column diameter at base of shaft.
- Design - Plain, fluted; tapered, non tapered; Tuscan, Doric, Roman Corinthian, etc.
- Style - Colonial, Classic, Authentic Replication, PolyStone, Colossal.
- Interior, exterior, paint grade/stain grade.
- Number of columns.

Trellises, arbors, gazebos, glass running between the columns, underneath lighting, and other special applications require special ventilation and installation. You should discuss all special column installations with a sales consultant so that you will receive the best instructions for your particular purpose.

ARCHITECT'S SPECIFICATIONS

Columns will be manufactured by Chadsworth.

Colonial ☐ Classic ☐

Authentic Replication ☐ Custom ☐ Original Design ☐

PolyStone ☐ Colossal ☐ PVC ☐

Shaft will be ☐ plain ☐ fluted.

Plan type will be

Base style will be

Capital style will be

Lumber species will be

☐ Exterior use ☐ Interior use

Wood joints will be tongue and grooved construction and pressure glued using Type-1 glue.

Base will be ☐ wood ☐ fiberglass ☐ cast marble

☐ polyurethane.

Flashing will be used for all exterior wooden columns.

☐ yes ☐ no

There will be no substitutions without prior approval.

Our experienced sales consultants will be pleased to discuss your projects and answer any questions you may have about our product line. To enable us to better serve you, we ask that you read our catalog and have it readily available when you call for assistance. All special requirements should be discussed when you place your order.

PRICING

Because many variables go into pricing our architectural columns, our price lists are to be used as a rough guide. If our raw materials go down, our prices go down. We pass the savings on to you. You get the same high quality, the same great product, and you save money. Please call for an exact price quote.

SHIPMENTS

Single Items - Most items are shipped by major freight lines and charges are freight collect, unless major credit card billing or prepayment has been arranged. We always attempt to ship via the least expensive qualified carrier and will be glad to furnish you with estimated freight charges. However, it is difficult to arrive at exact charges because of the numerous factors affecting these costs. Included in these variables are weights of more than 300 pounds, inside delivery, delivery to a business or residential address, distance from the freight terminal, interline shipping and delivery to states which require prepaid freight and delivery charges. For example, four 12" by 8' columns shipped to a business address in Washington, D.C. within the specified distance from the terminal would have an approximate freight charge of \$200.00.

Truck Load - To arrange for shipping by truckload, please contact our sales office.

Handling and crating/boxing charges are 5% on orders under \$3,000.00. Depending on production schedules, composition capitals and columns may be shipped separately and arrive at different times.

Specifications Planning Worksheet

| Quantity | Bottom Diameter | Shaft Plain/Fluted | Plan Type | Column Material | Capital Style | Base Style | Overall Height | Special Instructions |
|----------|-----------------|--------------------|-----------|-----------------|---------------|------------|----------------|----------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

ORDERING INFORMATION

DAMAGE

In the unlikely event damage occurs, please read and understand the following information.

Chadsworth is not responsible for loss or damage in transit. Any damage claims must be filed against the carrier. Therefore, it is extremely important to inspect the shipping crate/box for any visible damage **before** unpacking the merchandise, i.e. scuffs, dents, tears or creases.

If a crate/box appears to be damaged, open it and look for damage. Often the crate/box will be damaged but not the column. If the column is damaged, refuse it and have the freight line return it. Refuse any shipment by writing on the bill of lading, **"Damaged Goods in Shipment-Return to Sender,"** and sign the bill. Chadsworth will then file a claim against the carrier and place a reorder. You do have the right to open it to inspect contents (ICC Regulation 120).

If the crate/box appears to be in good condition, begin unpacking the contents. If there is no damage and the order is complete, sign the bill of lading. If goods are damaged, do not finish unpacking until the carrier has completed inspection and noted damage or missing items on the delivery ticket. Please do not dispose of any damaged units or packing materials. The carrier will inform you of procedures to follow when completing the damage claim. You must note damaged or missing items on the ticket yourself.

Again, **do not** sign the bill of lading until you are certain that all merchandise is in good condition or that the damaged crates have been noted, because it is much more difficult to collect for concealed damage after the order has been accepted. Once you sign the bill of lading with no damage noted, you have accepted the merchandise as is and Chadsworth can not file a claim against the carrier.

Please consult our Customer Service Department if you have questions concerning shipping or filing a claim.

UPS

If your shipment is being delivered UPS, the driver will bring the merchandise inside. Simply sign for it and if there is any damage, call one of our customer service consultants at 800.486.2118 to resolve the problem.



For information or
to order, please call:
1-800-486-2118
404-876-5410
MasterCard and VISA accepted.



It is also imperative to immediately paint (prime when needed) your paint-grade wooden columns and decorative capitals using an oil-based paint. Do not use latex paint. Do not prime or paint stain-grade columns.

PAYMENT TERMS

As a rule, product costs are billed prior to shipment, and freight costs come collect. After placing your order, we will fax you a copy of the invoice. The confirmation copy should be signed and returned to us with payment. If you prefer, we can mail you two copies of the invoice. One copy is for your records. The other copy is for you to sign and return with payment. On orders less than \$3,000, full payment is required at the time of the order unless prior arrangements have been made. Orders more than \$3,000 may be prepaid or half the total may be prepaid with the remainder to be paid C.O.D. However, please be aware that the freight lines levy an additional collection fee on all C.O.D. shipments equal to approximately 3-4% of the total price with a minimum \$35 charge. You also need to know that there is no freight discount on minimum shipments if the shipment is not direct and if the shipment is C.O.D.

Any balance due on orders not prepaid in full will be collected at the time of delivery. Shipping charges are also to be paid upon delivery unless billed to a major credit card or prepaid to Chadsworth. For prepaid shipping charges, a \$25 service fee is added. The C.O.D. balance must be paid with a certified check.

CANCELLATIONS AND RETURNS

Cancellations will not be accepted without a charge on orders that we are in the process of filling. **On stock columns there is a 25% restocking fee, and all returns must be approved by Chadsworth. You will be responsible for all freight charges incurred. Custom columns can not be returned.**

CUSTOMER SERVICE

Our experienced staff is ready to assist you with personalized service every step of the way from column selection to installation instructions. We will help you select your columns, place your order and estimate freight costs.

"THANK YOU"

Customer satisfaction means everything to us. Please let us hear from you. We are always interested in hearing your response and welcome any comment you may have as well as photographs of completed projects.

You are the reason we manufacture only quality merchandise of the finest materials, workmanship and design. Your satisfaction is our highest priority because you are our most valued asset.

CHADSWORTH'S 1.800.COLUMNS®

Terms and Conditions

PLEASE READ THIS DOCUMENT CAREFULLY.

THIS DOCUMENT CONTAINS A SPECIFIC DISPUTE RESOLUTION AGREEMENT.

After you place your order, we will provide you with a quotation, usually via facsimile. The quotation serves as confirmation of your order as well as an opportunity for you to make any changes to the order prior to processing. Make sure you verify all information on the quotation, including all of the product details and shipping address. Once you sign and return the quotation, changes may not be made without additional charges.

The quotation/confirmation should be signed and returned to us with payment. If you prefer, we can mail you two copies of the quotation: a copy for your records and a copy for you to sign and return with payment. We have not accepted your order until we receive your signature on our quotation with any required payment, and we reserve the right to hold production until we receive the signed quotation and full payment. We do not accept any terms or conditions on quotations or orders other than our quotation form.

Your order is subject to the following terms and conditions as well as the additional terms on the quotation. If you do not accept these terms and conditions, do not sign the quotation/confirmation and advise us immediately that you are withdrawing the order. If you submit a signed quotation or otherwise confirm your order to us, or if you allow us to proceed with production, you are deemed to accept these terms and conditions. In these terms and conditions, "we" or "us" refers to Chadsworth, Incorporated, and "you" refers to the purchaser of the column(s) or other product(s) from us. Additional terms and conditions stated in our current catalog also may apply to your order.

Payment Terms

We bill product costs prior to shipment. Any balance due on orders not prepaid in full will be collected at the time of delivery. Shipping charges are also to be paid upon delivery unless billed to a major credit card or prepaid to Chadsworth Incorporated. On orders less than \$3,000, we require full payment in good funds at the time of the order unless we have agreed otherwise in writing. On all other orders, we require at least 50% payment at the time of order and the remainder prior to shipment. Any remaining balance is due no later than the time of delivery. In the event we extend credit to you in any form, we reserve the right to withdraw credit in good faith, and you agree that we may make appropriate credit checks. On quotations or orders not paid when due, you agree to pay a late payment charge of 1.5% per month or the maximum amount permitted by law (whichever is less). You are responsible for paying all sales and use taxes relating to your purchase.

Credit Card Payments

If you desire to pay by credit card, we may require you to sign a credit card authorization form at the time of order. On credit card orders, you authorize us to charge your credit card at the time of order, although we may delay the charge at our discretion. The name on the credit card must be the same as the name on the quotation or we must have a written release from the cardholder.

C.O.D.

We reserve the right to ship your order C.O.D. or similar method if we have not received full payment within a reasonable time after our notification that your order is ready to ship. You lose any freight discounts if your order is sent C.O.D. We require a certified check at the time of delivery for the entire balance due. The freight line may charge an additional fee on C.O.D. shipments, and you agree to pay this fee directly to the freight line.

Shipping Charges

Shipping and delivery charges must be paid at the time of delivery if not prepaid or charged to a valid credit card. Prepaid shipping charges are subject to an additional \$25 service fee. Shipping charges paid at the time of delivery must be paid with a certified check.

Returned Checks and Chargebacks

In accordance with Article 9 of the Uniform Commercial Code, in the event your check or credit card charge is returned to us unpaid, you agree to pay us a \$25 service fee (but no greater than the maximum fee allowed by law) plus our related bank fees and costs of collection (including, but not limited to, our reasonable attorneys' fees), in addition to late payment fees until the amount is paid in full in good funds. We may stop production until we receive certified funds, but you will remain responsible for the full amount of the order. After you return a signed quotation, you remain responsible for full payment of (and agree to pay) the amount stated in the quotation, in good funds, until we agree (or the law determines) otherwise. In the event you receive goods before you have made full payment or while you are insolvent, we retain a purchase money security interest in the goods, and your quotation serves as our demand for reclamation of the goods, until we receive full payment in good, final, and irrevocable funds.

Cancellations/Changes to Your Order

You must make any changes to your order prior to returning the initial quotation. Please inspect the quotation carefully for details about your order. After you return the quotation, orders cannot be changed or canceled without a charge. Once we have started production or ordered materials for your order, the cancellation charge may vary, and in some cases, we may not be able to cancel the order without full payment. Orders cannot be canceled or changed after shipment.

If for some reason we must cancel or change your order, we will notify you; we do not charge you a fee if we initiate the cancellation of your order. We reserve the right to cancel orders at any time without liability to you other than refund of prepaid amounts.

Returns

Please check the product thoroughly at the time of delivery. Once you sign for the shipment, the rules of the freight line apply. If the product is damaged, sign it as "Damaged, Return to Sender." You must notify us of any defects or problems in writing within 48 hours of delivery. For latent defects, you must report these to us in writing within 48 hours of discovery. Failure to notify us within the above time periods operates as a waiver of the defect, problem, or error and all related claims. Do not return the product unless we pre-approve the return, unless you are refusing a damaged shipment. We charge a return fee and a 25% restocking fee on the return of stock columns for any reason other than for damage or defects. Products must be returned in the original packaging and in good condition. You are responsible for all return freight charges, which you must prepay. We do not accept returns of custom or altered columns.

Delivery

Any shipment or delivery times provided by us are estimates only. We do not guarantee shipment or delivery by a certain date. All orders are F.O.B. our production facility. Damage incurred during shipment should be submitted to the freight line, and we are not responsible for damage incurred during shipment or delivery. You are responsible for confirming insurance with the freight line against damage incurred during shipment or delivery. Unless you instruct us to use a specific freight line at the time you place your order, we will utilize a freight line acceptable to us. You may contact us for the name of the freight line that will be utilized to ship your product.

Product Changes

We reserve the right to make changes in our standard products, and in our catalogs and sales materials, from time to time, at our discretion, with or without notice, including (but not limited to) dimensions and prices. Dimensions and prices in our catalogs are estimates only and are not guaranteed or firm. We agree to abide by any firm price or dimension stated in your confirmed quotation.

What the Limited Warranty Covers and the Period of Coverage

We warrant that our products, as listed below, will be free from manufacturing defects in materials and workmanship, for the period listed below, when they are properly stored, installed, and finished. The warranty extends only to the original installation and terminates upon the first sale or exchange of the property after the original installation.

| | |
|---------------------------|---|
| Fiberglass Columns: | Life of the original installation |
| Polystone™ Columns: | Life of the original installation |
| PVC Columns: | Life of the original installation |
| Redwood Columns: | Ten (10) years from the date of the original installation |
| Stock Wood Columns: | One (1) year from the date of the original installation |
| Baluster/Spindle Systems: | Life of the original installation |

Your Responsibility and What is Not Covered

The above warranties are subject to the following conditions:

1. You must keep your bill of sale or provide other proof of purchase.
2. All warranty servicing must be made by servicers that we authorize.
3. This warranty is effective only if the product is purchased and used in the United States.
4. This warranty does not cover the cost of installation, removal, or reinstallation.
5. This warranty does not cover damage, defects, or failure caused by abuse or misuse; impact of foreign objects; improper installation of the product or its supports or surrounding materials; vandalism; improper storage; improper or incorrectly performed maintenance or repair; application of harmful chemicals; Acts of God, fire, water, or erosion; insects; abrasives; negligence; failure to follow manufacturer's instructions; natural expansion due to heat or humidity; or alteration.
6. All wood products used in exterior applications must be thoroughly primed and finished with a high grade exterior paint.

What We Will Do

If a product fails under a warranted condition, we will repair or replace the product, at our option, at no cost to you. If we choose to replace the product, we will replace the product with the same product or another compatible product of equal or higher value. We will pay reasonable shipping costs to and from the installation site for warranty repair or replacement. Repaired or replaced products are warranted only for the remainder of the applicable warranty period. Please see "Limitations on Liability and Warranty Exclusions" and "Disputes," below, for additional important information.

What You Must Do For Warranty Service

To file a claim, contact us at our address indicated on your quotation. Claims must be filed within the warranty coverage period. Information verifying the date of original installation may be requested. Except for implied warranties arising under state law, or as otherwise limited by law, the time within which an action must be commenced to enforce any of our obligations arising under this warranty or under any statute or law of the United States or any state thereof, is limited to ninety (90) days from the date you discover or should have discovered the defect.

Limitations on Liability and Warranty Exclusions

If a product line is not listed above in the paragraph entitled Limited Warranty, then it is sold "AS IS" with no express warranties, and any implied warranties are limited to the shortest period allowed by state law.

With the exception of any warranties implied by state law as limited in this document, the foregoing warranty is exclusive and in lieu of all other warranties and obligations. We do not warrant any services. We disclaim and shall not be liable for any indirect, consequential, special, or incidental damages, whether in contract, tort, or otherwise, and whether or not we have been advised of the possibility of the same. Except to the extent otherwise required by law, our liability in connection with any order or product shall not exceed the price you paid to us for that product, excluding freight, service fees, and taxes. We are not responsible for any costs or losses you may incur because of a canceled order, failure of delivery, late delivery or errors in delivery, mistakes on a quotation accepted by you, any inaccurate information or outdated information on our website, or an order based on an outdated catalog. The sole remedy provided by the warranty is the repair or replacement of defective products. Any refunds are in our complete discretion and do not obligate us to make any future refunds.

Commercial Customers: ALL WARRANTIES IMPLIED BY STATE LAW, INCLUDING (BUT NOT LIMITED TO) IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED.

Consumer Customers Only: ALL WARRANTIES IMPLIED BY STATE LAW, INCLUDING (BUT NOT LIMITED TO) IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THE EXPRESS LIMITED WARRANTIES SET FORTH ABOVE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Disputes

These terms and conditions and any claims, disputes, or controversies arising under or relating to these terms or conditions or your order are governed by the laws of the State of North Carolina, without regard to principles of conflicts of laws, and applicable United States federal law. The United Nations Convention on Contracts for the International Sale of Goods shall not apply. Except to the extent otherwise required by law, you agree to initiate any action against us only in the State of North Carolina, USA, and by placing your order with us, you agree to the personal jurisdiction and venue of the courts located in the State of North Carolina. Any notation on or accompanying your payment, such as "payment in full," "in full satisfaction," or the like, are deemed ineffective to extinguish any disputed claim, even if we accept the payment.

YOU AGREE TO SUBMIT ANY CLAIM, DISPUTE, OR CONTROVERSY (REGARDLESS OF THE FORM OR TYPE OF ACTION) AGAINST US TO ARBITRATION ADMINISTERED BY THE NATIONAL ARBITRATION FORUM UNDER ITS CODE OF PROCEDURE THEN IN EFFECT (available at <http://www.arb-forum.com> or via telephone at 1-800-474-2371). Except to the extent otherwise required by law, you agree that the arbitration proceedings will take place exclusively in Wilmington, North Carolina, USA. With the exception of arbitration regarding consumer warranty disputes, the above procedure shall be exclusive, and the award of the arbitrator(s) shall be final and binding and may be entered as a judgment in any court of competent jurisdiction. With respect to consumer warranty disputes, you may be entitled to file suit under state laws without submitting your claim to arbitration first. Information on arbitration may be obtained from, and a claim may be filed with, the National Arbitration Forum at P.O. Box 50191, Minneapolis, MN 55405-0191 USA.

Resale and Use

You agree that you are not buying the products for resale outside the United States and you agree not to use the products as molds for reproduction. You agree to hold us harmless against how you use the products (including but not limited to installation or application), and you agree to comply with all laws and regulations, including (but not limited to) building codes.

Miscellaneous Terms

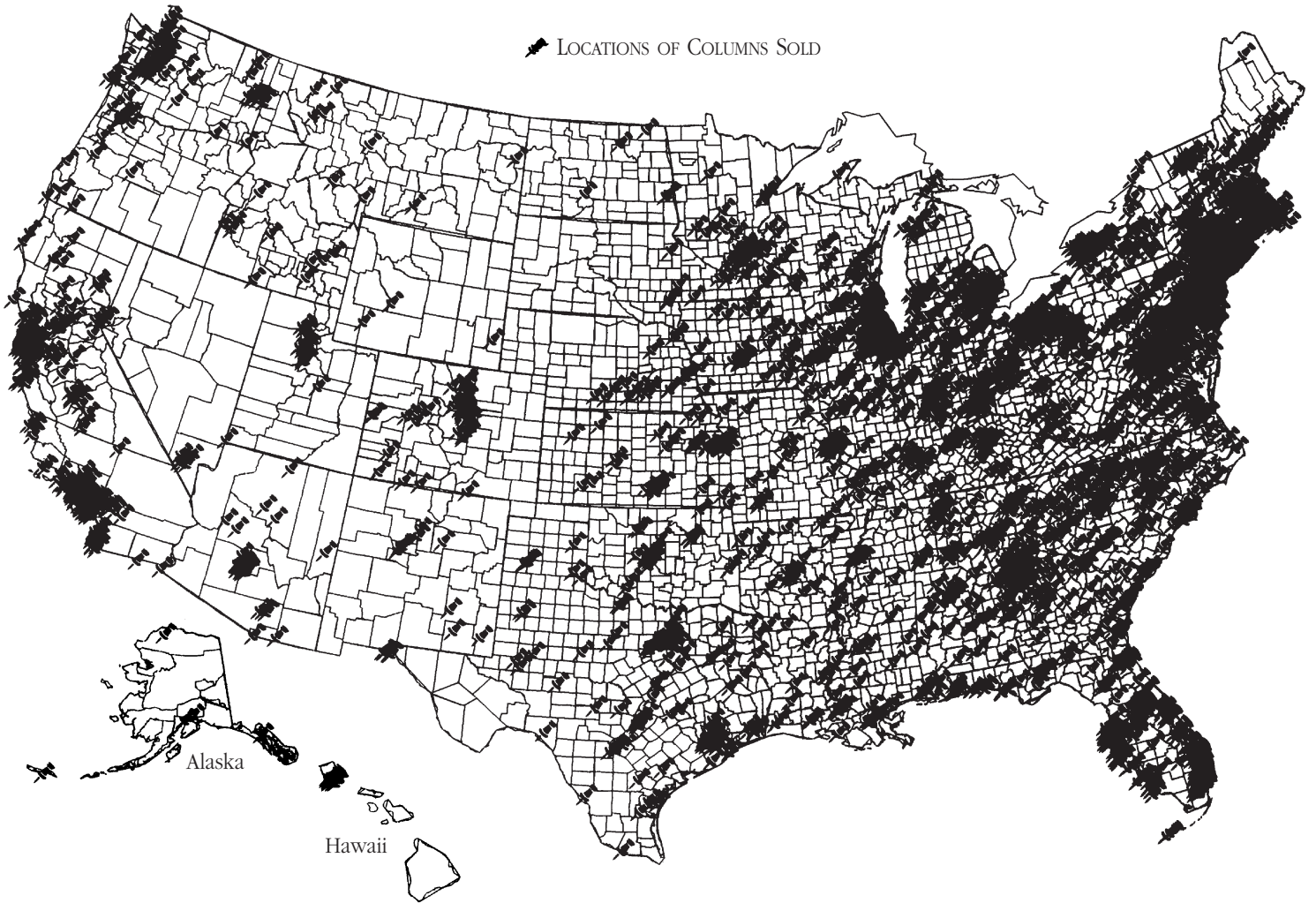
A waiver of strict compliance with any term herein shall not be deemed a continuing waiver or waive any other terms or conditions. Any modification or amendment to these terms must be in writing and signed by our President in order to be effective against us. Only a signature of a current officer of Chadsworth, Incorporated shall be binding on Chadsworth, Incorporated for any purpose. Our salespeople are not authorized to add to or vary any of these terms and conditions. If any term herein is illegal, invalid, or unenforceable, then such term shall be ignored, but the remaining terms and conditions shall remain in effect. The official language of these terms and conditions is English. All amounts stated on a quotation are U.S. Dollars unless specified otherwise. All payments must be made in U.S. Dollars unless we agree otherwise in writing. We are excused from performance to the extent of any delay or inability to perform arising due to weather events, disasters, acts of terror, governmental action or regulation, labor or materials shortages or disputes, or other circumstances not under our control. We do not consider the terms of an order or quotation to be confidential unless we agree to confidentiality on the quotation, in which case we and you agree to maintain the marked terms as confidential.

DOCUMENT\524463
02/2003

Signature: _____ Print Name: _____
Company Name: _____ Date: _____

THE CHADSWORTH'S 1.800.COLUMN'S PROJECT MAP

✦ LOCATIONS OF COLUMNS SOLD



PHOTOGRAPHY: CINDY MAHN



PHOTOGRAPHY: SAM GRAY



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: RONALD L. SOWERS



PHOTOGRAPHY: GLEN C. MOON



PHOTOGRAPHY: GRIMBALL PHOTOGRAPHICS



PHOTOGRAPHY: GLEN C. MOON



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: RUSSELL IRWIN



PHOTOGRAPHY: LEE ANGLE



PHOTOGRAPHY: GORDON BEALL



PHOTOGRAPHY: BETH SINGER (BUILDER: VITO ANTHONY HOMES)



PHOTOGRAPHY: STEVE ROOS



PHOTOGRAPHY: PHILLIP ENNIS



PHOTOGRAPHY: JEFFREY YARDIS



PHOTOGRAPHY: PHILLIP ENNIS



PHOTOGRAPHY: GARY LANGHAMMER



PHOTOGRAPHY: BARBARA HEDDINGER



PHOTOGRAPHY: GARY CULLEY



PHOTOGRAPHY: GORDON BEALL



PHOTOGRAPHY: PHILLIP ENNIS



PHOTOGRAPHY: GORDON BEALL



PHOTOGRAPHY: JOHN GRUNKE



PHOTOGRAPHY: JOHN AGNELLO



PHOTOGRAPHY: RON HAISFIELD



PHOTOGRAPHY: DANIEL HENNINGER



PHOTOGRAPHY: PHILLIP ENNIS



PHOTOGRAPHY: GORDON BEALL



PHOTOGRAPHY: JESSIE WALKER



PHOTOGRAPHY: RON HAISFIELD



PHOTOGRAPHY: GORDON BEALL



PHOTOGRAPHY: JOHN GRUNKE



PHOTOGRAPHY: MICHAEL MCKELVEY



PHOTOGRAPHY: GORDON BEALL



PHOTOGRAPHY: MICHAEL MCKELVEY



PHOTOGRAPHY: PETER RYMWID



PHOTOGRAPHY: STEVE ROOS



PHOTOGRAPHY: GILBAIN PROPERTIES



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: MICHAEL MCKELVEY



PHOTOGRAPHY: PASCAL BLANCON



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: JEFFREY L. DAVIS



PHOTOGRAPHY: GORDON BEALL



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: BARBARA HEDDINGER



PHOTOGRAPHY: HART/COLLIER



PHOTOGRAPHY: JEFFREY L. DAVIS



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