

HINGED DOOR HURRICANE SCREEN

TEXAS DEPARTMENT OF INSURANCE (TDI)

BY




Crimsafe North America LLC
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Robert L. Clark
1/10/12

Manufacturer:



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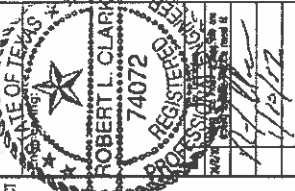
Product:

HINGED DOOR
 HURRICANE SCREEN

Date: 12 May 2011
Scale: NA
Design by: CRIMSAFE

Drawing Number:
 MD-301-STD

Sheet:
 01 of 08



TESTING PROTOCOLS WERE IN ACCORDANCE WITH TAS 201, TAS 202, TAS 203.

2. POSITIVE AND NEGATIVE DESIGN PRESSURES SHALL BE CALCULATED IN ACCORDANCE WITH THE GOVERNING CODE.

3. INSULATION OF ALL UNITS SHALL ALLOW FOR RESPECTIVE MINIMUM SEPARATION FROM GLAZING AS NOTED ON THIS PAGE. REF SECTION DETAILS FOR DESCRIPTION OF THIS DETAIL.

4. THE SYSTEM DETAIL HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS.

5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.

6. PERIMETER SQUARE TUBE MAY BE ANCHORED TO VERTICAL FACILITY (W/CE MOUNT) OF HOST STRUCTURE.

SYSTEM NOTES :

1. FRAME & PANEL CONSTRUCTION: EXTRUDED ALUMINUM FRAME COMPONENTS ARE WELDED AND SPOURED.
2. FRAME DOES CONTAIN MULTI POINT LOCK HARDWARE.
3. MESH CONSTRUCTION: STAINLESS STEEL GRADE MESH IS MADE UP OF .304 "HIGH TENSILE" STAINLESS STEEL WITH # 00057 STRANDS ARRANGED 10 STRANDS BY 10 STRANDS PER SQUARE INCH.
4. THE MESH IS ATTACHED ONTO THE MAIN FRAME BY A REMOVABLE ALUMINUM CLAMP WITH TAMPER RESISTANT SECURITY HEAD SCREW.

GENERAL NOTES :

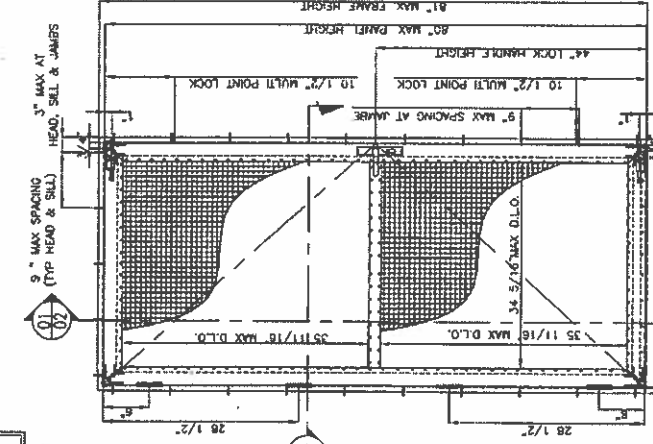
1. THE DOOR SCREEN SYSTEM DESCRIBED HEREIN HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2006 EDITIONS OF THE INTERNATIONAL BUILDING CODE (I.B.C.) AND THE INTERNATIONAL RESIDENTIAL CODE (I.R.C.) WITH THE 2006 TEXAS REVISION EFFECTIVE JANUARY 1, 2008.

MAXIMUM ALLOWABLE DESIGN PRESSURES:

+50.0 PSF

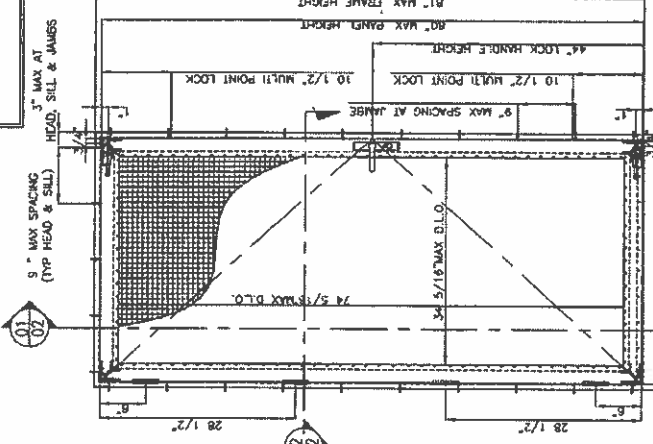
-50.0 PSF

HINGED DOOR HURRICANE SCREEN



01
01
SCALE

TYPICAL ELEVATION WITH MIDRAIL
EXTER ELEV




01
01
SCALE

TYPICAL ELEVATION WITH MIDRAIL
EXTER ELEV

ALL DIMENSION IN INCHES


Manufacturer:



Crimsafe North America
 PO Box 2448
 Ft. Lauderdale, FL 33304
 Phone: 1 888 516 0168
 Fax: 1 407 655 9485

Product:
 HINGED DOOR
 HURRICANE SCREEN

Engineer:



ROBERT L. CLARK
 74072

Date: 24 Sep 2010
 Scale: NA
 Design by: CRUISAFE

Drawing Number
 MD-301-STD

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TESTING PROTOCOLS WERE IN ACCORDANCE WITH TMS 201, TMS 202, TMS 203.

2. POSITIVE AND NEGATIVE DESIGN PRESSURES SHALL BE CALCULATED IN ACCORDANCE WITH THE GOVERNING CODE.

3. INSTALLATION OF ALL UNITS SHALL ALLOW FOR RESPECTIVE MINIMUM SEPARATION FROM GLAZING AS NOTED ON THIS PAGE. SEE SECTION DETAILS FOR DESCRIPTION OF THIS DETAIL.

4. THE SYSTEM DETAIL HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAIL HEREIN, A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS.

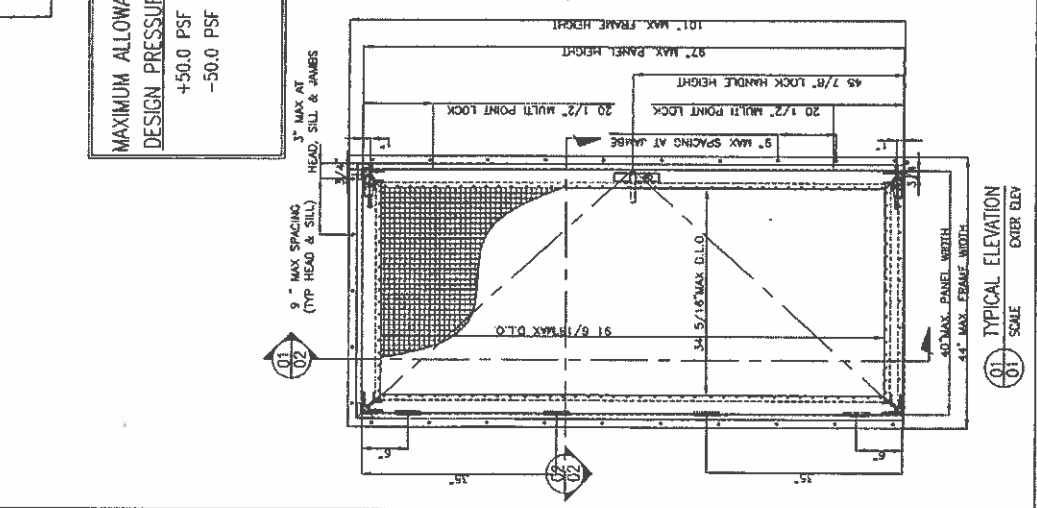
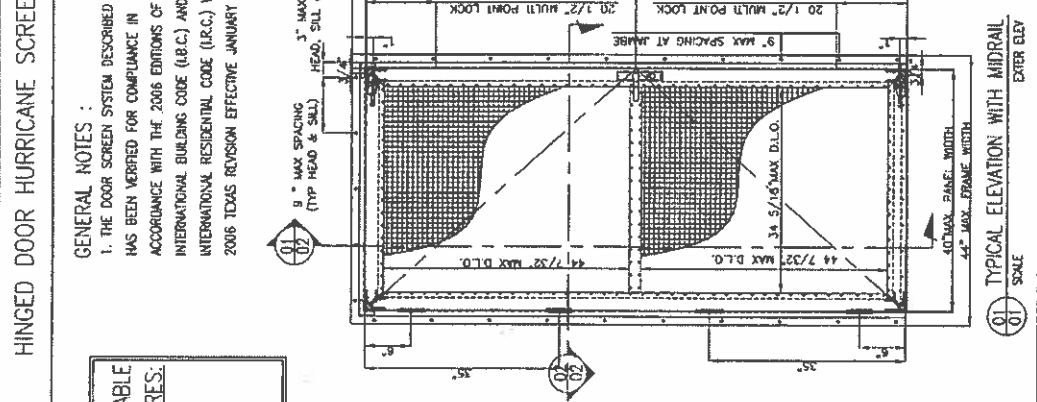
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.

6. PERIMETER SQUARE TUBE MAY BE ANCHORED TO VERTICAL FACE (FACE MOUNT) OF HOST STRUCTURE.

SYSTEM NOTES :

1. FRAME & PANEL CONSTRUCTION: EXTRUDED ALUMINUM FRAME CORNERS ARE WELDED AND SOURED.
2. FRAME DOES CONTAIN MULTI POINT LOCK HARDWARE.
3. MESH CONSTRUCTION: STAINLESS STEEL GRADE MESH IS MADE UP OF 304 "HIGH TENSILE" STAINLESS STEEL WITH # 0.037" STRANDS ARRANGED 10 STRANDS BY 10 STRANDS PER SQUARE INCH.
4. THE MESH REINFORCING IS DISCORDED IN SHEET 5.
5. THE MESH IS ATTACHED ONTO THE MAIN FRAME BY A REMOVABLE ALUMINUM CLAMP WITH TAMPER RESISTANT SECURITY HEAD SCREW.

ALL DIMENSION IN INCHES



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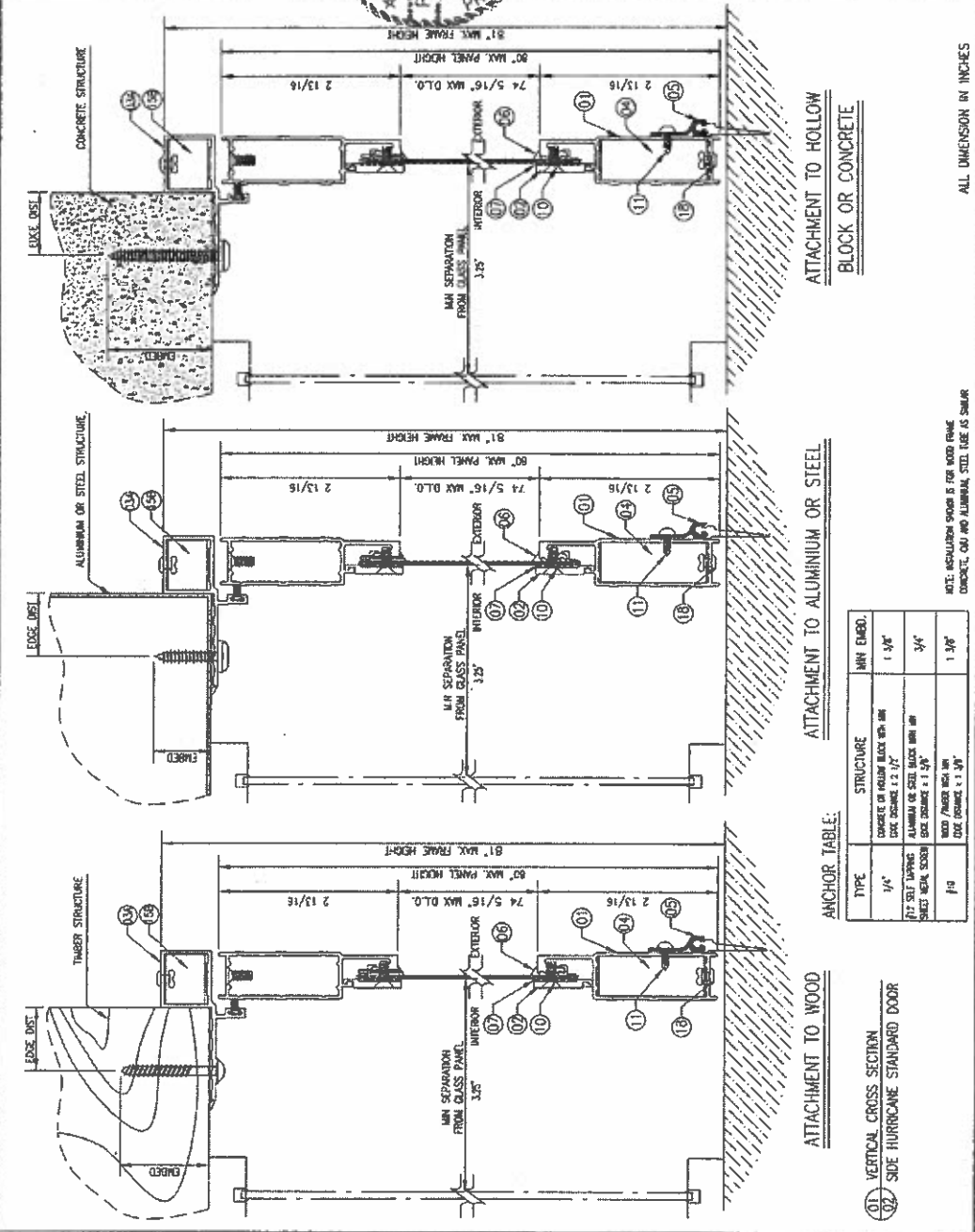
Product:
 HINGED DOOR
 HURRICANE SCREEN

5000 TEXAS
 ROBERT L. CLARK
 74072
 12/17

Date: 12 May 2011
 Scale: NA
 Design by: CRIMSAFE

Drawing Number
 MD-301-STD

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ANCHOR TABLE:

TYPE	STRUCTURE	MIN. EMBD.
1/4"	CONCRETE OR POLYMER BLOCK WITH BRG CODE DISTANCE 1.2 1/2"	1 3/4"
3/8"	ALUMINUM OR STEEL BLOCK WITH BRG CODE DISTANCE 1.1 5/8"	3/4"
1/2"	WOOD / FIBER WITH BRG CODE DISTANCE 1.1 3/4"	1 1/8"

01 VERTICAL CROSS SECTION
 02 SIDE HURRICANE STANDARD DOOR

NOTE: ANCHORAGE SPACING FOR WOOD FRAME
 CONCRETE, OR AN ALUMINUM, STEEL, FIBER IS SHOWN

ALL DIMENSION IN INCHES

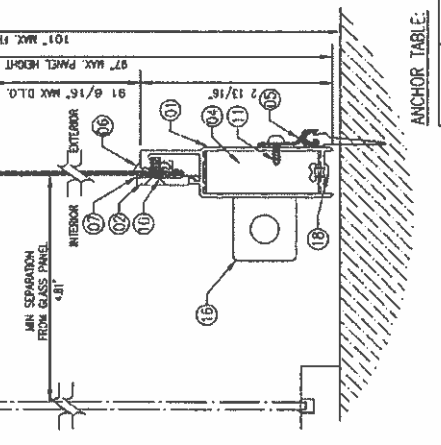
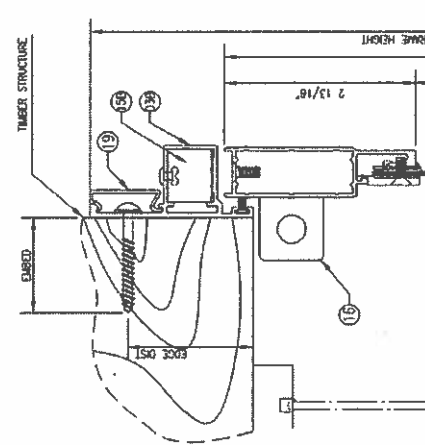
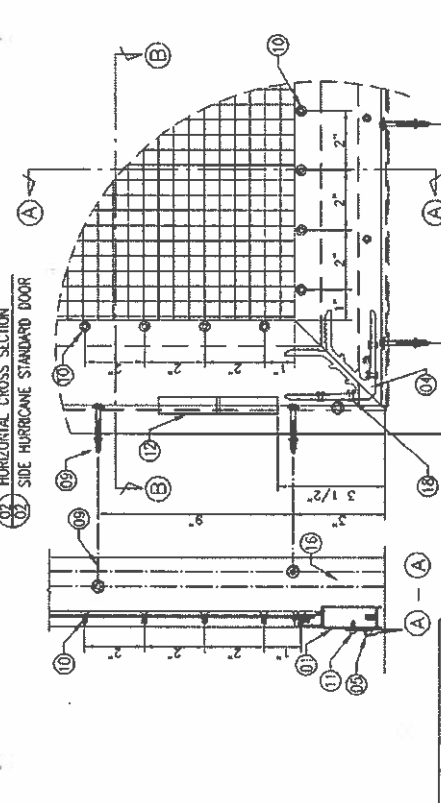
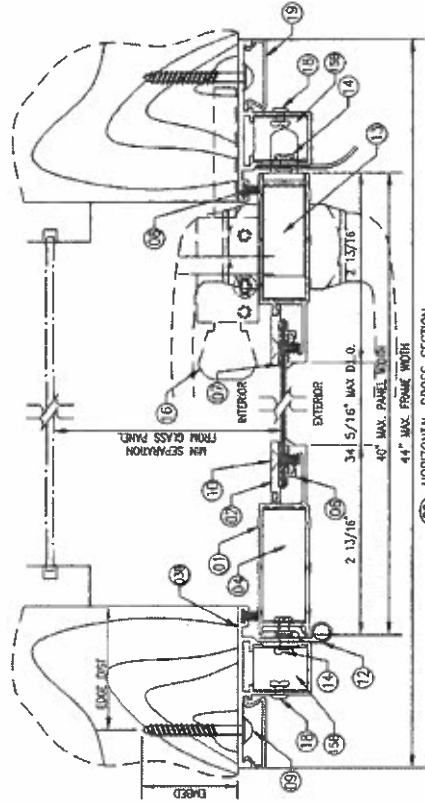
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Product:
**HINGED DOOR
 HURRICANE SCREEN**



Date: 12 May 2011
 Scale: NA
 Design by: CRMSAFE

Drawing Number
MD-301-STD
 Sheet
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ANCHOR TABLE:

TYPE	STRUCTURE	MIN. EMBED.
1/4"	CONCRETE OR MASONRY BLOCK WITH MIN. 2" REBAR	1 3/8"
1/2" SDR. W/REBAR	CONCRETE OR MASONRY BLOCK WITH MIN. 2" REBAR	3/4"
3/8" SDR. W/REBAR	CONCRETE OR MASONRY BLOCK WITH MIN. 2" REBAR	1 3/8"
#10	WOOD FRAMED WITH MIN. 2" REBAR	1 3/8"

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

01 VERTICAL CROSS SECTION
 02 SIDE HURRICANE STANDARD DOOR

ALL DIMENSIONS IN INCHES
 (A) - (B)



Crimsafe North America
 PO Box 2440 Eaton Park
 FL 33840-2440
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Product:
HINGED DOOR
HUBBARD SCREEN
STATE OF TEXAS
REGISTERED
ROBERT L. CLARK
74072

Date: 12 May 2011
 Scale: NA
 Design by: CRIMSAFE

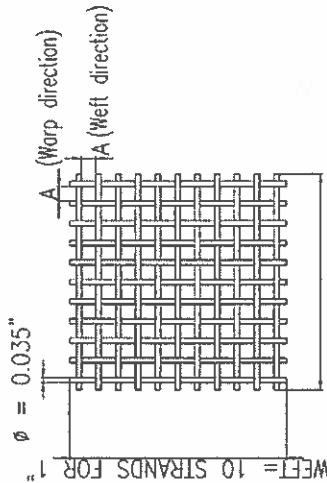
Drawing Number
 MD-301-STD

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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, MASONRY BLOCK, WOOD, STEEL OR AN APPROVED IMPACT RESISTANT ALUMINUM FRAME OF ALLOY 6063-T5 (AND) FRAME SHALL BE INSTALLED PER RESPECTIVE APPROVAL DOCUMENTATION.
- WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VENEY BAY FASTENERS ARE IN/O ADEQUATE WOOD FRAMING MEMBERS, NOT PLYWOOD.
- WHERE WOOD SCREENS FASTEN TO INNER FACE OF STUD FRAMING, FASTENER SHALL BE LOCATED IN CENTER OF NOMINAL (NA) WOOD STUD (FROM EDGE DISTANCE IS ACCEPTABLE FOR WOOD FRAMING) AND SHALL PENETRATE 1.5" IN WOOD STUD SHALL BE "SOUTHERN PINE" G-035 OR GREATER DENSITY, WOOD SCREEN 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 (AND) ALUMINUM FRAME (0.175" MIN THICKNESS).

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	3
04	Face Mount Door Buildout	6063-T5	3
05	Door Corner 02A/04R	6063-T5	4
06	Crimsafe Bug Seal and Retainer	6063-T5	1
07	Sonoloprene Insulator	Sonoloprene	4
08	Tesa Tape	-	4
09	ProDope	-	4
10	#10 X 1 1/2" -18K	Stainless Steel	30
11	#8x1 1/2" -1801	Stainless Steel	270
12	#8x3/8" -18E	Stainless Steel	11
13	Hinge	Steel	4
14	Multi Point Lock System	Steel	1
15	6/4" Rivets	Stainless Steel	27
16	Frame CornerSlate	6063-T5	2
17	Padlock Bolt	Steel	2
18	Crimsafe Door Matrail	6063-T5	1
19	5/4" Rivets	Stainless Steel	32
20	Cover-08B	6063-T5	3



SCREEN INFORMATION

ALL DIMENSION IN INCHES