ARCHITECTURAL GUIDE
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INTRODUCTION

Custom Cast Stone, founded in 1993, has built a reputation for excellence in quality and customer service and maintains that reputation today. Being led by our co-founders 65 years experience in the masonry industry, has helped guide us through the years to successfully reach our goals. Knowing the Masonry business, and understanding the needs of the customer, makes it easy for our customers to do business with our entire staff. Shipping to over twenty states, we cover most of the eastern half of the United States.

Our manufacturing plant was completed in 2002 and features some of the most recent State of the Art equipment and procedures; procedures that set us apart from other Cast Stone Plants. First, our batching system is a highly refined process that uses the latest technology. Our batching system features sensors throughout, constantly checking moisture levels at all important points of the process, to ensure consistent water content in every batch produced. This means accurate color consistency throughout your entire order. Next, our products are placed in our curing chambers, soaking in high humidity and vapor, to continue to hydrate our product throughout the day. Once production is finished, the chamber is then closed and our Vapor Generator is fired, producing a dense fog and a humid environment for a period of 12 hours. Curing our stone in this manner produces high compressive strengths overnight allowing for fast delivery and handling. Vapor curing also provides a carbonization of the surface thus eliminating efflorescence. Lastly, every piece is inspected for quality, cataloged on pallet tickets, palletized, and wrapped to reduce damage during shipping. It is then stored in our ten acre yard awaiting its final destination.

Quality, Technology and Customer Service is what sets us apart from the competition. Every employee understands the importance of quality and accuracy, and is dedicated to this endeavour. From our personnel, to the equipment and technology, Custom Cast Stone is “Setting the Standard” in our industry.
Keystones

**FLAT**

3 5/8" Bed Depth

**BEVELED**

3 5/8" Bed Depth - 4 5/8" Overall

**Other Profiles Available**

- Bullseye Plain
- Bullseye Beveled
- KEY-3P1 Plain
- KEY-3B1 Beveled
- KEY-4P1 Plain
- KEY-4B1 Beveled
- KEY-5P1 Plain
- KEY-5B1 Beveled
- KEY-6P1 Plain
- KEY-6B1 Beveled

**RECESS**

* 4R1

**ROCK/SPLIT FACE**

* 4RF1

**BATWING**

* 4BW1

* 4 Course Shown
**Masonry Veneer Units**

(d) 3 5/8" x (h) 3 5/8" x (l) 23 5/8"

- Smooth CCS-104
- Splitface CCS-SF104
- Rockface CCS-RF104
- Bullnose CCS-BN104
  * 3 5/8" bed depth - 5" overall

(d) 3 5/8" x (h) 7 5/8" x (l) 23 5/8"

- Smooth CCS-108
- Splitface CCS-SF108
- Rockface CCS-RF108
  * 3 5/8" bed depth - 4 1/2" overall
- Single Chamfer CCS-SCH108
  * 2 7/8" bed depth - 3 5/8“ overall
- Full Chamfer CCS-FCH108
  * 2 7/8" bed depth - 3 5/8“ overall
- Double Score CCS-SCR108

*Custom Cast Stone* Masonry Veneer Units come in all of our standard colors and blends. Custom Colors are also available. *Custom Cast Stone’s* color specialists can custom match virtually any color you may desire for your project.
Masonry Veneer Units

(d) 3 5/8" x (h) 11 5/8" x (l) 23 5/8"

Smooth CCS-112

Splitface CCS-SF112

Rockface CCS-RF112

(d) 4 5/8" x (h) 11 5/8" x (l) 23 5/8"

Single Chamfer CCS-SCH112

* 3 5/8" bed depth - 4 5/8" overall

Full Chamfer CCS-FCH112

* 3 5/8" bed depth - 4 5/8" overall

(d) 3 5/8" x (h) 15 5/8" x (l) 23 5/8"

Smooth CCS-116

Splitface CCS-SF116

Rockface CCS-RF116

* 3 5/8" bed depth - 4 1/2" overall

Custom Cast Stone Masonry Veneer Units come in all of our standard colors and blends. Custom Colors are also available. Custom Cast Stone’s color specialists can custom match virtually any color you may desire for your project.
Masonry Veneer Units (Corners)

(d) 3 5/8" x (h) 11 5/8" x (l) 22 5/8"

**Splitface CCS-SF112 END

**Rockface CCS-RF112 END

* 3 5/8" bed depth

(d) 4 5/8" x (h) 11 5/8" x (l) 23 5/8"

**Single Chamfer CCS-SCH112 Return

Shown in Left Hand Return (LHR)
Right Hand Return Available (RHR)

* 3 5/8" bed depth - 4 5/8" overall

**12" Shown, left and right returns available in all profile sizes

(d) 5" x (h) 3 5/8" x (l) 23 5/8"

Bullnose Corner CCS-BNC104

* 3 5/8" bed depth - 5" overall

Custom Cast Stone Masonry Veneer Units come in all of our standard colors and blends. Custom Colors are also available. Custom Cast Stone’s color specialists can custom match virtually any color you may desire for your project.
Custom Cast Stone sills are manufactured in 23 5/8" and 47 5/8" lengths unless otherwise specified. Drips are available at the request of the designer.
Custom Cast Stone watertables and bands are manufactured in 23 5/8" and 47 5/8" lengths unless otherwise specified. Drips are available at the request of the designer.
Custom Cast Stone watertables and bands are manufactured in 23 5/8" and 47 5/8" lengths unless otherwise specified. Drips are available at the request of the designer.
Custom Cast Stone banding is manufactured in 23 5/8" and 47 5/8" lengths unless otherwise specified.
Custom Cast Stone banding is manufactured in 23 5/8" and 47 5/8" lengths unless otherwise specified.

BNDPB-8S

BNDCB-8S

BNDCL-8S

BNDCR-8S
Custom Cast Stone wallcopings are manufactured in 23 5/8" and 47 5/8" lengths unless otherwise specified. Drips are available at the request of the designer.

**FLAT**

![FLAT diagram]

**BEVELED**

![BEVELED diagram]

**SINGLE SLOPE**

![SINGLE SLOPE diagram]

**DOUBLE SLOPE**

![DOUBLE SLOPE diagram]

* Available in 4" to 3" slope
**Wallcoping**

*Custom Cast Stone* wallcopings are manufactured in 23 5/8” and 47 5/8” lengths unless otherwise specified. Drips are available at the request of the designer.

- **Bullnose**
  - WCBN
  - Dimensions: 5’ x 3’
  - Sizes: 10”, 12”, 14”, 16”, 18”, 20”, 22”, 24”

- **Rockface**
  - WCRF
  - Dimensions: 3’ or 4’
  - Sizes: 10”, 12”, 14”, 16”, 18”, 20”, 22”, 24”

- **Single Slope Crown**
  - WCSCR
  - Dimensions: 3’ x 5’
  - Sizes: 10”, 12”, 14”, 16”, 18”, 20”, 22”, 24”
  - Available in 4” to 3” slope

- **Double Slope Crown**
  - WCDCR
  - Dimensions: 5’ x 3’
  - Sizes: 10”, 12”, 14”, 16”, 18”, 20”, 22”, 24”
  - Available in 4” to 3” slope
**Pier Caps**

- **FLAT**
  - Dimensions: 3’ or 4’
  - Sizes: 18”, 20”, 22”, 24”, 26”, 28”, 30”, 32”, 34”, 36”
  - PCF

- **BEVELED**
  - Dimensions: 3’ or 4’
  - Sizes: 18”, 20”, 22”, 24”, 26”, 28”, 30”, 32”, 34”, 36”
  - PCBV

- **PYRAMID**
  - Dimensions: 5’ x 3’
  - Sizes: 18”, 20”, 22”, 24”, 26”, 28”, 30”, 32”, 34”, 36”
  - PCPYR
  - Notes: *Available in 4” to 3” slope*

- **PYRAMID FLAT TOP**
  - Dimensions: 5’ x 3’
  - Sizes: 18”, 20”, 22”, 24”, 26”, 28”, 30”, 32”, 34”, 36”
  - PCPYRF
  - Notes: *Available in 4” to 3” slope*

Holes in center are available.
**Pier Caps**

- **FLAT ROCKFACE**
  - 3" or 4" height

- **BULLNOSE PYRAMID**
  - 5" height

- **CROWN PYRAMID**
  - 5" height

*Available in 4" to 3" slope*

Holes in center are available.
**QUOINS**

**Plain profile shown. Beveled Quoins are 3 5/8" bed depth and 4 5/8" overall.**

**PLAN VIEW EXAMPLE OF STRAIGHT QUOINS**

**PLAN VIEW EXAMPLE OF STAGGERED QUOINS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>STRAIGHT</th>
<th>STAGGERED</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLAIN</td>
<td>Q4P</td>
<td>Q4PS</td>
</tr>
<tr>
<td>BEVELED</td>
<td>Q4B</td>
<td>Q4BS</td>
</tr>
<tr>
<td>RUSTICATED</td>
<td>Q4R</td>
<td>Q4RS</td>
</tr>
</tbody>
</table>

**Plain profile shown. Beveled Quoins are 3 5/8" bed depth and 4 5/8" overall.**
Medallions

MEDALLION FLAT (MEDFL)

MEDALLION PYRAMID (MEDPYR)

* 3 5/8" bed depth - 4 5/8" overall

MEDALLION BEVELED (MEDBV)

MEDALLION SCORED (MEDSC)

* 3 5/8" bed depth - 4 5/8" overall

FLAT, BEVELED, and PYRAMID available in the following sizes: 8", 10", 12", 14", 16", 18", 20", 22", 24"

SCORED available in the following sizes: 12", 14", 16", 18", 20", 22", 24"
Ball and Base Combinations

8" Combo (BABS8)

10" Combo (BABS10)

12" Combo (BABS12)

14" Combo (BABS14)

16" Combo (BABS16)

Balls

Ball8
Ball10
Ball12
Ball16
Ball20
Ball30

Bases

Base8
Base10
Base12
Base16
Base20
Base30
<p>| Newel Cove Base | Newel Beveled Base | Newel Crown Base |</p>
<table>
<thead>
<tr>
<th>Base, Rail and Newels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Slope Rail (RLDS)</td>
</tr>
<tr>
<td>Cove Base (BSCOV)</td>
</tr>
<tr>
<td>Recessed Panel Newel (NEWRC)</td>
</tr>
</tbody>
</table>
NEWEL CAP OPTIONS

Pyramid Newel Cap (NPYR18)

Bullnose Newel Cap (NBULL)

Crown Newel Cap (RLCRN)

Typical Newel Elevation

Typical Balustrade, Base & Rail Elevation
*Square Balustrade, all components of balustrade are square. Unlike most balustrades that are square at top and bottom and rounded mid sections.
Column Capitals and Bases

COL1015C

COL1014B

COL1216B

COL1217B

COL1216C

COL1217C
Column Capitals and Bases

COL2128C

COL2232B
Column Capitals and Bases

Custom Cast Stone Columns, Capitals, and Bases can be manufactured in halves, with or without cutouts, to receive steel supports for load bearing areas.

Example of half capital / base.

Example of half capital / base w/ cutout.

COL1522C

COL1820B
Column Segments

Custom Cast Stone Columns, Capitals, and Bases can be manufactured in halves, with or without cutouts, to receive steel supports for load bearing areas.

Example of half column.

Minimum wall thickness 3 5/8”

Example of half column w/ cutout.

*Height restriction per segment.

All Column segments can be manufactured to any height up to the maximum height shown.
Column Segments

Custom Cast Stone Columns, Capitals, and Bases can be manufactured in halves, with or without cutouts, to receive steel supports for load bearing areas.

Example of half column.

Minimum wall thickness 3 5/8”

Example of half column w/ cutout. *Height restriction per segment.

All Column segments can be manufactured to any height up to the maximum height shown.
Tapered Column Segments

COL-T145
- Diameter: 1'-1 7/8"
- Height: 2'-0"
- Width: 1'-3 1/16"

COL-T150
- Diameter: 1'-3 1/16"
- Height: 2'-0"
- Width: 1'-4 3/16"

COL-T155
- Diameter: 1'-4 3/16"
- Height: 2'-0"
- Width: 1'-5 5/16"

COL-T160
- Diameter: 1'-5 5/16"
- Height: 2'-0"
- Width: 1'-6 1/2"

COL-T165
- Diameter: 1'-6 1/2"
- Height: 2'-0"
- Width: 1'-6 1/2"
Custom Cast Stone Columns, Capitals, and Bases can be manufactured in halves, with or without cutouts, to receive steel supports for load bearing areas.

Example of half column.

Minimum wall thickness 3 5/8"

Example of half column w/ cutout. *Height restriction per segment.

All Column halves can be manufactured to any height up to the maximum height shown.

Tapered Column Halves

COL-T1113

COL-T810
*Staggered layout, shown here, can be achieved with any Column Segment Half.

COL115C

COL-T1113

COL1016C

COL-S10 Halved

COL-S10 Halved

COL-S10 Halved

COL1016C

COL1318B
Column Assemblies

COL2128C

COL-T19T

COL-T20

COL-T21

COL-T22

COL2232B

COL1422C

COL-S14

COL-S14

COL1518B

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Column Assemblies

COL1923C

COL-T1820

COL-T2022

COL-S22

COL2232B

125 3/4" H
**Technical Data**

**Detail of optional cast in drip.**

**Detail of optional saw cut drip.**

**Drips**

**Typical stainless steel anchors**

*Typical anchoring wall section.*

**Typical wall section with slip plane.**

*Anchored cast stone unit using a 2” Z anchor bolted to the masonry backup.*

**Illustration of slip plane.** The material used for the slip plane is left long for protection during construction from dirt, mortar droppings, and from damage during the masonry cleaning. It can then be cut clean at the joint and filled with a soft joint compound. Slip plane material can be as simple as 4 or 6 mil visqueen.

**TYPICAL LIFTING INSERT**

Any item that would be layed into the wall, such as a panel, signage, that would exceed a two man lift; would have a lifting insert cast in.

*Z* Anchor  
**Split Tail *Z* Anchor**

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Colors and Textures

<table>
<thead>
<tr>
<th>Smooth</th>
<th>Split Face</th>
<th>Rock Face</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural White</td>
<td>Natural</td>
<td>Sandstone</td>
</tr>
<tr>
<td>Light Buff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark Buff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creme</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deep Tan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Olive Buff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunset</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Please refer to our color kits for accurate representation.*