

SUBMITTAL TRANSMITTAL 004Date.: 01-26-2024**KNS BUILDING RESTORATION**
A Future Made From History**Shivani Seecharan**
6981 75th Street
Middle Village NY 11379
Phone: 718-366-0075
Fax: 718-956-7998**Project Address:****Façade Repairs
534 West 42nd Street
New York, New York 10036****Title:****Hohmann & Barnard Products****Notes:****Brick replacement
A-600 Detail 1****TO:****Rodriguez + Gambino Architectural****Building Envelope Consultants, D.P.C.****1298 Richmond Road****Staten Island, New York, 10304****SUBMITTAL TYPE:**

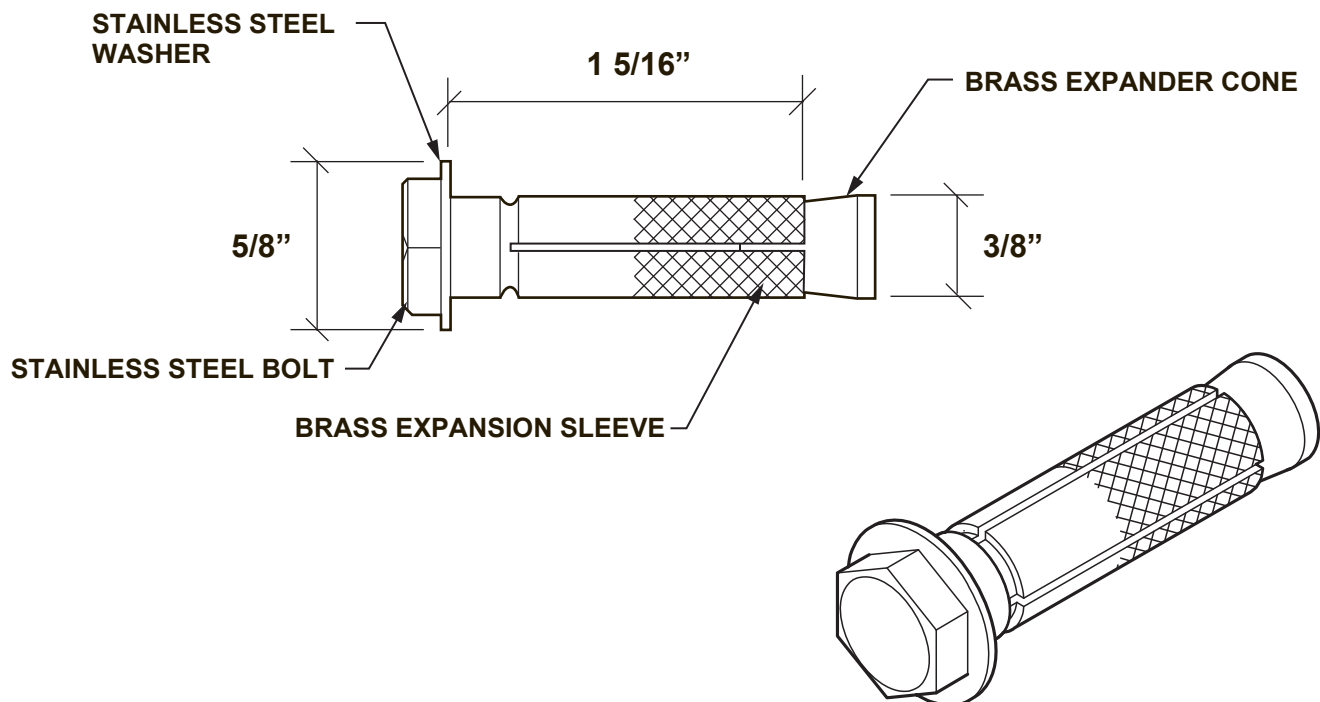
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|--|--|
| ☐ Re-Submittal | ☐ Information (Waiver) |
| ☒ Product Data | ☐ Shop Drawings |
| ☐ Test Reports | ☐ MSDS |
| ☐ Design Data | ☐ Samples |
| | ☐ Quality Control/Assurance |
| | ☐ Contract Closeout |
| | ☐ Other |

**Please see attached submittal for review.
and approval**Specification Number &
Tile**04 05 19- Anchors and Fastening System****Hohmann & Barnard Products**

Item	Manufacture	Description
Product Data	Hohmann & Barnard	523 Brass Expansion Bolt
Product Data	Hohmann & Barnard	345-SV Veneer Anchor
Product Data	Hohmann & Barnard	Continuous Wire

RODRIGUEZ + GAMBINO BUILDING ENVELOPE CONSULTANTS	
Project Name: <u>Facade Repairs</u>	Project Number: <u>RG23-1013</u>
Architects/Engineers Action on this submittal:	
☒ NO EXCEPTIONS TAKEN	☐ IMPLEMENT EXCEPTIONS TAKEN
☐ REVISE AND RESUBMIT	☐ REJECTED
Review is limited to checking for conformance with the information given and the design concept expressed in the contract documents. The Contractor remains totally responsible for all dimensions, quantities, construction methods and means, techniques, sequences in the work, and procedures.	
Signed: <u>Edwin Rivera</u>	Date: <u>4/18/24</u>

523 Brass Expansion Bolt



DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

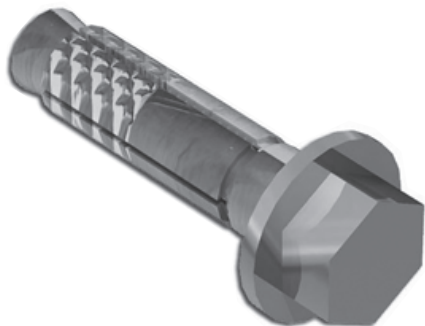
523 Brass Expansion Bolt

The BL-523 masonry fastener is for fastening anchors to concrete, block, brick and into mortar joints.

Materials:

- Internal Bolt: Type 304 Stainless Steel
- Stainless Steel Washer: Type 18-8 Stainless Steel
- Knurled Expansion Sleeve: Brass 260 Alloy
- Expander Cone: Brass 260 Alloy

Sold only in conjunction with related anchors.



Ultimate Structural Values* (Tension):

- C-90 CMU Block (Shell) 1720#
- C-90 CMU Block (Rib) 2015#
- Brick Masonry 1550#
- Brick/CMU mortar joint 1435#
- Concrete (3000psi.) 1785#

* Full 1" Embedment. * The ultimate structural values listed above are ultimate load capacities, which should be reduced by a minimum safety factor of 4.0 or greater to determine the allowable working load.

Dimensions:

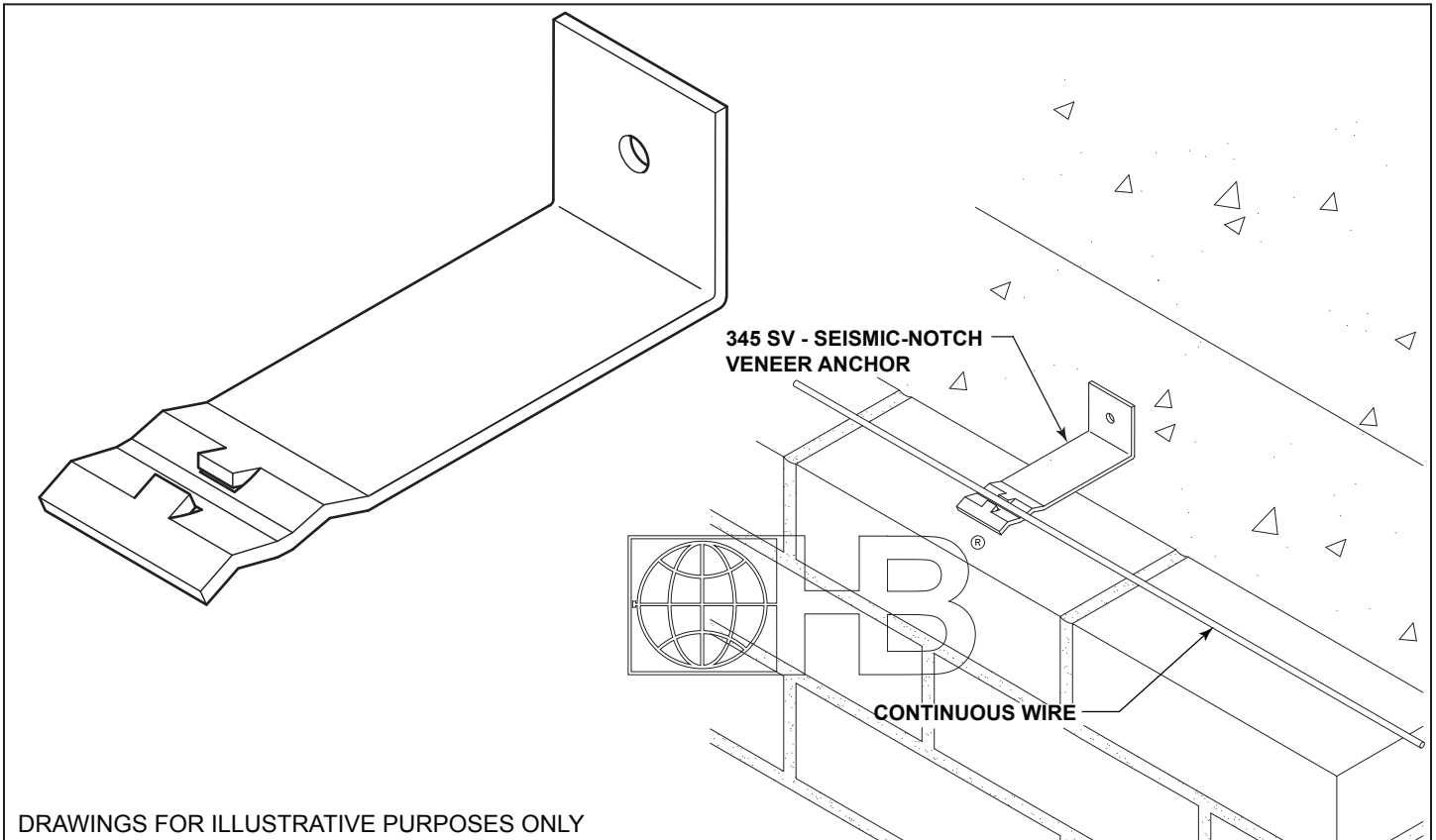
- ANSI drill bit size: 3/8"Ø
- Fixture clearance hole: 7/16"Ø
- Internal bolt size: 1/4"Ø - 20
- Head height: 1/4"
- Washer O.D.: 3/4"

IMPORTANT: Since each construction project is unique, the appropriate selection and use of any product contained herein must be determined by competent architects, engineers and other appropriate professionals who are familiar with the specific requirements of the project in question.

Seismic Anchors and Ties

345-SV

Seismic-Notch Veneer Anchor



DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

The **345-SV Veneer Anchor** features a Seismic Notch that accommodates 9 gauge or 3/16"Ø continuous wire while providing superior pull-out strength.

MATERIAL CONFORMANCE

Wire (Carbon Steel): Prefabricated from cold-drawn steel wire conforming to **ASTM A1064/A1064M**

Tensile Strength - 80,000 psi | Yield Point - 70,000 psi minimum
Zinc Coating:

Hot-Dip Galvanized after fabrication: **ASTM A153/A153M-B** (1.5 oz/ft²)

Note: Hohmann & Barnard will certify to a minimum of 2.0 oz/ft²

Wire (Stainless Steel): **ASTM A580/A580M** - AISI Type 304 or Type 316

Sheet Metal (Carbon Steel): **ASTM A1008/A1008M**

Zinc Coating:

Hot-Dip Galvanized: **ASTM A153/A153M Class B** (1.5 oz/ft²)

(sheet metal ties and anchors galvanized after fabrication)

Note: Hohmann & Barnard will certify to a minimum of 2.0 oz/ft²

Sheet Metal (Stainless Steel): **ASTM A666, ASTM A480/480M, and ASTM A240/A240M** - AISI Type 304 or Type 316

H&B manufactures steel wire products from a minimum of 95% recycled material.

Finish:

☐ Hot-Dip Galv.

Stainless Steel: ☐ Type 304 ☐ Type 316

Note: Hohmann & Barnard recommends Stainless Steel for maximum protection against corrosion.

Thickness:

☐ 16 gauge

☐ 14 gauge

☐ 12 gauge

Length: _____

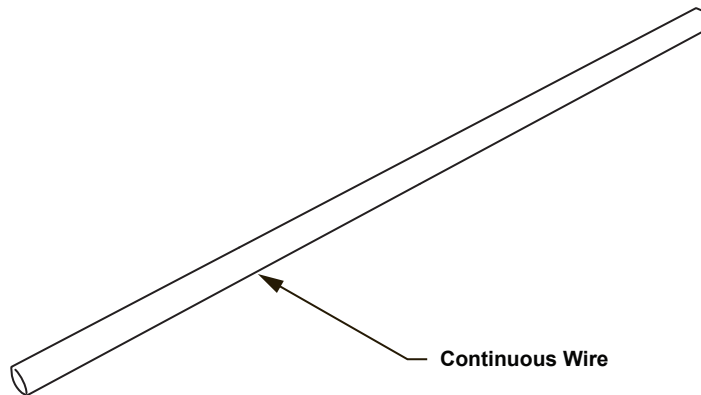
Continuous Wire: ☐ 9 gauge ☐ 3/16"Ø

Standard Dimensions: 345-SV is 1 1/4" wide x 16 ga., 14 ga., or 12 ga., and is available in any length with 9/32"Ø hole

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Seismic Anchors and Ties

CONTINUOUS WIRE



DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

9 ga., 3/16"Ø or 1/4"Ø continuous wire for seismic applications

MATERIAL CONFORMANCE

Wire (Carbon Steel):

Cold-drawn steel wire conforming to **ASTM A1064/A1064M**:

Tensile Strength - 80,000 psi | Yield Point - 70,000 psi minimum

Zinc Coating:

Hot-Dip Galvanized after fabrication: **ASTM A153/A153M-B2** (1.5 oz/ft²)

NOTE: Hohmann & Barnard will certify to a minimum of 2.0 oz/ft²

Wire (Stainless Steel):

ASTM A580/A580M - AISI Type 304 or Type 316

H&B manufactures steel wire products from a minimum of 95% recycled material.

Continuous Wire:

Wire Size: ☐ 9 ga. ☐ 3/16"Ø ☐ 1/4"Ø

Finish:

☐ Hot-Dip Galv. Stainless Steel: ☐ Type 304 ☐ Type 316

H&B recommends Stainless Steel for maximum protection against corrosion

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