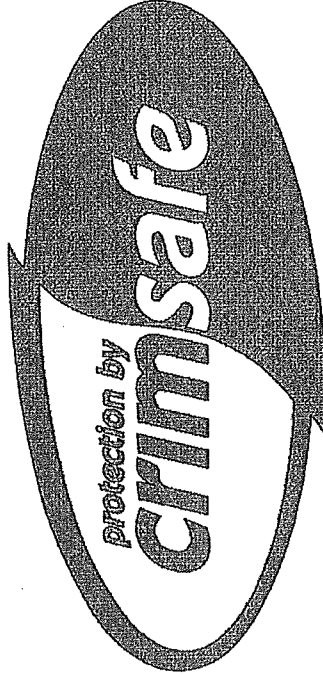


PATIO ENCLOSURE HURRICANE SCREEN

FLORIDA BUILDING CODE TESTING

BY



Architectural Testing

Test sample complies with these details.
Deviations are noted.

Report# 98894.02 - 401-44


Date 4-23-10 Tech JRM

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Manufacturer:  Crimsafe North America
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Product: PATIO ENCLOSURE HURRICANE SCREEN

Engineering:

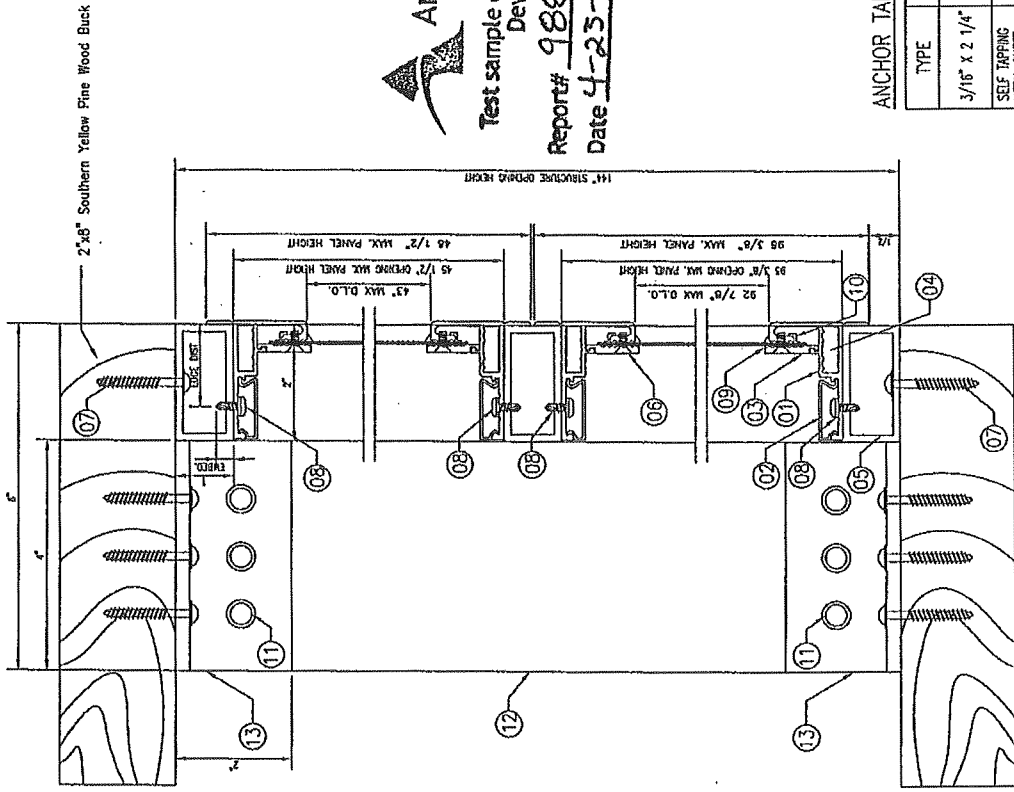
Rev. Description

Date: 25 March 2010
 Scale: NA
 Design by: CRIMSAFE

PRODUCT CONTROL DIVISION

Drawing Number
 MD-101-POE

Sheet
 2 of 8



01 VERTICAL CROSS SECTION
 02 SIDE FIX HURRICANE WINDOW

Architectural Testing

Test sample complies with these details.
 Deviations are noted.

Report# 98899.02-401-44
 Date 4-23-10 Tech JFH


ANCHOR TABLE:

TYPE	STRUCTURE	MIN EMBD.
3/16" x 2 1/4"	CONCRETE OR HOLLOW BLOCK WITH MIN EDGE DISTANCE 1 3/8"	1 3/4"
SELF TAPPING METAL SHEET SCREWS	ALUMINUM OR STEEL FRAMING WITH MIN EDGE DISTANCE 1 3/8"	5/16"
#10 x 1 1/2"	WOOD / FIBER WITH MIN EDGE DISTANCE 1 3/8"	1 1/4"

NOTE: INSTALLATION SHOWN IS FOR WOOD FRAME. CONCRETE, CMU AND ALUMINUM, STEEL TUBE AS SIMILAR.

ALL DIMENSION IN INCHES

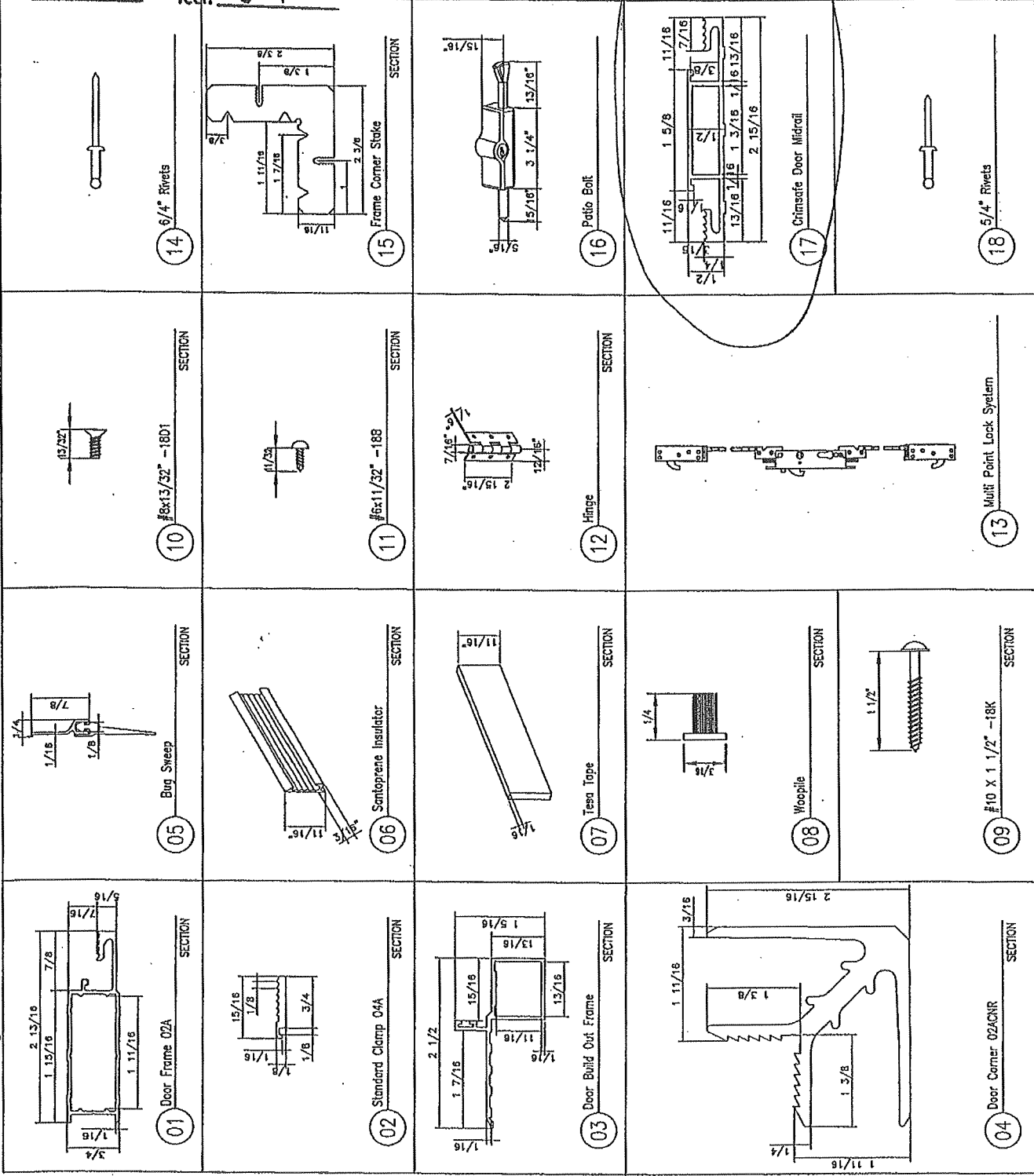
DRAWING PROVIDED AS A SUPPLEMENT TO SHOW DETAILS OF MID-RAIL USED IN SPECIMEN #4

 <p>Crimsafe North America PO Box 2440 Eaton Park FL 33840-2440 Phone: +1 863 510 0188 Fax: +1 863 665 0485</p>		<p>Product: HINGED DOOR HURRICANE SCREEN</p>	<p>Engineering:</p>
<p>Date: 24 April 2010 Scale: NA Design by: CRIMS SAFE</p>		<p>PRODUCT CONTROL DIVISION</p>	
<p>Drawing Number MD-301-STD</p>		<p>07 Sheet 08 04 of 05</p>	

Architectural Testing

Test sample complies with these...
Deviations are noted.

Report# 98899.02-401-44
Date 4-27-10 Tech JKH



ITEM 17
USED IN
SPECIMEN #4

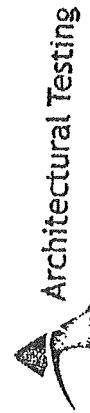
DRAWING PROVIDED AS A SUPPLEMENT TO SHOW DETAILS OF MID-RAIL USED IN SPECIMEN #4.

ANCHOR NOTES:

- ALLOWABLE ANCHORS SHALL BE AS LISTED IN APPROPRIATE ANCHOR SCHEDULE AND SPACED SHOWN ON SHEET 1 ELEVATIONS.
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. MINIMUM EMBEDMENT DEPTHS AND EDGE DISTANCES SHALL APPLY AS NOTED IN APPROPRIATE ANCHOR SCHEDULE.
- SYSTEM MAY BE INSTALLED TO CONCRETE, HOLLOW BLOCK, WOOD, STEEL OR AN APPROVED IMPACT RESISTANT ALUMINUM FRAME OF ALLOY 6063-T5 (MIN). FRAME SHALL BE INSTALLED PER RESPECTIVE APPROVAL DOCUMENTATION.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT PLYWOOD.
- WHERE WOOD SCREWS FASTEN TO NARROW FACE OF STUD FRAMING, FASTENER SHALL BE LOCATED IN CENTER OF NOMINAL (MIN) WOOD STUD (19mm). EDGE DISTANCE IS ACCEPTABLE FOR WOOD FRAMING) AND SHALL PENETRATE 1.5" MIN WOOD STUD SHALL BE "SOUTHERN PINE" G-055 OR GREATER DENSITY. WOOD SCREW SHALL HAVE PHILLIPS PAN HEAD OR HEX HEAD.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- ALL SCREWS TO ALUMINUM SHALL BE INSTALLED WITH FULL THREAD PENETRATION AND MINIMUM 0.5" EDGE DISTANCE TO APPROVED 6063-T5 (MIN) ALUMINUM FRAME (0.125" MIN THICKNESS).

BILL OF MATERIAL			
ITEM	DESCRIPTION	MATERIAL	QTY
01	Door Frame 02A	6063-T5	4
02	Standard Clamp 04A	6063-T5	6
03	Door Build Out Frame	6063-T5	4
04	Door Corner 02ACNR	6063-T5	4
05	Crimsafe Bug Seal and Retainer	6063-T5	1
06	Santoprene Insulator	Santoprene	4
07	Tesa Tape	-	4
08	Woolpile	-	4
09	#10 X 1 1/2" -18K	Stainless Steel	30
10	#8x13/32" -18D1	Stainless Steel	270
11	#6x11/32" -18B	Stainless Steel	11
12	Hinge	Steel	4
13	Multi Point Lock System	Steel	1
14	6/4" Rivets	Stainless Steel	27
15	Frame Corner Stake	6063-T5	2
16	Patio Bolt	Steel	2
17	Crimsafe Door Midrail	6063-T5	1
18	5/4" Rivets	Stainless Steel	32

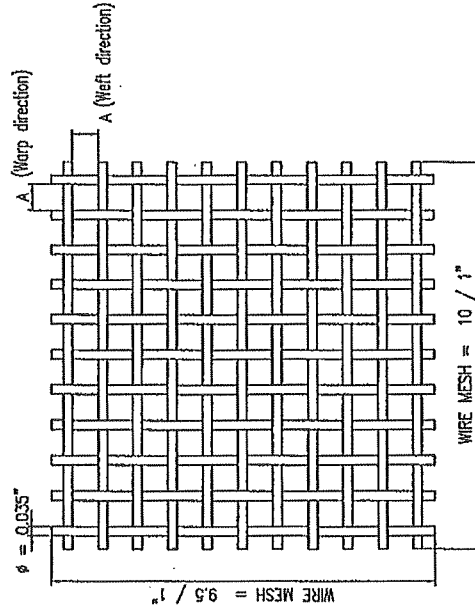
ITEM 17 IS MIDRAIL USED IN SPECIMEN #4.



Test sample complies with these details. Deviations are noted.

Report# 9889902-401-HH

Date 4-27-10 Tech JKH



SCREEN INFORMATION

ALL DIMENSION IN INCHES

Manufacturer:



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Product:
**HINGED DOOR
HURRICANE SCREEN**

Engineering:

Rev.	Rev. Description

Date: 24 April 10
Scale: NA
Design by: CRIMS SAFE

PRODUCT CONTROL DIVISION

Drawing Number
MD-301-STD

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