








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

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











VAMC LEEDS  
LEEDS, MA

CUSTOMER:  
BRICAN, INC.

ARCHITECT:  
...

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

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

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

- THESE HAVE BEEN PREPARED IN  
ACCORDANCE WITH KANE INNOVATIONS  
QUOTATION AND/OR AN ACCEPTED  
PURCHASE ORDER.
- REVISIONS, ADDITIONS, OR DEDUCTIONS  
REQUIRE WRITTEN AUTHORIZATION OR A  
REVISED PURCHASE ORDER ACCOMPANYING  
RETURNED PRINTS.
- 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.
- APPROVAL BY THE ARCHITECT AND  
CUSTOMER SHALL CONSTITUTE ACCEP-  
TANCE OF ALL DEVIATIONS MADE BY  
KANE INNOVATIONS TO THE PLANS  
AND SPECIFICATIONS.
- REQUESTS FOR REVISIONS AFTER  
KANE INNOVATIONS HAS BEEN  
AUTHORIZED TO PROCEED WITH  
FABRICATION WILL BE SUBJECT TO  
ADDITIONAL CHARGES/REVISED SHIP DATE.
- IT IS THE RESPONSIBILITY OF THE  
CUSTOMER TO VERIFY DIMENSIONS.  
(SEE VERIFICATION BLOCK) FAB-  
RICATION WILL NOT BEGIN UNTIL  
KANE INNOVATIONS HAS RECEIVED  
A SIGNED COPY OF THESE THESE  
DRAWINGS.
- 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.

KANE SECURITY  
SYSTEM(S) USED

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

REVISION LOG	DATE	DESCRIPTION
1	07/14/16	REVISED PER RETURN MARK-UPS
2		
3		
4		
5		
6		
7		
8		
9		
10		




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  
7/14/16  
DATE  
BRICAN INC.  
COMPANY NAME

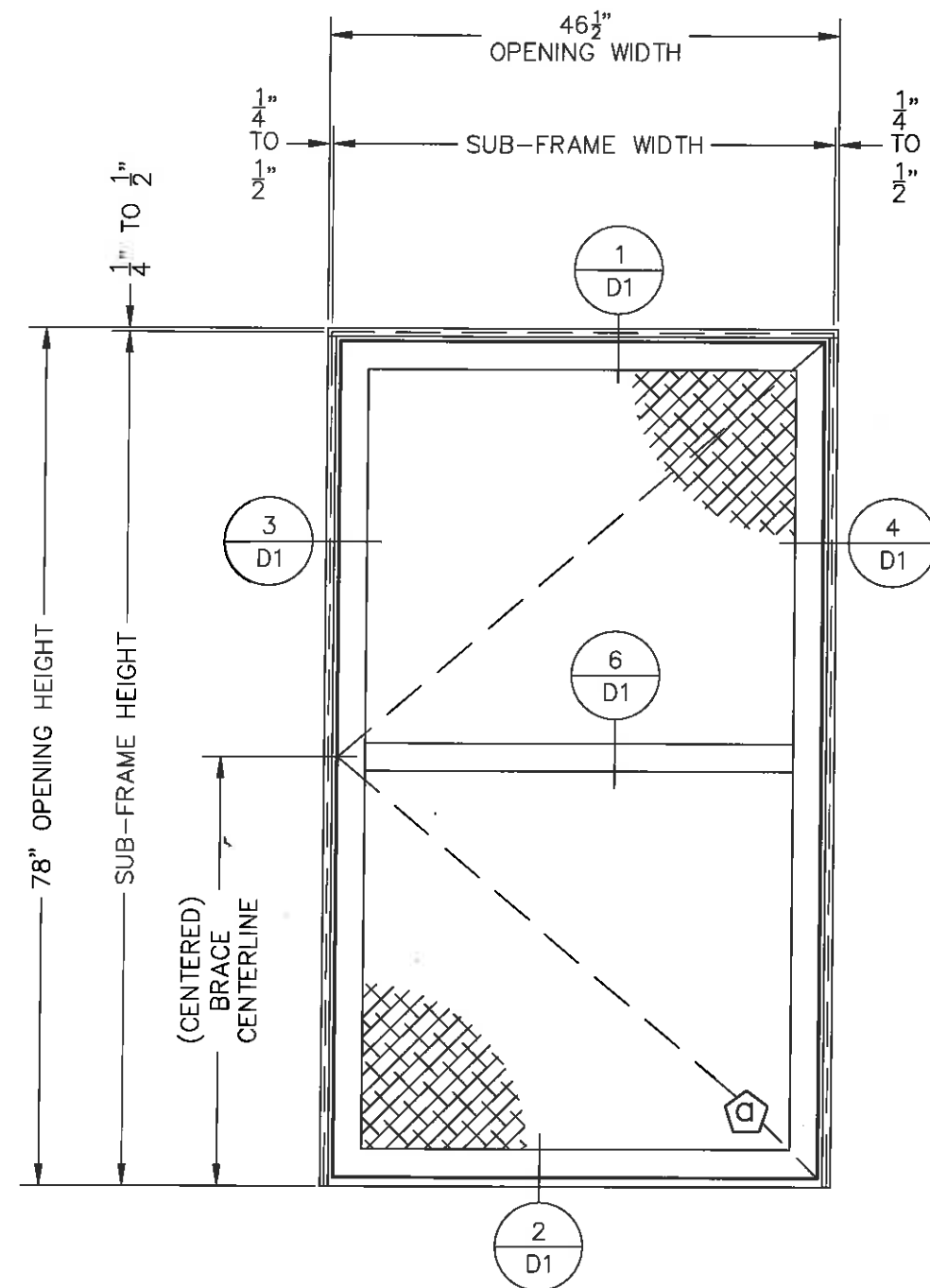
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VAMC LEEDS  
LEEDS, MA  
BRICAN, INC.

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

[illegible][illegible]

<b>VAMC LEEDS</b>						<b>KANE INNOVATIONS</b>					
<b>LEEDS, MA</b>						<b>GUARDIANS OF SAFE ENVIRONMENTS</b>					
						 <b>KANE SECURITY</b> <small>OWNERS BY NAME</small> FIG # 2250 POWELL AV. NEWTON, MA 02459-4800 PH# 603 777 2199 FAX 603 777 2199 <a href="http://www.kanecorp.com">www.kanecorp.com</a>					
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PROJECT NO.											
20546											
DRAWN						DATE					
MRS						07/12/16					
SCALE											
NO SCALE											
SHEET											
C2											



## ELEVATION 1

MARK: 2WA-19 (INTERIOR MOUNT)

(1) OPENING THUS

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

OPERABLE STEEL VAN-GUARD SECURITY SCREEN

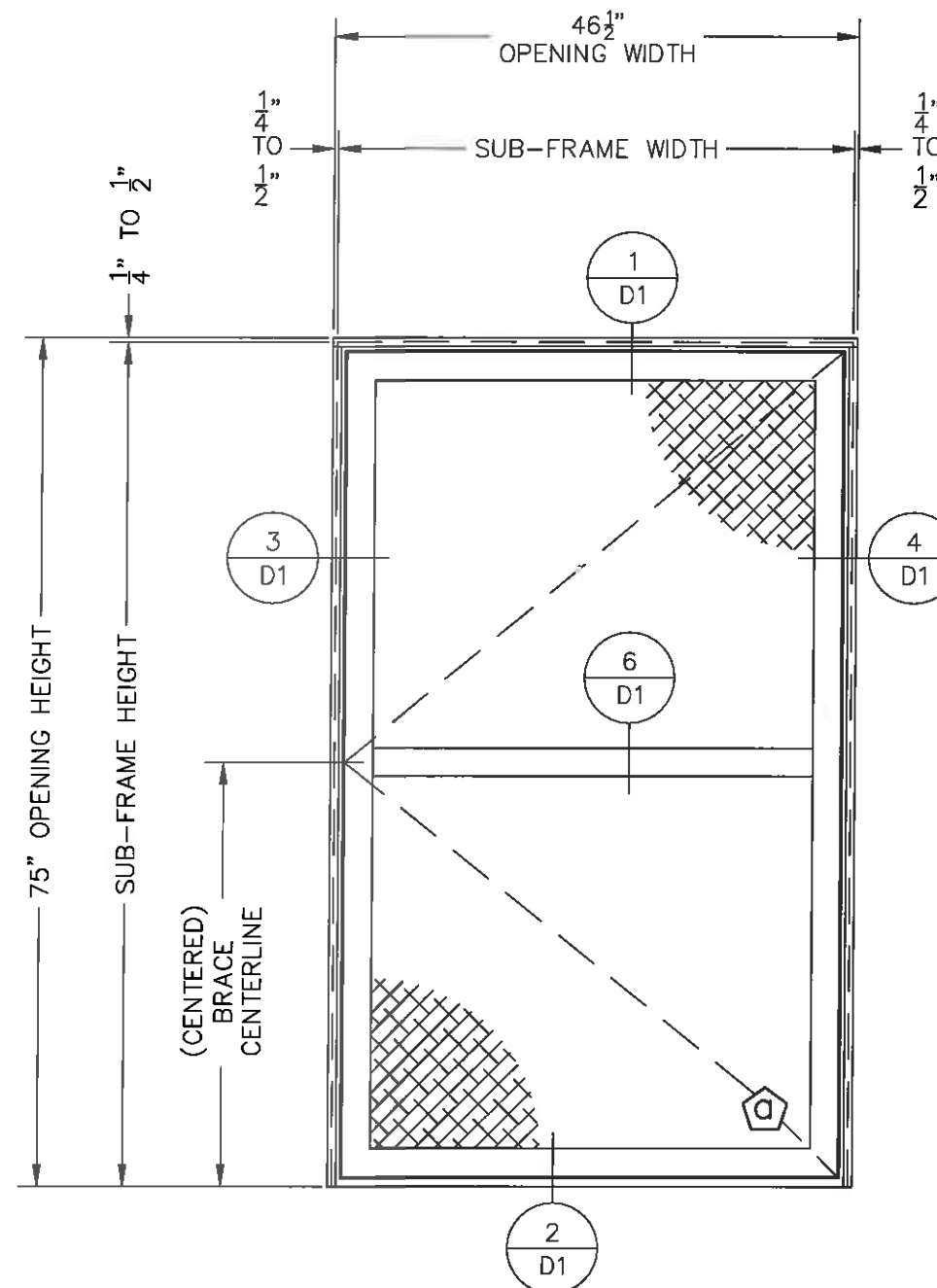
INFILL: 12 MESH .028" DIA. STAINLESS STEEL WIRE CLOTH

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

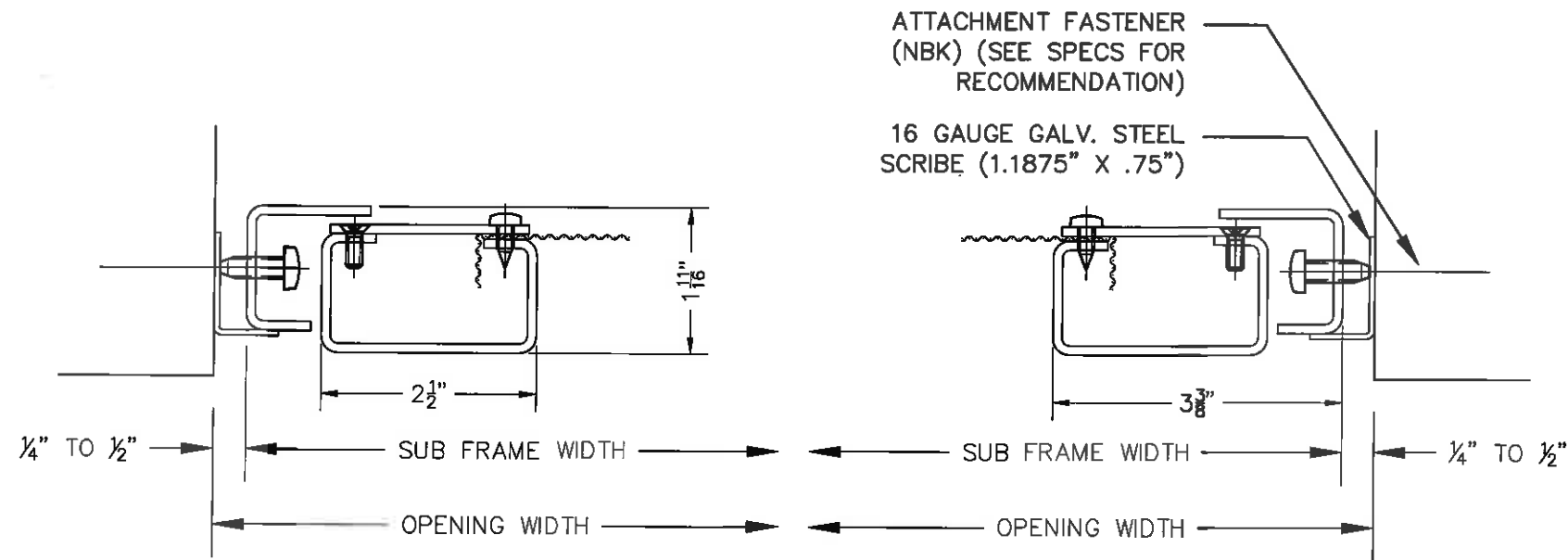
REV	BY	DATE	DESCRIPTION
1	INP	07/14/16	REVISED PER RETURN MARK-UPS

**KANE INNOVATIONS**  
GUARDIANS OF SAFE ENVIRONMENTS  
KANE SECURITY  
SCREENS BY KANE

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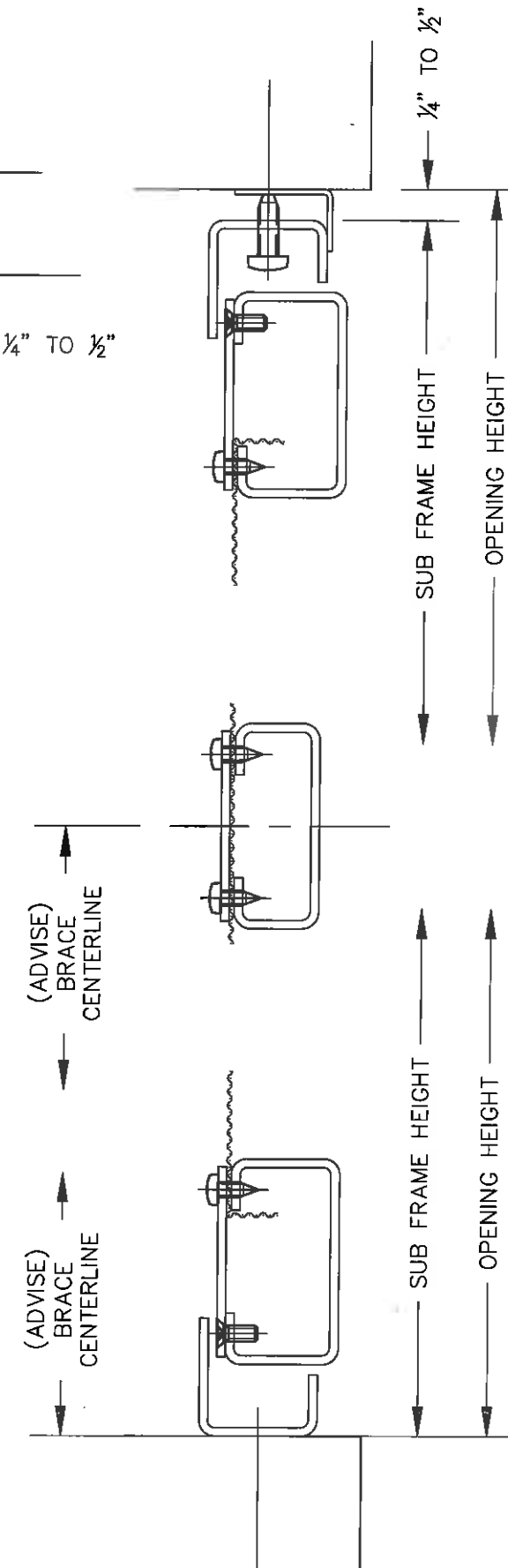
**VAMC LEEDS**  
LEEDS, MA  
**BRICAN, INC.**

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



3 LEFT JAMB  
HALF SCALE

4 RIGHT JAMB  
HALF SCALE



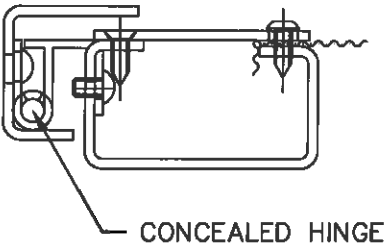
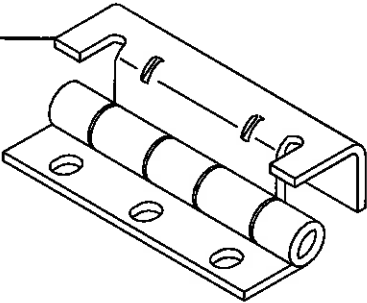
1 HEAD DETAIL  
HALF SCALE

6 BRACE DETAIL  
HALF SCALE

2 SILL DETAIL  
HALF SCALE

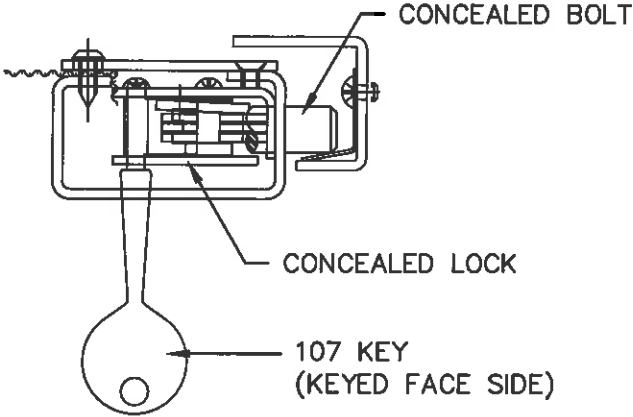
<b>KANE INNOVATIONS</b> <small>GUARDIANS OF SAFE ENVIRONMENTS</small> <small>KANE SECURITY</small> <small>SCREENING BY KANE</small>		<small>INFORMATION SHOWN ON THIS DRAWING IS PROPRIETARY AND THE SOLE PROPERTY OF KANE INNOVATIONS CORPORATION, AND IS NOT TO BE REPRODUCED, DISCLOSED, OR TRANSMITTED TO OTHERS FOR ANY PURPOSE NOT AUTHORIZED BY KANE INNOVATIONS CORPORATION.</small>
<b>VAMC LEEDS</b> <b>LEEDS, MA</b> <b>BRIGAN, INC.</b>		<small>PROJECT NO.</small> <b>20546</b>
<small>DRAWN</small> <b>MRS</b>	<small>DATE</small> <b>07/12/16</b>	<small>SCALE</small> <b>6"=1'-0"</b>
<small>SHEET</small> <b>D1</b>		<small>REVISION LOG</small>

CONCEALED HINGE DETAIL  
HALF SCALE

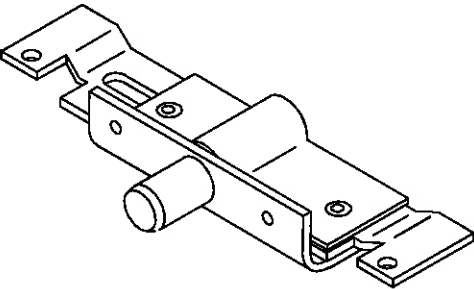


EXTERIOR

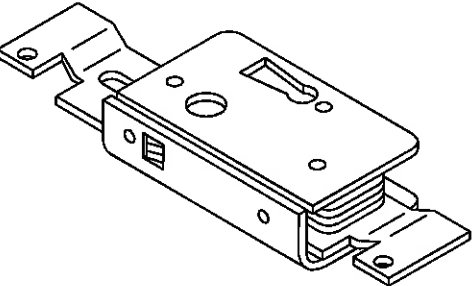
INTERIOR



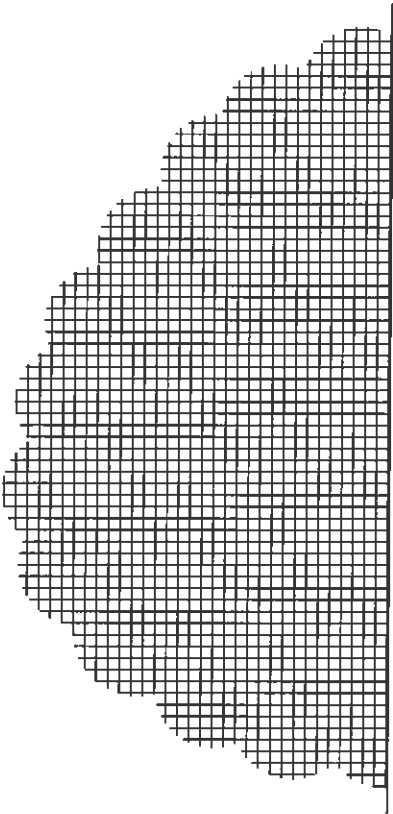
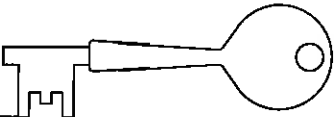
CONCEALED BOLT DETAIL  
HALF SCALE



CONCEALED LOCK DETAIL  
HALF SCALE



KEY DETAIL  
HALF SCALE



☒ - CHECK HERE IF KEYHOLE COVER IS REQUIRED

OPTIONAL KEY HOLE COVER PLATE DETAIL  
HALF SCALE

REVISION LOG		DESCRIPTION
REV	BY	DATE
1	NFP	07/14/16
REVISD PER RETURN MARK-UPS		
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.		
<b>KANE INNOVATIONS</b> GUARDIANS OF SAFE ENVIRONMENTS KANE SECURITY SCANNING BY KANE		
© 2016		
<b>VAMC LEEDS</b> LEEDS, MA		
<b>BRICAN, INC.</b>		
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 u/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 18-mesh to the inch from .019-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. Phillips 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 107N (Four tumblers) (Ergonomically designed with this option)~~
  - ~~Keyed bolt locks~~
- B. Optional Emergency Releases:
- ☐ Lift Quick™
  - ☐ Push Quick™ (Release which conforms to NFPA 101 (5-2.1.7.1))
  - ☐ 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.

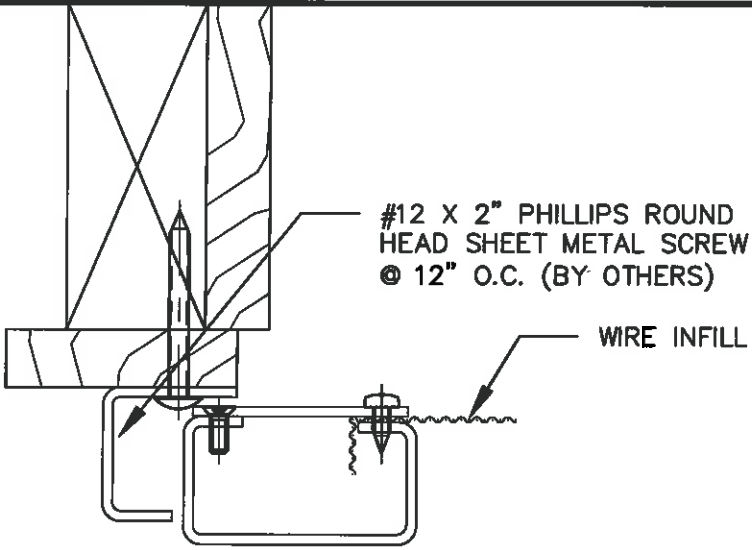
**3.02 Installation**

- 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.

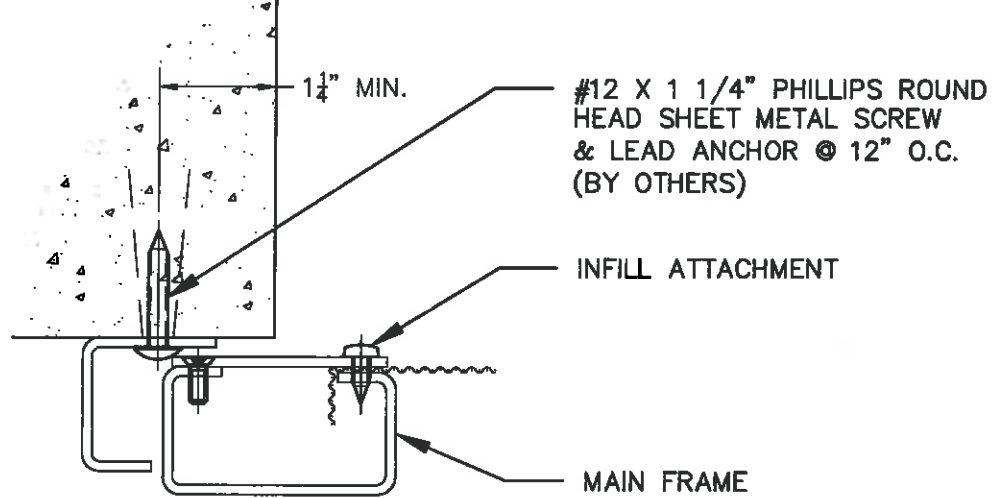
**PART 4 ENVIRONMENTAL REPORTING**

**4.01 LEED Materials and Resources**

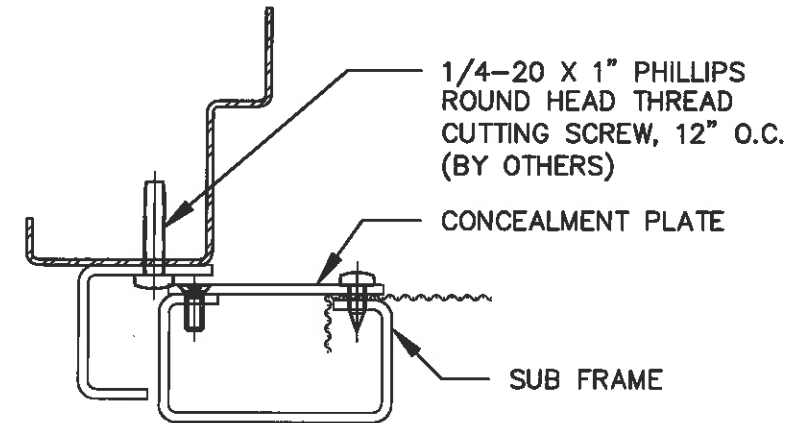
- A. Recycled Content: This product contributes toward satisfying Credit 4 under LEED.
- B. Regional Material - This product can contribute toward satisfying Credit 5 under LEED.



**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"

KANE INNOVATIONS GUARDIAN OF SAFE ENVIRONMENT KANE SECURITY OWNED BY KANE		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.	
REVISION LOG	DATE	BY	DESCRIPTION
1	07/14/16	NPP	REVISED PER RETURN MARK-UPS
PROJECT NO. 20546			
DRAWN MRS DATE 07/12/16			
SCALE 6"=1'-0"			
SHEET S1			