



Face Brick

Stivers School for the Arts
Dayton OH
Jeff Wray Architects
Beacon Gray – Double Monarch
Canyon Full Range Velour – Monarch and Modular



Thin Brick



Clay Pavers



Special Shapes

The Standard of Comparison since 1885

www.beldenbrick.com

An ISO 9001 Compliant Quality Management System
An ISO 14001 Compliant Quality Management System

Extruded Brick

Face Brick

Owner - Pedcor Companies / Carmel, IN
Project - Indiana Design Center

COLORS Belden currently makes face brick in over 300 colors that range from frosted whites to pinks to deep reds... burgundies... chocolates... buffs, grays and charcoal tones. Belden Brick color choices offer significant design latitude that is enhanced by intermixed brick and by firing techniques that produce further tonal variety within a given color range.



ALASKA WHITE VELOUR



481-483 VELOUR



POTOMAC CLEAR



LIGHTHOUSE GRAY VELOUR



661 VELOUR



671 SMOOTH



691-693



8520



920-926



BURBANK FULL RANGE



DUTCH GRAY MATTE



SEA GRAY VELOUR



TEXTURES & SIZES Belden Brick is offered in textures that range from the sand mold finish of colonial times to rugged randomly textured styles... vertically grooved styles or silky finishes. Each texture can make its own distinctive contribution to the visual impact you seek. Belden Brick is regularly manufactured in sixteen different sizes. Representative dimensions and related information are provided on pages 10 and 11.



MAYO BLEND FULL RANGE



GRAYSTONE SMOOTH



SILVER SATIN



QUAKER BLEND VELOUR



TUMBLEWEED



461-463 SMOOTH



514



CONCORD BLEND



MARIGOLD BLEND



NEVADA BLEND



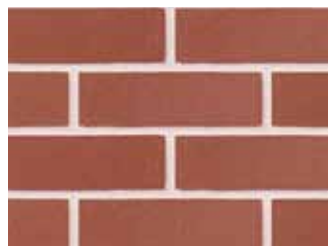
PAGO VELOUR



WHEATFIELD VELOUR



SANDY ROSE



503-505



BISMARCK BLEND



BUCKINGHAM BLEND



GARDEN BLEND



TULIP BLEND

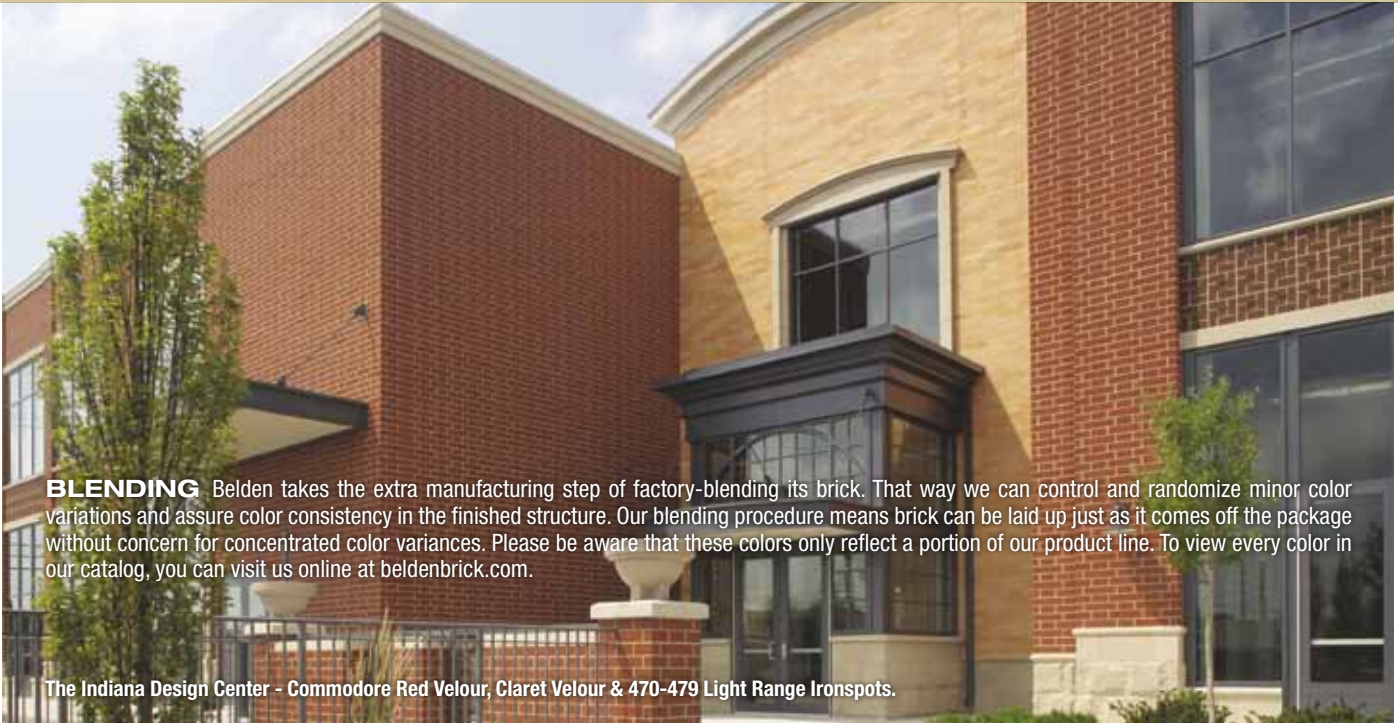


ROYALTY RED



RUM RAISIN

We make brick in a broad range of colors and textures. Space does not permit showing all of them within this catalog. The following pages do offer a sampling of that range. To inspect the many other Belden Brick choices, please visit us online or call us for your nearest Belden Brick distributor. Because of printing limitations and lighting variances, the colors shown below may vary from the actual brick. We recommend requesting sample brick before making selections.



BLENDING Belden takes the extra manufacturing step of factory-blending its brick. That way we can control and randomize minor color variations and assure color consistency in the finished structure. Our blending procedure means brick can be laid up just as it comes off the package without concern for concentrated color variances. Please be aware that these colors only reflect a portion of our product line. To view every color in our catalog, you can visit us online at beldenbrick.com.

The Indiana Design Center - Commodore Red Velour, Claret Velour & 470-479 Light Range Ironspots.



TUDOR BLEND



470-479 LIGHT RANGE



470-479 MEDIUM RANGE



470-479 DARK RANGE



8621



BEAVER BLEND DART-TEX



BRANDYWINE VELOUR



MIDLAND BLEND



NAPIER BLEND



EBONY BLACK



ASHBERRY VELOUR



BLACK DIAMOND VELOUR

Molded Brick



POLAR WHITE CLEAR



ALAMO BLEND



MANCHESTER BLEND



ST. ANNE BLEND



ST. ANNE CLEAR



KINGSPORT



ROSEWOOD CLEAR



ROSEWOOD BLEND



GARNET BLEND



BELCREST 310



BELCREST 360



BELCREST 500



BELCREST 560



BELCREST 650



BELCREST 760



Big Brick

Louis Stokes VA Medical Center - Cares Tower,
Architect: Westlake Reed Leskosky
Cleveland, OH Nashville, TN
Product Size: Ambassador
Product Colors: Ashberry Velour



Ambassador
3-5/8" x 2-1/4" x 15-5/8"



Utility
3-5/8" x 3-5/8" x 11-5/8"



Double Utility
3-5/8" x 7-5/8" x 11-5/8"



Monarch
3-5/8" x 3-5/8" x 15-5/8"



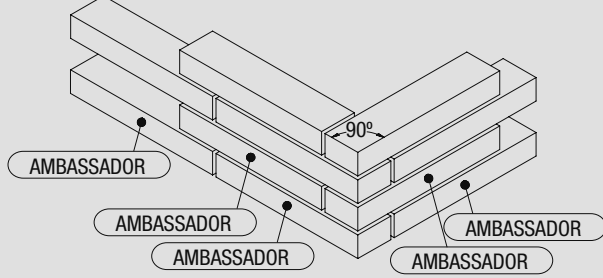
Double Monarch
3-5/8" x 7-5/8" x 15-5/8"



AMBASSADOR

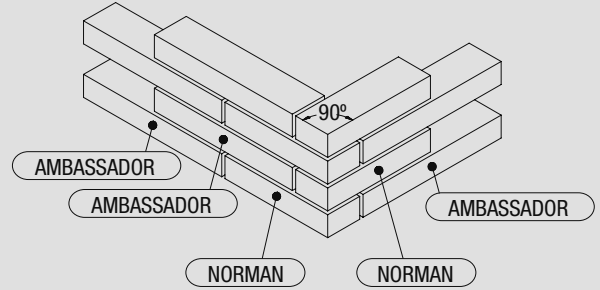
ONE-QUARTER BOND

ISOMETRIC VIEW



ONE-HALF BOND

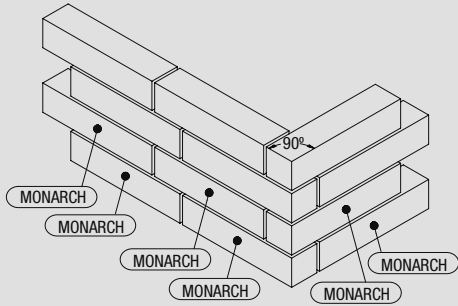
ISOMETRIC VIEW



MONARCH

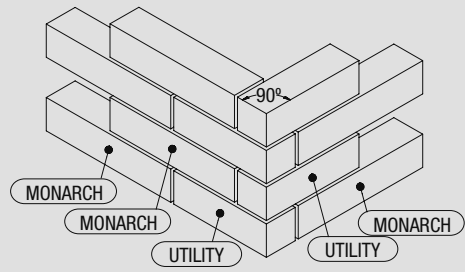
ONE-QUARTER BOND

ISOMETRIC VIEW



ONE-HALF BOND

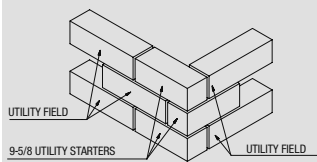
ISOMETRIC VIEW



UTILITY

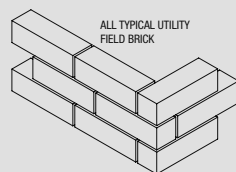
HALF BOND

ISOMETRIC VIEW



ONE-THIRD BOND

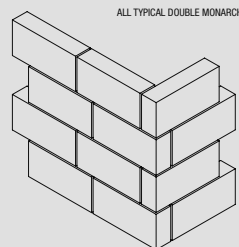
ISOMETRIC VIEW



DOUBLE MONARCH

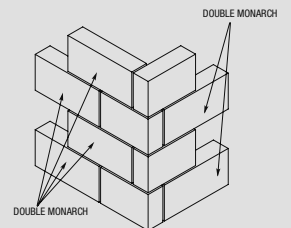
ONE-QUARTER BOND

ISOMETRIC VIEW



ONE-HALF BOND

ISOMETRIC VIEW



City Line Pavers

CITY LINE PAVERS are available with several options. You have your choice of square edges, chamfered edges and spacer lugs in this product series. Two different size options are also available. Standard size 2-1/4" thick x 4" width x 8" length or Jumbo size 2-3/4" thick x 4" width x 8" length and available in 8" x 8".



ADMIRAL FULL RANGE



ADMIRAL RED



CHESTNUT HILL FULL RANGE



CLARET FULL RANGE



CLARET



KODIAK BROWN



LIGHTHOUSE GRAY



LANDMARK GRAY



NUTMEG FULL RANGE



REGIMENTAL FULL RANGE



BLACK DIAMOND



SIENNA BLEND



REGIMENTAL RED



TUMBLEWEED



WHEATFIELD



ASHBERRY



CHAMFERED
W/LUGS



CHAMFERED EDGE



STRAIGHT EDGE



ADA PAVER



SANDMOLD PAVER



Also Available in 8" x 8" PAVERS

Permeable Pavers

Available in 4" x 8"



REGIMENTAL FULL RANGE RED (BASKET)

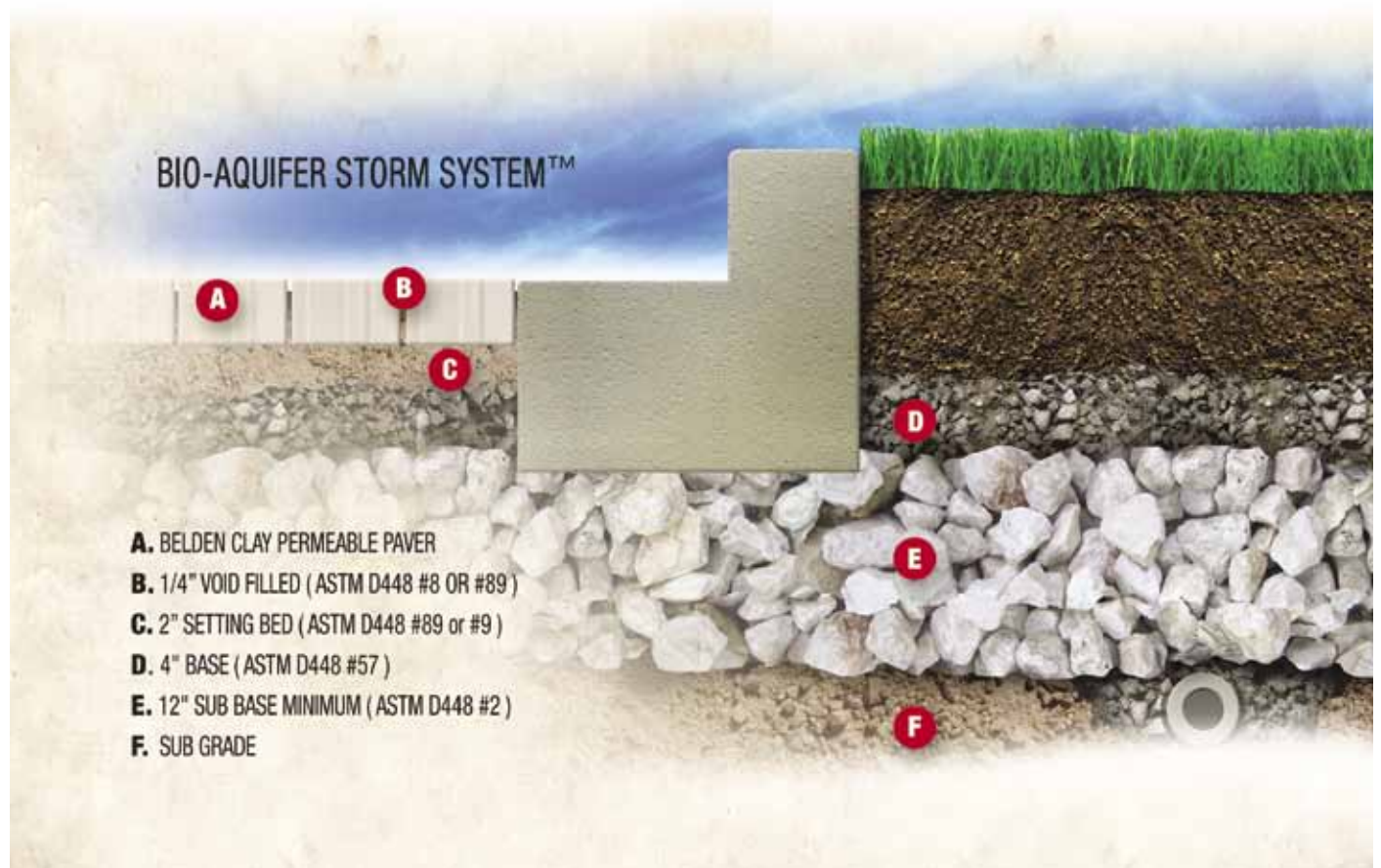


REGIMENTAL RED (HERRINGBONE)



WHEATFIELD (RUNNING)

Belden Permeable Pavers are available in the same colors as City Line with the exception of Ashberry and Black Diamond



Belcrest/Beehive Pavers

BELCREST are available in Modular size, 2-1/4" thick x 3-5/8" width x 7-5/8" length.

BELCREST PAVERS



BELCREST 100



BELCREST 350



BELCREST 500



BELCREST 560



BELCREST 730



BELCREST 760

BEEHIVE PAVERS



PAWNEE PAVER



PAWNEE RED



MADRID * (2 1/4 x 4 x 8 only)



EBONY



470-479 DARK

BEEHIVE Pavers are available in 3 sizes: 2 1/4" thickness x 4" width x 8" length 2 1/4 x 4 x 12 and 2 1/4 x 8 x 8.



Private residence - Belcrest 560 Pavers

Crestline Pavers



Jumbo Alamo Blend & Outerbanks Pavers



CRANBERRY



CRABAPPLE



REMBRANDT

CRESTLINE SERIES PAVERS

meet ASTM C902 and are available
with our

**DUTCH CHAMFERED
EDGE** only.



SANDHILLS



OUTERBANKS



SALMON RUN

Available in two sizes:
2-1/4" x 4" x 8"
or 2-3/4" x 4" x 8"



CORAL REEF



GEORGIAN



VICTORIAN

Shapes

THROUGH THE YEARS, Belden Brick has developed hundreds of customized shapes to meet specific design requirements. We stand ready to work with you in developing whatever additional special shapes you need for your particular design requirements. **CUSTOM SHAPES** If the special shape you need is not one we've previously made, be assured that our customizing department will be happy to work with you in developing it for you. For details, visit beldenbrick.com or call us at 330-456-0031. **BRICK SCULPTURE** Three-dimensional murals or decorative sculptured accent panels using brick can make particularly dramatic and enduring statements. Call on our experience with brick sculpture as part of your planning.



90° SOLDIER CORNER (SQUARE)



135° EXTERNAL SOLDIER CORNER



90° ROWLOCK CORNER



2 COURSE WATERTABLE ROWLOCK



BULLNOSE ROWLOCK MODULAR



ACCENT SOLDIER, INTERNAL/EXTERNAL CORNER



WATERTABLE ROWLOCK



BULLNOSE STEP TREAD CORNER



BULLNOSE STRETCHER



135° EXTERNAL WATERTABLE CORNER



135° INTERNAL CORNER UTILITY



BULLNOSE STEP TREAD



12" COPING CAP



135° EXTERNAL CORNER W/ FALSE JOINT



BULLNOSE STEP TREAD



1" RADIUS BULLNOSE ROWLOCK



COVE ROWLOCK



DOUBLE RADIUS STRETCHER



FULL BULLNOSE STRETCHER



WATERTABLE ROWLOCK & INTERNAL CORNER



Zionsville West Middle School - Kingsport Hotzone Utility & 8531 Velour (Special Shape).



HINGE BRICK



NOTCHED STRETCHER



RABBETTED LIP
STRETCHER CORNER



WATERTABLE ROWLOCK
(UTILITY)



UTILITY LIP STRETCHER



SLOPED SILL QUAD



SLOPED SOLDIER



WATERTABLE STRETCHER



WALLCAP END CLOSURE



WATERTABLE EXTERNAL & INTERNAL CORNERS



WATERTABLE HEADER



WATERTABLE ROWLOCK EXTERNAL CORNER

Thin Brick

Thin Brick meet ASTM C1088 standard specification for Thin Veneer Brick Units made from clay or shale. In this specification, the term thin veneer brick shall be understood to mean clay masonry unit with a maximum thickness of 1-3/4".



Grade Exterior

Belden Brick manufactures thin brick to meet Grade Exterior with a weathering index of SW.

Types

Type TBS (Standard) – Thin veneer brick for general use in masonry.

Type TBX (Select) – Thin veneer brick for use in general masonry where a higher degree of precision and lower permissible variation in size than permitted for Type TBS is required.

Type TBA (Architectural) – Thin veneer brick for general use in masonry selected to produce characteristic architectural effects resulting from nonuniformity in size and texture of the individual units.

Thin Brick Products

Extruded Brick Units

- Manufactured to meet Type TBX. Available in 5/8" to 3/4" Flat Back Units and 3/4" only for Dovetail units. Dovetail units have 5/8" shell thickness plus 1/8" dovetail = 3/4" overall thickness.
- Capabilities to manufacture units up to 4" in height and 12" in length. Includes sizes ranging from Modular (2-1/4" x 7-5/8") to Utility (3-5/8" x 11-5/8").

Molded Brick Units

- Manufactured to meet Type TBA and available in 3/4" Flat Back Units only.
- Plant 3 – Antique Colonials
 - Modular (2-1/4" x 7-5/8")
 - Jumbo Standard (2-5/8" x 8")
- Plant 8 – Belcrest
 - Modular (2-1/4" x 7-5/8")
- Thickness – 3/4"

Precast Requirements

- Waxing of Unit Faces available for Stretchers and Corners.
- Grinding of Units also available for length and height.
- Dimensional tolerances of plus 0 / Minus 1/16".

GUIDE TO BRICK DIMENSIONS DATA

WALL COST PER SQUARE FOOT ESTIMATING TABLE

BRICK UNIT	APPROXIMATE WEIGHT	SIZE & INCHES (BD x H x L)	FACE M.B.E	UNITS PER SQ. FT. WALL (inc. 3/8" Joint)	SIZE (MM)	ESTIMATED COST OF BRICK UNITS PER SQUARE FOOT	ESTIMATED COST OF LABOR & OTHER MATERIAL PER SQUARE FOOT	TOTAL ESTIMATED COST PER SQUARE FOOT
MODULAR	4.3#	3-5/8" x 2-1/4" x 7-5/8"	1.00	6.86	92 x 57 x 194			
STANDARD	4.5#	3-5/8" x 2-1/4" x 8"	1.05	6.55	92 x 57 x 203			
JUMBO MODULAR	5.1#	3-5/8" x 2-3/4" x 7-5/8"	1.22	5.76	92 x 70 x 194			
QUEEN	5.6#	3-1/8" x 2-3/4" x 9-5/8"	1.54	4.61	79 x 70 x 244			
NORMAN	6.3#	3-5/8" x 2-1/4" x 11-5/8"	1.52	4.57	92 x 57 x 295			
SLIM JUMBO NORMAN	7.2#	3-1/8" x 2-3/4" x 11-5/8"	1.86	3.84	79 x 70 x 295			
JUMBO NORMAN	7.8#	3-5/8" x 2-3/4" x 11-5/8"	1.86	3.84	92 x 70 x 295			
ECONOMO MODULAR	6.6#	3-5/8" x 3-5/8" x 7-5/8"	1.61	4.50	92 x 92 x 194			
UTILITY	10.5#	3-5/8" x 3-5/8" x 11-5/8"	2.46	3.00	92 x 92 x 295			
QUAD	13.5#	3-5/8" x 7-5/8" x 7-5/8"	3.39	2.25	92 x 194 x 194			
THRUWALL 5-5/8"	13.5#	5-5/8" x 3-5/8" x 11-5/8"	2.46	3.00	143 x 92 x 295			
THRUWALL 7-5/8"	20.0#	7-5/8" x 3-5/8" x 11-5/8"	2.46	3.00	194 x 92 x 295			
MONARCH	13.5#	3-5/8" x 3-5/8" x 15-5/8"	3.30	2.25	92 x 92 x 397			
MODULAR (MOLDED)	4.9#	3-5/8" x 2-1/4" x 7-5/8"	1	6.86	92 x 57 x 194			
JUMBO (MOLDED)	5.9#	3-5/8" x 2-5/8" x 8"	1.28	5.50	92 x 67 x 203			
AMBASSADOR	8.4#	3-5/8" x 2-1/4" x 15-5/8"	2.05	3.43	92 x 57 x 397			
DOUBLE UTILITY	21.0#	3-5/8" x 7-5/8" x 11-5/8"	5.17	1.50	92 x 194 x 295			
DOUBLE MONARCH	29.0#	3-5/8" x 7-5/8" x 15-5/8"	6.94	1.13	92 x 194 x 397			
ROMAN	4.7#	3-5/8" x 1-5/8" x 11-5/8"	1.10	6.00	92 x 41 x 295			

TECHNICAL SUPPORT AND CONSULTATION

Our staff is available at all times to answer technical questions or consult with you on any aspect of your interest in brick. Call any one of our authorized distributors or call Jim Tann at our main office: (330) 456-0031.

GUIDE TO SPECIFYING DIVISION 4 SECTION 04210

PART II PRODUCTS

2.01 BRICK

A. Facing Brick: All brick specified and shown on drawing shall be (product name) _____ as manufactured by The Belden Brick Company, Canton, Ohio.

1. ASTM C-216 _____, Grade SW, Type _____
2. Dimensions _____ X _____ X _____
3. Provide brick similar in texture, color and all physical properties to those available for inspection at the Architect/Engineer's office and/or as supplied on the approved sample panel.
4. Other Requirements (Optional)
 - a. Shapes: All special shapes are to be used per architectural detail(s) # _____ as supplied to The Belden Brick Company.
 - b.1 Minimum compressive strength _____ psi (if greater than 3,000 psi)
 - c.2 Maximum IRA _____ g/min/30 sq.in.

B. Mortar: Conventional mortar shall conform with ASTM C-270 under the guidelines provided in BIA Technical Notes, Series 8.

PART III EXECUTION

- A. Bonding: Lay masonry in _____ bond pattern as indicated. Reference BIA Technical Note #30 for further recommendations.
- B. Tooling: Tooling shall conform to the guidelines provided in BIA Technical Notes #7B.
- C. Cleaning: Cleaning shall be as per guidelines in BIA Technical Note #20.

All cleaning practices and product use shall also be in accordance with cleaning agent manufacturers printed instructions.

NOTES TO SPECIFIER:

ASTM DESIGNATION C-216 (with the last number being the year of the last update). All A grade Belden Brick complies with ASTM C-216, grade SW (severe weathering).

- A Type FBS – Brick for general use in masonry.*
- B Type FBX – Brick for general use in masonry where a higher degree of precision and lower permissible variation in size than permitted for type FBS is required.*
- C Type FBA – Brick for general use in masonry selected to produce characteristic architectural effects resulting from non-uniformity in size and texture of the individual units.*

When the type is not specified the requirements for the type FBS shall govern.

The above is per ASTM Designation C-216 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale).

A SAMPLING OF BELDEN BRICK AT WORK

UNIVERSITY / SCHOOL

- Alice H. Cook House**
Cornell University
Ithaca, NY
- Kieran Timberlake Associates, LLP**
- David Letterman**
Communication & Media Bldg.
Muncie, IN
MSKTD & Associates, Inc.
- Earth Sciences Building & Museum of Natural History**
Amherst, MA
Payette
- Grand Valley State University**
DeVos Center
Grand Rapids, MI
Design Plus Inc.
- Stayer Center for Executive Education at the University of Notre Dame**
South Bend, IN
The S/L/A/M Collaborative
- Leazar Hall**
NC State University
Raleigh, NC
Cannon Architects
- Taconic Hills School**
Hillsdale, NY
Rhinebeck Architectural & Planning
- The Ohio State University Fisher School of Business**
Columbus, OH
Karlsberger Co.
- University of Cincinnati**
- Mary Emory Hall**
Cincinnati, OH
I. M. Pei
- University of Pittsburgh Convocation Center**
Oakland, PA
Apostolou & Associates

- Grand Valley State University**
DeVos Center
Grand Rapids, MI
Design Plus Inc.

- Stayer Center for Executive Education at the University of Notre Dame**
South Bend, IN
The S/L/A/M Collaborative

- Leazar Hall**
NC State University
Raleigh, NC
Cannon Architects

- Taconic Hills School**
Hillsdale, NY
Rhinebeck Architectural & Planning

- The Ohio State University Fisher School of Business**
Columbus, OH
Karlsberger Co.

- University of Cincinnati**

- Mary Emory Hall**
Cincinnati, OH
I. M. Pei

- University of Pittsburgh Convocation Center**
Oakland, PA
Apostolou & Associates

CHURCHES

- First Friends Church**
North Canton, OH
Harris-Day Architects Inc

- Holy Angels Church**
Chagrin Falls, OH
Zarzycki – Malik Architects

SHOPS / COMMERCIAL

- Crocker Park**
Westlake, OH
Bialosky + Partners Architects

- Mayfaire Town Center**
Wilmington, NC
Cooper Carry, Inc.

- Whole Foods Market**
Washington, DC
Mushinsky Voelzke Associates

HEALTHCARE

- Clarion North Medical Center**
Carmel, IN
HKS, Inc.

- Good Samaritan North Hospital**
Englewood, OH
Earl Swensson Associates

- The Eye Center**
Columbus, OH
Gil Sass-AMB Development Group

- Womack Replacement Hospital**
Fort Bragg –Fayetteville, N.C.
The Smith Group, Inc.

- Midwest Express Center**
Milwaukee, WI
Thompson, Ventulett, Stainbach & Associates

STADIUMS / ARENAS

- Boston College Sports Complex**
Chestnut Hill, MA
Sasaki Associates, Inc.

- Busch Stadium**
St. Louis, MO
HOK Architects

- Miller Park**
Milwaukee, WI
HKS, Inc. / NBBJ / Eppstein Uhen Architects

- American Airlines Center**
Dallas, TX
David M. Schwarz Architectural Services

OFFICE / CORPORATION

- AT&T Offices**
Monmouth County, NJ
CUHZA

- Central Mutual Insurance Co.**
Van Wert, OH
Flad & Associates

- Harry London's Candies**
Canton, OH
Lawrence, Dykes, Goodenberger, Vandegrift & Clancy

- The Millennium Building**
Canton, OH
Wilson Architectural Group

HIGH RISE

- River House**
New York, NY
Polshek Partnership
Ismael Leyva Architects

- Seaport Hotel**
World Trade Center
Boston, MA
The Stubbins Associates, Inc.