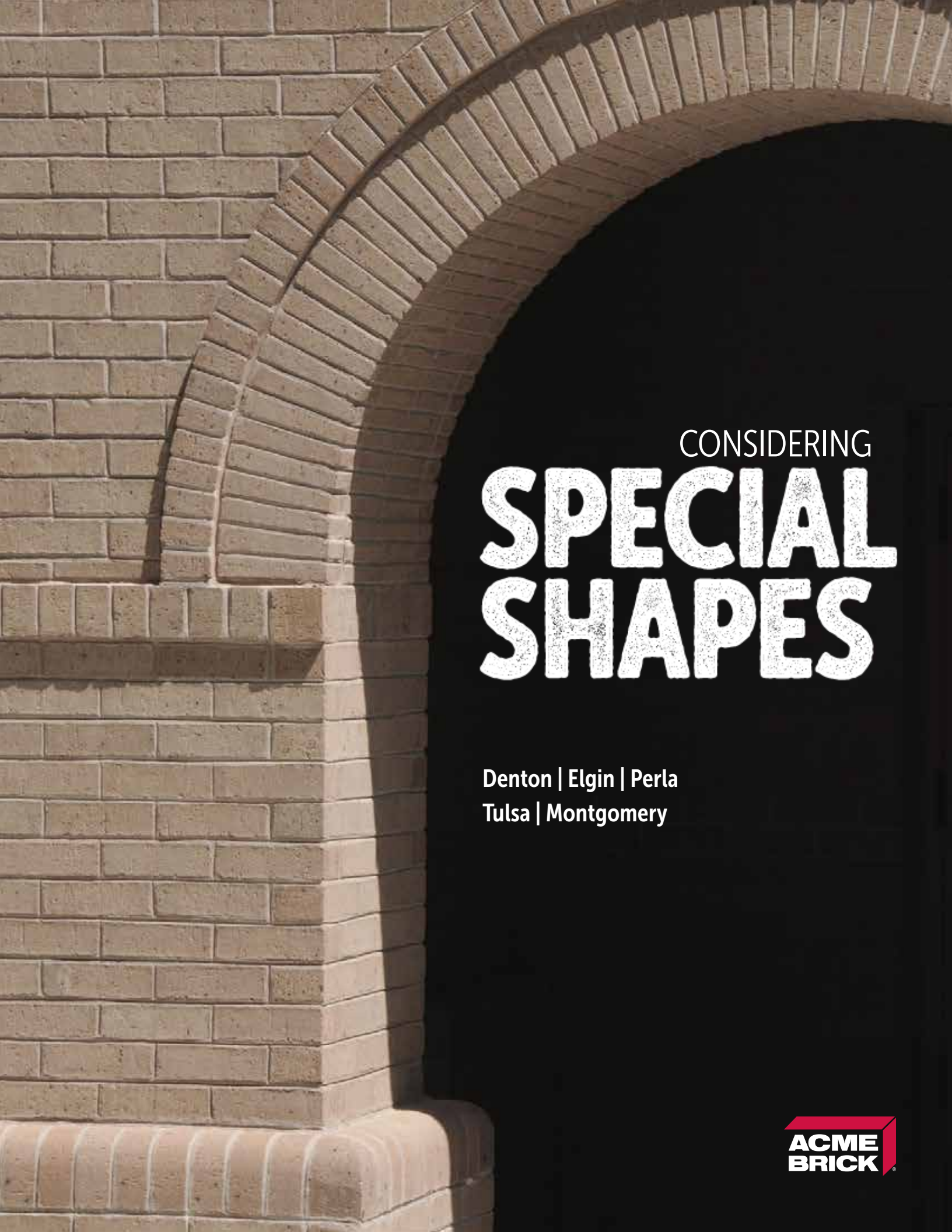


CONSIDERING

SPECIAL SHAPES

Denton | Elgin | Perla
Tulsa | Montgomery

ACME BRICK

TABLE OF CONTENTS

Shapes

Introduction

Innovative uses of brick in load-bearing brick structures and conventional brick construction has resulted in brick buildings which are often exciting expressions in architectural design. Brick shapes allow architects to design buildings with interesting angles and forms. Dramatic depth and shadows in openings can be attained by using brick shapes at corners and in deep reveals at soffits, lintels, and sills.

Acme Brick's objective is to manufacture brick shapes which will assist architects in designing more functional and aesthetically pleasing buildings at the most economical cost.

We offer a wide variety of colors and textures in special shape brick by manufacturing shapes at five brick plants:

Denton, Texas
Elgin, Texas
Perla in Malvern, Arkansas
Montgomery, Alabama
and Tulsa, Oklahoma.

Selection

All shapes illustrated in this brochure are shown for common sizes, with dimensions in a chart. The drawings are marked with **FF** for the exposed finished face. Special brick shapes shown are typical, and variations of shapes for a particular use can often be manufactured. ***Each of the plants that create special shapes has its own unique skill set and method; accordingly, not every shape can be made at every plant.***

The color and texture of special shape brick is intended to be as close as possible to that of the standard field brick, but is subject to limitations of manufacturing. Some brick shapes cannot be stacked for firing in the kiln in the same direction as the field brick. This can cause a variation in kiln atmosphere at high temperatures which may produce a slight color difference.

Shapes made by hand may show a slight texture difference than a field brick made mechanically. If textures are desired to be in a certain direction on a particular face of a shape, it will need to be noted on the Approval Drawings, otherise it will be to the discretion of the plant to best manufacture the shape.

Profiles

01 Sloped

02 Bullnose

03 Cove

04 Ogee

05 Bullnose Ogee

For quick reference we have created icons for each profile. Look for them throughout the book.

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Ordering

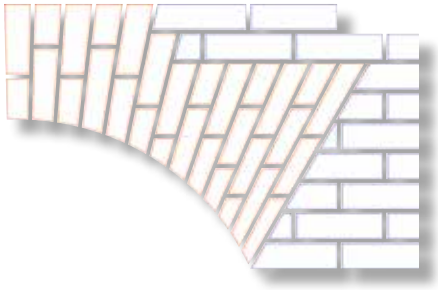
Special shape brick are considered a custom made item. They are manufactured to order for a specific project. Manufacturing cannot begin until an order has been placed for firm quantities, and shape drawings have been approved. To eliminate errors and to facilitate estimating quantities, Acme Brick will provide drawings of each shape showing the plan, elevations, and dimensions for each shape. All exposed brick faces will be clearly identified, and the coring of the unit will be shown. Brick coursing will be indicated in the areas where shapes are used. Upon completion the architect will receive these drawings for final inspection and approval. See pages 178-180 for more information.

Pricing may vary considerably from plant to plant and from blend to blend; quantities may also affect pricing. Be aware that the difficulty in manufacturing sanded or heritage textures on special shapes will incur extra cost.

Your Acme Brick sales representative is qualified to help you with planning shapes for your next project. It is important to speak with your representative to ensure that your chosen plant can accommodate your order.

For more details check out our Pocket Guide to Brick Construction

Available online here:



Planning

Packing

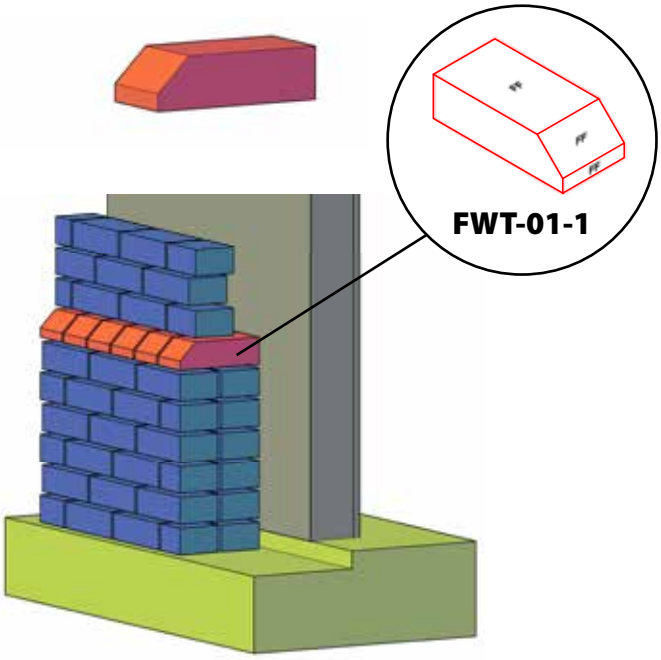
Installation

Completion

Planning Notes

Acme Brick provides drawings of each shape showing the plan, elevations, and dimensions; however, it is important for the architect to fully flesh out the individual project and uses for these shapes. As these are "special" shapes, it is important to understand their placement within a wall structure to ensure the desired look on the outside.

For example, a watertable shape, as shown here, can create an attractive division in a wall. The inclusion of the special shape means that the brick above will be stepped back to continue the face plane. This requires the architect to plan for that space behind the wall face.



ISO VIEW

Brick Textures

If textures are desired to be in a certain direction on a particular face of a shape, please note it on the approval drawings, otherwise it will be up to the discretion of the plant to best manufacture the shape.

Smooth

Velour
(aka wirecut)

Blade Cut

Heritage

special order

Rustic

Ruff

Bark

Vertical

Craftwork
(aka ironspot)

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

BRICK SIZES

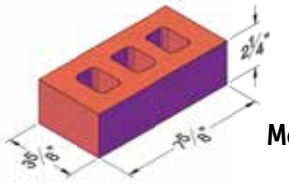
	Thickness	Height	Length
Modular (MOD)	3 ⅝"	2 ¼"	7 ⅝"
Norman (NOR)	3 ⅝"	2 ¼"	11 ⅝"
Queen (QSZ)	2 ¾"	2 ¾"	7 ⅝"
King (KSZ)	2 ½ – 2 ¾"	2 ⅝"	9 ⅝"
Utility (UTL)	3 ⅝"	3 ⅝"	11 ⅝"

Shape Nomenclature: [Shape Type]-[Profile]-[Piece]
(eg. FWT-01-1 = Flat Water Table - Sloped - Header)

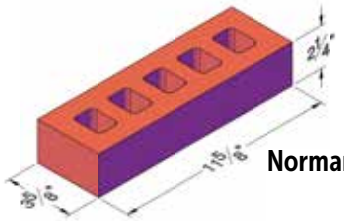
When ordering include the three letter size codes:
MOD - Modular, NOR - Norman, QSZ - Queen, KSZ - King, UTL - Utility

Colors and sizes vary at each plant. Not all shapes can be made at every location.
Be sure to check with your sales representative before making selections.

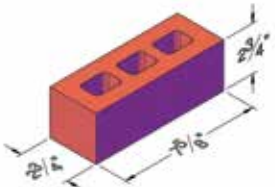
***Special Order Sizes: EST - Estate, CLS - Closure**



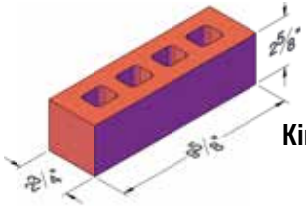
Modular



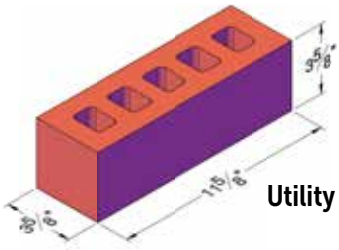
Norman



Queen

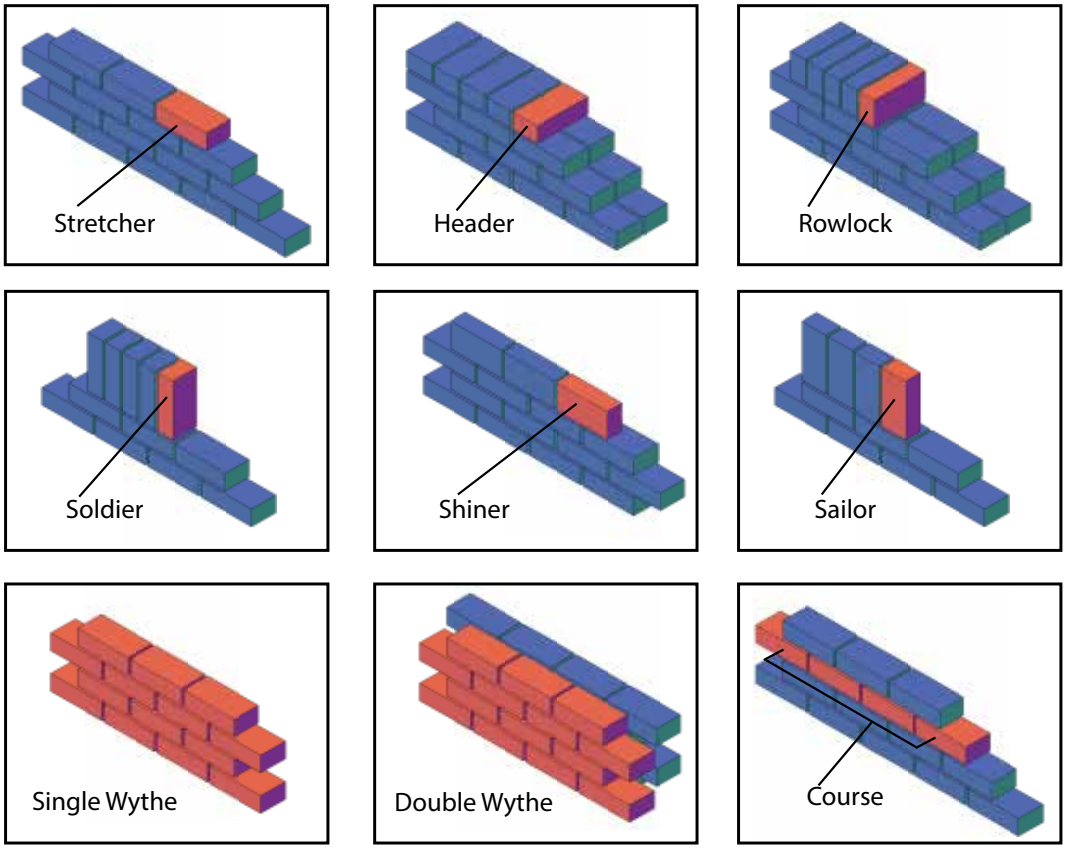


King

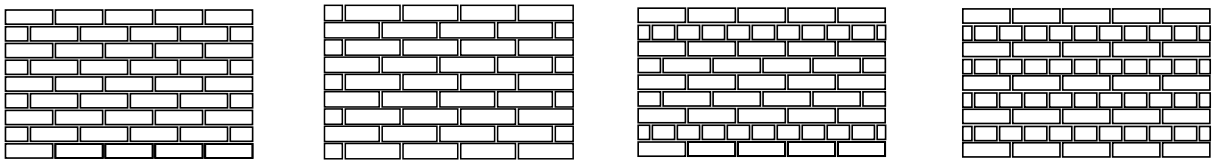


Utility

Brick Position Nomenclature



Traditional Bond Patterns



Running Bond

⅓ Running Bond

Common Bond
6th Course Header

English Bond

Stack Bond

Flemish Bond

Common Bond
6th Course
Flemish Header

English Cross
or Dutch Bond

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Brick Terms

Angle Brick - Any brick or masonry unit shaped to an oblique angle to fit a salient corner.

Arch - A vertically curved compressive structural member spanning openings or recesses.

Arch Brick - Wedge-shaped brick for special use in an arch. Also refers to the hard burned brick units found in the arch section of a scove kiln.

Band Course - A continuous, horizontal band of masonry marking a division in the wall elevation. Sometimes called belt course, string course, or sill course.

Bevel - An inclined surface of a solid object which connects two orthogonal sides.

Bond - (1) The arrangement of units to provide strength, stability, and pattern. (2) Adhesion between mortar or grout and masonry units or reinforcement. (3) To connect wythes or units. (4) Tying various parts of a masonry wall by lapping units one over another or with metal ties or reinforcing.

Brick - A solid or hollow manufactured masonry unit, usually formed into a small rectangular prism.

Buttress - A projecting mass of masonry set at an angle to or bonded into a wall that it strengthens or supports. A buttress decreases in its cross-sectional area from top to base.

Cantilever - A structural member, supported at only one end, that projects from its support.

Capstone - Any single stone at the top of a masonry structure.

Ceramic - A broad term for products made from heat-resistant, non-metallic, inorganic materials such as clay, bauxite, alumina, silica magnesia, silicone carbide, and the like which have been fired to incipient fusion.

Chamfer - To bevel an arris or edge.

Chimney - A shaft built to carry off smoke.

Clay - A natural mineral consisting essentially of hydrous aluminum silicate. It is plastic when moistened, stiff when dried, and vitrified when fired beyond maturing temperature.

Clay Brick - A ceramic brick of clay or shale, formed while plastic and fired in a kiln.

Closer - (1) The last masonry or portion of a unit laid in a course. (2) A stone course running from one window sill to another (a variety of string course).

Closure Unit - Supplementary or shorter length units used at corners or jambs to maintain bond patterns.

Column - A relatively long, slender structural compression member supporting loads along its axis.

Common Brick - Brick for building purposes not especially treated for texture or color.

Corbel - (1) The projection of successive courses of masonry out from the face of the wall to increase the wall thickness or to form a shelf or ledge. (2) A shelf or ledge formed by successive courses of masonry projecting out from the face of a wall, pier, or column.

Core - A hollow space within a concrete masonry unit formed by the face shells and webs. The holes in clay units.

Cornice - The molding or series of moldings forming the top member of a facade, door or window frame, or interior wall.

Course - A layer (range) of masonry units running horizontally in a wall or, much less commonly, curved over an arch.

Durability - The ability of a material to resist weathering action, chemical attack, abrasion, and other conditions of service.

Edgeset - A brick set on its narrow side instead of on its flat side, especially during drying and firing.

Brick Terms (continued)

Empirical Design - A design based on the application of physical limitations learned from experience or observations gained through experience, without a structural analysis

Face - The exposed surface of a wall or masonry unit.

Facing - Any material, forming a part of a wall, used as a finished surface.

Facing Brick - Brick made especially for facing, or exposure purposes, and often treated to produce special surface textures. These bricks are made of selected clays, or treated, to produce the desired color.

Fascia - A flat horizontal band that appears as a vertical face. The fascia is used decoratively, alone or in combination with moldings.

Fire Brick - Brick made of refractory ceramic material that will resist high temperatures.

Fire Clay - A clay that is highly resistant to heat without deforming and used for making brick.

Foundation Wall - Walls below the floor nearest grade serving as a support for a wall, pier, column, or other structural part of a building.

Freeze-Thaw - Freezing and thawing of moisture in materials and the resultant effects on these materials and on structures of which they are a part or with which they are in contact.

Frog - A depression in the bed surface of a brick, sometimes called a panel.

Gauged Brick - (1) Brick that has been ground or otherwise produced with accurate dimensions. (2) A tapered arch brick.

Hacking - (1) The procedure of stacking brick in a kiln or on a kiln car. (2) Laying brick with the bottom edge set in from the plane surface of the wall.

Header - A masonry unit that overlaps two or more adjacent wythes of masonry to tie them together. Also called a bonder.

Header Course - A continuous bonding course of header brick. Also called a heading course.

Jack Arch - An arch that has little or no curvature.

Jumbo Brick - A generic term indicating a brick larger in size than the standard. Some producers use this term to describe oversize brick of specific dimensions manufactured by them.

Kerf - A cut or removal of material in a unit to facilitate breaking the unit to a desired shape or length.

Kiln - A furnace, oven, or heated enclosure used for burning or firing brick or other clay material.

Lap - The distance one masonry unit extends over another.

Major Arch - Arch with span greater than six feet.

Masonry - (1) Strictly speaking, the art of building in stone. By extension, masonry has come to mean the practice of the mason's craft with brick, tile, concrete masonry units and other materials. (2) The work resulting from the practice of the mason's craft - structures built of stone, brick, or other materials set as units in patterns and amenable to assembly with mortar, whether or not mortar is actually used. (3) The type of construction made up of masonry units laid up with mortar or grout or other accepted method of jointing. (4) An assemblage of masonry units.

Masonry Opening - The space left open in a wall between masonry units, for example the space of an arch or window.

Masonry Unit - Natural or manufactured building units of burned clay, concrete, stone, glass, gypsum, etc.

Masonry Veneer - A non-loadbearing facing of masonry attached to its structural backing but not relied upon to strengthen the wall.

Minor Arch - Arch with a span of less than six feet.

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Brick Terms (continued)

Modular Coordination - A dimensional system affording more efficient assembly of buildings from standard building products by correlating the dimensions of a structure and the unit sizes of the materials going into it, through reference to a four inch cubical module. Efficient use eliminates extra work hours and waste of materials.

Modular Design - Constructed with standardized units or dimensions for flexibility and variety in use.

Parapet - A low wall around the perimeter of a building at roof level or around balconies.

Partition - An interior wall one story or less in height. It is generally non-loadbearing.

Pier - An isolated column of masonry, not bonded to associated masonry.

Pierced Wall - A masonry wall in which an ornamental pierced effect is achieved by alternating rectangular or shaped blocks with open spaces.

Prefabricated Masonry - Masonry fabricated in a location other than its final location in the structure. Also known as pre-assembled, panelized, and sectionalized masonry.

Prism - Any solid shape with only vertical and horizontal faces.

Quoin - (1) One of a series of masonry corner blocks, differing in size, finish, or material from the adjacent walling. (2) A wedge-shaped piece of stone. May be used in either the corner treatment described above (although most quoin stones are not wedge-shaped) or as a chock, a shim, or a device for leveling or aligning.

Racking - Stepping back successive courses of masonry.

Reinforced Masonry - (1) Masonry containing reinforcement in the grouted joints or grouted cores to resist shearing and tensile stresses. (2) Unit masonry in which reinforcement is embedded in such a manner that the component materials act together in resisting shearing and tensile forces.

Relieving Arch - An arch, usually blind, built into the wall above a lintel or flat arch to carry the load to walls or other supporting members.

Roman Arch - A semicircular arch. If built of stone, all units are wedge-shaped.

Rowlock - A brick laid on its face edge with the end surface visible in the wall face. Frequently spelled rolok. Always 3 ⅝" high.

Sewer Brick - Low absorption, abrasive-resistant brick intended for use in drainage structures.

Sill - A flat or slightly beveled stone set horizontally at the base of an opening in a wall.

Soffit - The exposed lower surface of any overhead component of a building such as a lintel, vault, or cornice, or an arch or entablature.

Solid - A standard brick size without cores.

Soldier - A brick set on end with its face showing on the wall surface.

Stack - Any structure or part thereof that contains a flue or flues for the discharge of gases. Also called a chimney.

Standard - An accepted measure of comparison for a quantitative or qualitative value.

Stretcher - A masonry unit laid with its greatest dimension horizontal and its face parallel to the wall face.

Texture - The pattern or configuration apparent in an exposed surface, as in concrete and mortar, including roughness, streaking, striation, or departure from flatness.

Trimmer Arch - An arch, usually a low-rise arch of brick, used for supporting a fireplace hearth.

Veneer - A single facing wythe of masonry units or similar materials securely attached to a wall for the purpose of providing ornamentation, protection, insulation, etc., but not adding strength to the wall.

Wall - A vertical planar member of a structure, enclosing or dividing space.

Brick Terms (continued)

Wall, Prestressed - Reinforced concrete or masonry walls in which internal stresses have been introduced to reduce potential tensile stresses in the wall resulting from imposed loads.

Wall, Reinforced - A masonry wall reinforced with embedded steel so that the two materials act together in resisting forces on the wall.

Wall, Retaining - A wall designed to prevent the movement of soils and structures placed on one side of it.

Wall, Screen - A masonry solar shading wall usually made of decorative bricks or tile.

Wall, Serpentine - A single-wythe wall built with curves in plan to strengthen it.

Wall, Shear - A wall which carries shear loads in its own plane.

Wall, Single Wythe - A wall of only one masonry unit in thickness.

Wall, Spandrel - That portion of a panel or curtain wall above the head of a window or door in one story and below the sill of the window in the story above.

Water Table - A projection of lower masonry on the outside of the wall slightly above the ground. Often a damp course is placed at the level of the water table to prevent upward penetration of ground water. Generally near grade and having a beveled top and a drip cut in the projecting underside to deflect water. Always 2 ¼" high.

Workmanship - The art or skill of a workman. Craftsmanship. Quality imparted to a masonry wall or floor in the process of building it.

Wythe - Each continuous vertical section of a wall, one masonry unit in thickness, and tied to its adjacent vertical section or sections by bonders, metal ties, or grout.

Shape Profile Icons

01 Sloped

02 Bullnose

03 Cove

04 Ogee

05 Bullnose Ogee

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

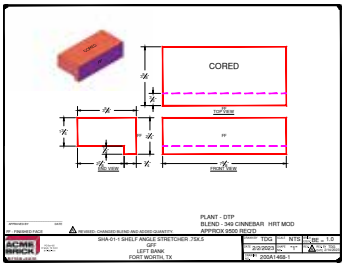
SHAPE DOCUMENTATION

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."

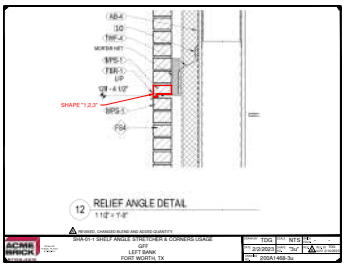
This document has a list of ALL shapes needed to complete a job. An example here is laid out for you.

Each shape may have:

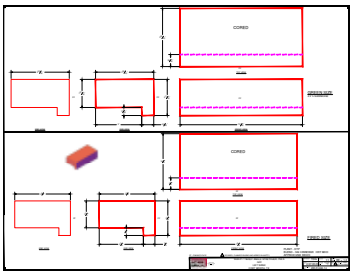
An approval drawing (#)



An in wall use drawing (#u)



A green brick drawing (#g)



After these are approved by the customer, they are sent to the plant for manufacturing.

LETTER OF TRANSMITTAL

DATE 2/14/2023

TO: JASON HAMILTON

294-DFW

CUSTOM GF

JOB NAM LEF

JOB LOC FOI

REMARKS HERE ARE THE SHOP DRAWINGS YOU REQUESTED.

REVISION A - CHANGED BLEND AND ADDED QUANTITY.

NOTE :

DWG. NO.	SHEET / SHAPE	REV.	PLANT		SHAPE
200A1468	1	A	DTP	SHA-01-1	Shelf A
200A1468	2	A	DTP	SHA-01-2	Shelf Angle S
200A1468	3	A	DTP	SHA-01-3	Shelf Angle St
200A1468	3u	A	DTP	SHA-01-1	Shelf Angle
200A1468	4	A	DTP	CNR-01-2	Corner
200A1468	4u	A	DTP	CNR-01-2	Corner

COPY TO:

JIM OGG/CORY BARRON

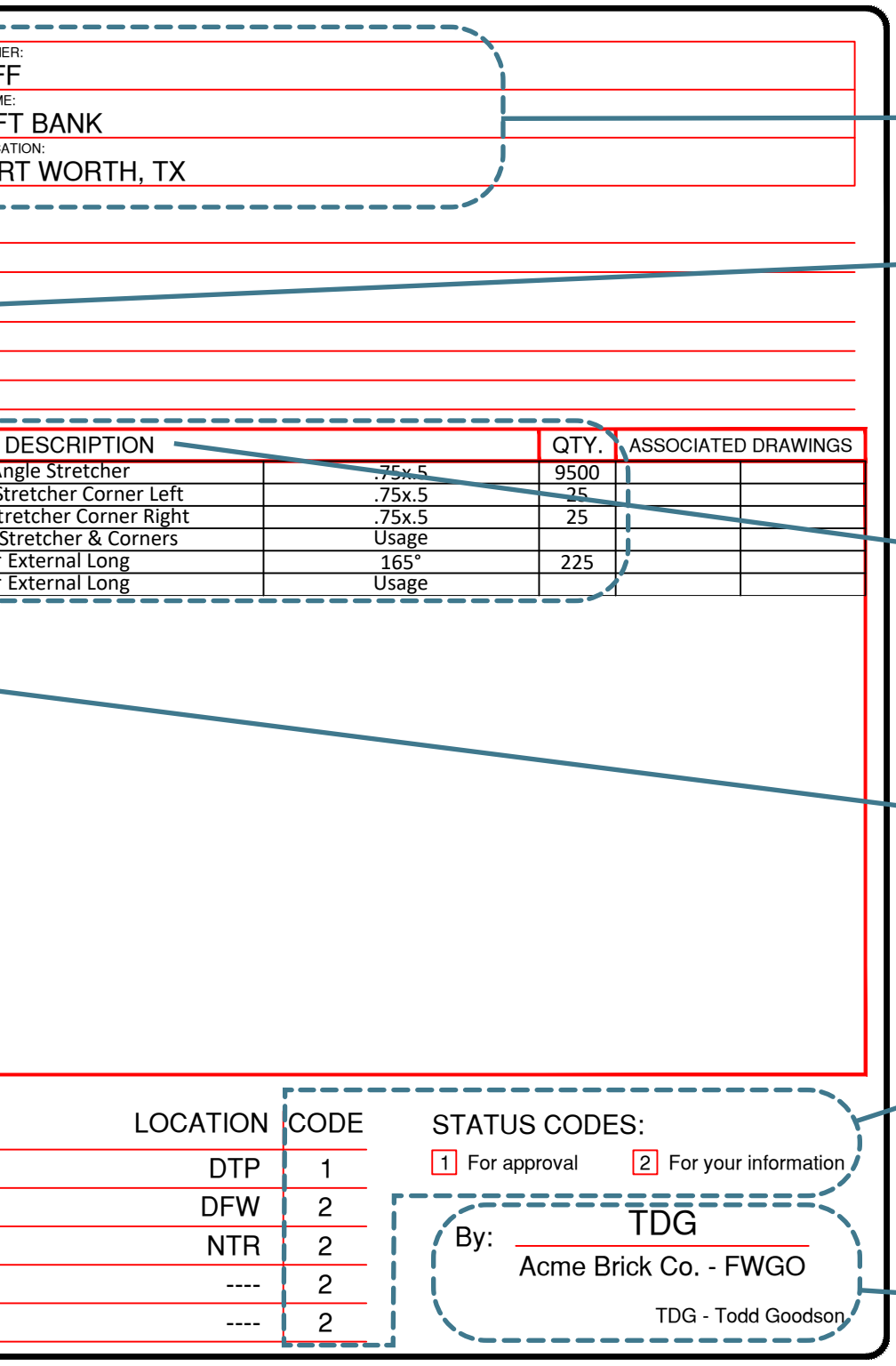
MARK BURDEN

TOM JETER

ACME BRICK
brick.com

PO Box 425
Ft Worth, TX 76101
817-332-4101

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.

There are six documents. An approval drawing for shapes 1, 2, 3 & 4.

A usage drawing (3u) for 1, 2, and 3 together, as they are related shapes, and a separate usage 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.

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

SHAPE DOCUMENTATION

Here are examples of an approval drawing (#), a usage drawing (#u), and a green brick drawing (#g) which shows the before firing size accounting for shrinkage. Information across the bottom of the drawings will be common to all drawings. Information needed is as follows (with examples).

Customer: *Architect, Contractor or Mason Name*

Job Name: *Brownsville International Airport*

Job Location: *Brownsville, Tx*

Plant to Manufacture: *PEP (Perla Eastgate Plant)*

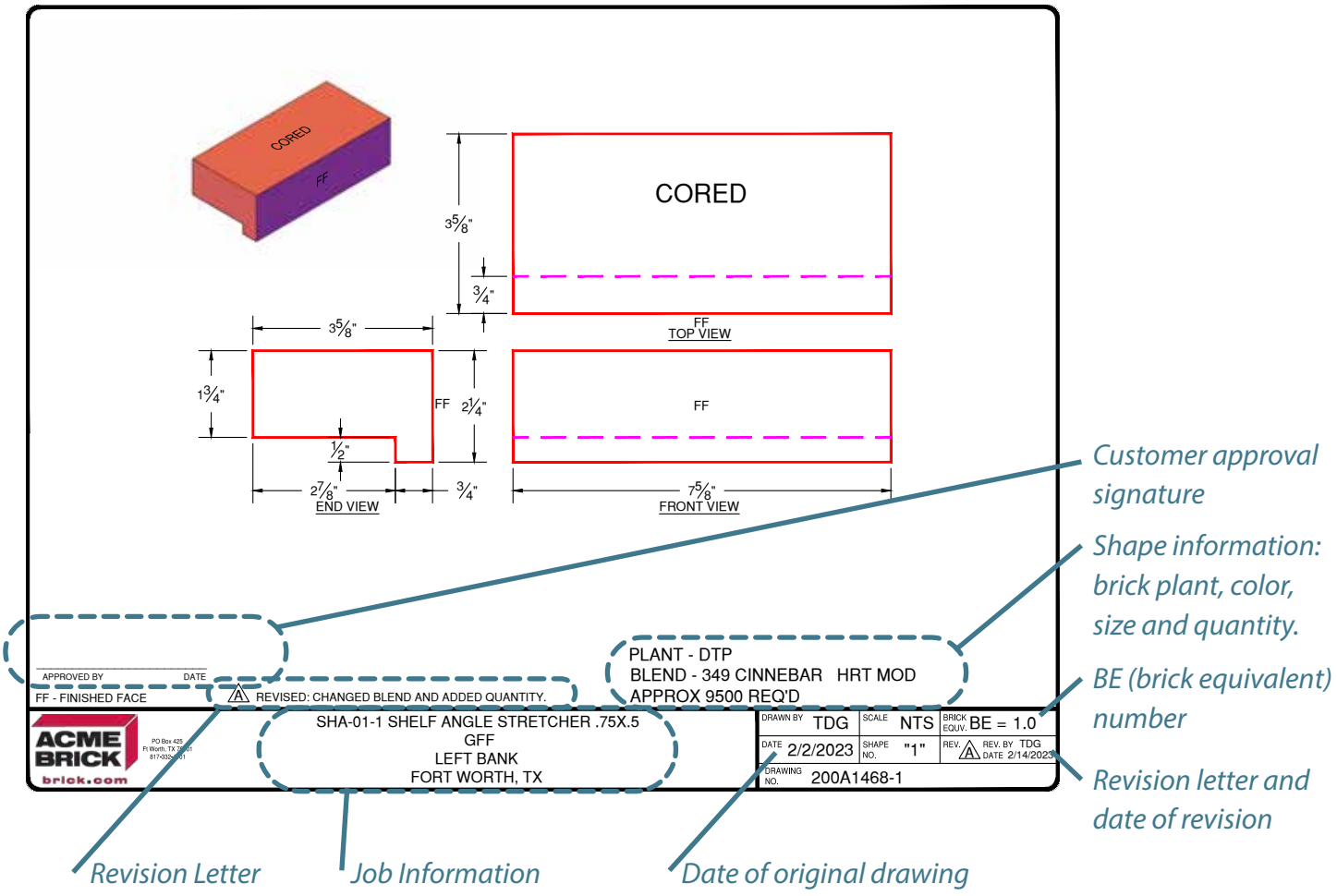
Blend (Number, Name, Texture, Size): *PEP167 Slate Gray, Velour, Utility Size*

Cored or Solid: *Cored*

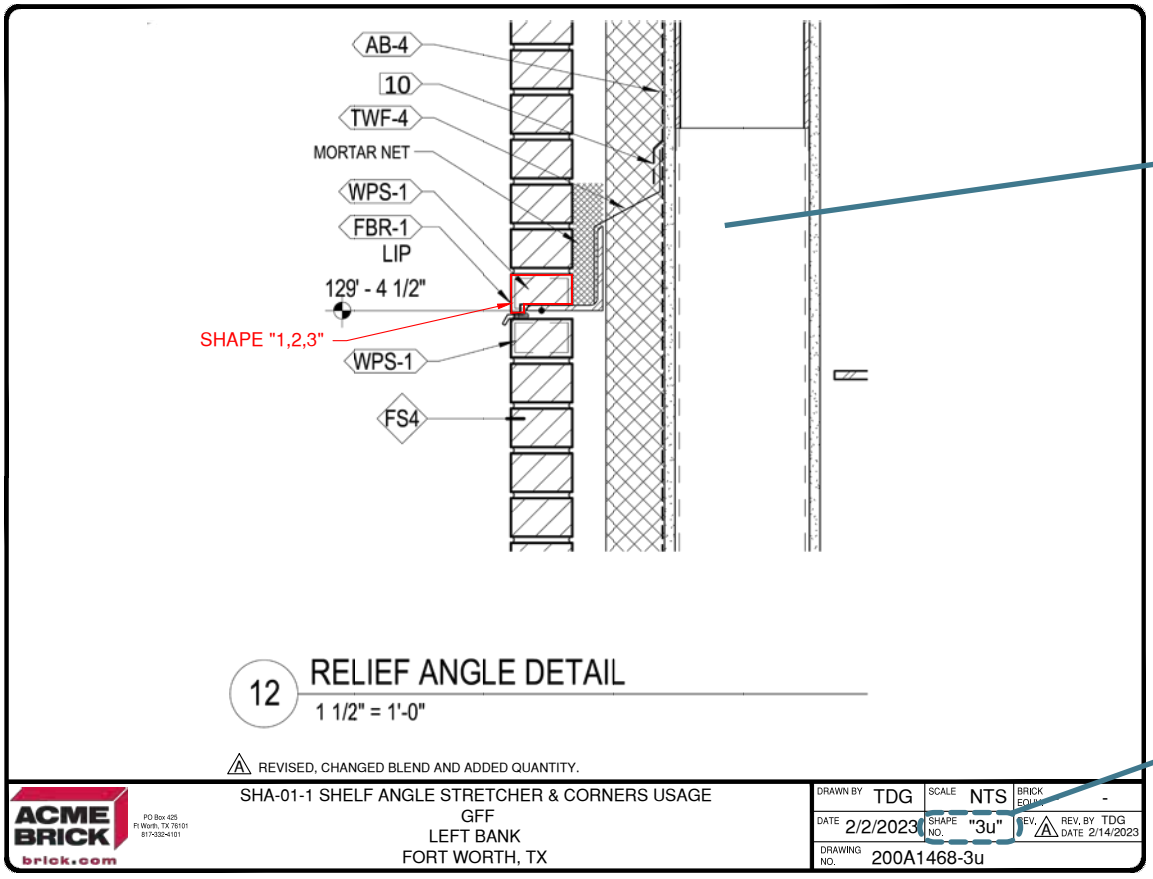
Usage Drawing, Finished Faces (FF): *Provide an architectural drawing, in pdf format, showing the shapes in use.*

Quantity: *1500*

Approval Drawing (shape number)



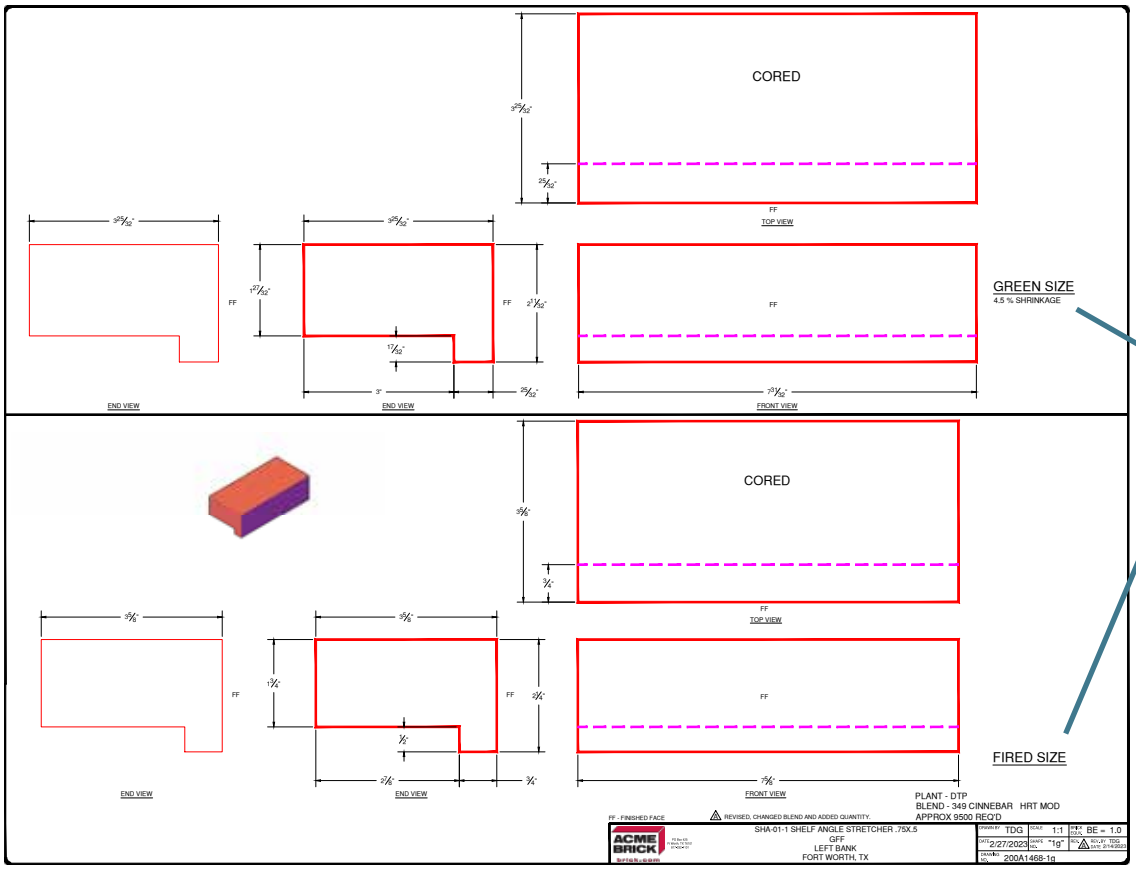
Usage Drawing (shape number + "u")



Usage diagram can be provided by either the architect or Acme's engineering department.

Note the 3u shape drawing designation - "u" for usage

Green Drawing (shape number + "g")



Green size (before) and Fired size (after) calculated to ensure finished in wall dimensions are correct.

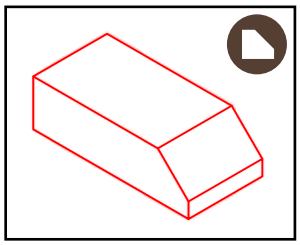
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

FLAT WATERTABLE

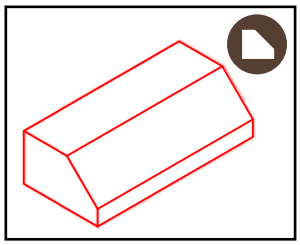
ROWLOCK WATERTABLE

Shape Nomenclature: [Shape Type Code]-[Profile]-[Piece]

SLOPED

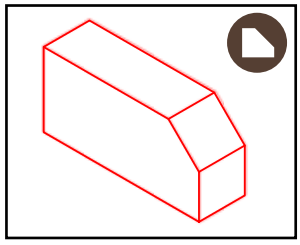


FWT-01-1 Flat Watertable - Sloped - Header



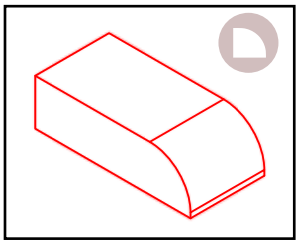
FWT-01-4 Flat Watertable - Sloped - Stretcher

SLOPED

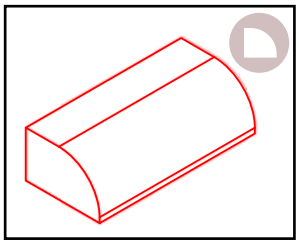


RWT-01-1 Rowlock Watertable - Sloped - Rowlock

BULLNOSE

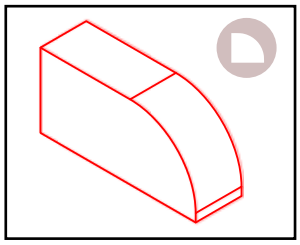


FWT-02-1 Flat Watertable - Bullnose - Header



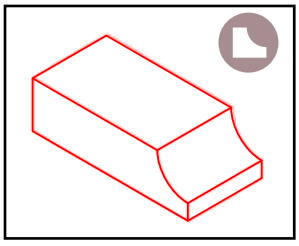
FWT-02-4 Flat Watertable - Bullnose - Stretcher

BULLNOSE

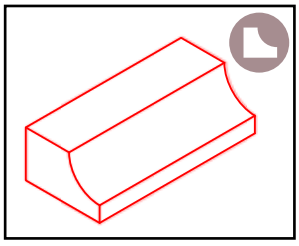


RWT-02-1 Rowlock Watertable - Bullnose - Rowlock

COVE

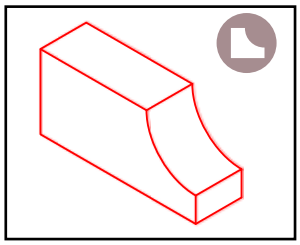


FWT-03-1 Flat Watertable - Cove - Header



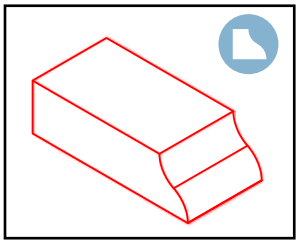
FWT-03-4 Flat Watertable - Cove - Stretcher

COVE

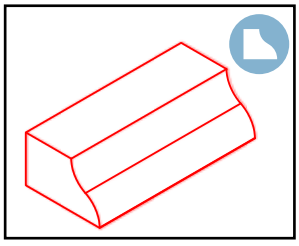


RWT-03-1 Rowlock Watertable - Cove - Rowlock

OGEE

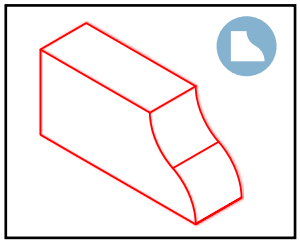


FWT-04-1 Flat Watertable - Ogee - Header



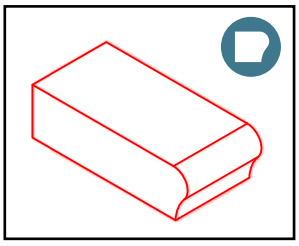
FWT-04-4 Flat Watertable - Ogee - Stretcher

OGEE

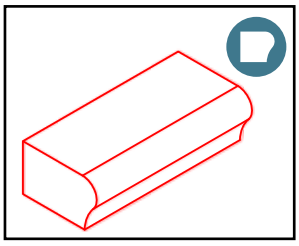


RWT-04-1 Rowlock Watertable - Ogee - Rowlock

BULLNOSE OGEE

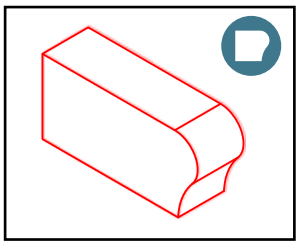


FWT-05-1 Flat Watertable - Bullnose Ogee - Header



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

BULLNOSE OGEE

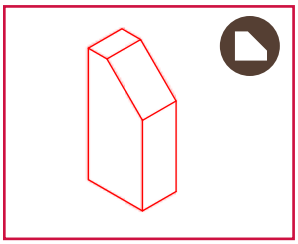


RWT-05-1 Rowlock Watertable - Bullnose Ogee - Rowlock

SOLDIERS

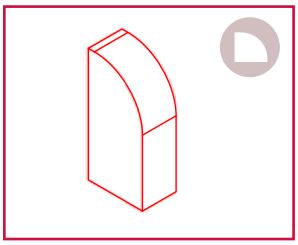
Shape Nomenclature: [Shape Type Code]-[Profile]-[Piece]

SLOPED



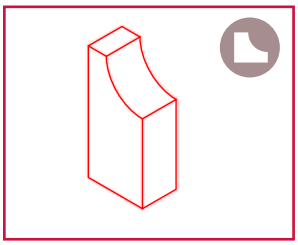
SDR-01-1
Soldier - Sloped

BULLNOSE



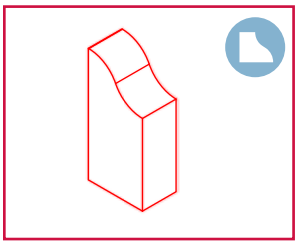
SDR-02-1
Soldier - Bullnose

COVE



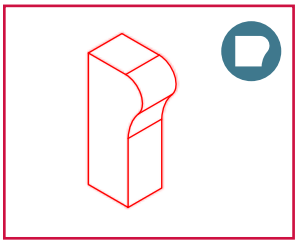
SDR-03-1
Soldier - Cove

OGEE



SDR-04-1
Soldier - Ogee

BULLNOSE OGEE

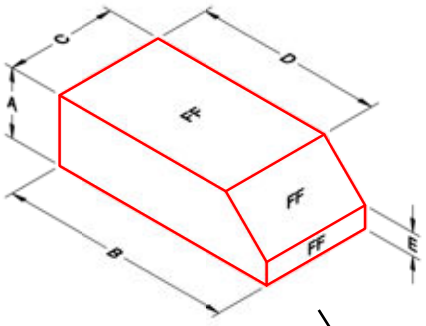


SDR-05-1
Soldier - Bullnose Ogee

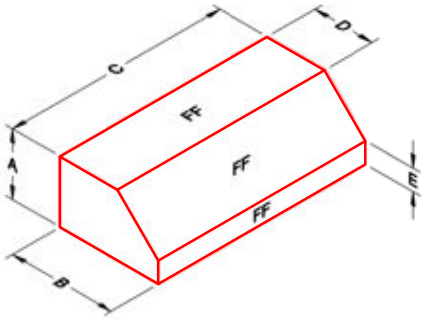
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Flat Watertable - Sloped

FWT-01-1 Header

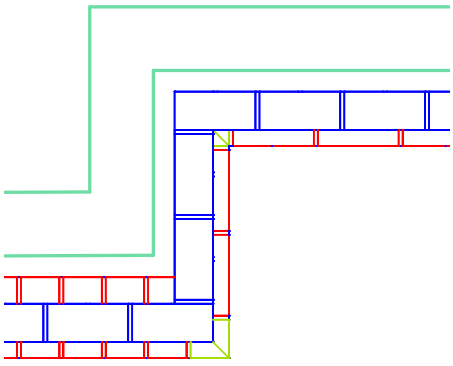


FWT-01-4 Stretcher

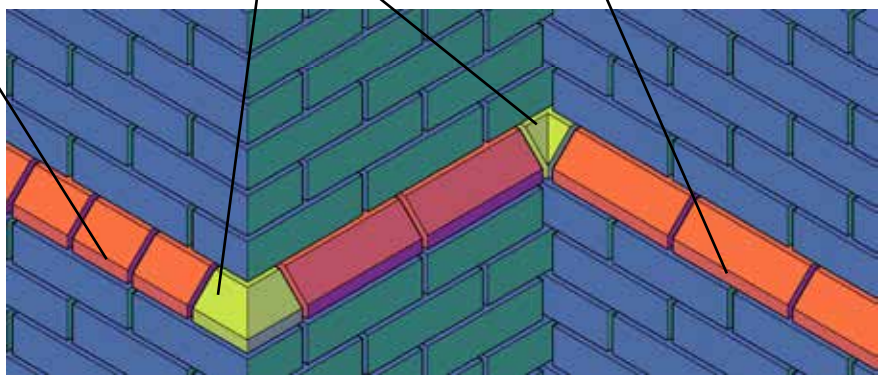


Wall Diagram

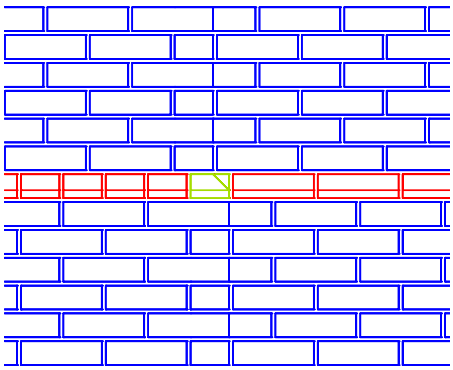
FWT-01-4 Stretcher with Mitre Cut



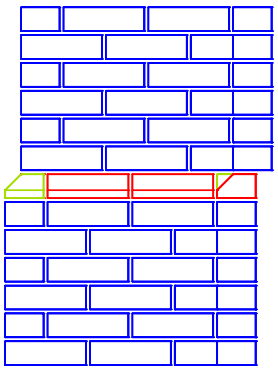
TOP VIEW



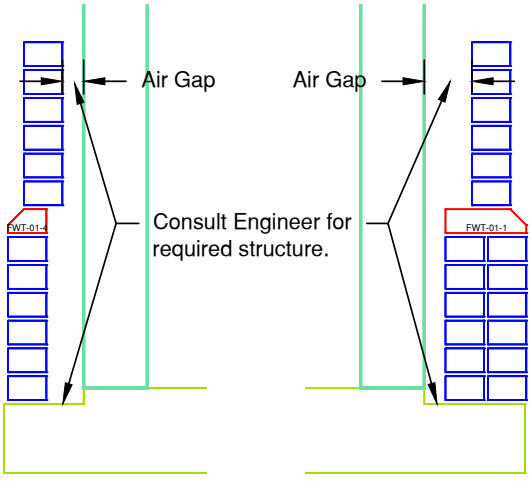
ISO VIEW



FRONT VIEW

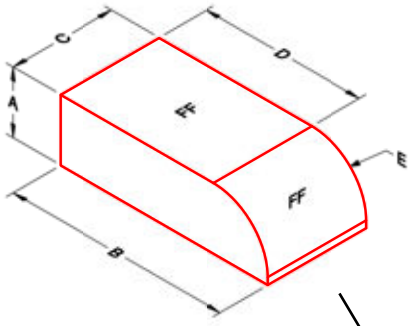


SIDE VIEW

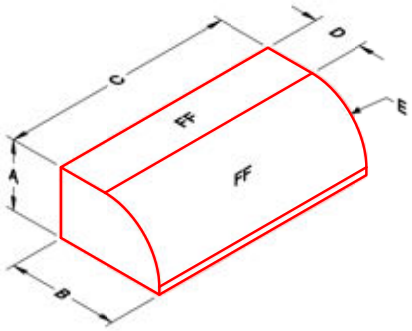


Flat Watertable - Sloped

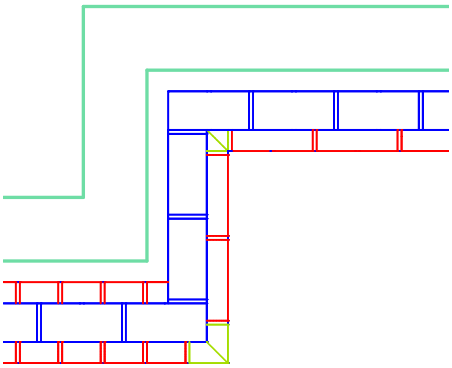
FWT-02-1 Header



FWT-02-4 Stretcher

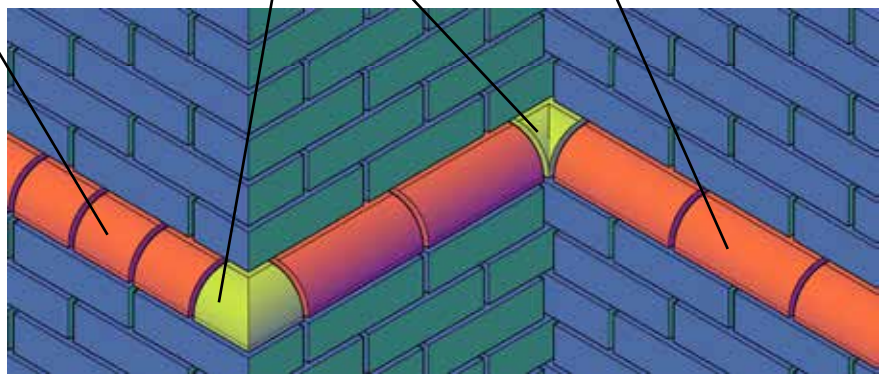


Wall Diagram

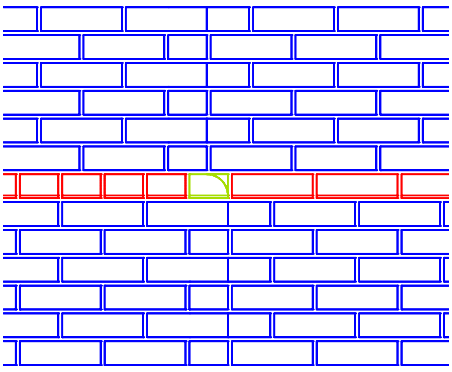


TOP VIEW

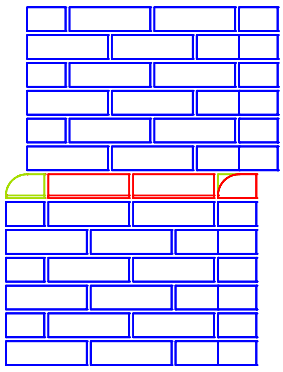
FWT-02-4 Stretcher with Mitre Cut



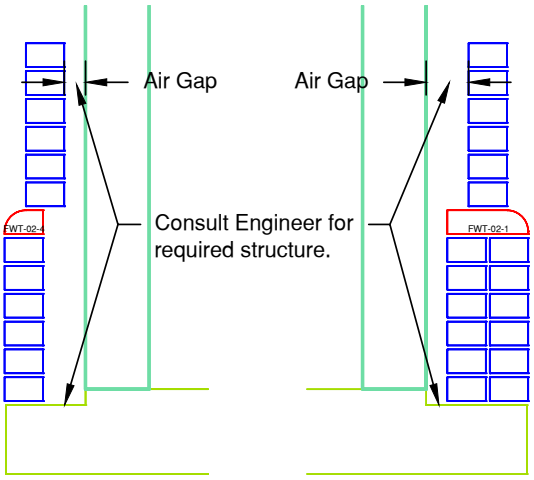
ISO VIEW



FRONT VIEW



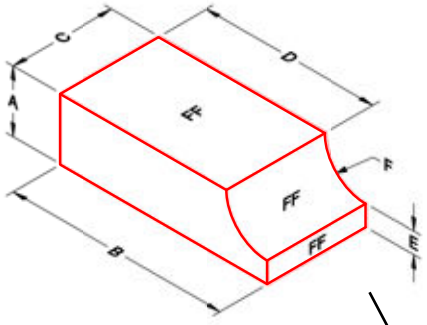
SIDE VIEW



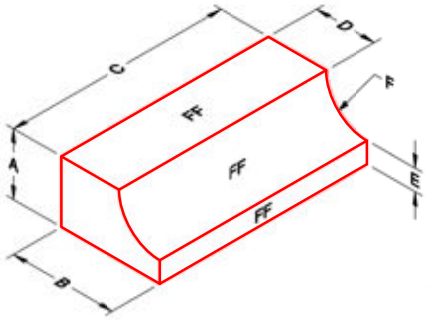
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Flat Watertables - Cove

FWT-03-1 Header

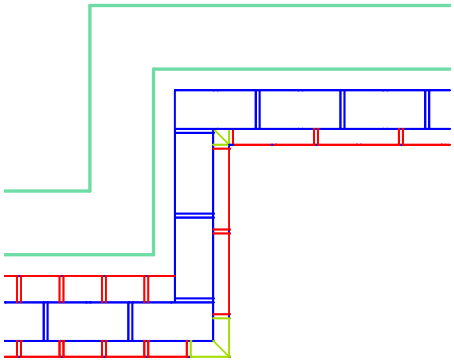


FWT-03-4 Stretcher

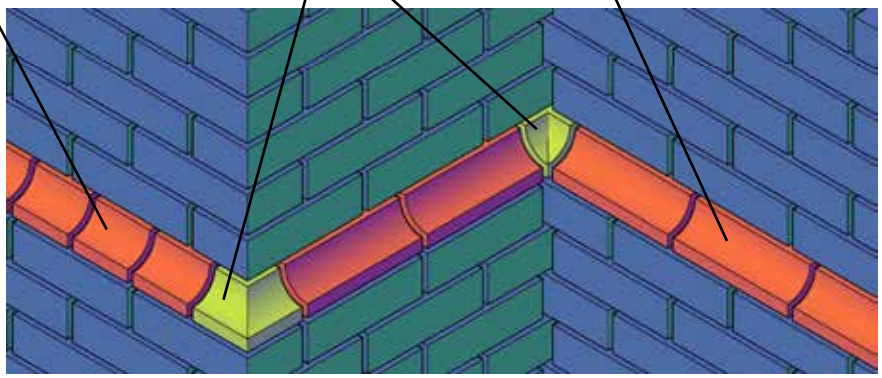


Wall Diagram

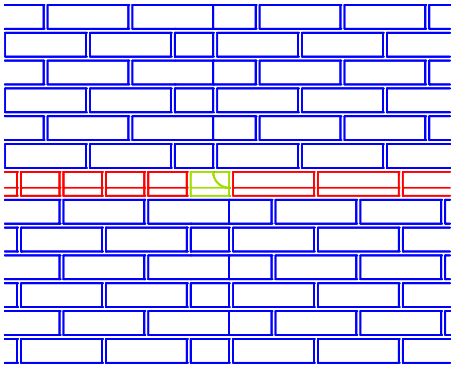
FWT-03-4 Stretcher with Mitre Cut



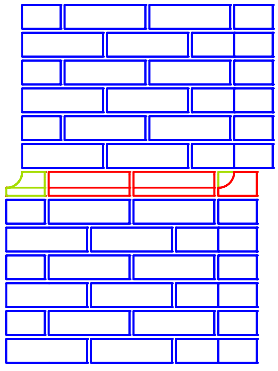
TOP VIEW



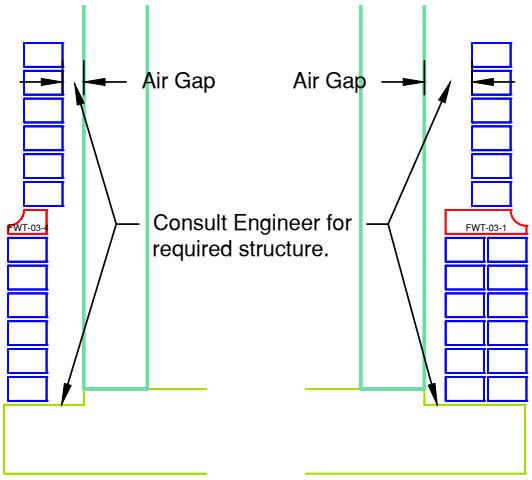
ISO VIEW



FRONT VIEW

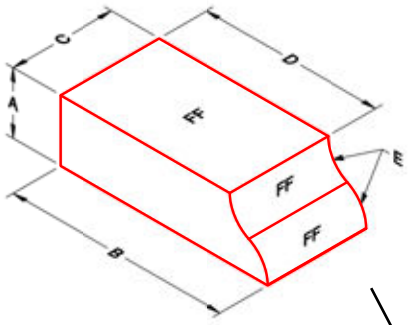


SIDE VIEW

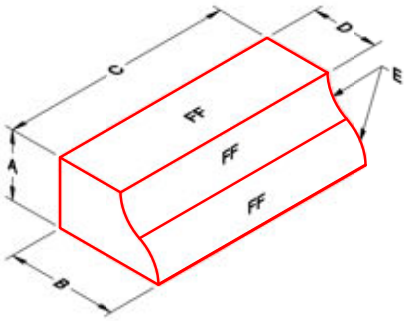


Flat Watertables - Cove

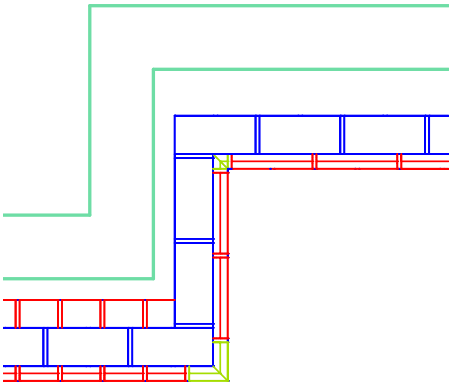
FWT-04-1 Header



FWT-04-4 Stretcher

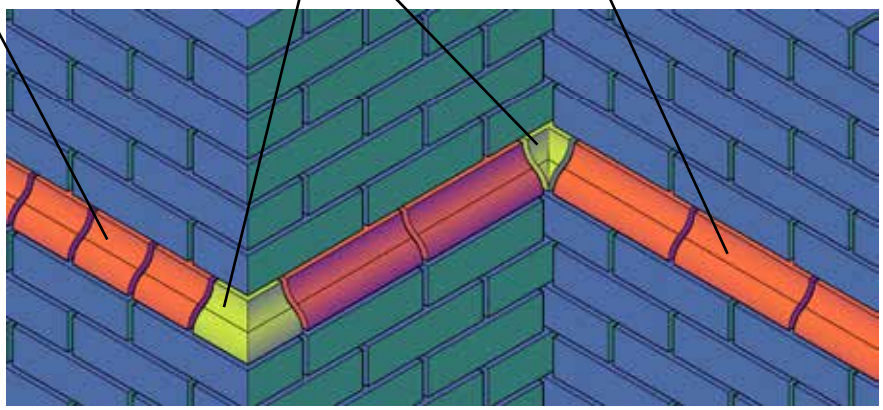


Wall Diagram

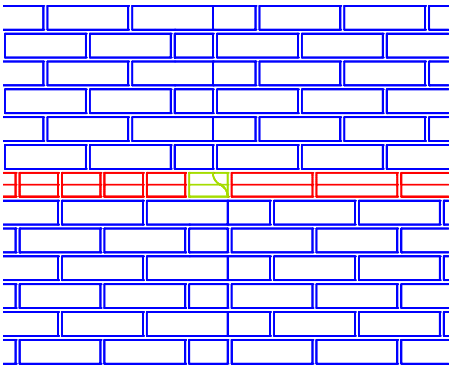


TOP VIEW

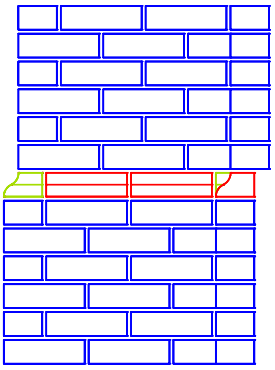
FWT-04-4 Stretcher with Mitre Cut



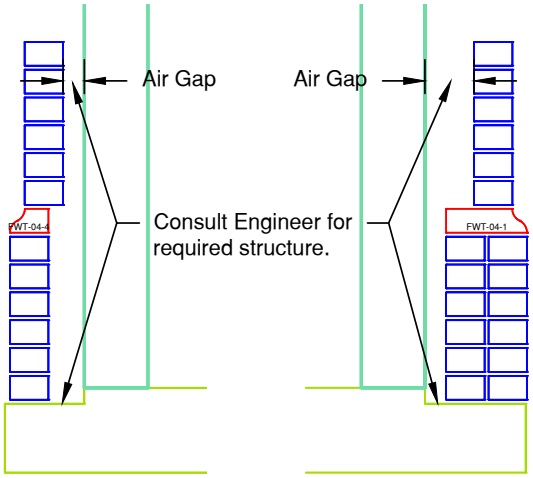
ISO VIEW



FRONT VIEW



SIDE VIEW



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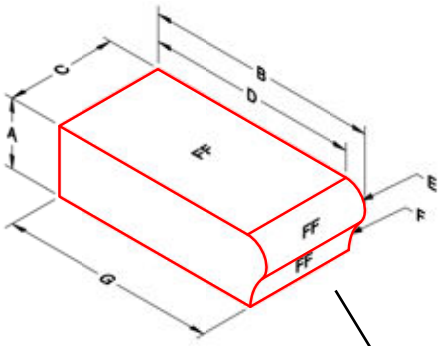
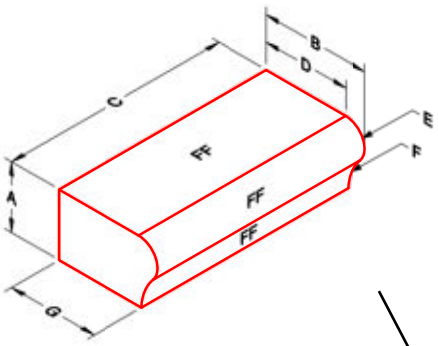
Flat Watertables - Bullnose Ogee

FWT-05-1 Header

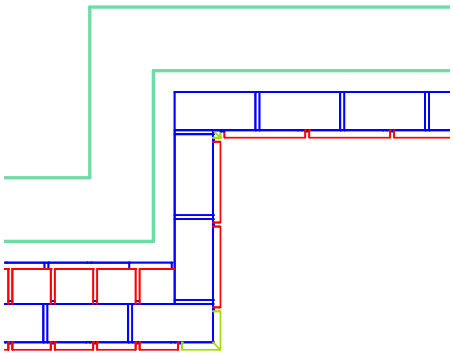


FWT-05-4 Stretcher

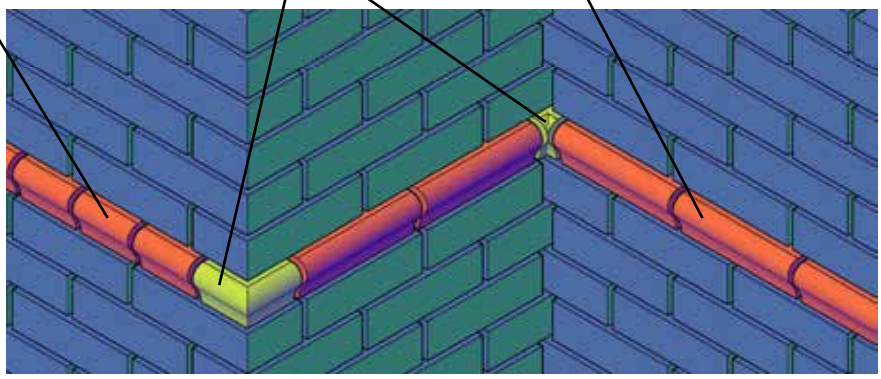


Wall Diagram

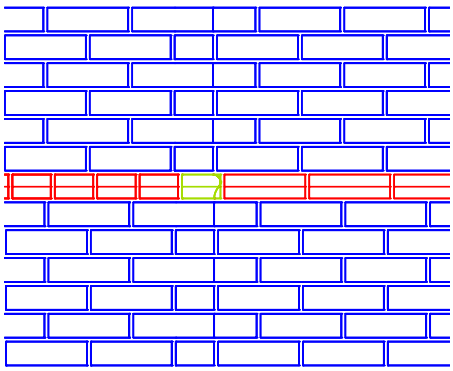
FWT-05-4 Stretcher with Mitre Cut



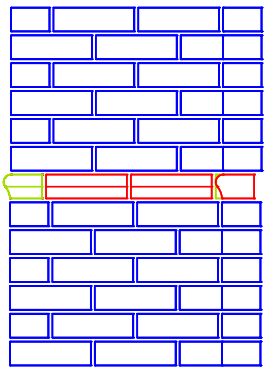
TOP VIEW



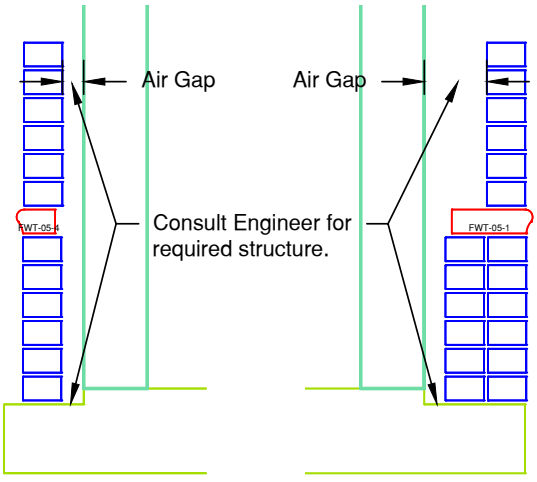
ISO VIEW



FRONT VIEW

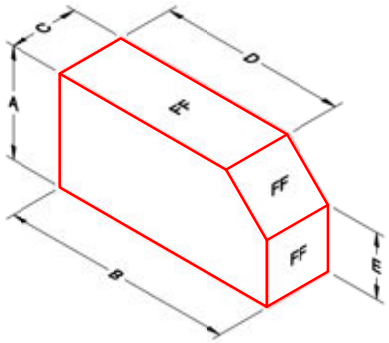


SIDE VIEW



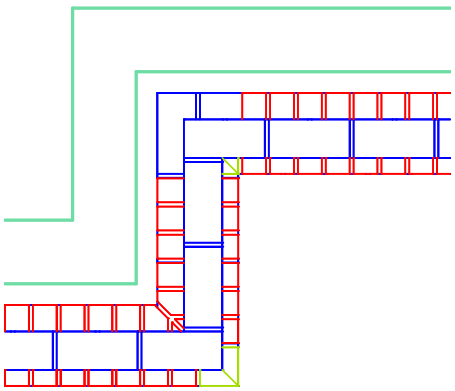
Rowlock Watertable - Sloped

RWT-01-1 Rowlock

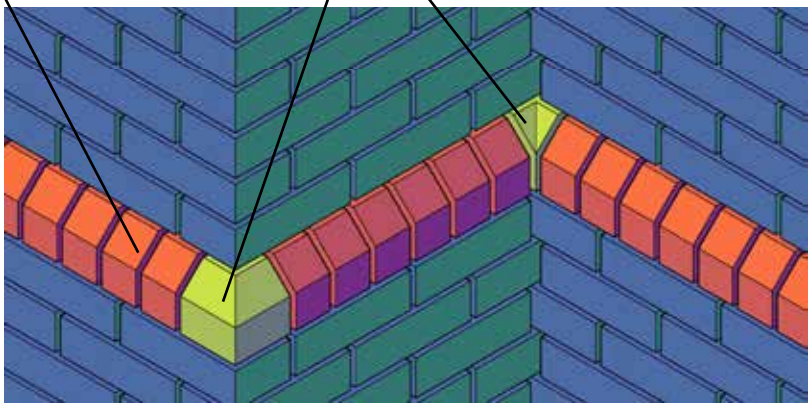


Wall Diagram

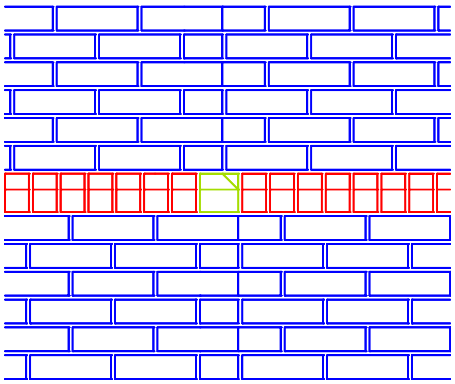
RWT-01-1 Rowlock with Mitre Cut



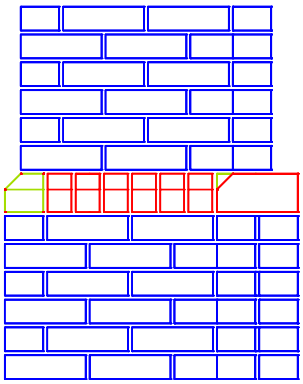
TOP VIEW



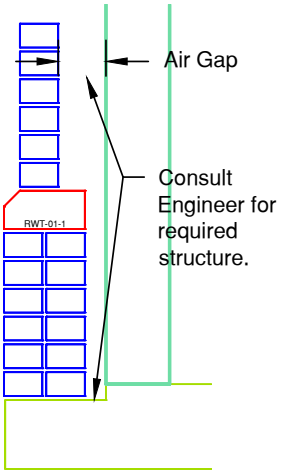
ISO VIEW



FRONT VIEW



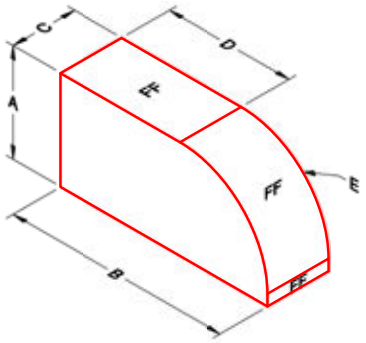
SIDE VIEW



** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

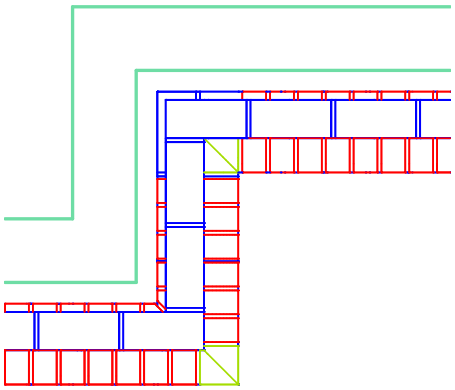
Rowlock Watertable - Bullnose

RWT-02-1 Rowlock

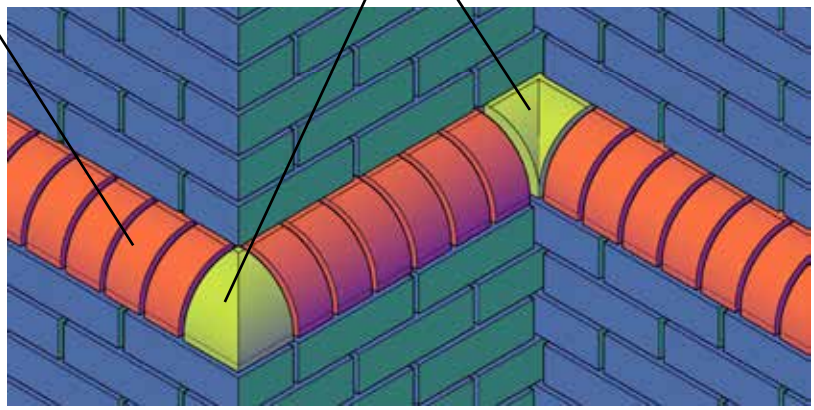


Wall Diagram

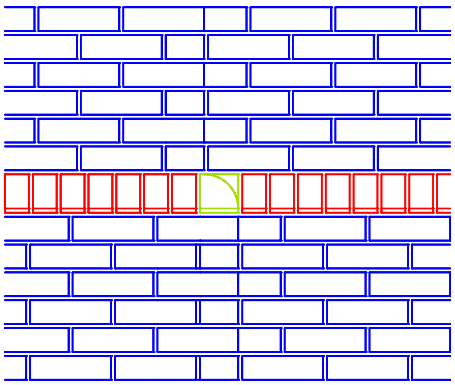
RWT-02-1 Rowlock with Mitre Cut



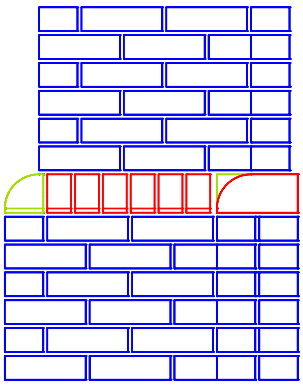
TOP VIEW



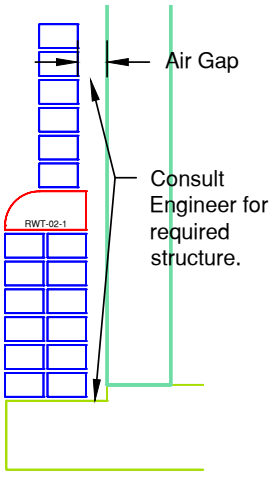
ISO VIEW



FRONT VIEW

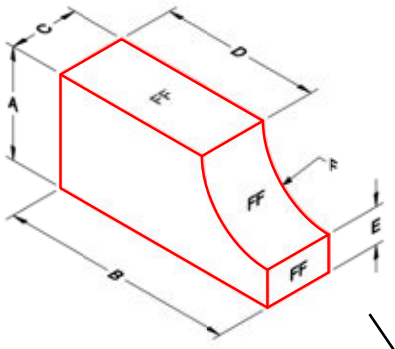


SIDE VIEW



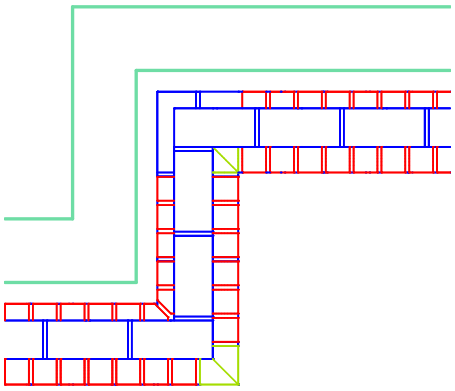
Rowlock Watertable - Cove

RWT-03-1 Rowlock

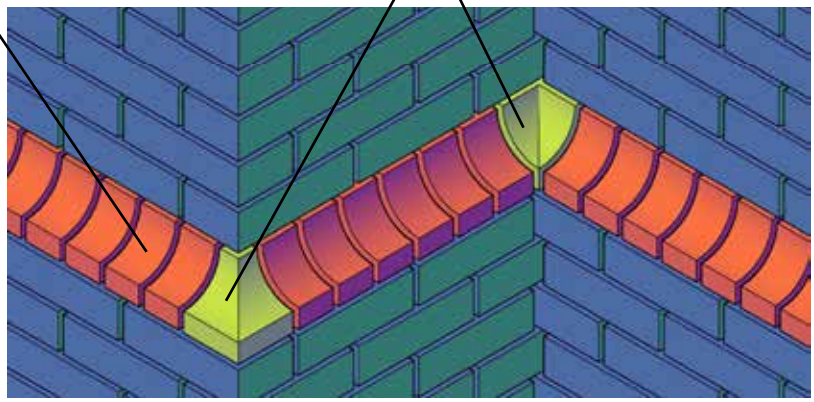


Wall Diagram

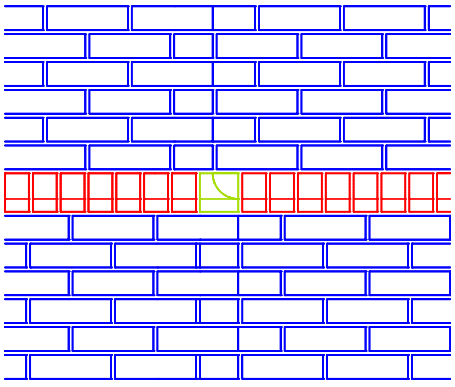
RWT-03-1 Rowlock with Mitre Cut



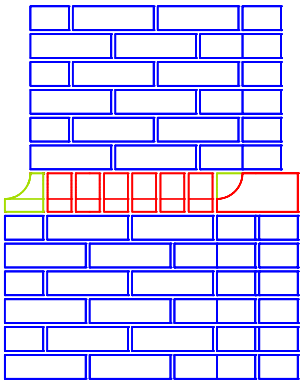
TOP VIEW



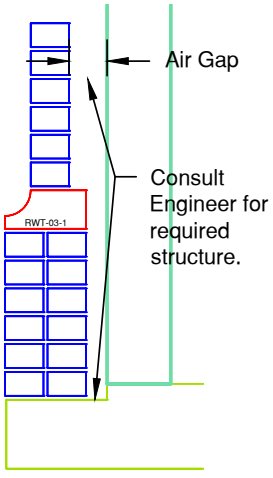
ISO VIEW



FRONT VIEW



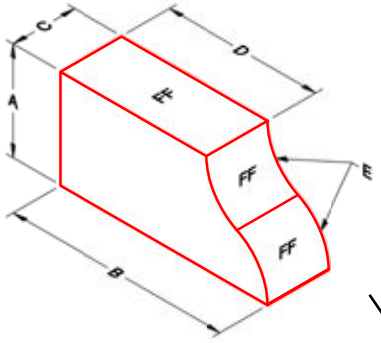
SIDE VIEW



** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

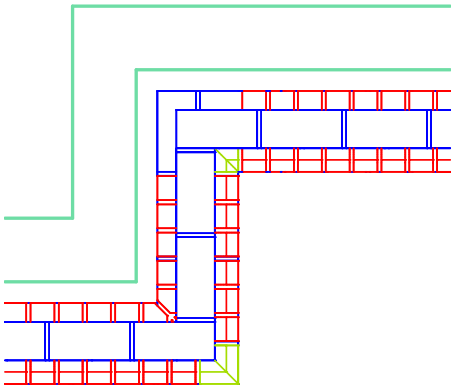
Rowlock Watertable - Ogee

RWT-04-1 Rowlock

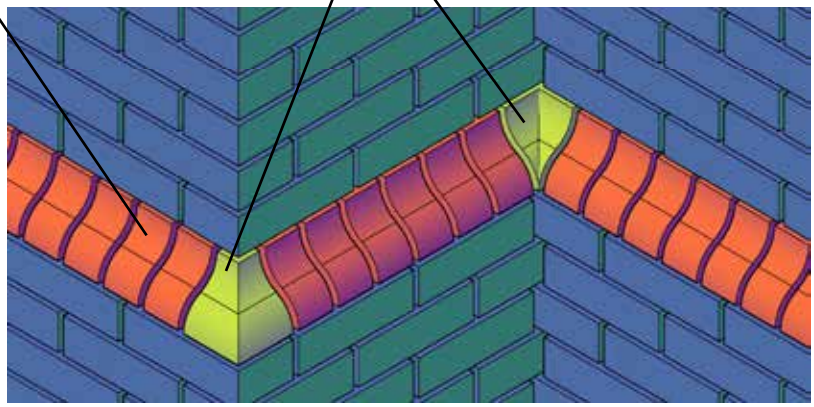


Wall Diagram

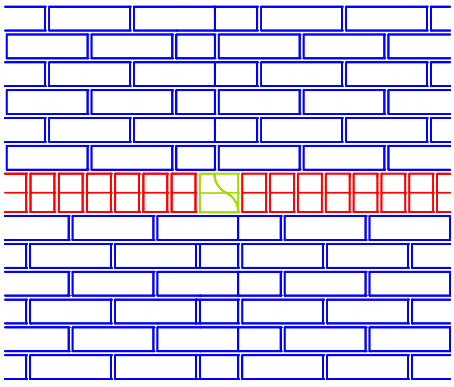
RWT-04-1 Rowlock with Mitre Cut



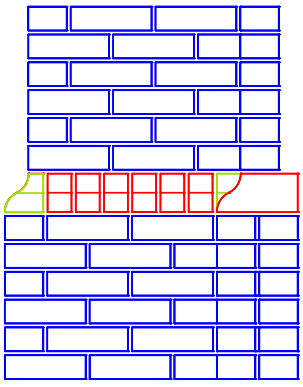
TOP VIEW



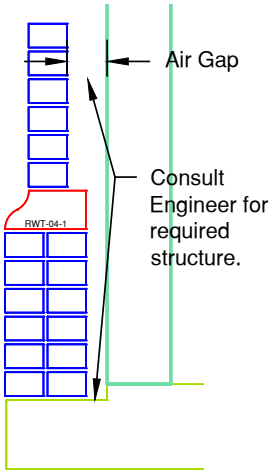
ISO VIEW



FRONT VIEW

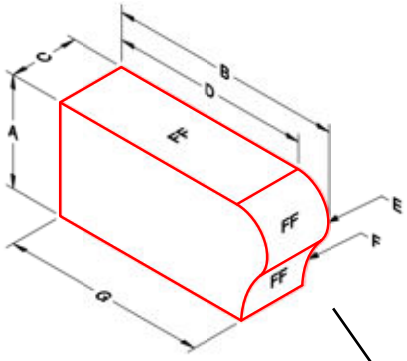


SIDE VIEW



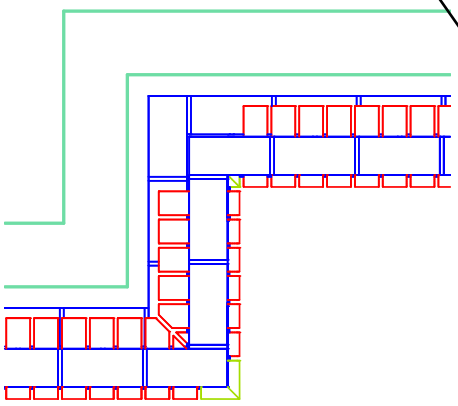
Rowlock Watertable - Bullnose Ogee

RWT-05-1 Rowlock

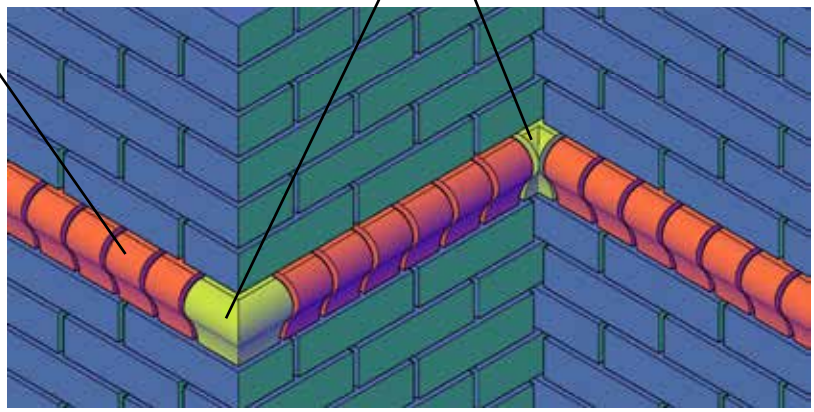


Wall Diagram

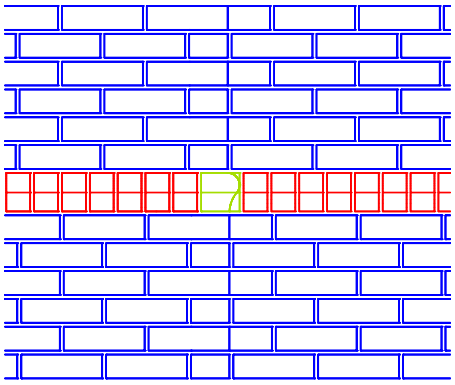
RWT-04-1 Rowlock with Mitre Cut



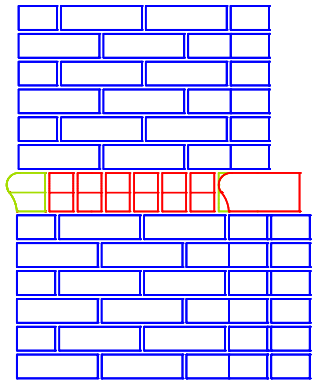
TOP VIEW



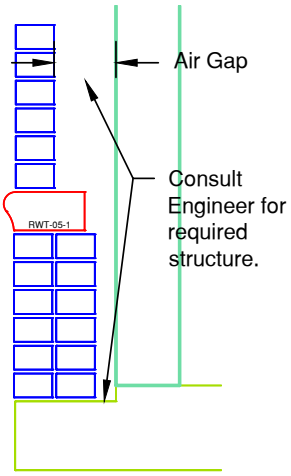
ISO VIEW



FRONT VIEW



SIDE VIEW



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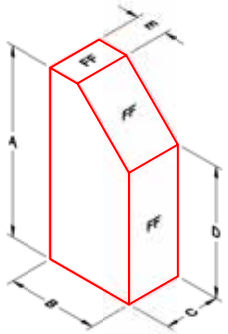
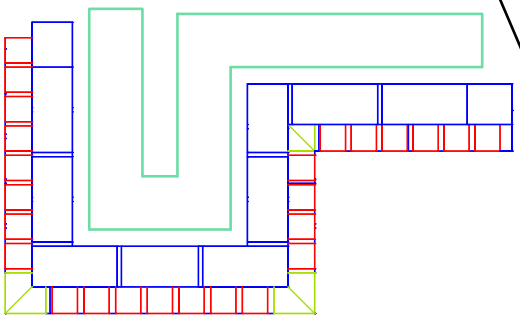
Soldiers - Sloped

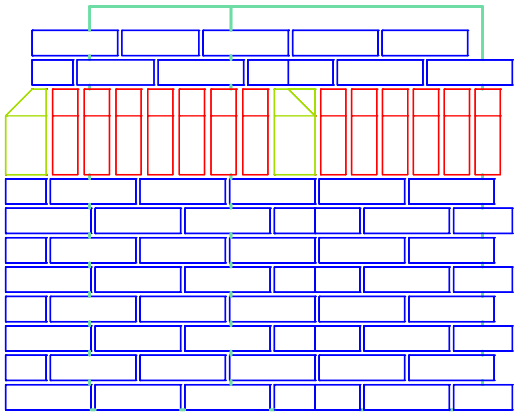
SDR-01-1 Soldier



Soldier Course Diagram

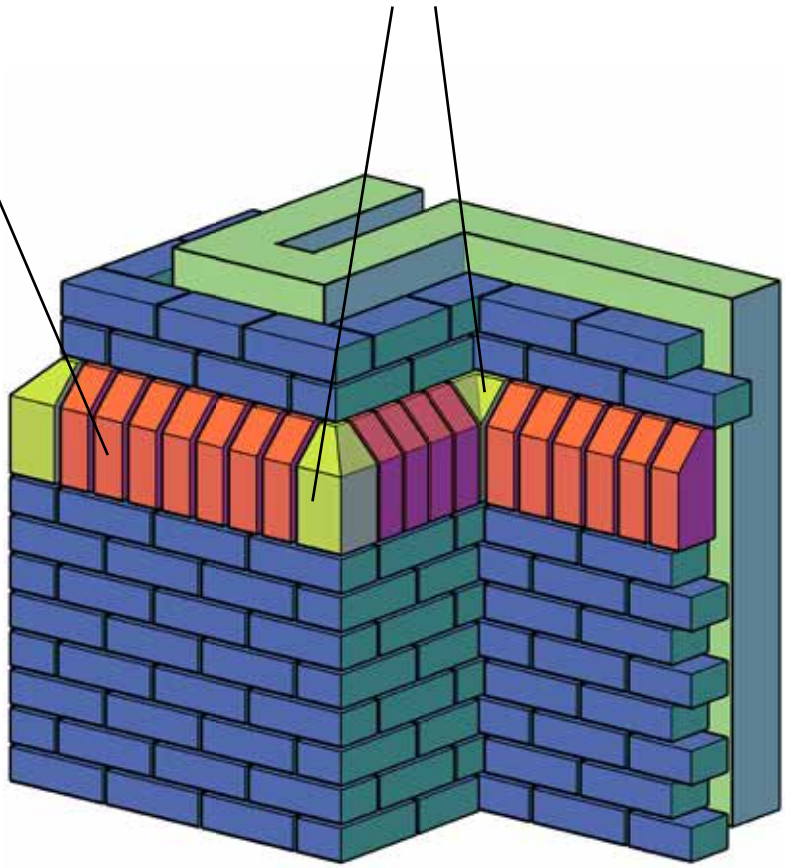


TOP VIEW



FRONT VIEW

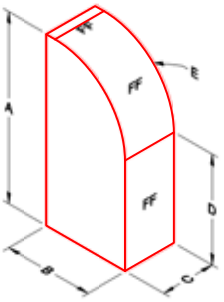
SDR-01-1 Soldier with Mitre Cut



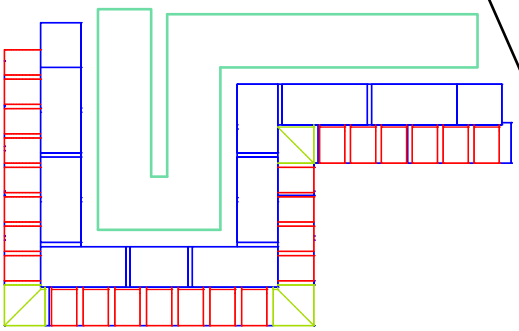
ISO VIEW

Soldiers - Bullnose

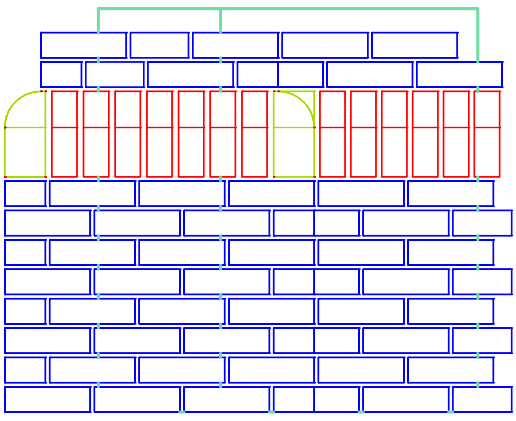
SDR-02-1 Soldier



Soldier Course Diagram

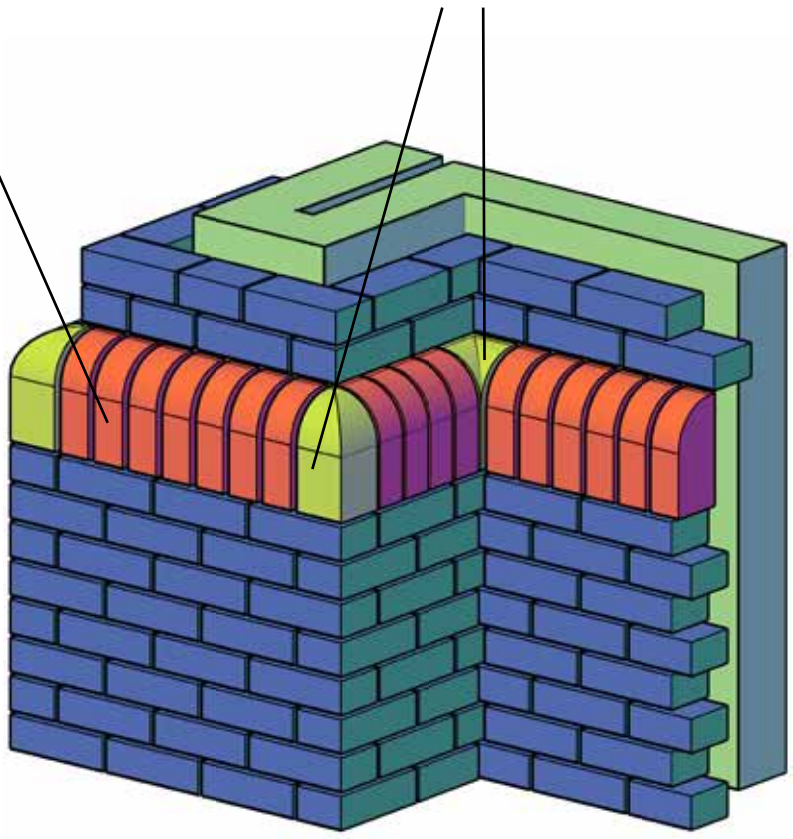


TOP VIEW



FRONT VIEW

SDR-02-1 Soldier with Mitre Cut



ISO VIEW

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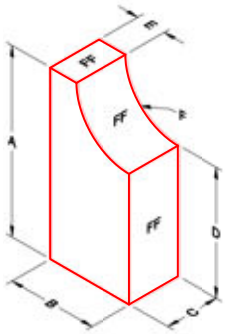
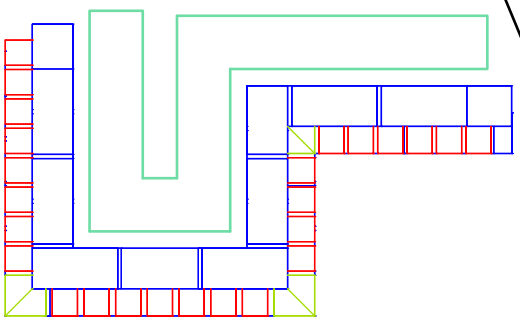
Soldiers - Cove

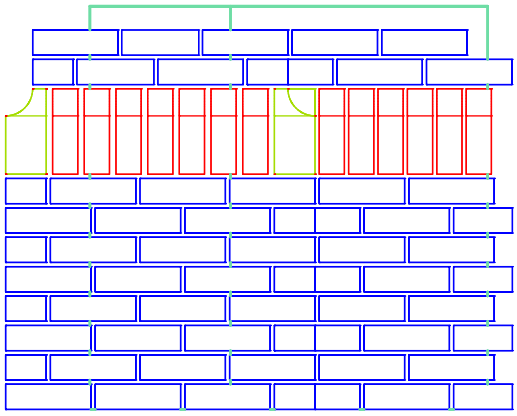
SDR-03-1 Soldier



Soldier Course Diagram

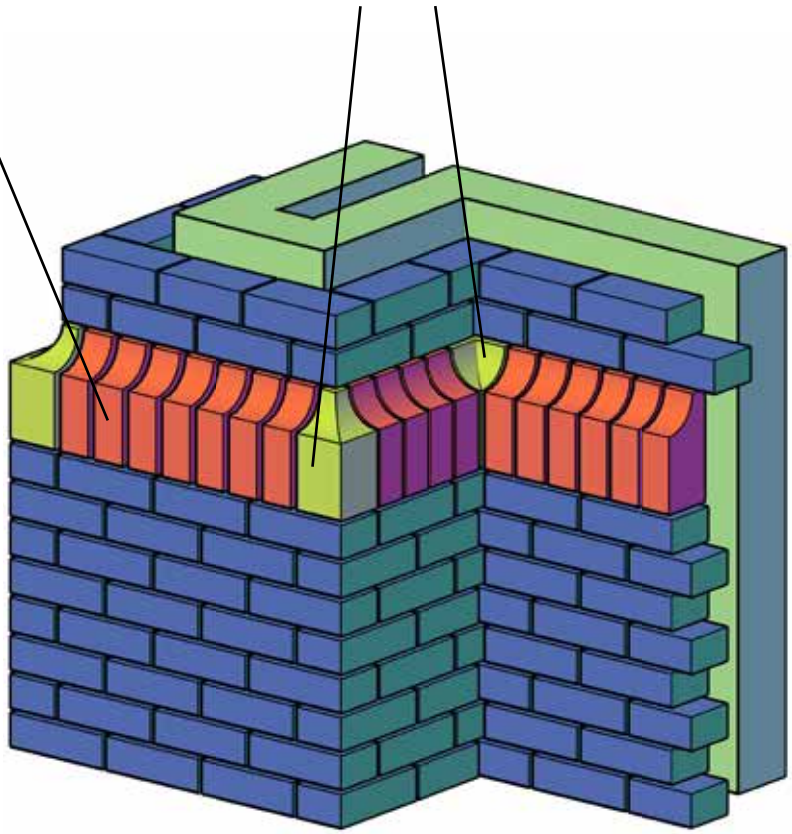


TOP VIEW



FRONT VIEW

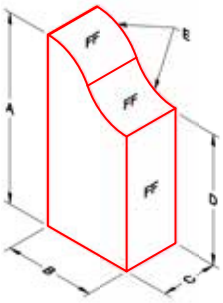
SDR-03-1 Soldier with Mitre Cut



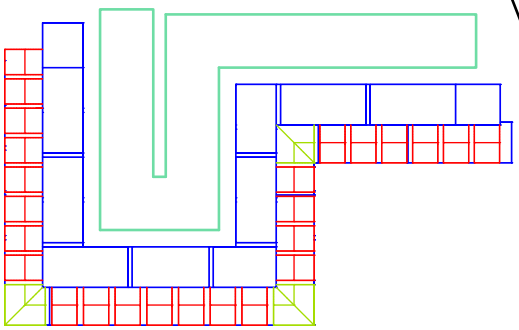
ISO VIEW

Soldiers - Ogee

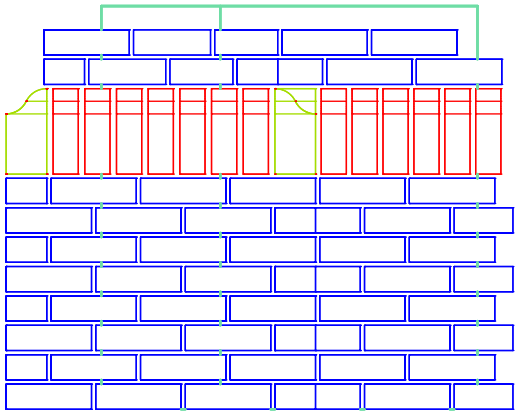
SDR-04-1 Soldier



Soldier Course Diagram

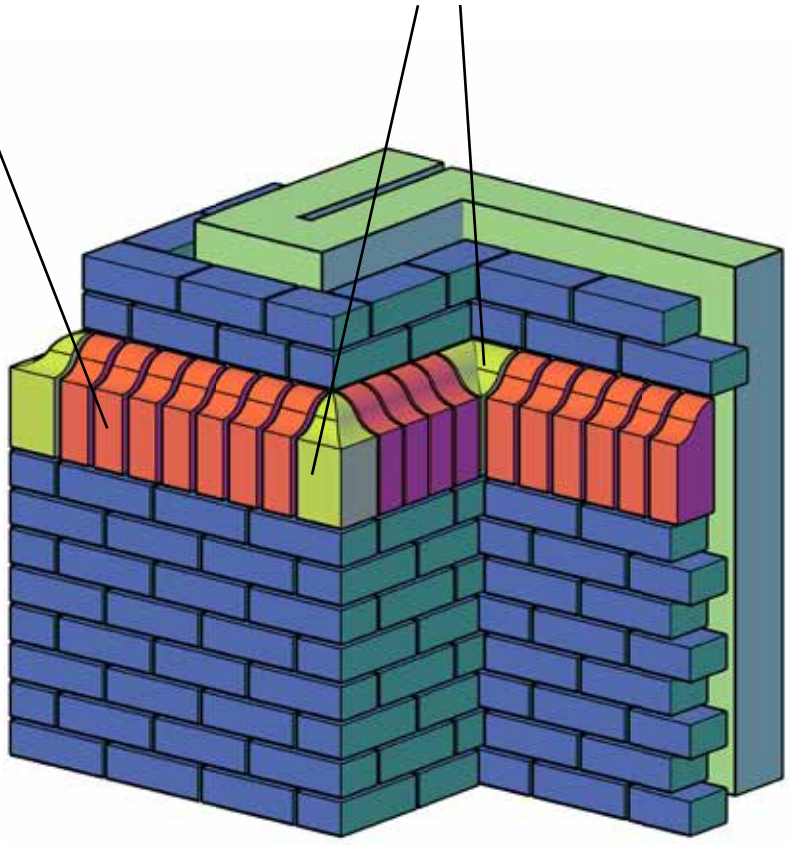


TOP VIEW



FRONT VIEW

SDR-04-1 Soldier with Mitre Cut



ISO VIEW

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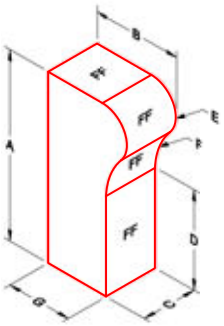
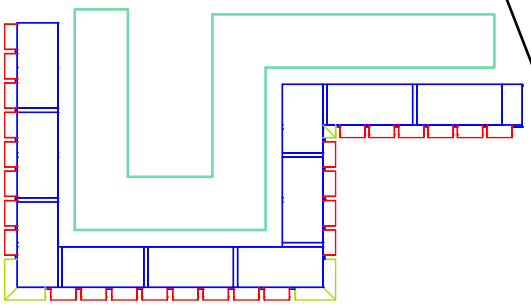
Soldiers - Bullnose Ogee

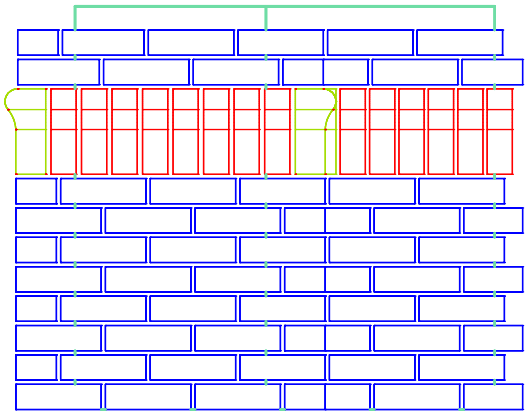
SDR-05-1 Soldier



Soldier Course Diagram

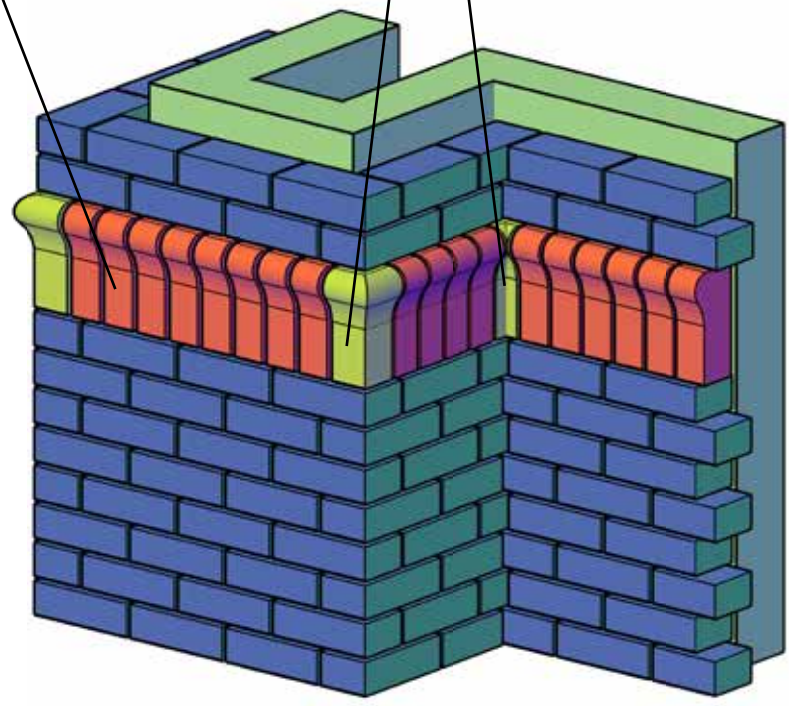


TOP VIEW



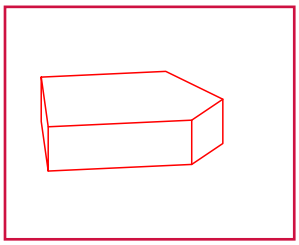
FRONT VIEW

SDR-05-1 Soldier with Mitre Cut

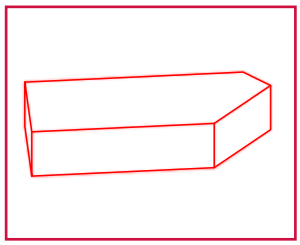


ISO VIEW

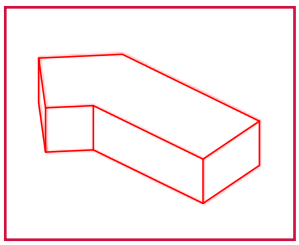
CORNERS



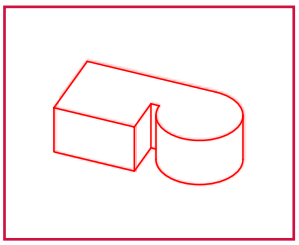
CNR-01-1 Corner - External Short



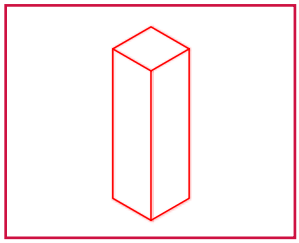
CNR-01-2 Corner - External Long



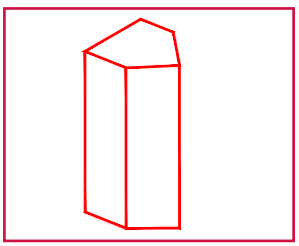
CNR-01-3 Corner - Internal



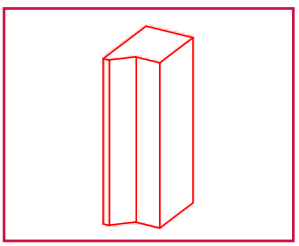
CNR-01-4 Corner - Hinge Brick



CNR-02-1 Corner - Soldier



CNR-02-2 Corner - External Soldier



CNR-02-3 Corner - Internal Soldier

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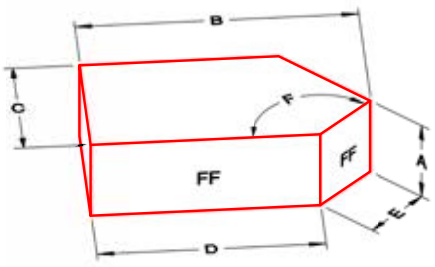
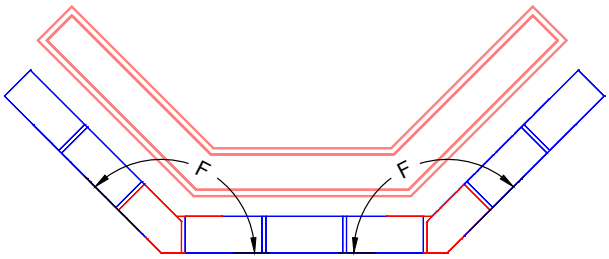
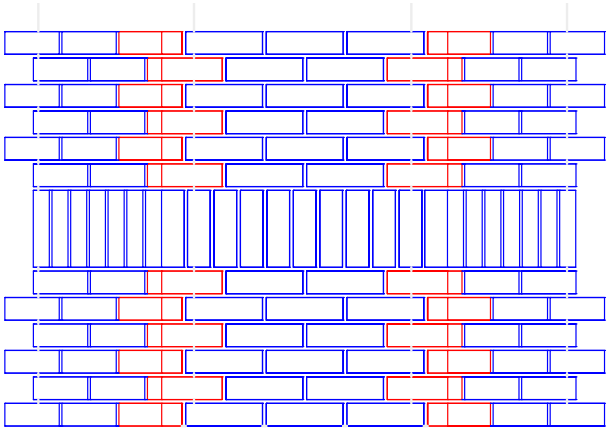
Corners - External Short

CNR-01-1 Corner - External Short



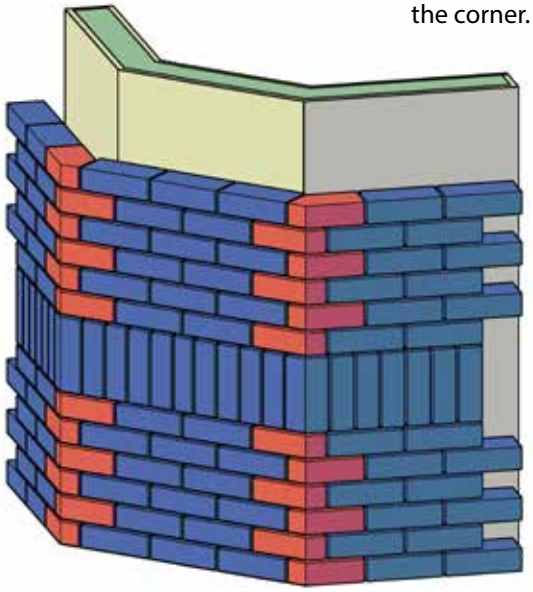


TOP VIEW



FRONT VIEW

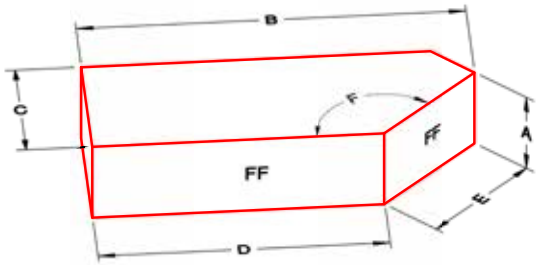
Pieces are flipped over to create the corner.

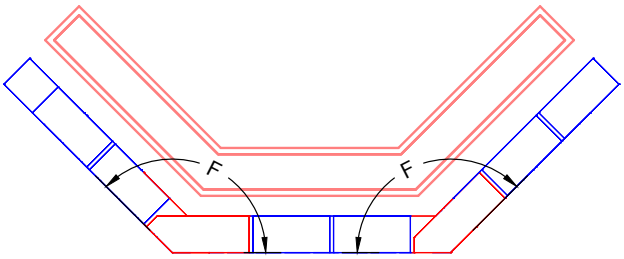


ISO VIEW

Corners - External Long

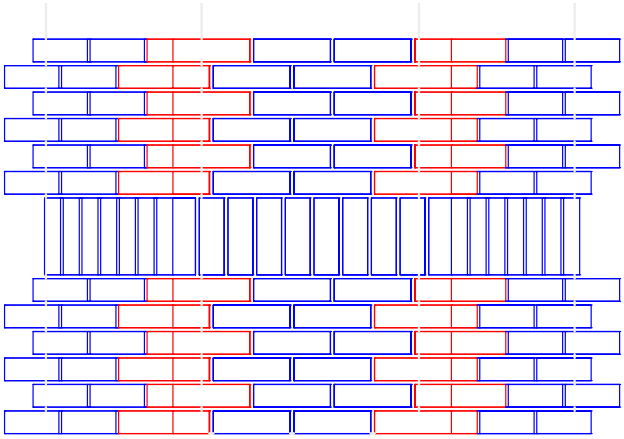
CNR-01-2 Corner - External Long



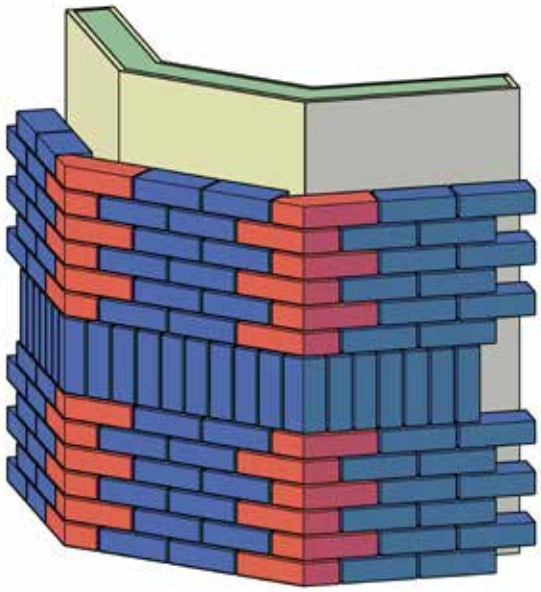


TOP VIEW

Pieces are flipped over to create the corner.



FRONT VIEW

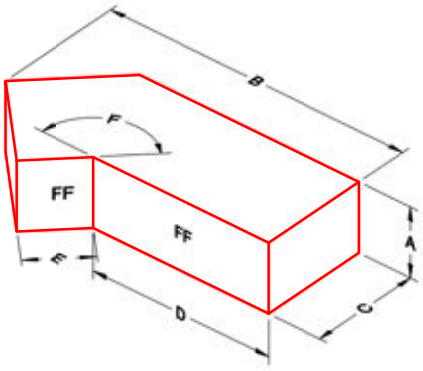


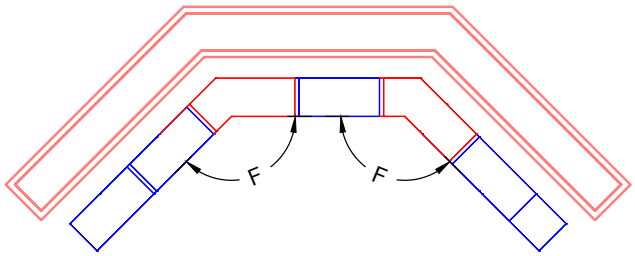
ISO VIEW

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Corners - Internal

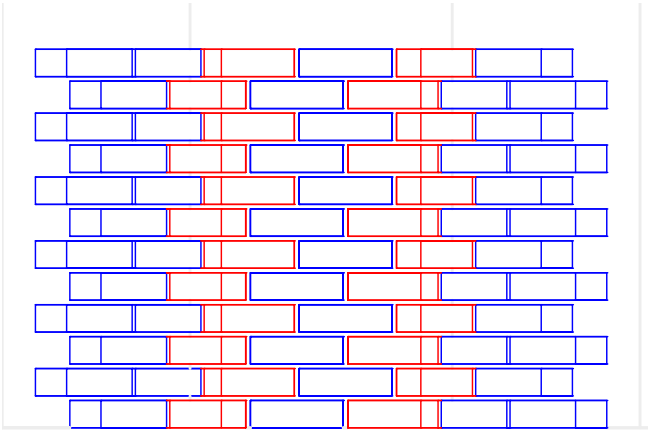
CNR-01-3 Corner - Internal



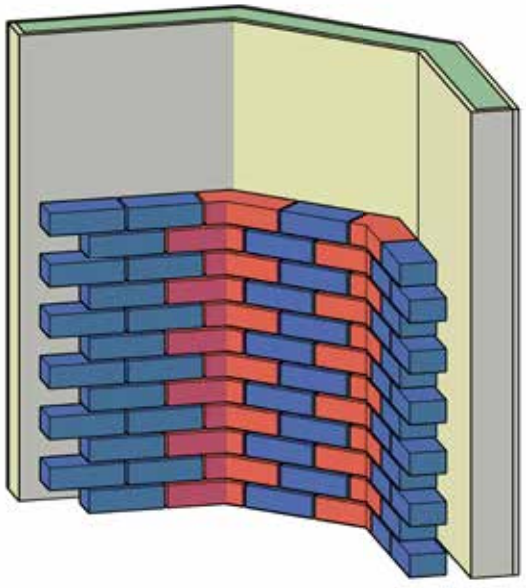


TOP VIEW

Pieces are flipped over to create the corner.



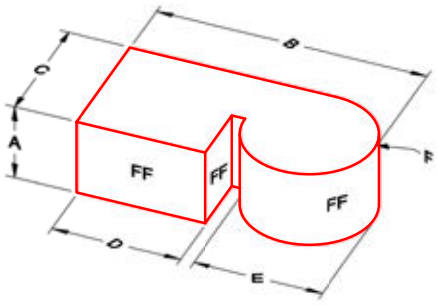
FRONT VIEW

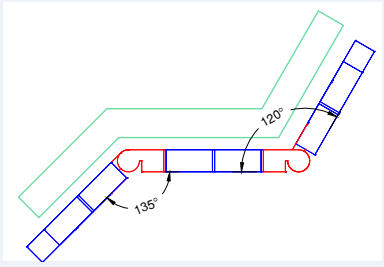
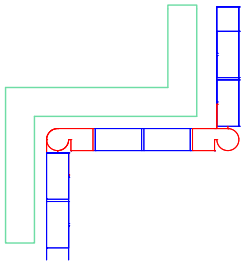
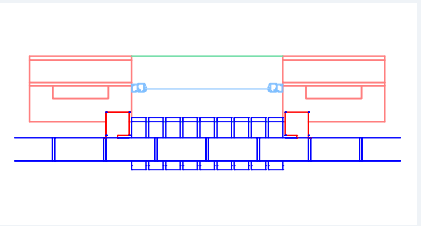
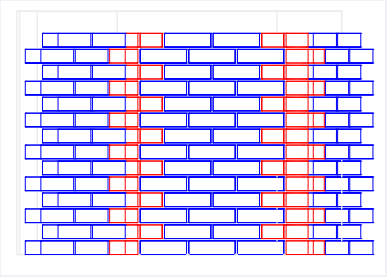
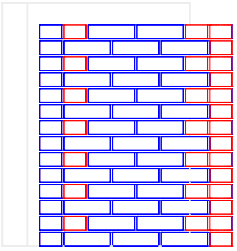
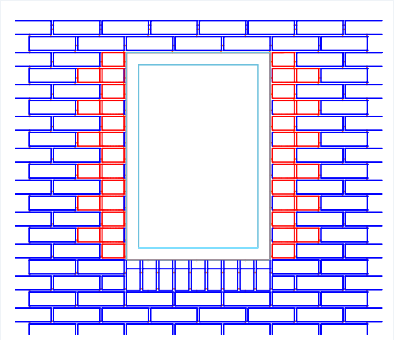
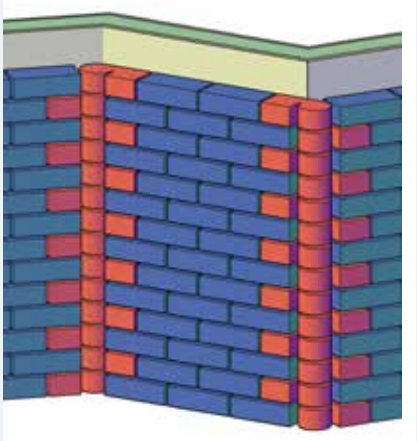
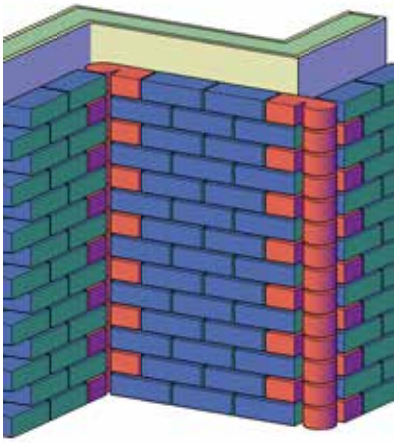
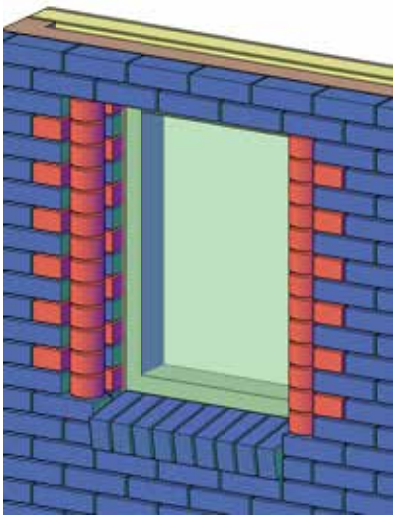


ISO VIEW

Corners - Hinge Brick

CNR-01-4 Corner - Hinge Brick

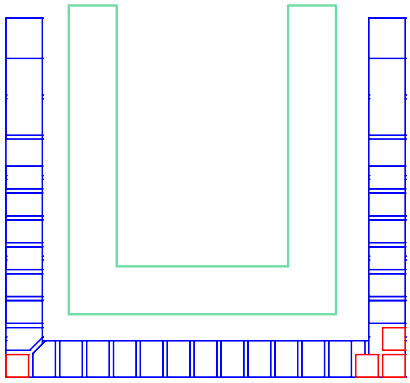


	135 or 120 degrees	90 degrees	As window jambs
Top View			
Front View			
Isometric View			

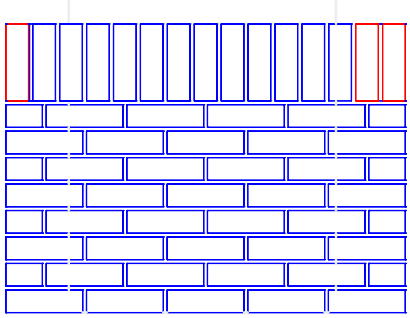
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Corners - Soldiers

Soldier Corner Diagrams

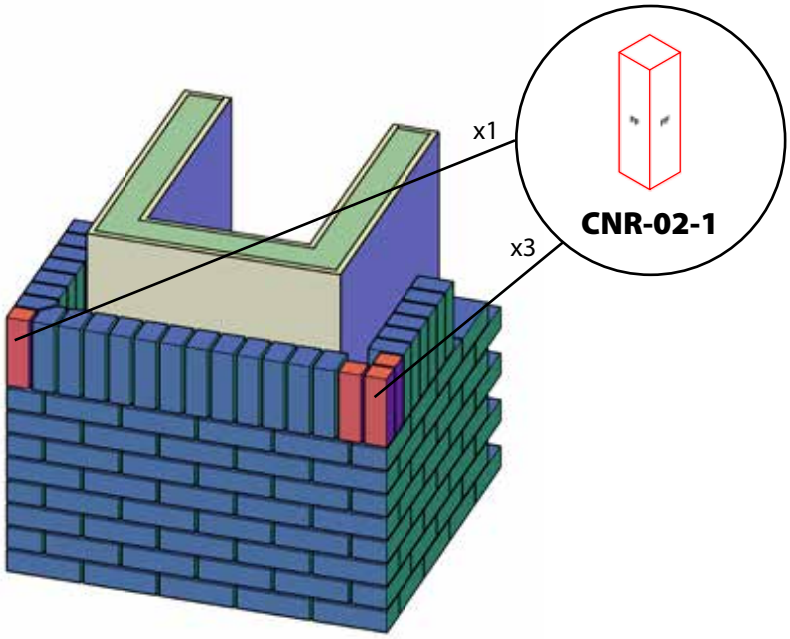


TOP VIEW

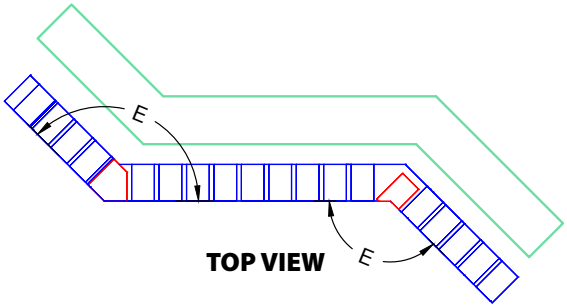


FRONT VIEW

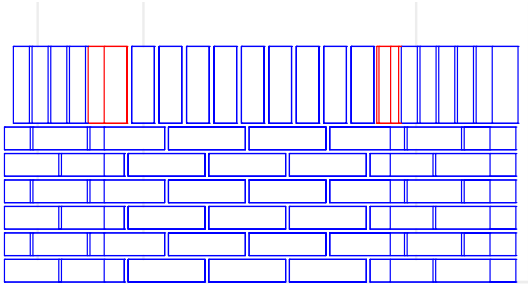
Two corner options shown here. On the left it is one corner shape with two field cut face brick. On the right three corners shapes are used with no field cuts needed.



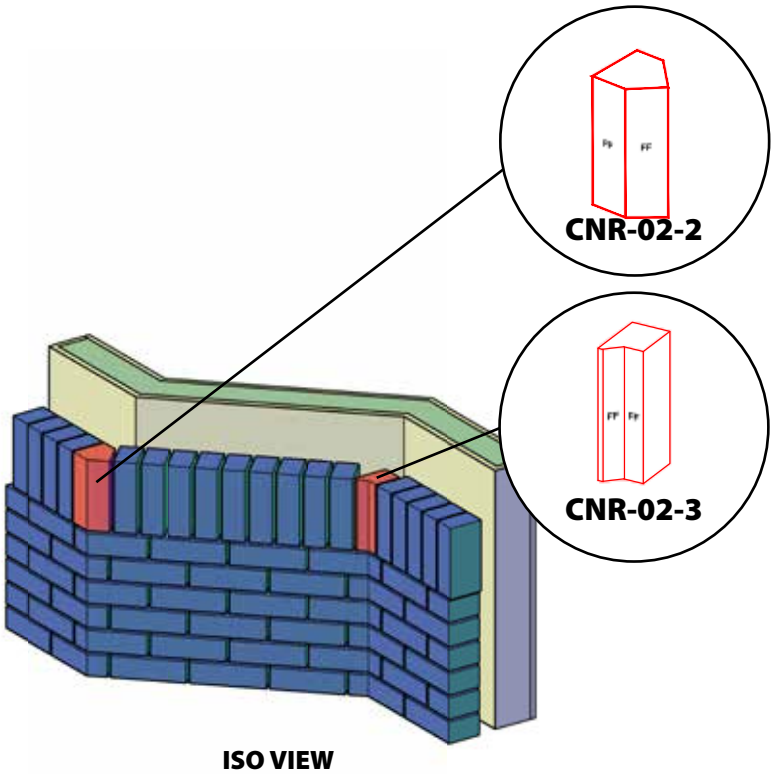
ISO VIEW



TOP VIEW

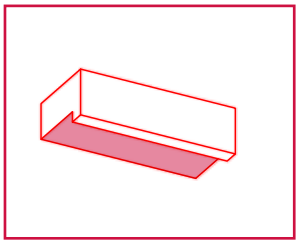


FRONT VIEW

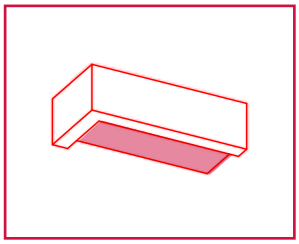


ISO VIEW

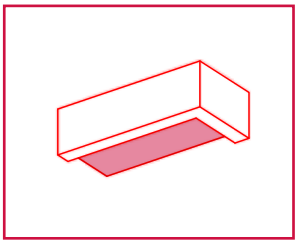
SHELF ANGLES



SHA-01-1 Shelf Angle - Stretcher

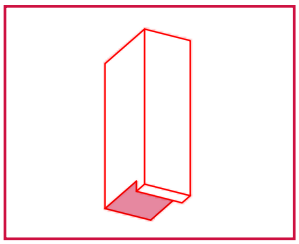


SHA-01-2 Shelf Angle - Stretcher - Corner Left

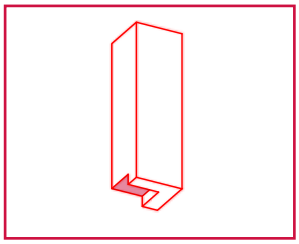


SHA-01-3 Shelf Angle - Stretcher - Corner Right

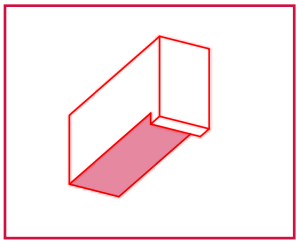
indicates bottom of shape



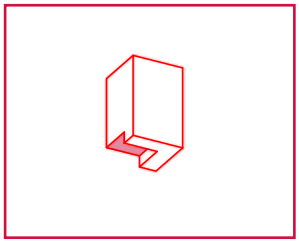
SHA-02-1 Shelf Angle - Soldier



SHA-02-2 Shelf Angle - Soldier - Corner

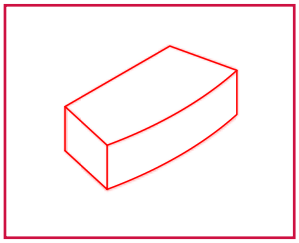


SHA-03-1 Shelf Angle - Rowlock

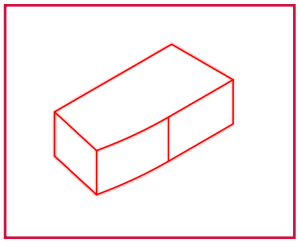


SHA-03-2 Shelf Angle - Rowlock - Corner

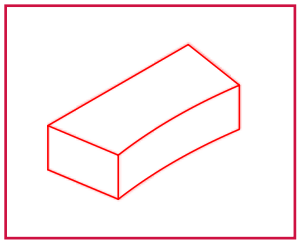
RADIAL BRICK



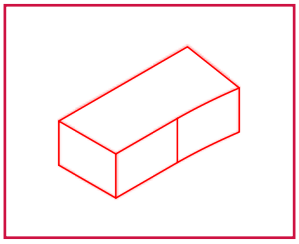
RAD-01-1 Outside Radial Stretcher



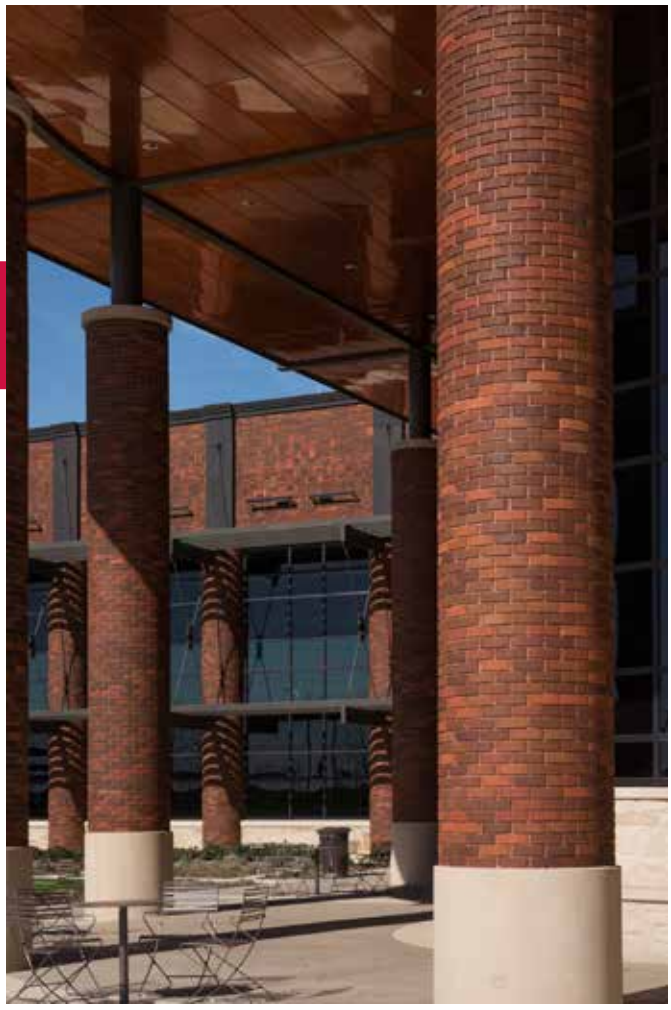
RAD-01-2 Outside Radial Starter



RAD-02-1 Inside Radial Stretcher



RAD-02-2 Inside Radial Starter

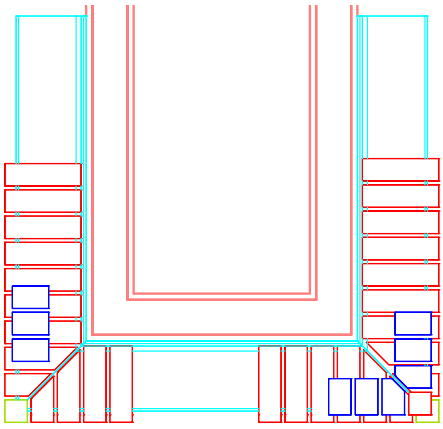


radial brick columns

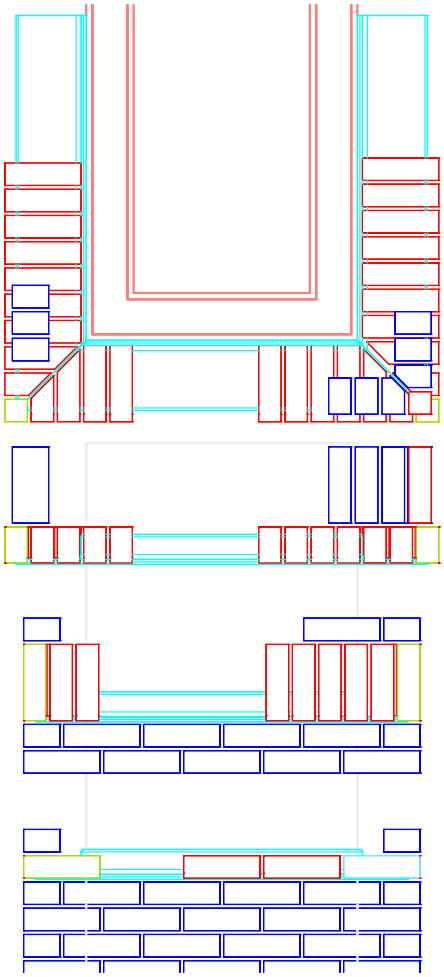
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Shelf Angles

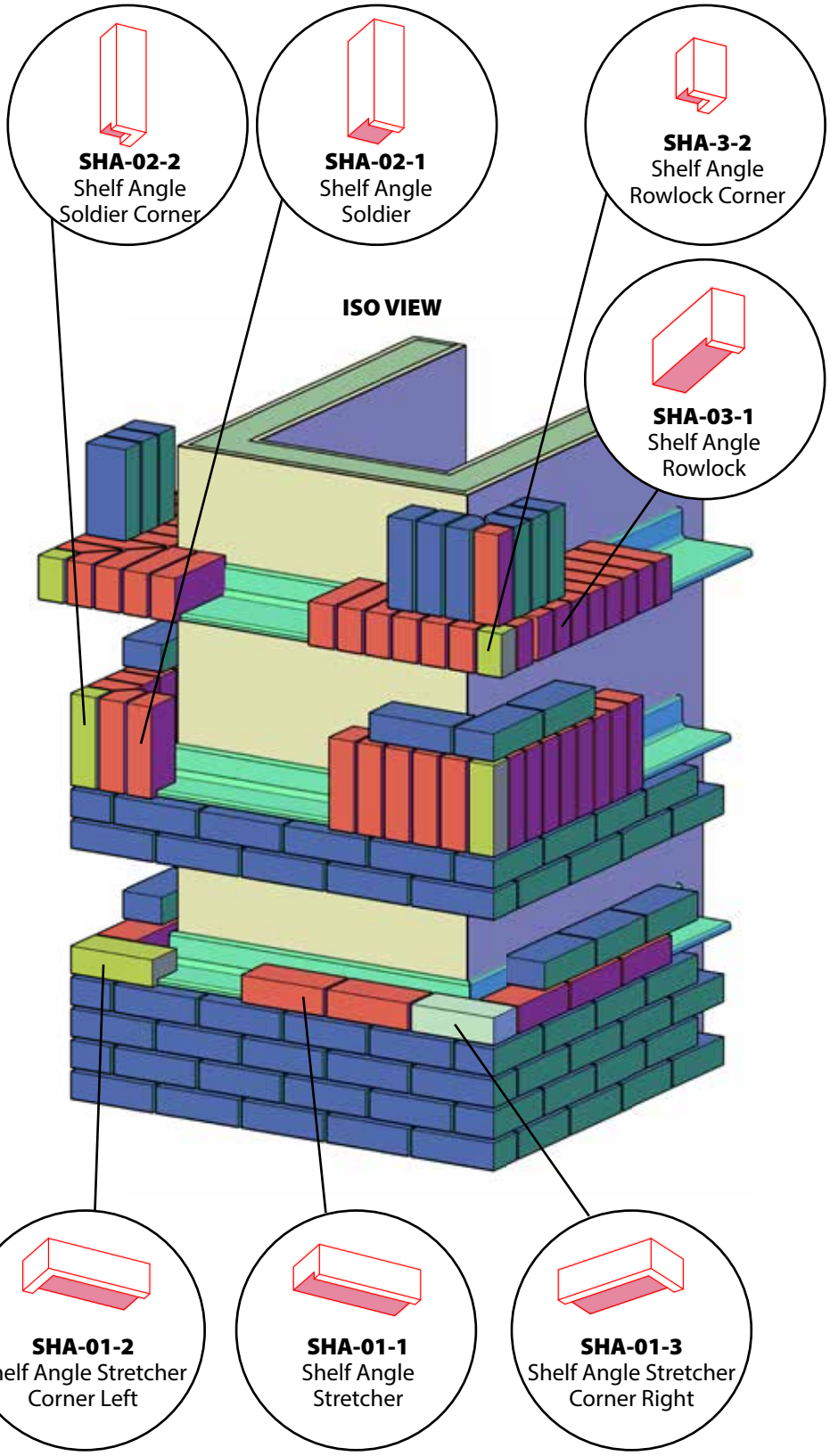
Shelf Angle Diagram



TOP VIEW

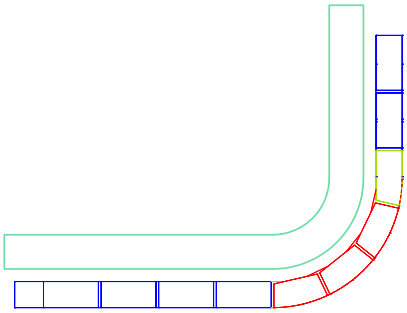


FRONT VIEW

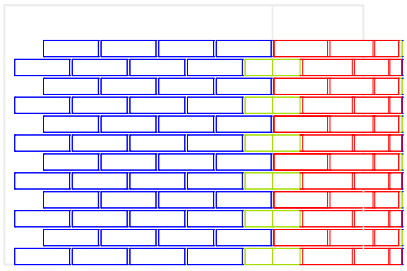


Radial Brick

Radial Outside Brick Diagrams

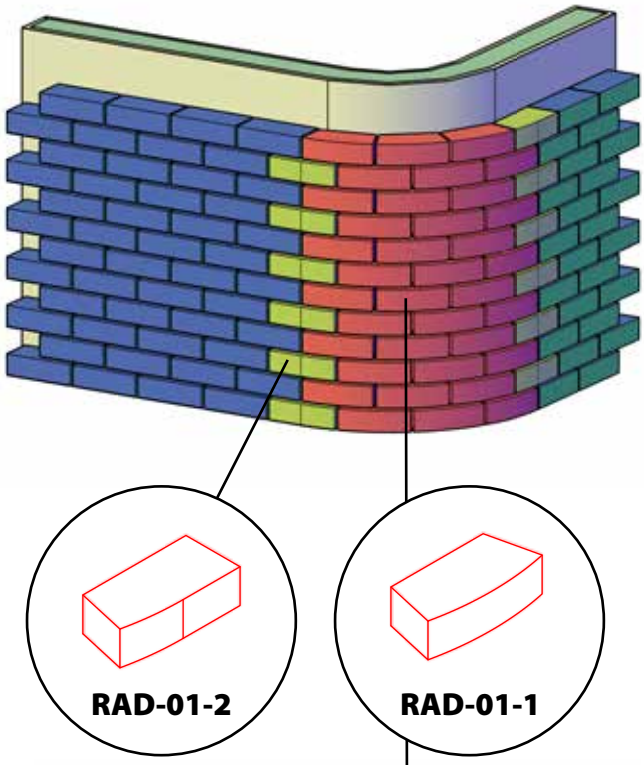


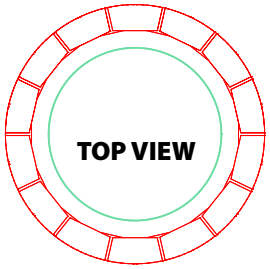
TOP VIEW

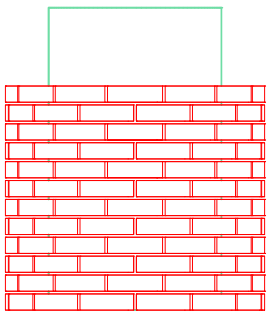


FRONT VIEW

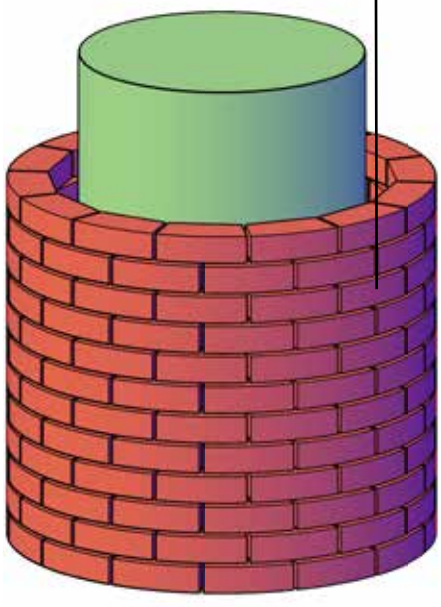
ISO VIEW







FRONT VIEW

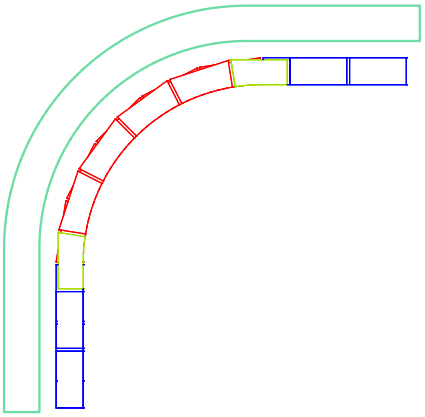


ISO VIEW

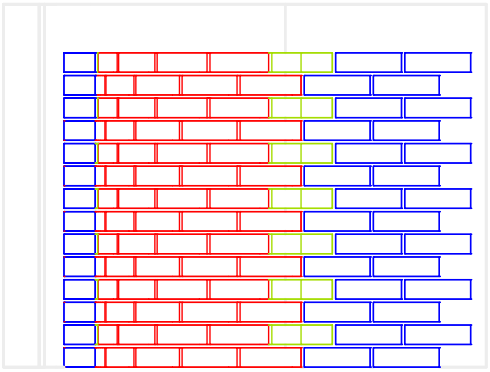
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Radial Brick

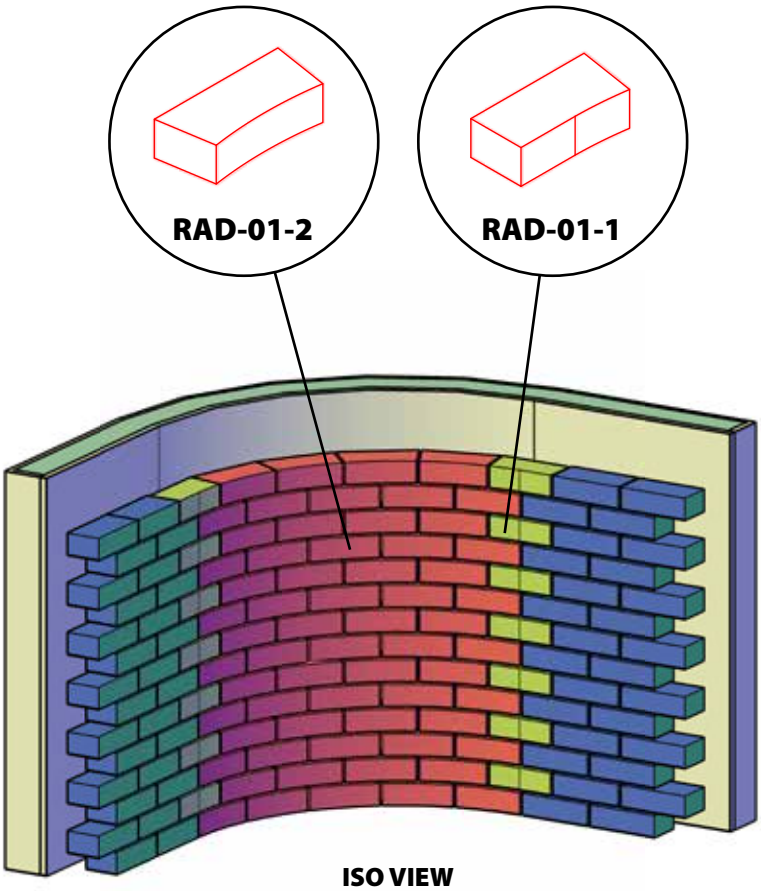
Inside Radial Brick Diagram



TOP VIEW



FRONT VIEW

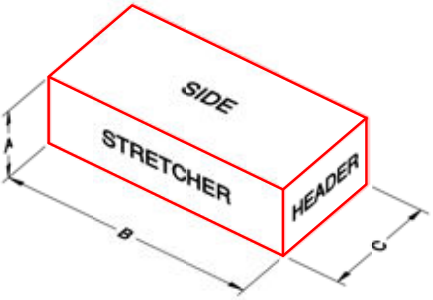


ISO VIEW

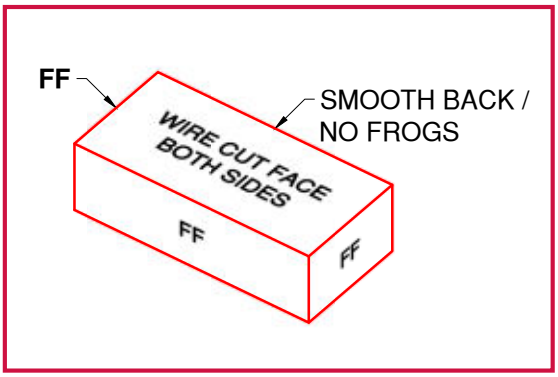
SOLIDS

A solid brick shape can be finished out on any number of sides to suit various placement in a wall. Keep in mind that the finish, texture, and final wall placement of your order will change what kind of solid to order. Pieces are wire cut, which will match a Velour brick texture, but will need to be finished out on more sides for a texture like Bark or Ruff (see page 6 for images).

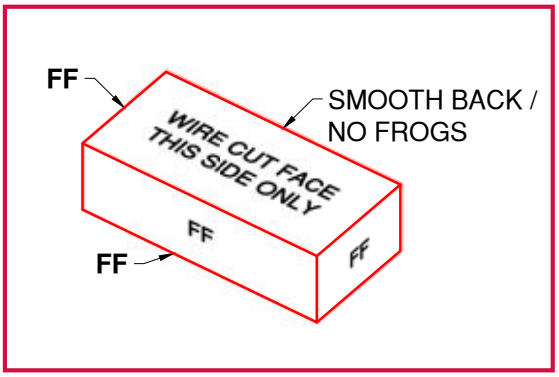
As these require more hand work, a minimum number must be ordered to warrant production. As with all shapes, ability to create them varies between plants, so be sure to ask your Acme Brick representative.



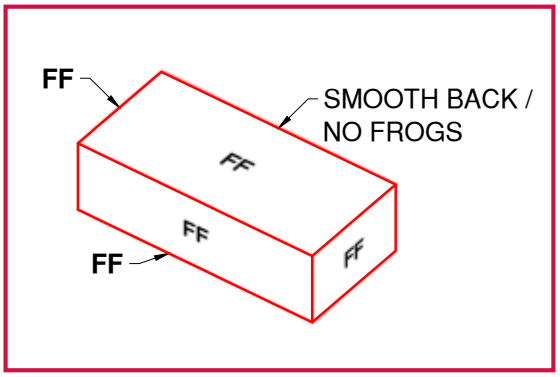
Nomenclature note: SLD-0**X**-1, X is the number of finished faces.



SLD-03-1
Solid Three Faces Finished
Use SLD-03-1 if the texture on the Stretchers and Headers are Velour.



SLD-04-1
Solid Four Faces Finished
Use SLD-04-1 if the texture on the Stretchers and Headers are anything other than Velour.

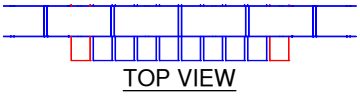


SLD-05-1
Solid Five Faces Finished
Use SLD-05-1 if the texture on the Stretchers and Headers are anything other than Velour.

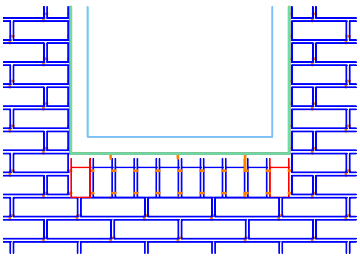
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Three or Four Finished Faces Solid Brick Use Diagrams

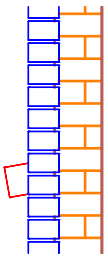
For examples on this page, use **SLD-03-1** if the finished face texture is Velour, as it is similar to the wire cut side. Order **SLD-04-1** if the finished face is anything other than Velour, because one side will need to match the stretchers and headers.



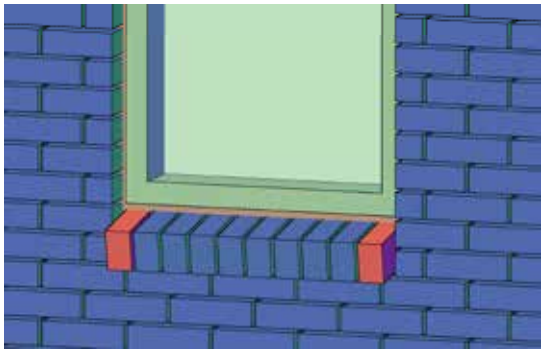
TOP VIEW



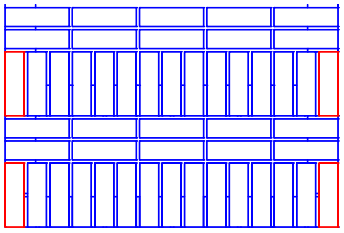
FRONT VIEW



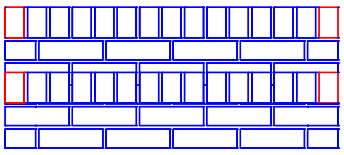
SIDE VIEW



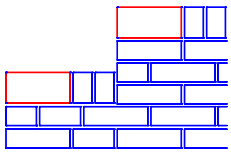
ISO VIEW



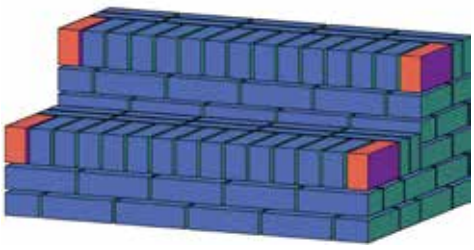
TOP VIEW



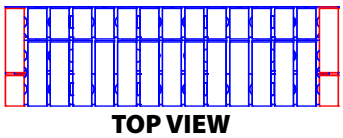
FRONT VIEW



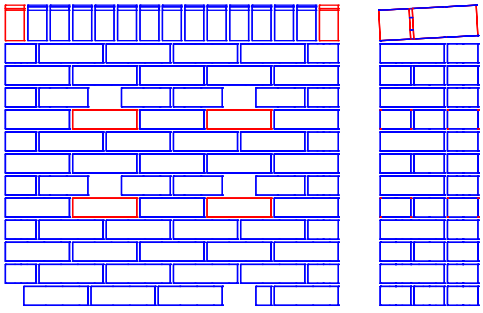
SIDE VIEW



ISO VIEW

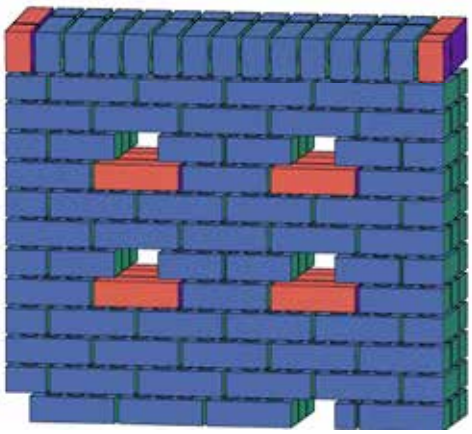


TOP VIEW



FRONT VIEW

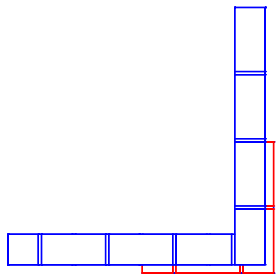
SIDE VIEW



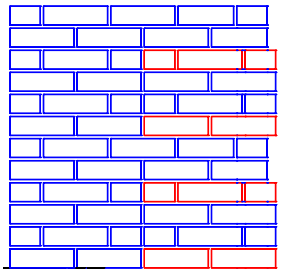
ISO VIEW

Solids

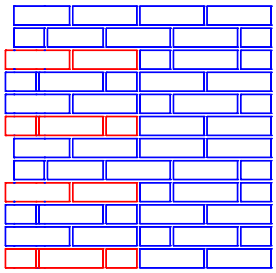
Three or Four Finished Faces Solid Brick Use Diagram



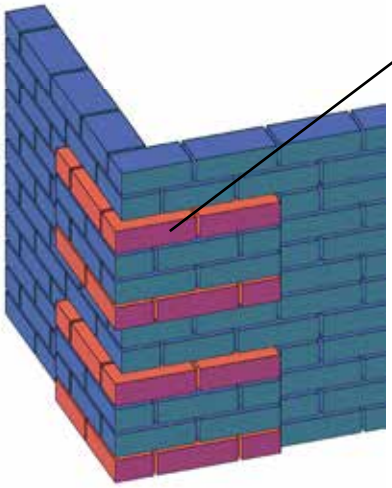
TOP VIEW



FRONT VIEW



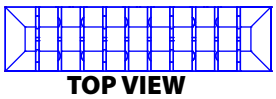
SIDE VIEW



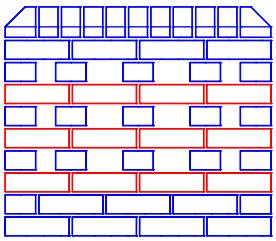
ISO VIEW

Use **SLD-03-1** if finished face texture is Velour. Order **SLD-04-1** if brick is any other texture.

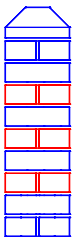
Five Finished Faces Solid Brick Use Diagram



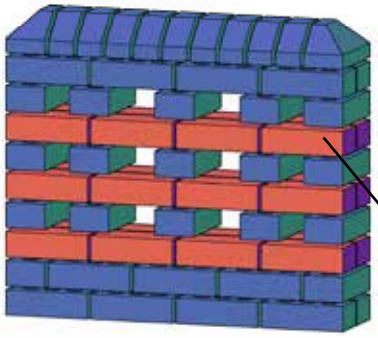
TOP VIEW



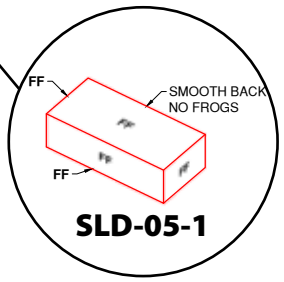
FRONT VIEW



SIDE VIEW



ISO VIEW

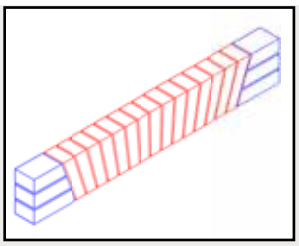
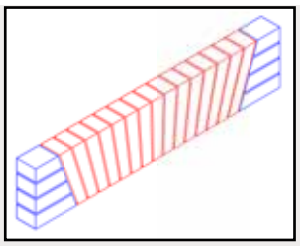
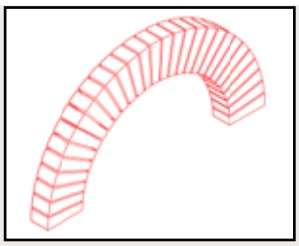
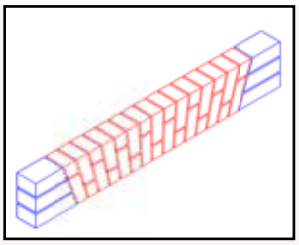
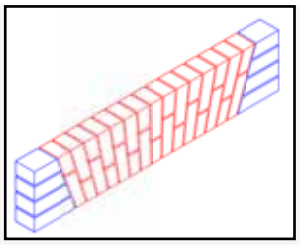
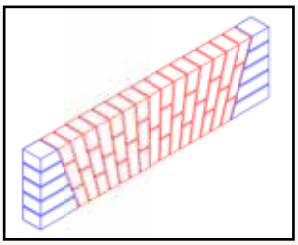
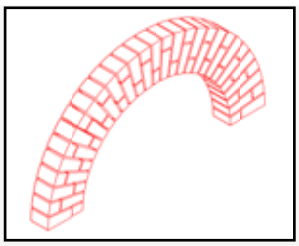
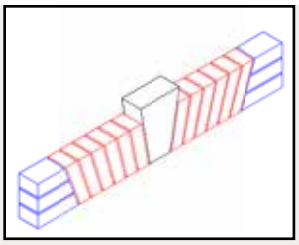
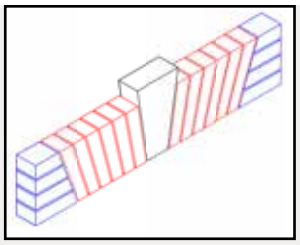
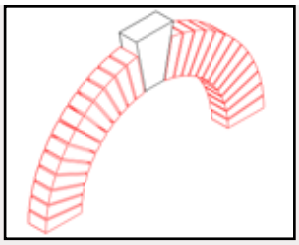
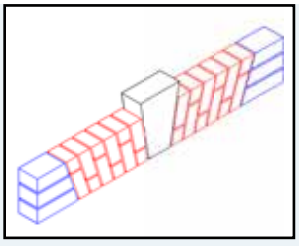
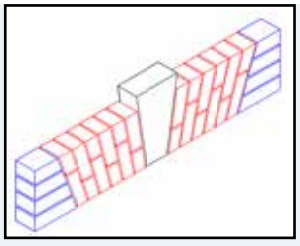
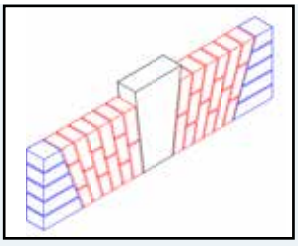
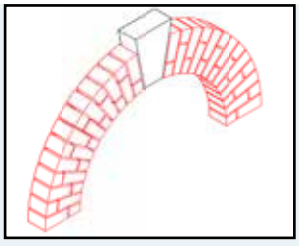


SLD-05-1

lattice wall

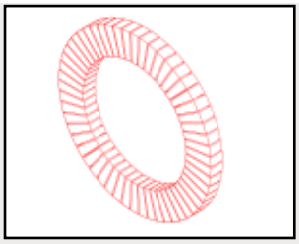
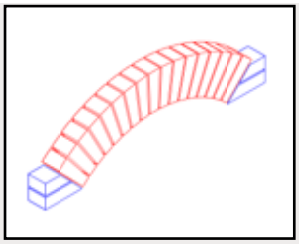
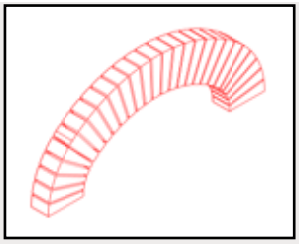
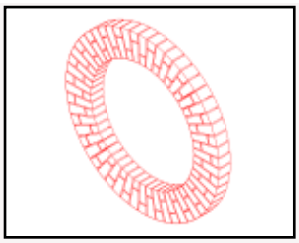
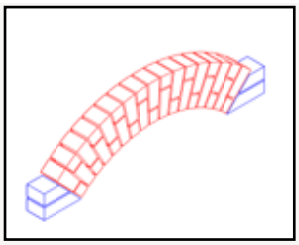
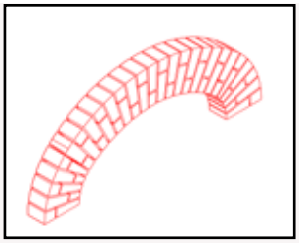
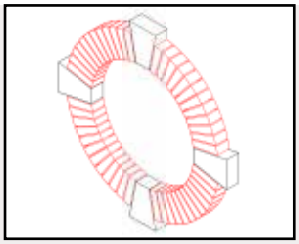
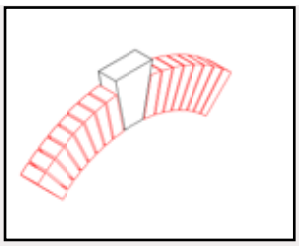
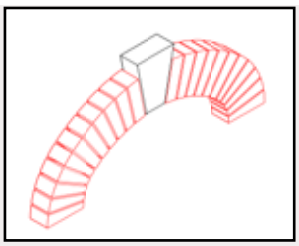
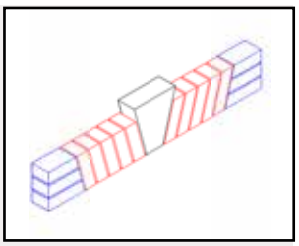
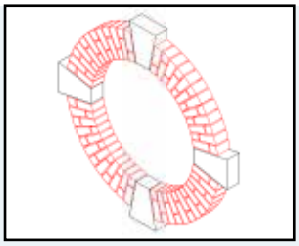
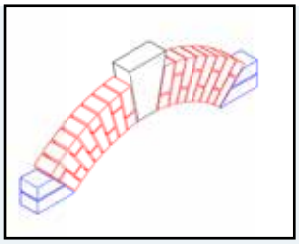
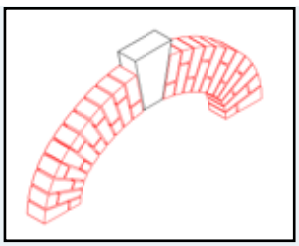
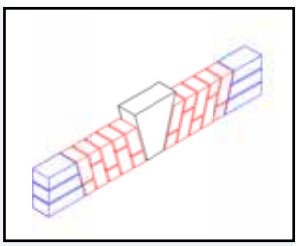
** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

ARCHES

	Jack Arch 3 Course	Jack Arch 4 Course	Jack Arch 5+ Course	Roman
One Piece	 **ARC-01-1** Jack Arch 3 Course One Piece	 **ARC-02-1** Jack Arch 4 Course One Piece	Jack Arches 5 courses and over are not feasible because a single piece over 11 5/8" cannot be produced.	 **ARC-04-1** Roman Arch One Piece
Multi Piece	 **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-04-2** Roman Arch Multi Piece
One Piece w Key	 **ARC-01-3** Jack Arch 3 Course One Piece with Keystone	 **ARC-02-3** Jack Arch 4 Course One Piece with Keystone	Jack Arches with keystones, 5 courses and over are not feasible because a single piece over 11 5/8" cannot be produced.	 **ARC-04-3** Roman Arch One Piece with Keystone
Multi Piece w Key	 **ARC-01-4** Jack Arch 3 Course Multi Piece with Keystone	 **ARC-02-4** Jack Arch 4 Course Multi Piece with Keystone	 **ARC-03-4** Jack Arch 5+ Course Multi Piece with Keystone	 **ARC-04-4** Roman Arch Multi Piece with Keystone

Note: The maximum manufacturing for pieces is 11 5/8" in length, restricting the size of one piece arches.

Note: The maximum manufacturing for pieces is 11 5/8" in length, restricting the size of one piece arches.

Circular	Segmental	Elliptical	Jill Arch
 **ARC-05-1** Circular Arch One Piece	 **ARC-06-1** Segmental Arch One Piece	 **ARC-07-1** Elliptical Arch One Piece	This arch type takes advange of a single shape to create the arch and requires a keystone.
 **ARC-05-2** Circular Arch Multi Piece	 **ARC-06-2** Segmental Arch Multi Piece	 **ARC-07-2** Elliptical Arch Multi Piece	This arch type takes advange of a single shape to create the arch and requires a keystone.
 **ARC-05-3** Circular Arch One Piece with Keystone	 **ARC-06-3** Segmental Arch One Piece with Keystone	 **ARC-07-3** Elliptical Arch One Piece with Keystone	 **ARC-08-3** Jill Arch One Piece with Keystone
 **ARC-05-4** Circular Arch Multi Piece with Keystone	 **ARC-06-4** Segmental Arch Multi Piece with Keystone	 **ARC-07-4** Elliptical Arch Multi Piece with Keystone	 **ARC-08-4** Jill Arch Multi Piece with Keystone

** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

Helpful Arch Information

When requesting an Approval Drawing for an Arch, please provide the information denoted as "ARCH DRAWING NOTATIONS" listed as variables A through K accordingly on each page for that type Arch. All Arches may or may not use all Notations, but they are the same throughout all arches.

The field brick size determines the bed depth of the Arch Pieces and they are typically cored.

All joints to be a consistent 3/8."

ARCH DRAWING NOTATIONS	
A	Arch Type
B	Masonry Opening
C	Height of Arch in inches
D	Number of Pieces
E	Brick Size
F	Key Height
G	Key Top
H	Key Bottom
I	Radius 1
J	Rise
K	Radius 2

"A" - Arch Type - pick the type of arch: Jack Arch, Roman, Circular, Segmental, Elliptical

"B" - Masonry Opening - 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, you will need to specify the desired number of pieces the height of the arch is divided into. This decision is purely aesthetic. See examples below.

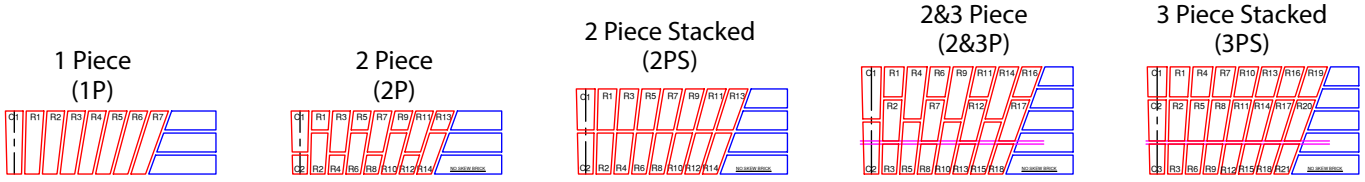
"E" - Brick Size - width of field brick dictate the appropriate size, for Modular and Norman ~2 1/4", Queen and King ~2 5/8", Estate, Closure and Utility ~3 5/8"

"F", "G", "H" - Key Height, Top, or Bottom - keystone dimensions

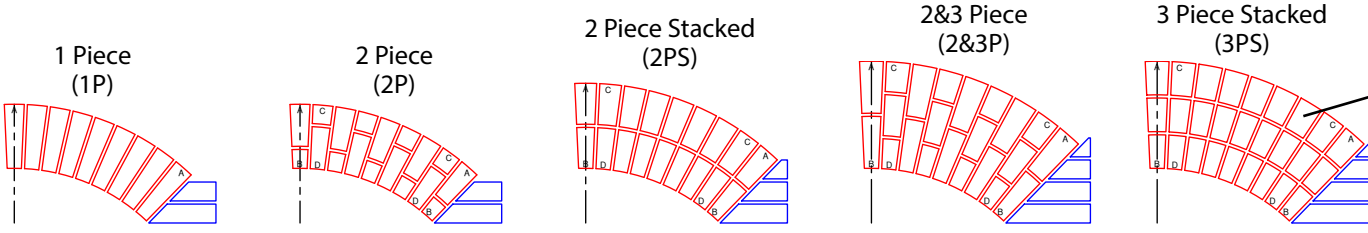
"I" - Radius 1 - radius of the arch

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

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



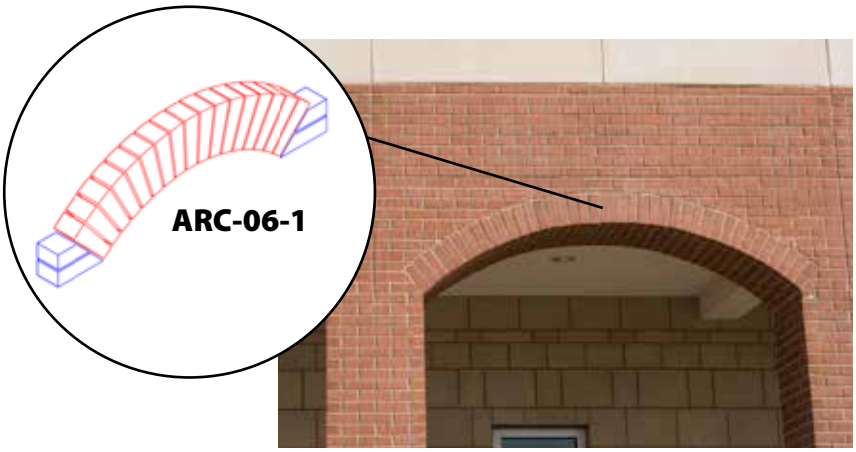
Jack Arch Number of Pieces Examples



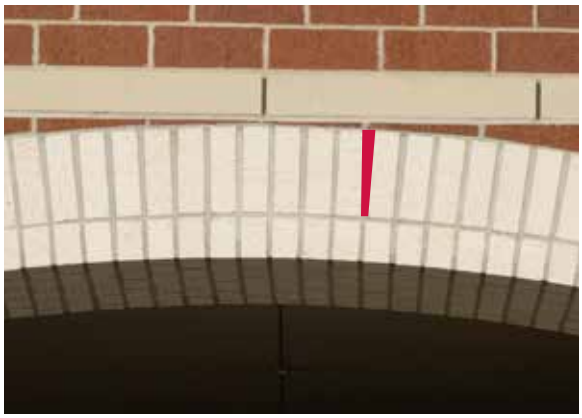
Segmental Arch Number of Pieces Examples

Radial Arch Notes

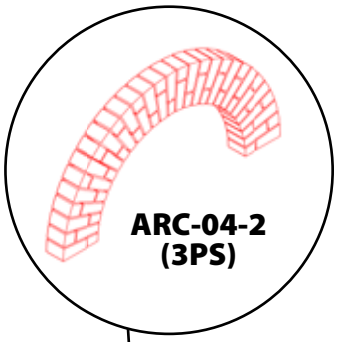
For most Radial Arches (arches with an associated radius) the arch pieces need to be tapered to maintain a consistent width mortar joint. If the pieces are not tapered, then the mortar joint will need to be tapered, which is less desirable. As the masonry opening for radial arches gets larger, a field brick may be the best option, because the taper of the arch piece or the mortar joint is less discernible. Send us your arch details and let us determine what is needed for the best application in these situations.

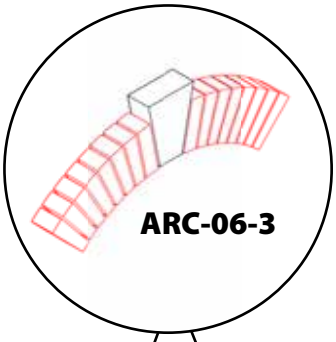


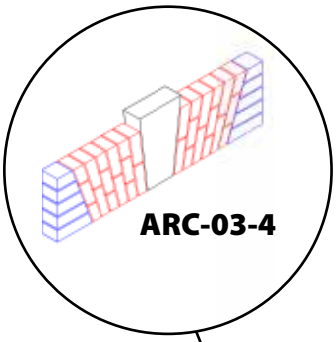
arch pieces with 3/8" mortar joint



arch made with face brick and tapered mortar joints







** Please note: Not all shapes can be made at every location. Check with your sales representative before making selections.

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