

# Ordering stone by the part

*Order our architectural stone products by the part,  
cut your costs, and get your stone faster*



## Ordering stone by the part

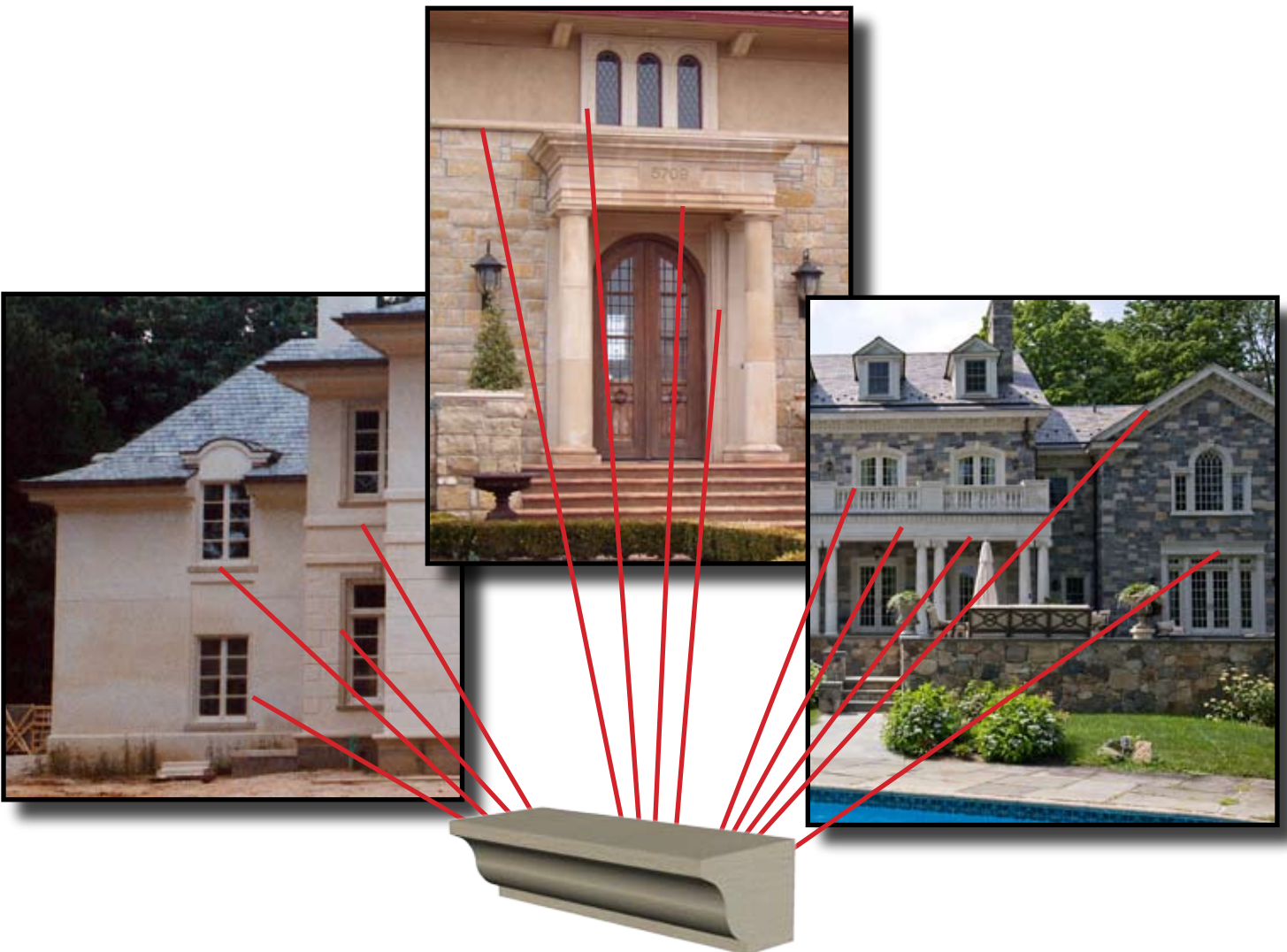
You can avoid all the design fees, and reduce your cost by the maximum amount, while speeding up the turn-around time. Order cast stone by the part and get your project built, quickly and more economically.

### What is a part?

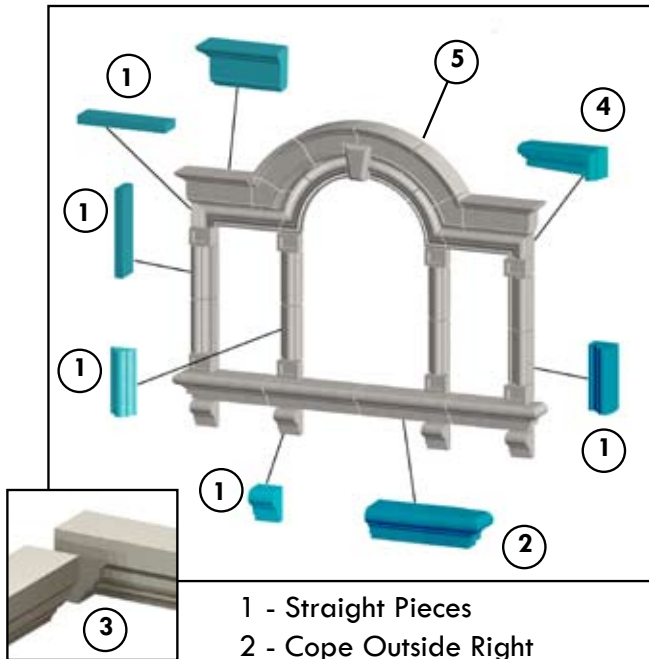
Parts are the building block of everything we do. With our standard units, each part is carefully designed to fit perfectly, with little or no field cutting. We create detailed CAD drawings that show where every piece goes. However, a creative mason can take a group of simple parts and build many of the same features at a significant savings, and by skipping the drafting and design phase, your stone can be manufactured in less time, and at a lower cost. Let us show you how.

The most common part we produce is an extruded straight part. These have a basic shape, or profile, that is extended in a straight line, as seen in the example at the bottom of the page. The additional parts can make your stone features look even more stylish. Using only straight parts requires a lot of cutting, and the mason would need to use pointed miter joints, which are hard to grout cleanly, and are more prone to breakage. You can get a better looking installation by using turns and copes for angled joints. See the next page for a brief description of the most common parts we produce.

## Straight Parts Are Everywhere



# Standard Parts



- 1 - Straight Pieces
- 2 - Cope Outside Right
- 3 - Cope Inside Left
- 4 - Turn Inside Right
- 5 - Radius

## Parts

Parts are defined as single pieces of stone, which are combined to form units. All the extruded profile pieces shown below have variations designed to fit curves, turns, and other shaped areas.

These type of parts are made from an initial flat shape, or profile. This shape is extruded to a given length, usually 3 ft.

*Jamison Profile*



## Straight Pieces

The core of so many cast stone units are straight pieces, Straight pieces are used vertically, horizontally, and cut at any angle.



*Jamison Extrusion; Straight*

## Copes

A 90° horizontal turn is called a Cope.

*Jamison Extrusion; Outside Right Cope*



*Jamison Extrusion; Inside Left Cope*



## Turns

A 90° vertical turn is called a Turn. A turn can be placed up or down.



*Jamison Extrusion; Turn Inside left*

## Inside and Outside

An outside turn or cope pivots away from the shape of the profile.



*Jamison Extrusion; Outside Left Turn*

An inside turn or cope will pivot toward the shaped and finished side of the profile.

## Radius

Curved pieces are designed to fit a variety of curves, described by the size of the complete circle the piece would make.



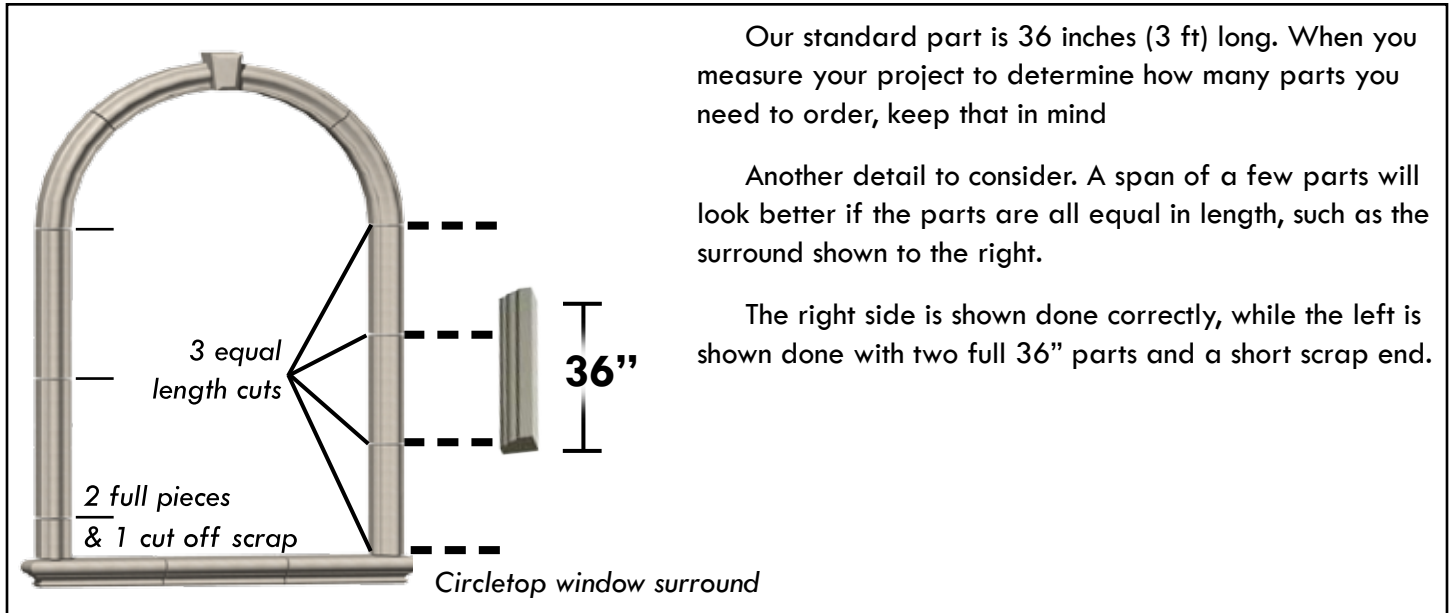
*Jamison Extrusion; Radius*

*Note: Radius parts are designed to fit a specific curve, designated by the radius of the circle the curve follows. We only produce a limited number of radii as catalog parts, (we can produce any radius, as a custom part) So check with us to see what radii are available in any given profile.*

## How to order cast stone by the part

Select your choice of architectural features; Banding, Window Surrounds, Balustrade, whatever you like.

Measure the area the stone must cover, and be sure to include some additional parts for cut off ends. (you can use the scraps for accents and other small ornaments.)



Our standard part is 36 inches (3 ft) long. When you measure your project to determine how many parts you need to order, keep that in mind

Another detail to consider. A span of a few parts will look better if the parts are all equal in length, such as the surround shown to the right.

The right side is shown done correctly, while the left is shown done with two full 36" parts and a short scrap end.

## Who can install cast stone parts?

There is one thing you will want to have when ordering and installing cast stone by the part, and that is a good stone mason, who is familiar with installation techniques used when installing cast stone. A qualified mason will be the difference between a great installation and one that looks a little crooked all over. This material is also extremely heavy, and improperly installed, it could break free and fall. This would be very unfortunate for anything underneath, as cast stone weighs about 136 lbs per cubic foot.

There are many attachment techniques, and an experienced mason will know which ones to use. This is one place where you don't want to skimp on the price.

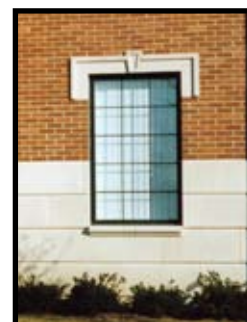
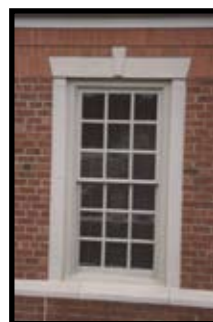
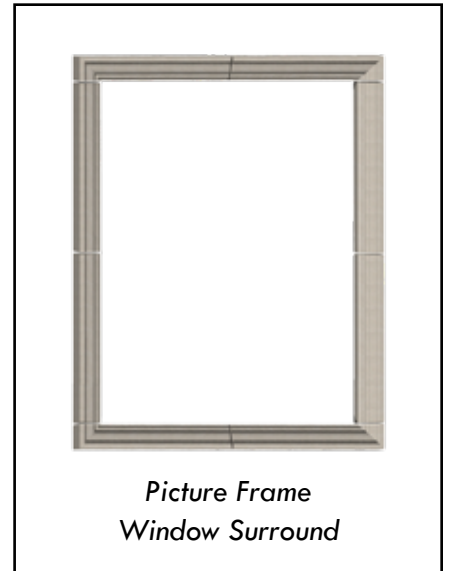
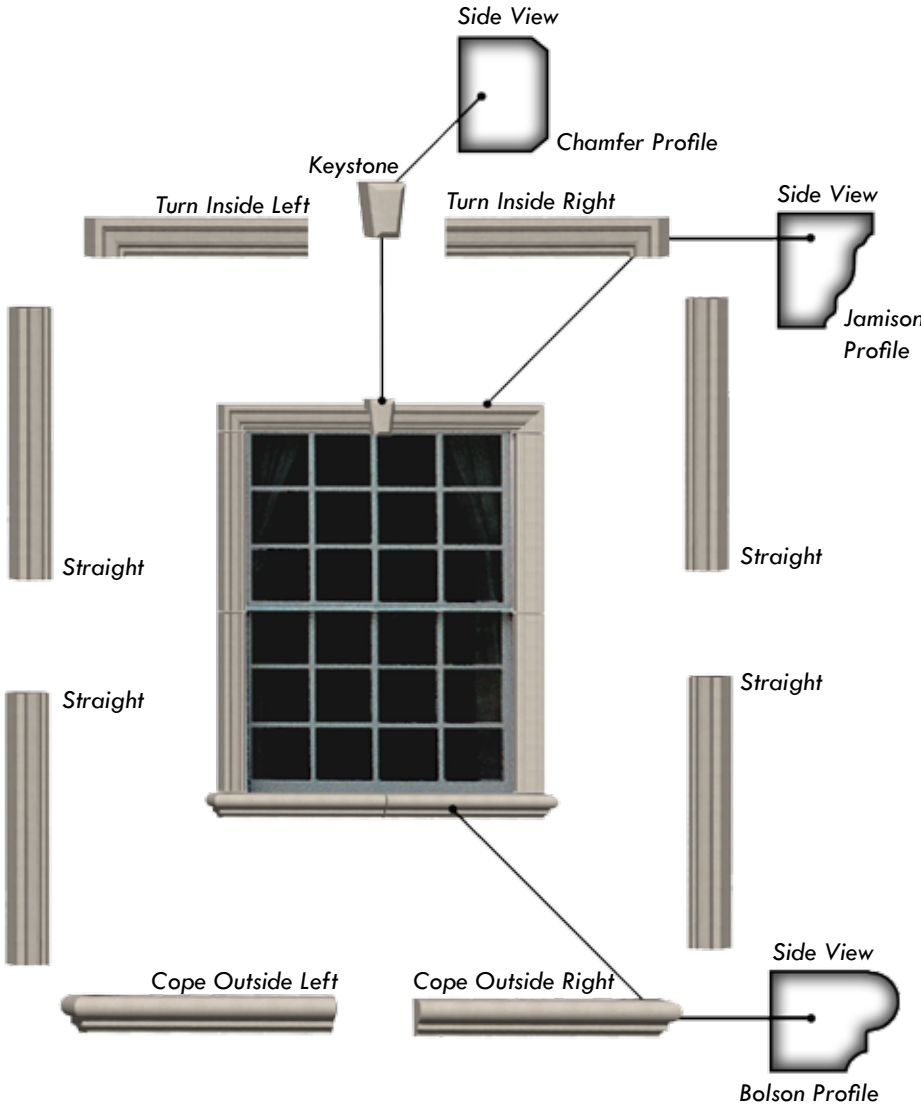




# Using parts - Window & Door Surrounds

There are many places on your building project you can use cast stone parts. The following pages describe some of the most common uses, and explains how you can use raw parts to create them.

Surrounds are probably the most popular single usage of cast stone. Window surrounds are made from several different parts as shown. The example below and to the left is made from three profiles, Chamfer, Jamison, and Bolson. Most window surrounds use one profile for the top and sides, and another one for the sill. The keystone is an optional feature, but is very common. A simpler design, called a "picture frame" surround uses the same profile for all sides. Door surrounds are the same, except they don't have a sill at the bottom. Some window surrounds will not use sides at all, and may or may not have a sill or a keystone. These are called Jackarches.

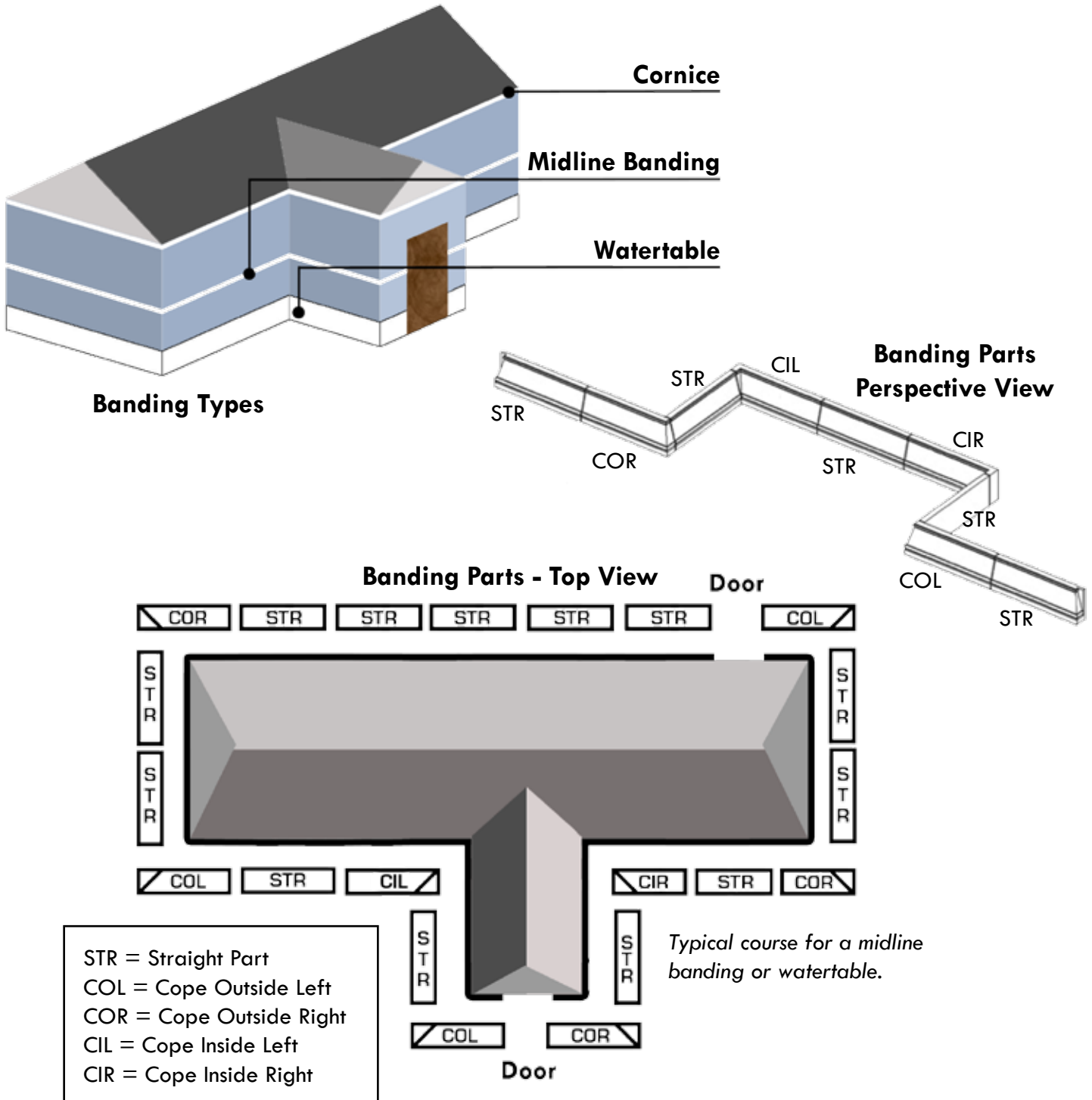


# Using Parts - Banding

Banding is a decorative strip that usually runs either along the bottom of a home (watertable) or between the roof and ground (midline banding). It can also run along the roof line (cornice).

Banding is usually made of straight pieces and copes for horizontal corners. These pieces shown run completely around the house, except for doors, windows, and other interruptions.

Banding is perhaps the simplest architectural feature to order and install with an order of parts. Select your profile, and the position on the house you want to apply banding, measure the distance that needs to be covered, and count the number of 3 ft. parts you need to cover that distance. Then figure the number of copes, (inside and outside, right and left) needed for the corners your project contains.

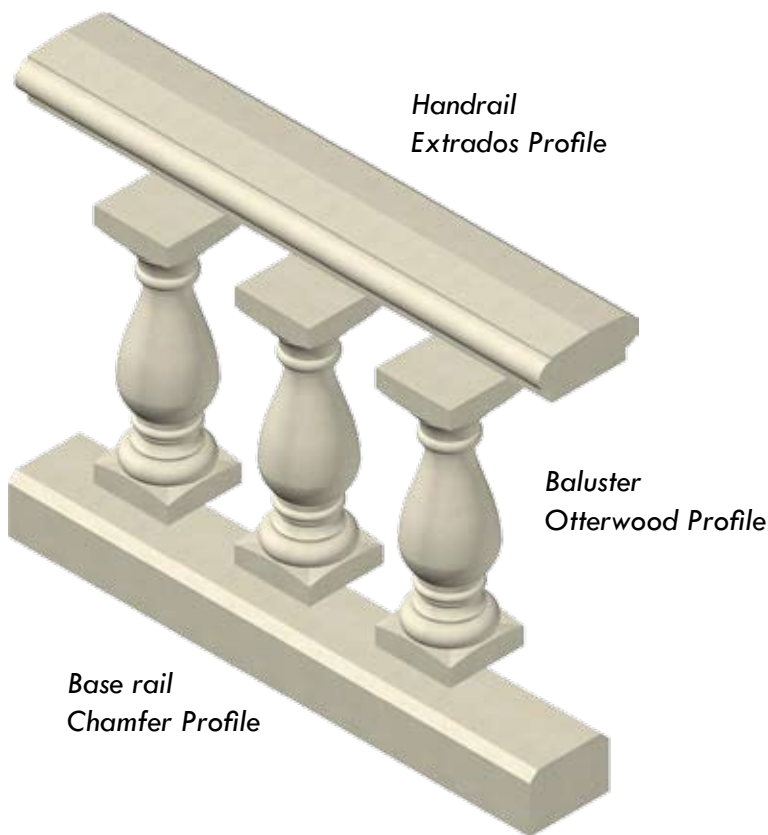


# Using Parts - Balustrade

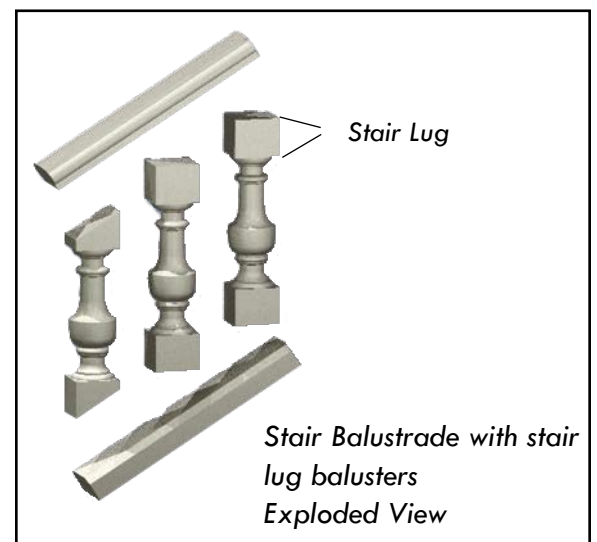
We manufacture a wide array of Cast Stone for landscaping, pools, and patios. Much of our most popular outdoor products are made from the same types of parts; straights, copes, turns, and radius parts. With the addition of few select non-part catalog items, like planters, a garden bench, or a fountain, and you can get a really great deal on a great deal of stone.

Balustrade include a hand and base rail, along with a row of short columns, or Balusters, between. Balusters come in different heights. There may be local building codes that specify the height that the balusters will be required to be, as well as the distance between them, so be sure to check with you local building inspector.

Balusters also come in two types, one for level areas (grade), and one with larger top and bottom sections, or lugs, that are meant to be cut to fit a slope or staircase.



Balustrade with grade lug balusters - Exploded View



# Using Parts - Landscaping, Pool & Patio

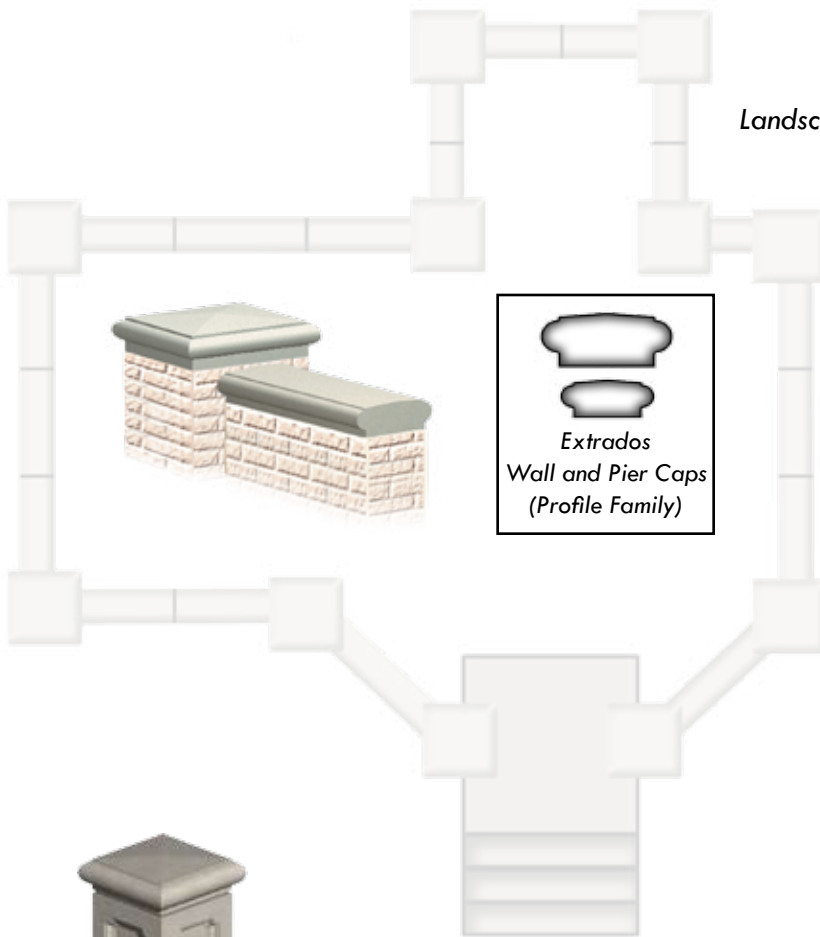
## Pavers - Panels - Coping - Wall & Pier Caps

There are many other uses you can make of cast stone, and we produce a wide product line of cast stone for landscaping.

Landscaping walls and piers commonly have caps made of stone along the top. The walls are made of bricks or rough natural stones, or another material. (We make a "Rockface" rough finish panel) These caps are another example of a profile extruded, with pieces made at 36". Surround a garden area, or outline your entire backyard in stone.

Bullnose pool coping and stair treads are flat panels with a profile along one edge. Without the curved lip they are good for floor pavers as well. Set the flat panels under a banding profile, and you have a wide water-able. The possibilities are near infinite. If you can imagine it on your home, we can produce it, and your mason can put it in, at a fraction of the cost custom stone or cut marble.

*Landscaping Wall and Pier Caps*



*Extrados  
Wall and Pier Caps  
(Profile Family)*



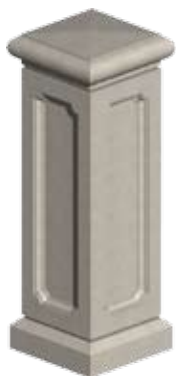
*Flatface Panel*



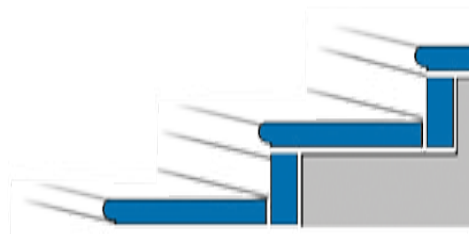
*Rockface Wall Cap*



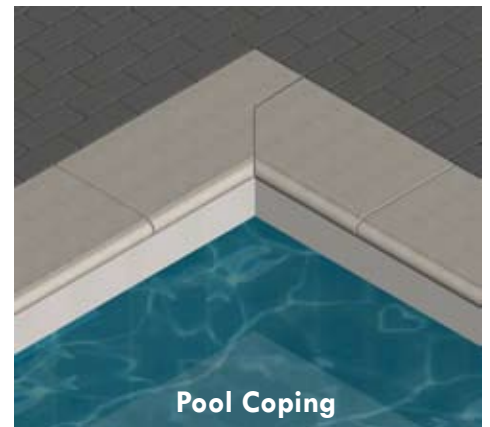
*Bullnose Step Tread  
or Pool Coping  
Cope Outside Left*



*Newel Pier*



*Stair Treads and Risers*



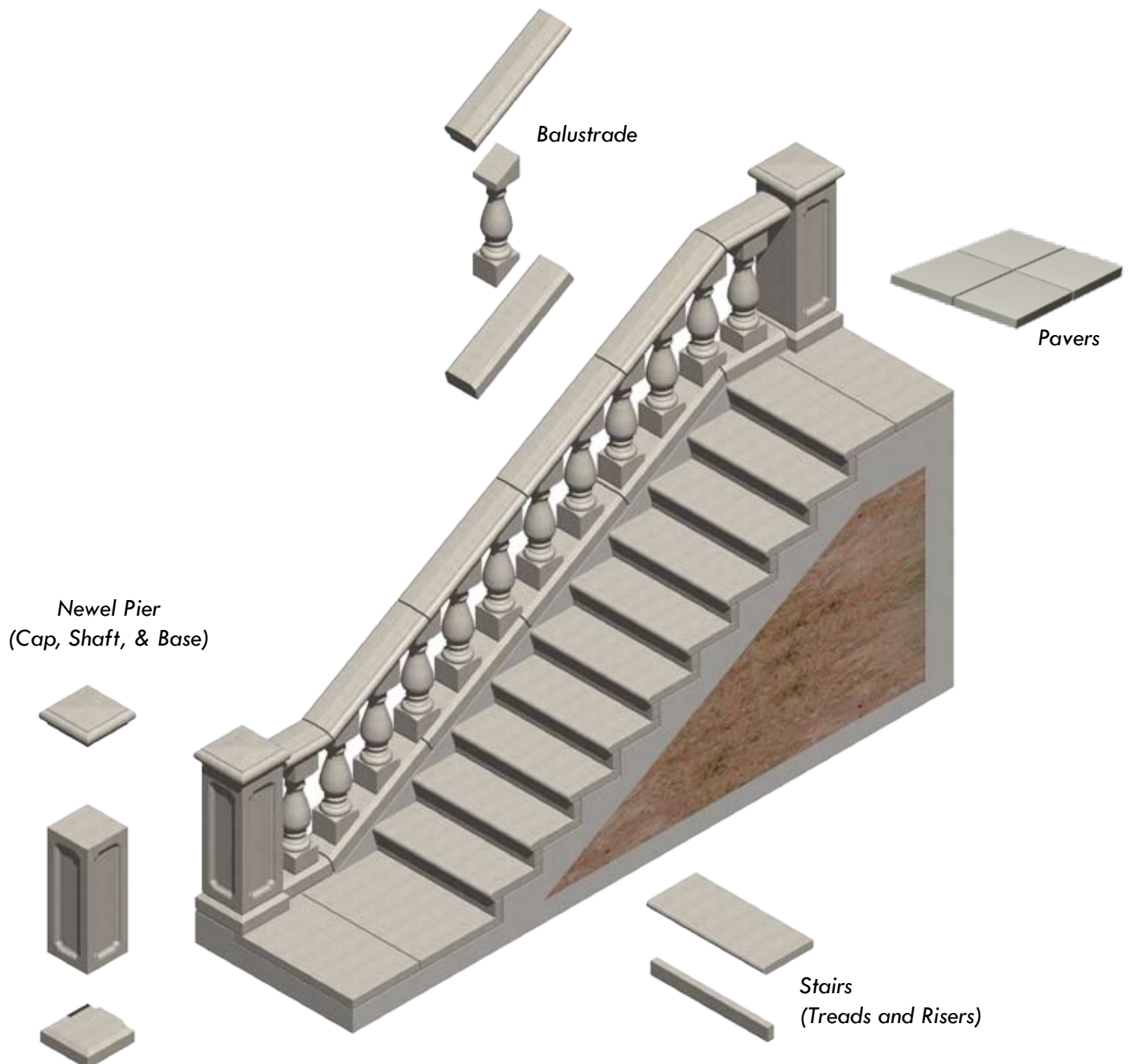
*Pool Coping*



# Using Parts - Staircase

A staircase is a complex unit, made of many different kinds of simple parts. Below we demonstrate how these standard parts can be combined to form this staircase. This shows one way you can build by the part, and create something special.

A quality mason can help you design whatever you have seen that you'd like to put on your own home or building project. There is no substitute for a quality craftsman being there, on site, installing the stone with the right techniques. If you or your mason have a question, don't hesitate to call us, and we can help you design the best way to build a dream project.



# How to place an order by the part

## 1) Select architectural features

Take a look at our website, [www.stonelegends.com](http://www.stonelegends.com), look at magazines, such as *Architectural Digest*, drive around the neighborhood. Figure out what items you want to be in cast stone.



Door Surround



Watertable



Midline Banding



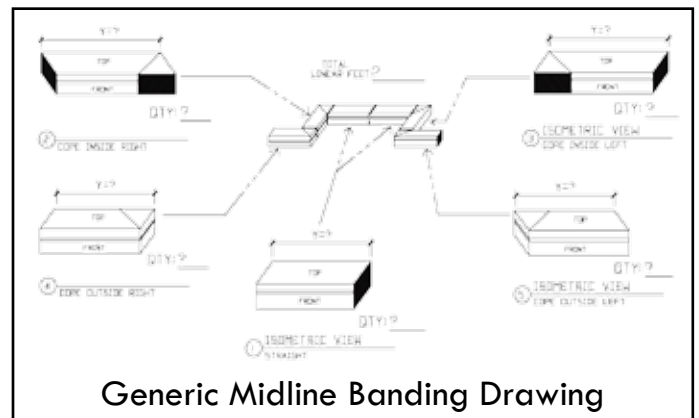
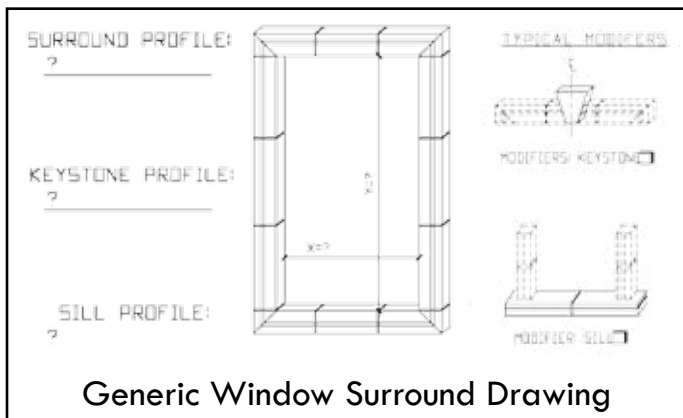
Balustrade



Wall & Pier Caps

## 2) Record selection and dimensions

List the separate units you have selected, and measure each. You might want to draw the entire house, mark the places you are planning to put cast stone, then draw each individual item and write in measurements, profile names, and part selections.



Generic Drawings, like these above, are available on our website. You must join our website membership, then sign in, and go to the "Online Catalog". Select the product you want, and click "Most Popular at the right. Click on any product name, and click on "Download Drawings". Select "PDF" for Generics, and you'll get a simple drawing we use to record dimensions and figure out the part requirements. We can also email or fax one to you.

## 3) Break down into parts

Figure out the number of parts you need for each, noting where copes and turns are needed. Remember our standard part is 36" long. Order enough to cover any wasted ends, and to avoid using too many small space-filler pieces (See the tip on the Surrounds Page, about equal length pieces)

## 4) Count up parts

Figure out the number of parts you need for each, noting where copes and turns are needed. Remember our standard part is 36" long. Order enough to cover any wasted ends, and to avoid using too many small space-filler pieces (See the tip on the Surrounds Page, about equal length pieces)

4) Send us the order, via email ([info@stonelegends.com](mailto:info@stonelegends.com)) or by fax (214-398-1293)