

ABBREVIATIONS AND SYMBOLS

- O.W. -- OPENING WIDTH
- O.H. -- OPENING HEIGHT
- F.S. -- FRAME SIZE
- S.F.S. -- SUB-FRAME SIZE
- M.O. -- MASONRY OPENING
- N.B.K. -- NOT BY KANE INNOVATIONS
- R.D. -- REFERENCE DIMENSION
- R.O. -- ROUGH OPENING
- [XX.XXX] -- EQUAL TO MM
-  -- WORKPOINT
-  -- ELEVATION MARK
-  -- SUB-OPENING NUMBER
-  -- DETAIL NUMBER
-  -- SHEET NUMBER
-  INDICATES ITEMS TO BE VERIFIED BY CUSTOMER.
-  -- REVISION CLOUD

VAMC LEEDS LEEDS, MA

**CUSTOMER:
BRICAN, INC.**

**ARCHITECT:
...**

KANE SECURITY SYSTEM(S) USED

1. S-VAN-28X-0
 - 1.1. OPERABLE STEEL VAN-GUARD SCREEN
 - 1.2. INFILL: 12 MESH .028" S/S WIRE CLOTH

NO.	REVISED PER RETURN MARK-UPS	DATE	DESCRIPTION

INFORMATION SHOWN ON THIS DRAWING IS PROPRIETARY AND THE SOLE PROPERTY OF KANE INNOVATIONS CORPORATION AND IS NOT TO BE REPRODUCED, DISCLOSED, OR TRANSMITTED TO OTHERS FOR ANY PURPOSE NOT AUTHORIZED BY KANE INNOVATIONS CORPORATION.

QUANTITY	TRANSMITTING
(1)	PDF COPY OF DWG NO. 20546--SUBMISSION 2 DWG.'S
-	
-	
-	
-	

EXCLUSIONS

THE FOLLOWING ITEMS ARE NOT SUPPLIED BY KANE INNOVATIONS UNLESS STATED OTHERWISE.

- A. INSTALLATION
- B. FIELD APPLIED CAULKING AND ROD STOPS.
- C. SEALANTS/MASTICS
- D. CONCRETE INSERTS OR IMBEDS
- E. ANCHORS OR ATTACHMENTS TO MAIN STRUCTURE
- F. BRACING OR REINFORCING UNLESS SPECIFICALLY NOTED IN QUOTATION OR SUBMISSION DRAWINGS.
- G. FLASHING
- H. WOOD
- I. SHIMS
- J. INSULATION
- K. FIRE PROOFING MATERIALS
- L. PROTECTIVE COATINGS (BACK PTG.)
- M. INSTALLATION FASTENERS

CONTRACT NOTES

1. THESE HAVE BEEN PREPARED IN ACCORDANCE WITH KANE INNOVATIONS QUOTATION AND/OR AN ACCEPTED PURCHASE ORDER.
2. REVISIONS, ADDITIONS, OR DEDUCTIONS REQUIRE WRITTEN AUTHORIZATION OR A REVISED PURCHASE ORDER ACCOMPANYING RETURNED PRINTS.
3. KANE INNOVATIONS WILL ASSUME NO RESPONSIBILITY BEYOND MANUFACTURING IN ACCORDANCE WITH THESE DRAWINGS OR FROM ERRORS RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES.
4. APPROVAL BY THE ARCHITECT AND CUSTOMER SHALL CONSTITUTE ACCEPTANCE OF ALL DEVIATIONS MADE BY KANE INNOVATIONS TO THE PLANS AND SPECIFICATIONS.
5. REQUESTS FOR REVISIONS AFTER KANE INNOVATIONS HAS BEEN AUTHORIZED TO PROCEED WITH FABRICATION WILL BE SUBJECT TO ADDITIONAL CHARGES/REVISED SHIP DATE.
6. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO VERIFY DIMENSIONS. (SEE VERIFICATION BLOCK) FABRICATION WILL NOT BEGIN UNTIL KANE INNOVATIONS HAS RECEIVED A SIGNED COPY OF THESE THESE DRAWINGS.
7. DELIVERY F.O.B. KANE, PA TO JOBSITE. UPON DELIVERY OF THE KANE MATERIAL TO THE JOBSITE, IT IS THE RESPONSIBILITY OF THE CUSTOMER TO INSURE THAT ALL SHIPPING DAMAGES ARE NOTED ON BILL OF LADING.

PLEASE INITIAL EACH LINE BELOW FOR VERIFICATION THAT YOU COMPLY WITH THE STATEMENTS. FOR ITEMS THAT NEED AN ANSWER, PLEASE STATE IN NOTES SECTION ON C2.

INITIAL	REMARKS
_____	PLEASE EXAMINE THE DRAWINGS CAREFULLY AND APPROVE.
_____	VERIFY SURROUNDING CONDITIONS SHOWN ON DRAWING.
_____	FIELD VERIFY DIMENSIONS SHOWN ON ELEVATIONS, VERIFY HINGING SHOWN, AND VERIFY BRACE CENTERLINE DIMENSIONS.
_____	VERIFY FINISH COLOR IS TO BE KANE'S STANDARD WHITE. INFILL COLOR WILL BE KANE'S STANDARD BLACK FINISH.
_____	VERIFY SCREENS ARE MOUNTED ON THE INTERIOR.
_____	VERIFY THAT SCREEN UNITS WILL BE KEYED ON THE INTERIOR ONLY.
_____	ADVISE IF KEY HOLE COVERS ARE REQUIRED - SEE SHEET H1 FOR INFORMATION.
_____	VERIFY THERE IS ADEQUATE CLEARANCE AT THE DROP CEILING TO ALLOW THE SCREENS TO OPEN AND CLOSE WITHOUT INTERFERENCE.
_____	NOTE: PER QUOTATION 16-1417-00, INSTALLATION FASTENERS ARE NOT SUPPLIED BY KANE. RECOMMENDED FASTENERS ARE INDICATED ON SPECIFICATION SHEET.
_____	FABRICATION WILL NOT BEGIN UNTIL DRAWINGS ARE APPROVED, SIZES ARE FIELD VERIFIED, ALL TRANSMITTAL INFORMATION IS ADVISED OR VERIFIED, AND CREDIT IS APPROVED.

NOTE: STANDARD DELIVERY IS APPROXIMATELY 6-8 WEEKS AFTER FINAL APPROVAL OF DRAWINGS AND FIELD DIMENSIONS ARE RECEIVED

SINCERELY,
KANE INNOVATIONS

CHARLES GILMORE
cgilmore@kaneinnovations.com

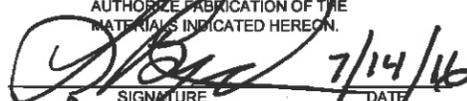
NOTE:
PLEASE FIELD VERIFY ALL DIMENSIONS SHOWN WITHIN THIS SUBMISSION PACKET.

NOTE: DO NOT SCALE THESE DRAWINGS

APPROVAL BLOCK

CUSTOMER VERIFICATION BLOCK

I VERIFY THAT ALL DIMENSIONS INDICATED ON THESE ELEVATIONS ARE CORRECT AS SHOWN OR AS CORRECTED, AND HEREBY AUTHORIZE FABRICATION OF THE MATERIALS INDICATED HEREON.


 SIGNATURE DATE 7/14/16

BRICAN INC.
COMPANY NAME

KANE INNOVATIONS

GUARDIAN OF SAFE ENVIRONMENTS
 2530 HUNTERS LANE
 PITTSBURGH, PA 15109
 PH: 412.660.1771 FAX: 412.660.1772
www.kaneinnovations.com

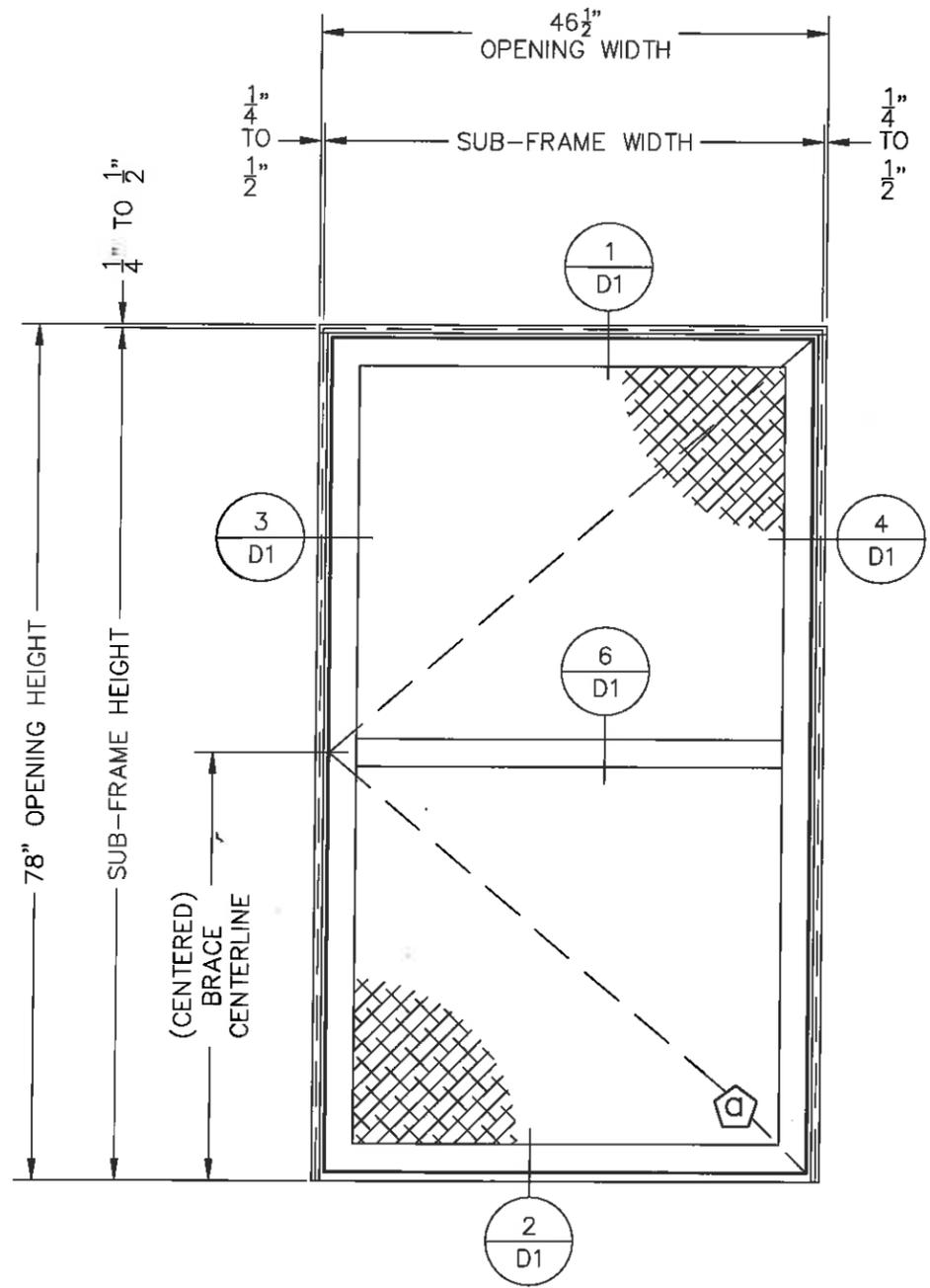
KANE SECURITY SYSTEMS BY KANE

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VAMC LEEDS
LEEDS, MA

BRICAN, INC.

PROJECT NO.	20546
DRAWN	MRS
DATE	07/12/16
SCALE	NO SCALE
SHEET	C1



ELEVATION 1

MARK: 2WA-19 (INTERIOR MOUNT)

(1) OPENING THUS

(1) S-VAN-28X-O REQUIRED (REVEAL MOUNTED)

OPERABLE STEEL VAN-GUARD SECURITY SCREEN

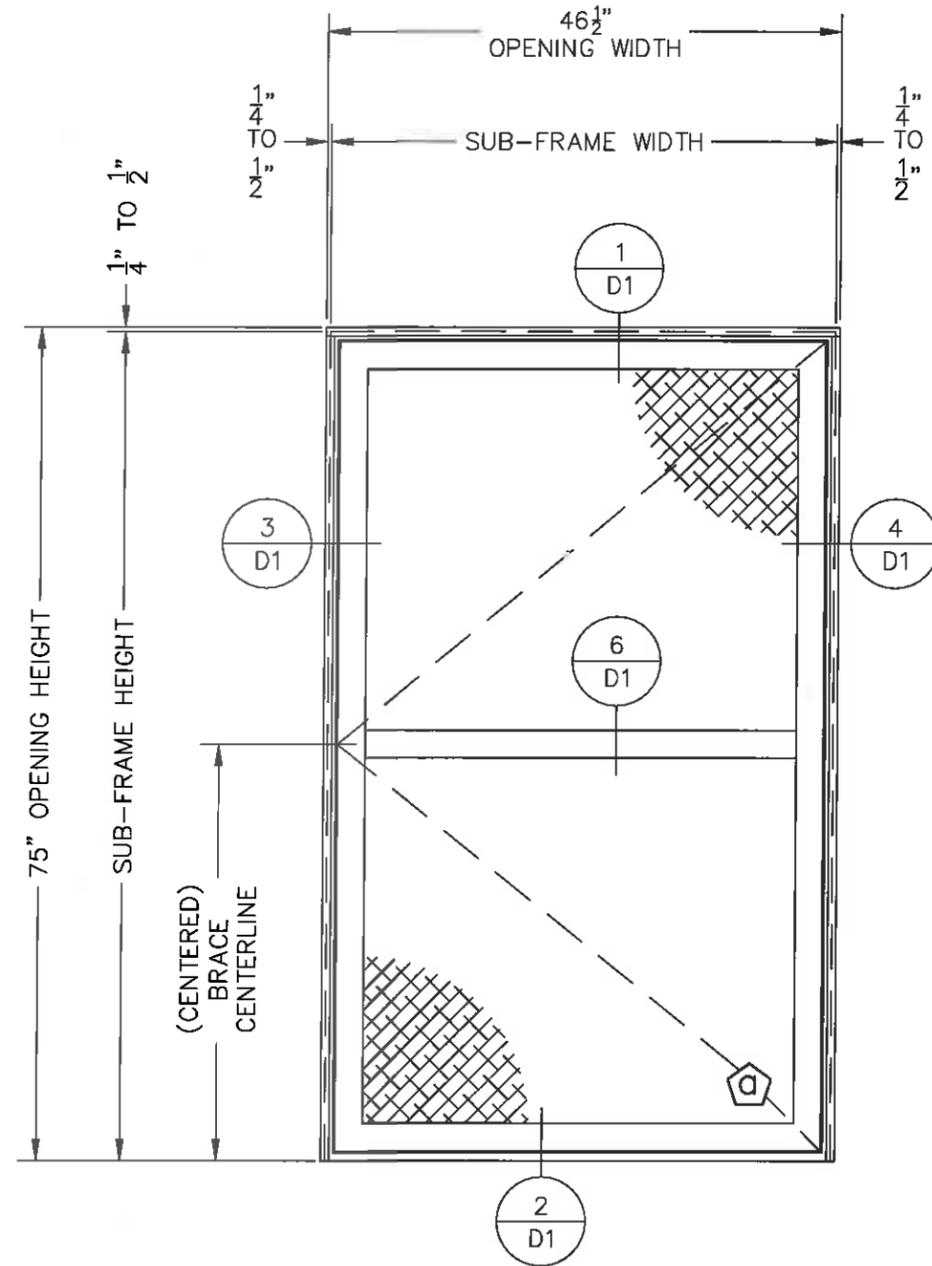
INFILL: 12 MESH .028" DIA. STAINLESS STEEL WIRE CLOTH

LOCK TYPE: 107 BITT KEY LOCK (KEYED INTERIOR ONLY)

EMERGENCY RELEASE: NONE

PRIMARY FINISH: KANE'S STANDARD POLYESTER POWDER COAT - WHITE

INFILL FINISH: KANE'S STANDARD POLYESTER POWDER COAT - BLACK



ELEVATION 2

MARK: 2WB-72 (INTERIOR MOUNT)

(1) OPENING THUS

(1) S-VAN-28X-O REQUIRED (REVEAL MOUNTED)

OPERABLE STEEL VAN-GUARD SECURITY SCREEN

INFILL: 12 MESH .028" DIA. STAINLESS STEEL WIRE CLOTH

LOCK TYPE: 107 BITT KEY LOCK (KEYED INTERIOR ONLY)

EMERGENCY RELEASE: NONE

PRIMARY FINISH: KANE'S STANDARD POLYESTER POWDER COAT - WHITE

INFILL FINISH: KANE'S STANDARD POLYESTER POWDER COAT - BLACK

REV	BY	DATE	DESCRIPTION
1	MPP	07/14/16	REVISED PER RETURN MARK-UPS

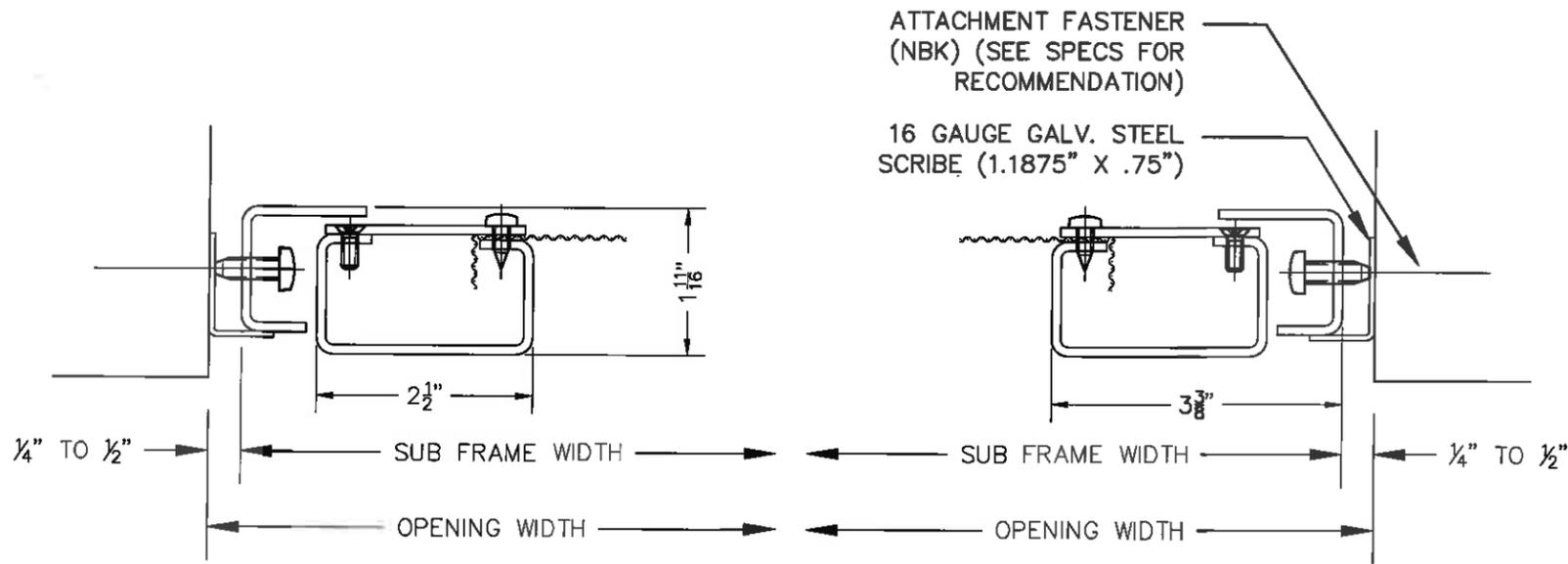
KANE INNOVATIONS
 GUARDIANS OF SAFE ENVIRONMENTS
 KANE SECURITY SCREENS BY KANE
 1600 PENNSYLVANIA AVE.
 PITTSBURGH, PA 15206
 PH: 412.771.2478
 WWW.KANEINNOVATIONS.COM

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 LEEDS, MA
BRIGAN, INC.

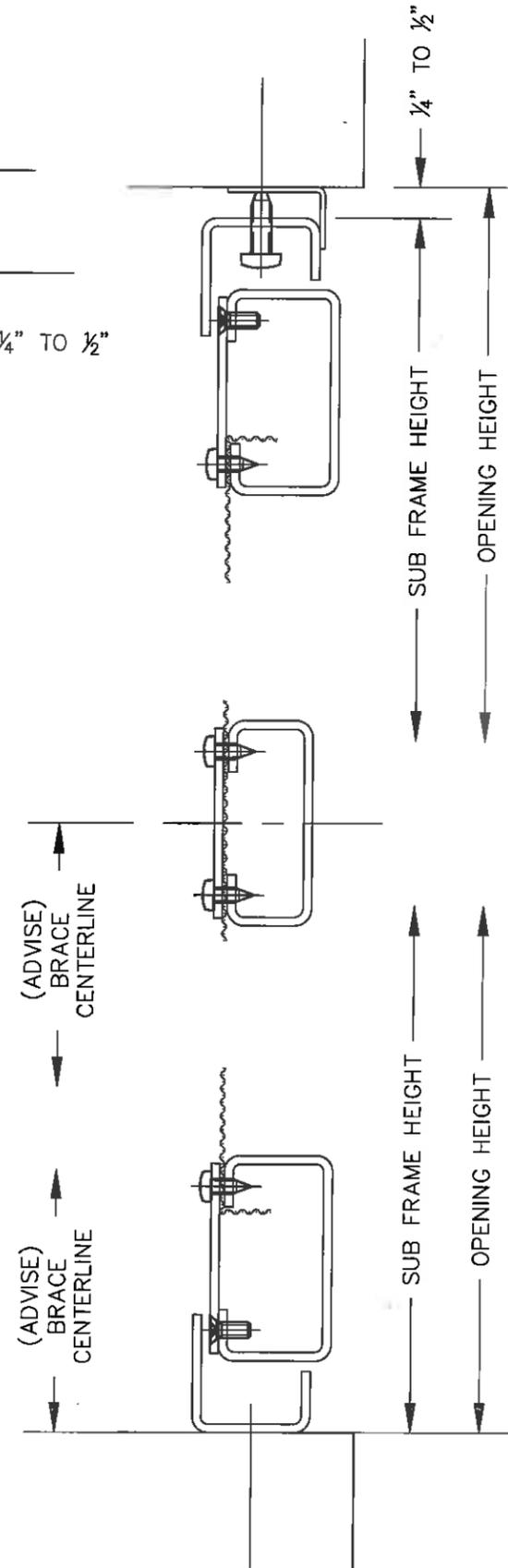
PROJECT NO.	20546
DRAWN	MRS
DATE	07/12/16
SCALE	3/4"=1'-0"
SHEET	E1

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3 LEFT JAMB
HALF SCALE

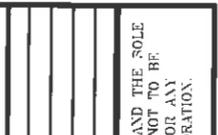
4 RIGHT JAMB
HALF SCALE



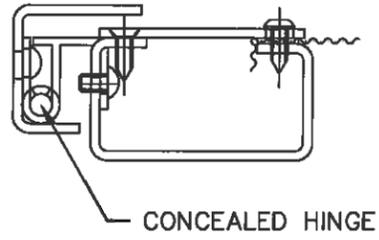
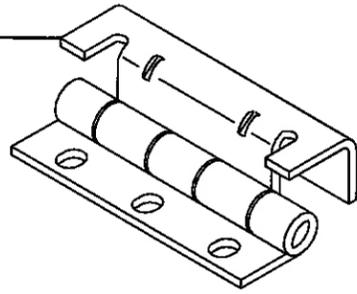
2 SILL DETAIL
HALF SCALE

6 BRACE DETAIL
HALF SCALE

1 HEAD DETAIL
HALF SCALE

									
<p>GUARDIANS OF SAFE ENVIRONMENTS KANE SECURITY SCREENED BY KANE</p>									
<p>© 2016</p>									
<p>VAMC LEEDS LEEDS, MA BRICAN, INC.</p>									
PROJECT	PROJECT NO.								
	20546								
DRAWN	DATE								
MRS	07/12/16								
SCALE	6"=1'-0"								
SHEET	D1								
<p>REVISION LOG</p> <table border="1"> <thead> <tr> <th>REV</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NPP</td> <td>07/14/16</td> <td>REVISED PER RETURN MARK-UPS</td> </tr> </tbody> </table>		REV	BY	DATE	DESCRIPTION	1	NPP	07/14/16	REVISED PER RETURN MARK-UPS
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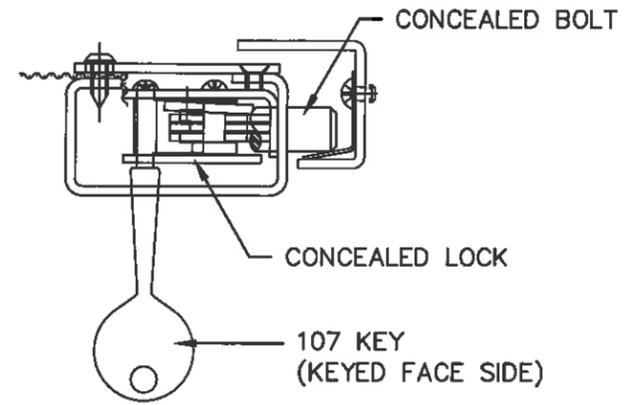
CONCEALED HINGE DETAIL
HALF SCALE



CONCEALED HINGE

EXTERIOR

INTERIOR

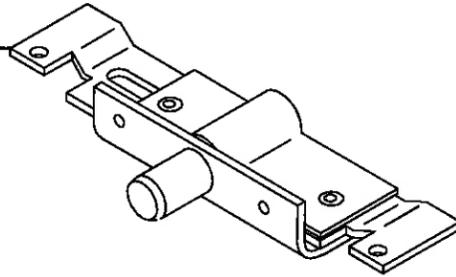


CONCEALED BOLT

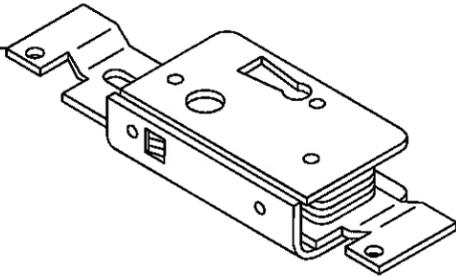
CONCEALED LOCK

107 KEY
(KEYED FACE SIDE)

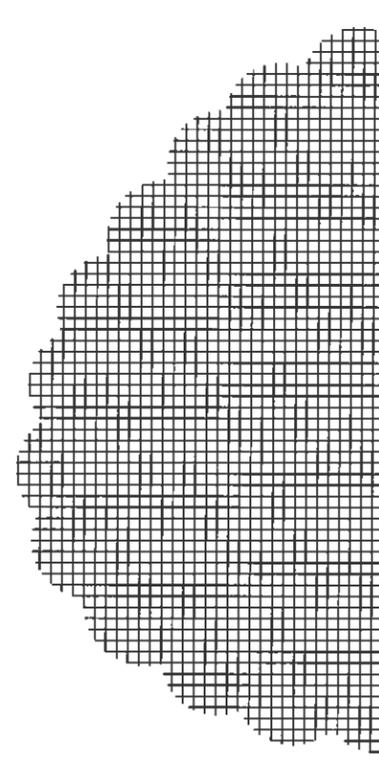
CONCEALED BOLT DETAIL
HALF SCALE



CONCEALED LOCK DETAIL
HALF SCALE



KEY DETAIL
HALF SCALE



- CHECK HERE IF KEYHOLE COVER IS REQUIRED

KEY HOLE

OPTIONAL KEY HOLE COVER PLATE DETAIL
HALF SCALE

REV	BY	DATE	DESCRIPTION
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KANE SECURITY
SECURITY BY KANE

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LEEDS, MA
BRICAN, INC.

PROJECT	PROJECT NO.
	20546
DRAWN	DATE
MRS	07/12/16
SCALE	6"=1'-0"
SHEET	H1

**LEVEL 6
Operable
Steel Van-Guard Security Screen
Model: S-VAN-O**

PART 1 GENERAL

1.01 Description

The security screens shown on the plans and herein specified are the products of Kane Innovations, Erie, Pennsylvania. This manufacturer's name and products have been used to establish the standards of construction and quality of workmanship required for this project. Manufacturers bidding on this project must be actively engaged in the fabrication of specified items for a minimum of five (5) years prior to the bid date. Manufacturers requesting approval to bid their products as equal must submit to the Architect full-size drawings, including details of construction, and a complete operating security screen sample, ten (10) days prior to the bid date.

1.02 Submittals

- A. Manufacturer shall submit shop drawings, showing details of attachment to surround materials and elevations showing scope of the project.
- B. Samples of materials may be requested without cost to owner: frame sections, infill sections, fasteners, mullion section, corner section, etc.
- C. Additional submittals shall be done in accordance to contract specification section 08663 part 1.05

1.03 Warranty

The operation of the security screen supplied by Kane Innovations on the designated project is warranted for one (1) year warranty against any proven defective material or parts, as called for in the specifications and approved shop drawings. This warranty does not cover abuse by others.

PART 2 PRODUCTS

2.01 Acceptable Manufacturers

Kane Innovations, Erie, PA
(800) 773-2439

2.02 Main Frame

- A. The main frame shall be of open box channel design, measuring 5/8" [15.875mm] x 1-3/8" [34.925mm] x 2-1/2" [63.5mm] x 1-5/16" [33.338mm] x 5/8" [15.875mm] and formed of 12-gauge steel. The corners of the main frame shall be notched for self-aligning and robotically welded.
- B. Braces shall be furnished when required. They shall be of open box channel design, measuring 5/8" [15.875] x 1-1/32" [26.19375] x 2-1/2" [63.5] x 1-1/32" [26.19375] x 5/8" [15.875] and formed of 12-gauge steel.
- C. Concealment plates, measuring 2-5/16" [58.7375] and formed of 12-gauge steel shall be applied to the back of the main frame (and brace if furnished) to conceal the locking mechanism and retain the infill. The concealment plates shall be attached to the main frame along the inner and outer edges by screws. Inner screws shall be #10 x 1/2" tamper-resistant, TORX® pan head sheet metal screw, and penetrate the concealment plate, infill, and main frame approximately 4" [101.6] on center. The outer screws shall be #10-24 x 1/2" Phillips flat head thread cutting screw w/c, on center no less than 8" [203.2] but no more than 12" [304.8], with exception of smaller screens.

2.03 Sub-frame

The sub-frame shall be of channel design, measuring 3/4" [19.05] x 1-7/16" [36.5125] x 1-7/16" [36.5125] and formed of 12-gauge steel on all sides. The corners of the sub-frame shall be notched for self-aligning and robotically welded on both sides to provide a rigid frame within which the main frame operates.

2.04 Finish

- A. All interior and exterior surfaces of the main frame, sub-frame and concealment plates shall be thoroughly cleaned in a 5-step bonderizing process. The surfaces shall receive an electrostatically applied thermoplastic, polyester powder coating (2.5 mil min. thickness), which shall be applied and baked to a hard mar-resistant finish in one of Kane's standard colors.
 - White
 - Gray
 - Black
 - Beige
 - Dark Bronze
 - Custom colors are available at additional cost with submission of color samples.
- B. The infill shall be thoroughly cleaned in a 5-step bonderizing process. An electrostatically applied black, thermoplastic, polyester powder coating (2.5 mil min. thickness) shall be applied and baked to a hard mar-resistant finish.

2.05 Infill

Wire Cloth

- Wire cloth shall be woven 12-mesh to the inch from .028-inch diameter Type 304 stainless steel wire and double crimped.
- ~~Wire cloth shall be woven 16-mesh to the inch from .047-inch diameter Type 304 stainless steel wire and double crimped.~~

Perforated Panel

- ~~18-gauge stainless steel with 63% open area~~
- ~~16-gauge mill galvanized steel with 63% open area~~
- ~~14-gauge mill galvanized steel with 61% open area~~
- ~~12-gauge mill galvanized steel with 51% open area~~

2.06 Infill Attachment

- A. The wire cloth shall be folded 90 degrees on the edges and held securely in place by means of a removable concealment plate of 12-gauge steel and #10 x 1/2" tamper-resistant TORX® pan head sheet metal screws.
- B. The perforated panel shall lie flat on the main frame and be held in place by means of a removable concealment plate of 12-gauge steel and #10 x 1/2" tamper-resistant TORX® pan head sheet metal screws.
- C. Philips flat head thread cutting screws shall penetrate the concealment plate and main frame along the outer edge. The inner TORX® tamper-resistant screws shall penetrate the infill, concealment plate, and the main frame approximately 4" [101.6] on center.

2.07 Locks and Releases

- A. Each screen shall have a concealed actuating ball bearing, 1/2" [12.7] diameter casehardened steel bolts. The bolts shall operate simultaneously from one key station with a special Bitt key.
 - Kane 107® Bitt key lock
 - ~~Type 107™ (four tumblers) (Engagement available with this option)~~
 - ~~Keyed ball bearing~~
- B. Optional Emergency Releases:
 - ~~Lift-Quick™~~
 - ~~Push-Quick™ (release which conforms to NFPA 101 (6-2.1.7.1))~~
 - ~~Down-Quick™~~

2.08 Hardware

- A. Each screen shall be provided with two or more concealed 13-gauge, electroplated steel hinges with 1/4" [6.35] diameter hardened, loose stainless steel pins and integral compression guards. Hinges shall be spaced at a maximum of 24" [609.6] on center. 13-gauge stainless steel hinge available.
- B. Each screen shall come fully assembled and tested at the factory for operation.

PART 3 EXECUTION

3.01 Inspection

Verify that openings fit allowable tolerances, are plumb, level, provide a solid anchoring surface and comply with approved shop drawings.

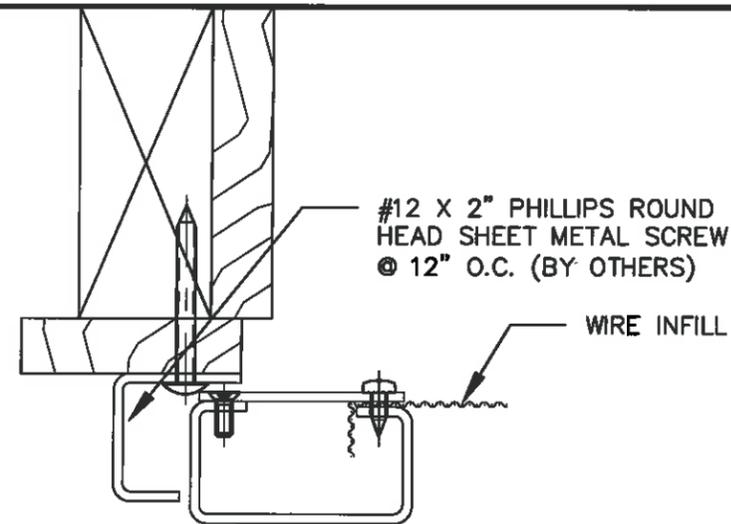
3.02 Installation

- A. Install in accordance with approved shop drawings and specifications.
- B. Plumb and align faces in a single plane and erect screens square and true, adequately anchored to structure.
- C. After completion of installation, screens shall be adjusted, in working order and cleaned.

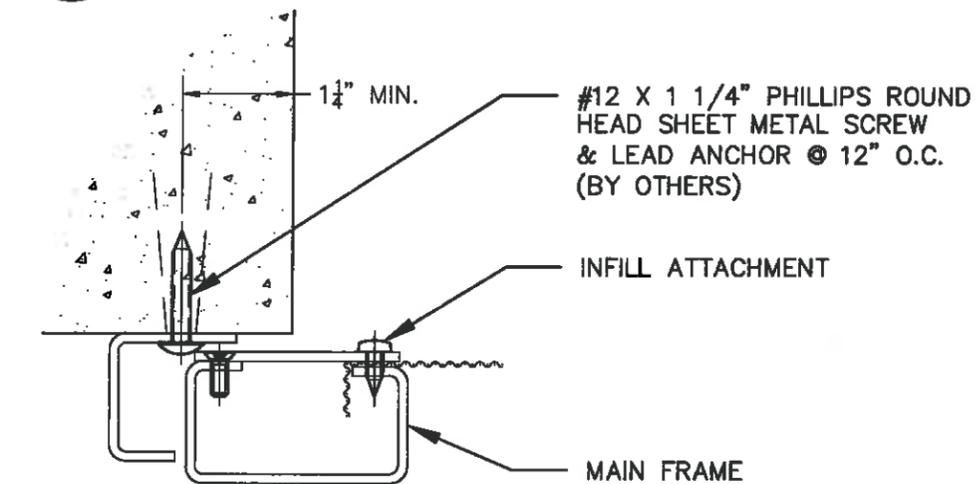
PART 4 ENVIRONMENTAL REPORTING

4.01 LEED Materials and Resources

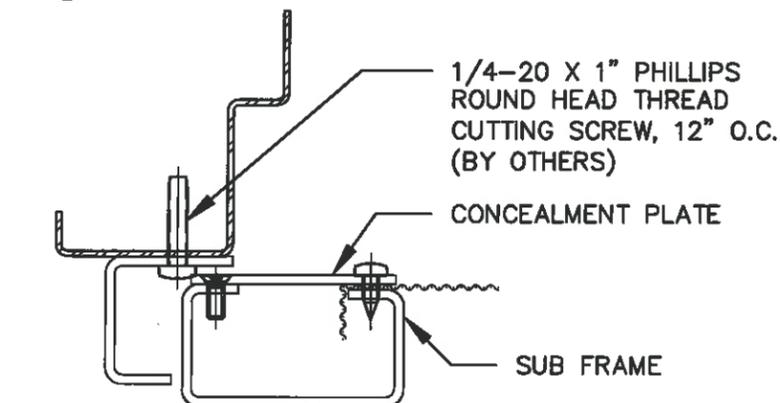
- A. Recycled Content: This product contributes toward satisfying Credit 4 under LEED.
- B. Regional Material - This product can contribute toward satisfying Credit 5 under LEED.



1 MOUNTING TO WOOD SURROUND
Scale: 6"=1'-0"



2 MOUNTING TO MASONRY SURROUND
Scale: 6"=1'-0"



3 MOUNTING TO METAL SURROUND
Scale: 6"=1'-0"

REVISION LOG	REV. BY	DATE	DESCRIPTION
	INPP	07/14/16	REVISED PER RETURN MARK-UPS

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www.kaneinnovations.com

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LEEDS, MA
BRICAN, INC.

PROJECT NO. 20546
DRAWN DATE MRS 07/12/16
SCALE 6"=1'-0"
SHEET S1