ACME BRICK

SPECIAL SHAPES

Brick has long been valued
for its strength and durability,
but today it also plays an important role
in expressive architectural design.

The innovative use of special brick shapes
allows architects to create depth, shadow, and
visual interest through corners, angles, reveals, soffits,
lintels, and sills. These shapes make it possible to achieve
dramatic architectural effects while maintaining the integrity
of both load-bearing and conventional brick construction.

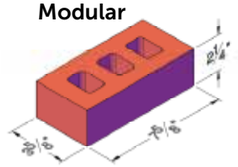
Acme Brick's goal is to manufacture special shape brick that help
architects design functional, aesthetically pleasing buildings as
economically as possible.

ACME BRICK

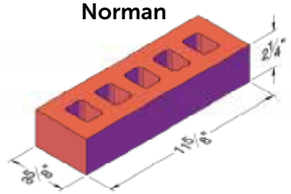
above: Roman, stacked, five-piece arch

BRICK SIZES

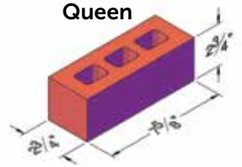
Modular



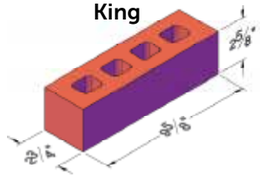
Norman



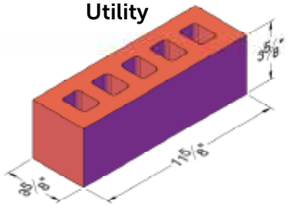
Queen



King



Utility



Color and size options vary at each plant.
Be sure to check with your sales representative
before making selections.

*Special Order Sizes: EST - Estate, CLS - Closure

SHAPE PROFILES

01 Sloped

02 Bullnose

03 Cove

04 Ogee

05 Bullnose Ogee

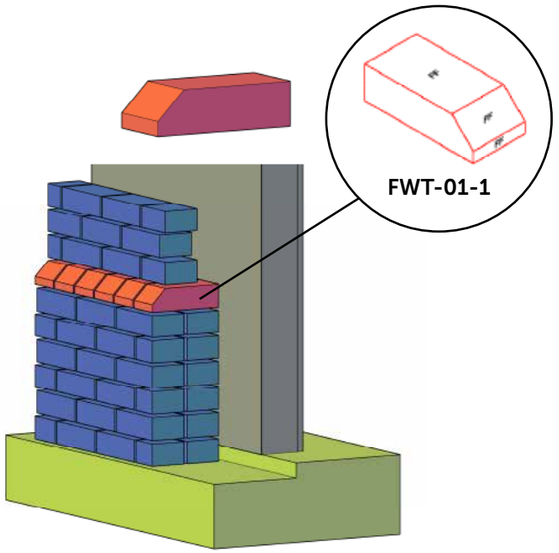
These profiles can be made across all plants.
Have a vision? Seen another profile? Ask!

PLANNING

Early planning and coordination help ensure that special shapes perform as intended and achieve the desired architectural effect. It is important to fully consider how each shape integrates into the overall wall assembly.

For example, a watertable shape can create a strong horizontal accent along a wall. Its use typically requires the brickwork above to step back in order to maintain a consistent face plane. This condition must be accounted for behind the wall face during the design phase.

Because these units differ from standard brick, their placement may affect structural conditions, wall thickness, and the finished exterior appearance. If a specific texture or treatment is required to appear on a particular face or direction—this must be clearly noted on the approval drawings. Otherwise, it will be up to the manufacturing plant to use the most practical and efficient method of production.



ISO VIEW

SELECTION

All shapes shown in this catalog can be produced at any of our five manufacturing plants.

However, each plant has its own methods and areas of expertise, which may influence availability, lead time, or cost. Additional or custom shapes may also be possible—please consult your Acme Brick sales representative for more information.

Every effort is made to match the color and texture of special shape brick to the corresponding standard field brick. Due to manufacturing limitations, some variation may occur. Certain shapes cannot be stacked for firing in the same orientation as field brick, which may result in minor color differences caused by kiln atmosphere and temperature. Hand-crafted shapes may also display subtle texture variations when compared to machine-made units.

Smooth

Velour
(aka wirecut)

Heritage

Ruff

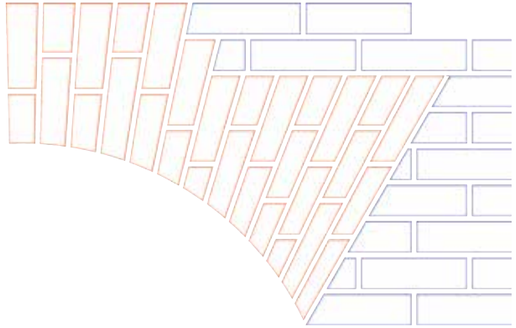
ORDERING

Special shape brick are custom-made for each project.

To assist with accurate estimating and to reduce errors, Acme Brick provides detailed drawings for each shape. These drawings include plan views, elevations, dimensions, identification of exposed faces, coring details, and brick coursing where applicable. Upon completion, the drawings are submitted to the architect for final review and approval prior to manufacturing.

Your Acme Brick sales representative can assist with evaluating options and ensure the selected manufacturing plant can accommodate your order.

Planning



Packing

MANUFACTURING

Manufacturing begins only after firm quantities are ordered and all shape drawings have been approved.

Once shapes are ready to be ordered, clear communication between the customer, Acme Brick plants, and our engineering department is essential. Approval drawings are accompanied by a Letter of Transmittal, which lists all special shapes required for the project.

Each shape may include one or more of the following:

- Approval drawings
- In-wall use drawings
- Green brick drawings

After all documents are approved by the customer, they are released to the manufacturing plant for production.

Installation

Completion

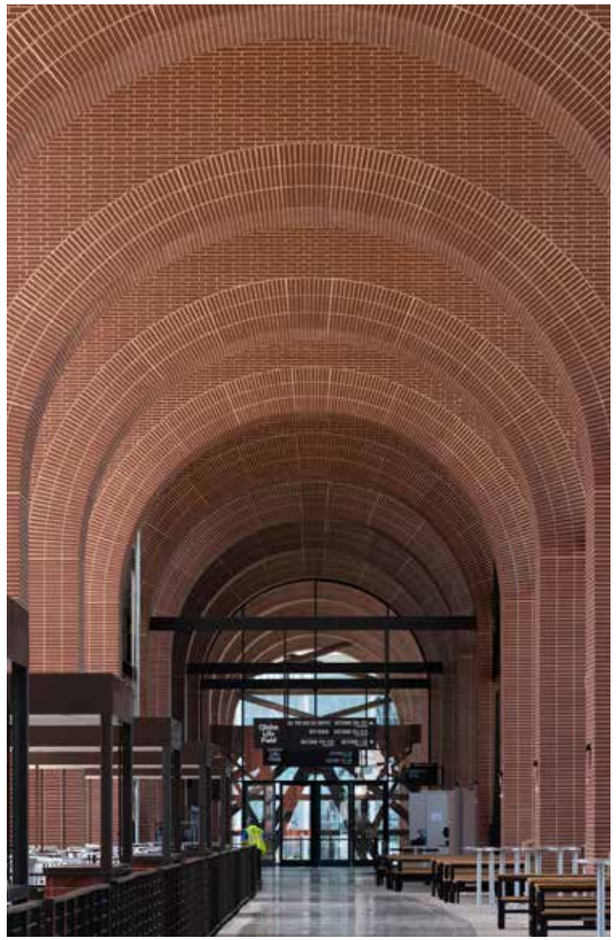
Roman Arch, multi piece stacked

Segmental Arch, single piece with keystone

Jack Arch, multi piece with keystone

Screen wall created with solid modular brick offset.

Screen wall created with norman and cut brick.



This arch has such a large span, that it is achieved with stacked norman size field brick. The mortar between each is tapered.

Roman stacked three piece arch in background, with a column in foreground with soldiers and ogee shapes.

Inset of field brick turned 45 degrees.

Custom detailing, with sloped soldier brick.

Slate Gray modular wall with inset dark gray brick, popped out light gray brick.

Segmental multi piece arch, and field wall with inset turned brick.

Window sills of face brick, single piece jack arch over doors.

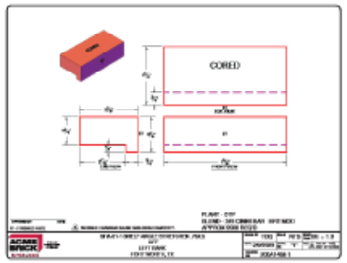
SHAPE DOCUMENTATION

Once you are ready to order shapes, it is time for the plants, architects and our engineering department to communicate clearly what each shape looks like and funtions as. Included in the approval drawings is a "**Letter of Transmittal**."

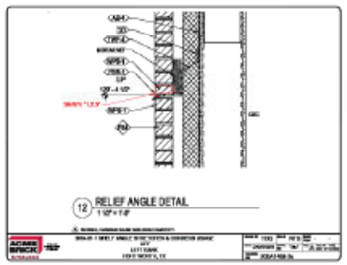
This document has a list of ALL shapes needed to complete a job. Each shape may have an approval drawing, an in wall use drawing, and a green brick drawing. See examples below.

Once we have approval, they are sent to the plant.

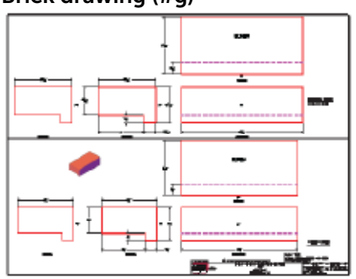
Approval drawing (#)



In Wall Use drawing (#u)



Green Brick drawing (#g)



Sales person requesting shape approval drawing. Required for customer approval.

Job Information

Revision Letter, from A to Z, changes with each revision to the drawing

List of all shapes for a job. In this example there are 4 shapes and 6 drawings.

Approval Drawings for 1, 2, and 3.

An In Wall Use drawing (3u) for 1, 2, and 3 together, as they are shapes that work together.

Approval and a In Wall Use drawing (4u) for shape 4.

Status Codes denote if this document requires approval or if it is simply FYI.

Indicates your shape engineer.

Other associates who will receive this document. May be members of production, etc.

LETTER OF TRANSMITTAL

DATE: 2/14/2023

TO: JASON HAMILTON
294-DFW

CUSTOMER: GFF
JOB NAME: LEFT BANK
JOB LOCATION: FORT WORTH, TX

REMARKS: HERE ARE THE SHOP DRAWINGS YOU REQUESTED.

REVISION: A - CHANGED BLEND AND ADDED QUANTITY.

NOTE :

DWG. NO.	SHEET / REFS	REV.	PLANT		SHAPE DESCRIPTION		QTY.	ASSOCIATED DRAWINGS	
2801A1468	1	A	DTP	SHA-01-1	Shelf Angle Stretcher	.75x5	9500		
2801A1468	2	A	DTP	SHA-01-2	Shelf Angle Stretcher Corner Left	.75x5	25		
2801A1468	3	A	DTP	SHA-01-3	Shelf Angle Stretcher Corner Right	.75x5	25		
2801A1468	3u	A	DTP	SHA-01-1	Shelf Angle Stretcher & Corners	Usage			
2801A1468	4	A	DTP	CNR-01-2	Corner External Leng	165°	225		
2801A1468	4u	A	DTP	CNR-01-2	Corner External Leng	Usage			

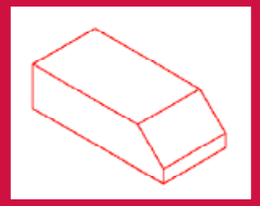
COPY TO:	LOCATION	CODE
JIM OGG/CORY BARRON	DTP	1
MARK BURDEN	DFW	2
TOM JETER	NTR	2
—	—	2
—	—	2

STATUS CODES: 1 For approval 2 For your information

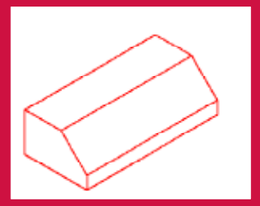
By: TDG
Acme Brick Co. - FWGO
TDG - Todd Goodson

SHAPES

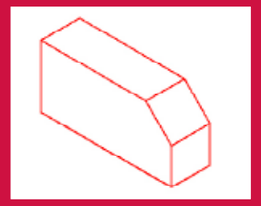
01 **SLOPED**



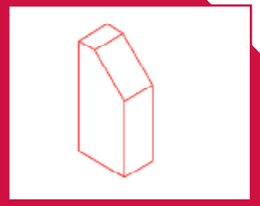
FWT-01-1 Flat Watertable - Sloped - Header



FWT-01-4 Flat Watertable - Sloped - Stretcher

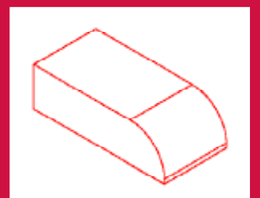


RWT-01-1 Rowlock Watertable - Sloped - Rowlock

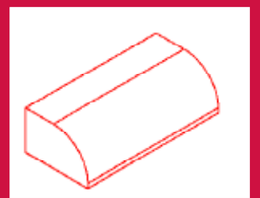


SDR-01-1 Soldier - Sloped

02 **BULLNOSE**



FWT-02-1 Flat Watertable - Bullnose - Header

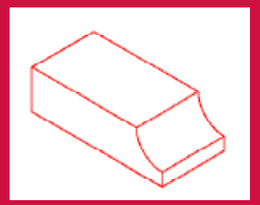


FWT-02-4 Flat Watertable - Bullnose - Stretcher

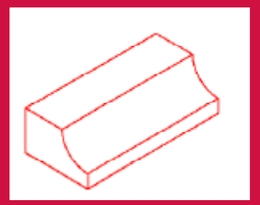
RWT-02-1 Rowlock Watertable - Bullnose - Rowlock

SDR-02-1 Soldier - Bullnose

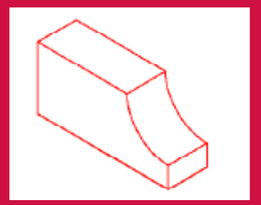
03 **COVE**



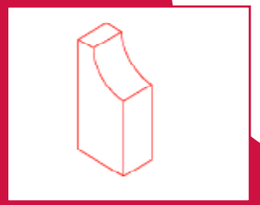
FWT-03-1 Flat Watertable - Cove - Header



FWT-03-4 Flat Watertable - Cove - Stretcher



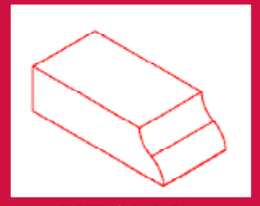
RWT-03-1 Rowlock Watertable - Cove - Rowlock



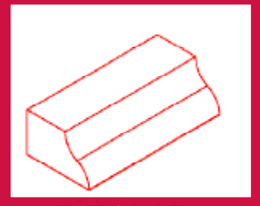
SDR-03-1 Soldier - Cove

SHAPES

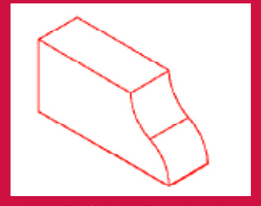
04 **OGEE**



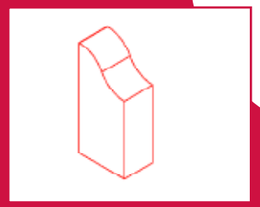
FWT-04-1 Flat Watertable - Ogee - Header



FWT-04-4 Flat Watertable - Ogee - Stretcher



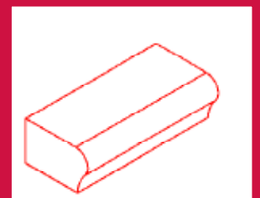
RWT-04-1 Rowlock Watertable - Ogee - Rowlock



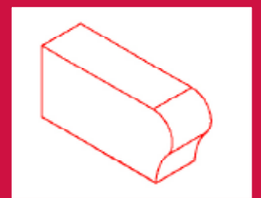
SDR-04-1 Soldier - Ogee

05 **BULLNOSE OGEE**

FWT-05-1 Flat Watertable - Bullnose Ogee - Header

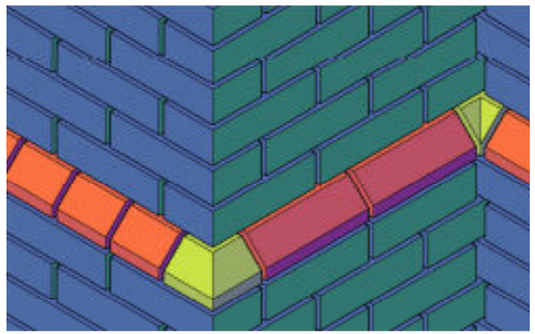


FWT-05-4 Flat Watertable - Bullnose Ogee - Stretcher



RWT-05-1 Rowlock Watertable - Bullnose Ogee - Rowlock

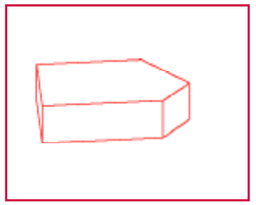
SDR-05-1 Soldier - Bullnose Ogee



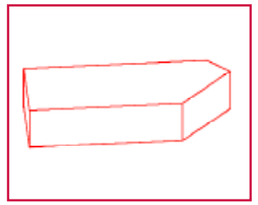
In wall rendering of Sloped Watertable header and stretchers. Corners achieved with mitre cut pieces.

Bullnose Soldiers, large 2 piece stacked roman arch, small single piece roman arch.

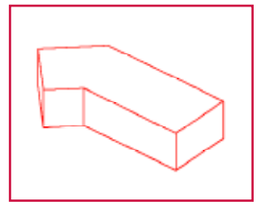
CORNERS



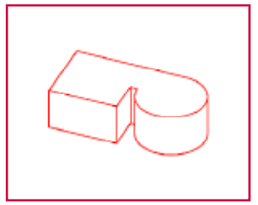
CNR-01-1 Corner - External Short



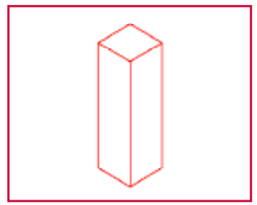
CNR-01-2 Corner - External Long



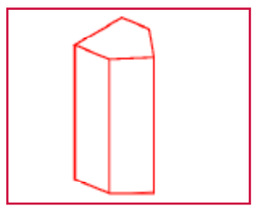
CNR-01-3 Corner - Internal



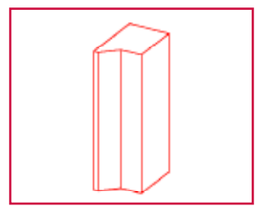
CNR-01-4 Corner - Hinge Brick



CNR-02-1 Corner - Soldier



CNR-02-2 Corner - External Soldier



CNR-02-3 Corner - Internal Soldier

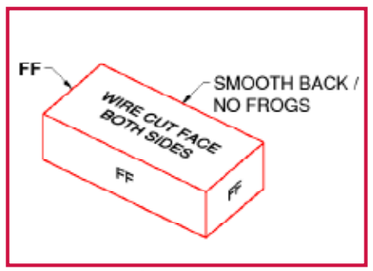
External Corner

Internal Corner

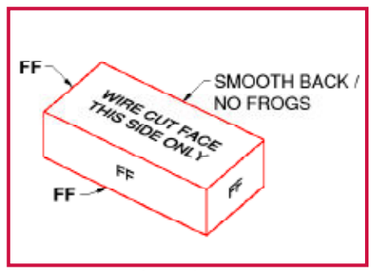
Hinge Brick

SOLIDS

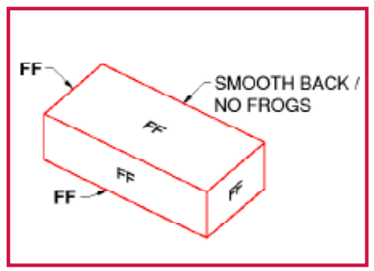
No coreholes or frogs allow for decorative exposed faces on more sides than normal field brick.



SLD-03-1 Solid Three Faces Finished

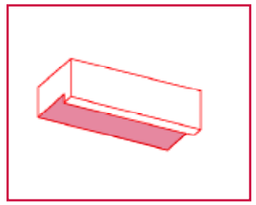


SLD-04-1 Solid Four Faces Finished

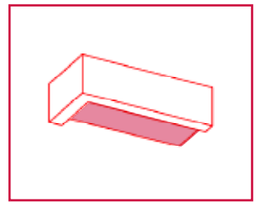


SLD-05-1 Solid Five Faces Finished

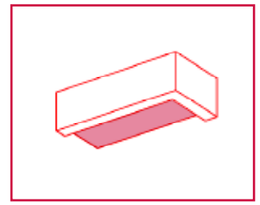
SHELF ANGLES



SHA-01-1 Shelf Angle - Stretcher

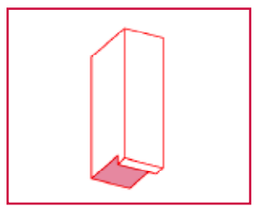


SHA-01-2 Shelf Angle - Stretcher - Corner Left

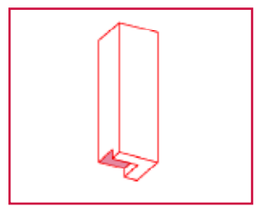


SHA-01-3 Shelf Angle - Stretcher - Corner Right

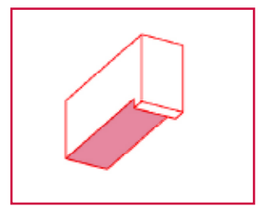
indicates bottom of shape



SHA-02-1 Shelf Angle - Soldier



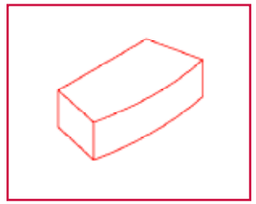
SHA-02-2 Shelf Angle - Soldier - Corner



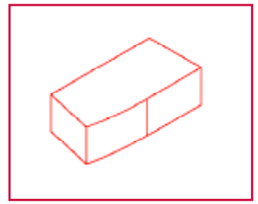
SHA-03-1 Shelf Angle - Rowlock

SHA-03-2 Shelf Angle - Rowlock - Corner

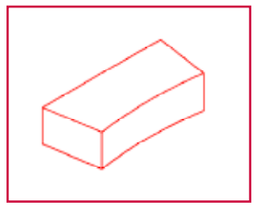
RADIAL BRICK



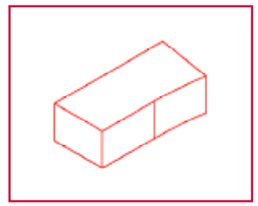
RAD-01-1 Outside Radial Stretcher



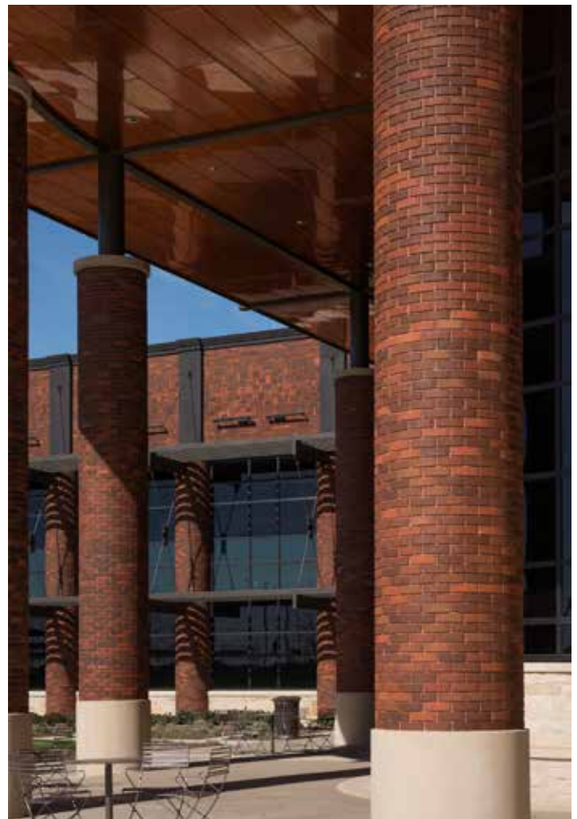
RAD-01-2 Outside Radial Starter



RAD-02-1 Inside Radial Stretcher



RAD-02-2 Inside Radial Starter



Radial brick columns.

ARCHES

Arches are always a custom drawing as the type of arch desired, masonry opening it needs to span, the height of arch itself, and more all affect the number of pieces.

It is important to provide the following information to ensure drawing accuracy. Once we have all the details we can determine the best application. You may see these letters on your shape drawings.

"A" - Arch Type - The type of arch desired: Jack Arch, Roman, Circular, Segmental, or Elliptical.

"B" - Masonry Opening - The span of opening to be crossed, rounded down to the nearest 1/2 inch.

"C" - Height of Arch - The height of Jack Arches are given in number of courses. The height of Roman, Circular, Segmental and Elliptical arches can be given in number of courses or inches.

"D" - Number of Pieces - When ordering Multi Piece Arches, please specify the desired number of pieces the height of the arch is divided into. This decision is purely aesthetic.

"E" - Brick Size - The width of the field brick dictate the appropriate size:

- Modular and Norman ~2 1/4"
- Queen and King ~2 5/8"
- Estate, Closure and Utility ~3 5/8"

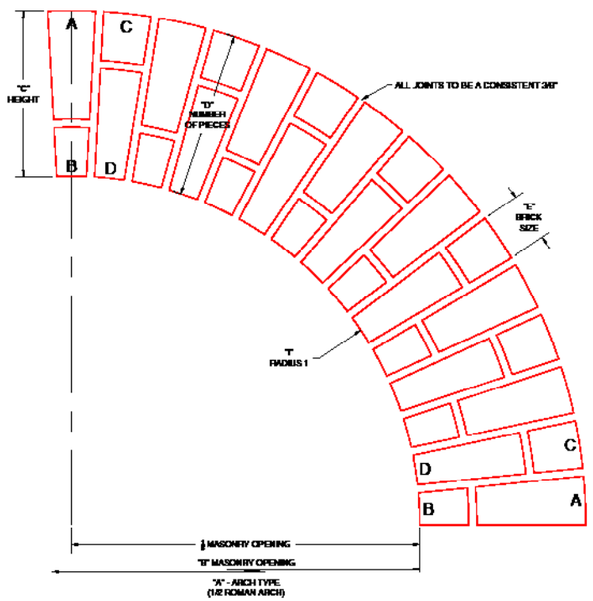
"F", "G", "H" - Key Height, Top, and Bottom - If applicable, the dimensions of the keystone.

"I" - Radius 1 - Radius of the arch.

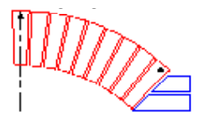
"J" - Rise - The vertical distance from the spring line to the bottom of the Arch, in inches.

"K" - Radius 2 - For Elliptical arches only, the second radius of the arch.

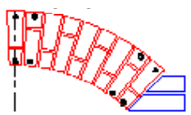
Arch Drawing Example
(ARC-04-02 - Roman Multi Piece)



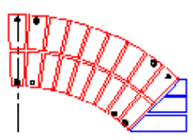
D- Examples of Segmental Arch Number of Pieces



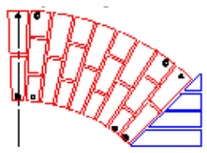
1 Piece (1P)



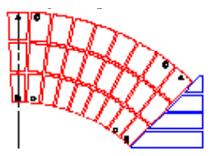
2 Piece (2P)



2 Piece Stacked
(2PS)

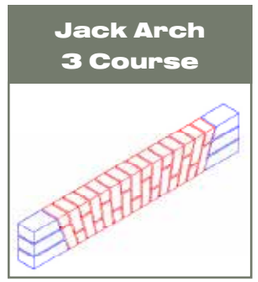


2 and 3 Piece
(2&3P)

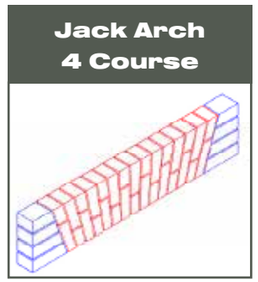


3 Piece Stacked
(3PS)

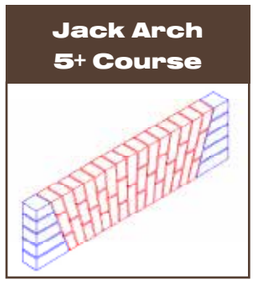
ARCH TYPES



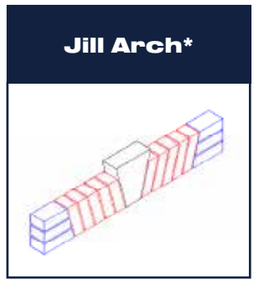
ARC-01-2 Jack Arch
3 Course Multi Piece



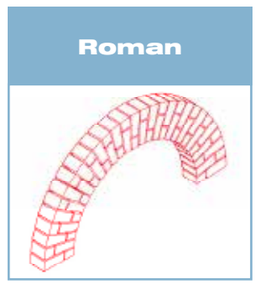
ARC-02-2 Jack Arch
4 Course Multi Piece



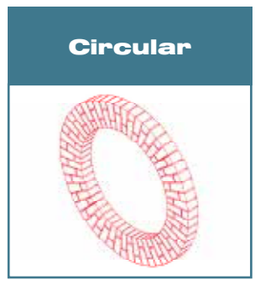
ARC-03-2 Jack Arch
5+ Course Multi Piece



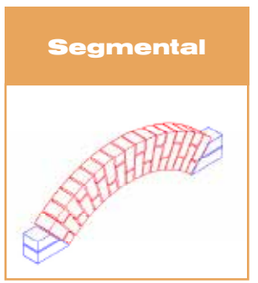
ARC-08-3
Jill Arch One Piece with Keystone



ARC-04-2 Roman Arch
Multi Piece



ARC-05-2 Circular Arch
Multi Piece



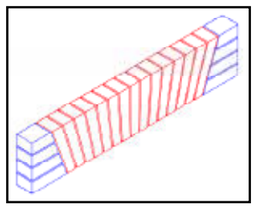
ARC-06-2 Segmental
Arch Multi Piece

ARC-07-2 Elliptical Arch
Multi Piece

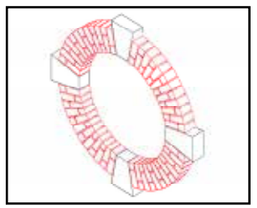
Other arches can of course be made with one single piece spanning the height of the arch. Adding a keystone is purely aesthetic, and can be accomodated as well. Ask us to see the full example drawing lineup for arches.

Keep in mind that the maximum manufacturing length of a single piece is 11 5/8." Therefore larger arches by necessity may need multiple pieces to create the look.

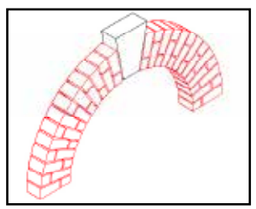
*Jill Arches require a keystone with a specific angle on the sides to take advantage of a single size repeating slant brick shape, reducing complexity and cost, while achieving the look of a traditional Jack Arch.



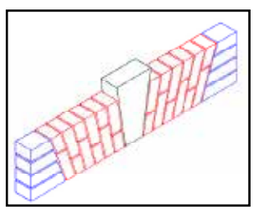
ARC-02-1 Jack Arch
4 Course One Piece



ARC-05-4 Circular Arch
Multi Piece with Keystone



ARC-04-4 Roman Arch
Multi Piece
with Keystone



ARC-02-4 Jack Arch
4 Course Multi Piece
with Keystone

See it all come together in
STUNNING DESIGN.

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