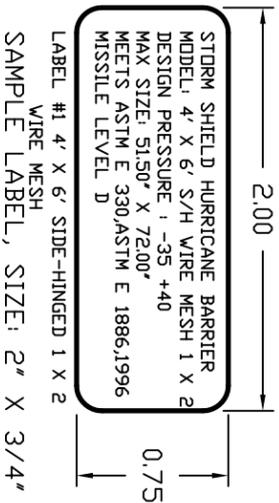


GENERAL NOTES

1. THIS PRODUCT IS DESIGNED AS A HURRICANE/SECURITY SHUTTER
2. THESE PRODUCTS SATISFY THE FOLLOWING TESTING CRITERIA FOR LARGE MISSILE IMPACTS AND WIND LOADS IN ACCORDANCE WITH THE FOLLOWING STANDARDS:  
 TAS 201-94, TAS 202-94, TAS 203-94  
 ASTM-E-1886  
 ASTM-E-1996 (MISSILE LEVEL D)  
 2006 INTERNATIONAL RESIDENTIAL BUILDING CODE  
 2006 INTERNATIONAL BUILDING CODE
3. THIS PRODUCT HAS BEEN TESTED TO THE FOLLOWING MISSILE LEVEL:  
 A 9 LB. 2 X 4 @ 50 FT/SEC.  
 A DESIGN PRESSURE RATING OF +40/-35 PSF.
4. EACH BARRIER SHALL HAVE A PERMANENT LABEL PLACED IN A VISIBLE LOCATION WITH THE FOLLOWING INFORMATION:



5. ALL ALUMINUM PARTS ARE MADE FROM 6063 T5 SERIES ALUMINUM. THE WIRE MESH PANELS SHALL BE 12 X 12 PATTERN STAINLESS STEEL, ALL PARTS SHALL BE SUPPLIED WITH A PROTECTIVE FINISH.
6. BARRIER CONSTRUCTION SHALL BE IN ACCORDANCE WITH DESIGNS AND METHODS SET FORTH BY THE MANUFACTURER CONTAINED HEREIN.
7. TO ENSURE PROPER OPERATION, INSTALLATION SHALL BE PERFORMED USING METHODS AND INSTRUCTIONS SET FORTH BY THE MANUFACTURER CONTAINED WITHIN THESE DRAWINGS.
8. UNITS MUST BE ATTACHED TO CONCRETE OR STRUCTURAL COMPONENTS OF THE BUILDING. OUTER WALL COVERINGS OR DECORATIVE ATTACHMENTS THAT ARE NOT PART OF THE BUILDING STRUCTURE ARE NOT SUITABLE FOR MOUNTING.

| DESIGN PRESSURE RATING |             |
|------------------------|-------------|
| POS. (PSF.)            | NEG. (PSF.) |
| +40                    | -35         |

DRAWING INDEX

- PAGE 1 OF 4 - GENERAL NOTES/INDEX  
 PAGE 2 OF 4 - 4' X 6' SIDE-HINGED 1 X 2, FACE MOUNT UNIT.  
 PAGE 3 OF 4 - SUBFRAME ASSEMBLY DETAILS  
 PAGE 4 OF 4 - COMPONENT/EXTRUSION DETAILS.

TITLE/CUSTOMER  
**STORM SHIELD WIRE MESH HURRICANE BARRIERS**  
 DRAWING INDEX/NOTES

SCALE: NTS  
 DATE: 8/22/12

DRAWN BY: JKUSH  
 REVISED 10/5/12  
 JA Reed Review

JOSEPH A. REED, PE  
 TX PE 100777  
 ARCHITECTURAL TESTING, INC  
 TX FIRM F-11869  
 130 DERRY CT.  
 YORR, PA 17406  
 (717) 764-7700  
 PRD. NO. A8655.02-122-34

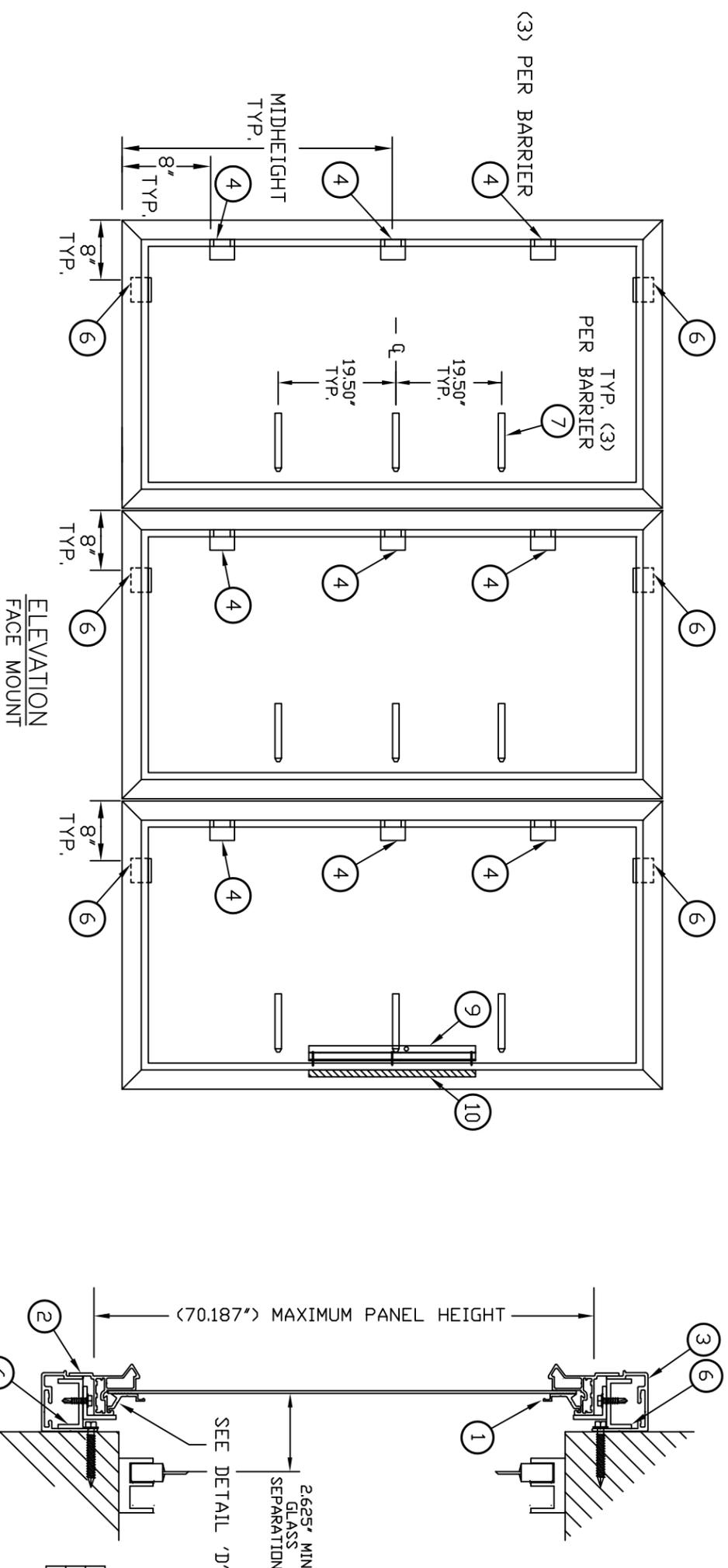
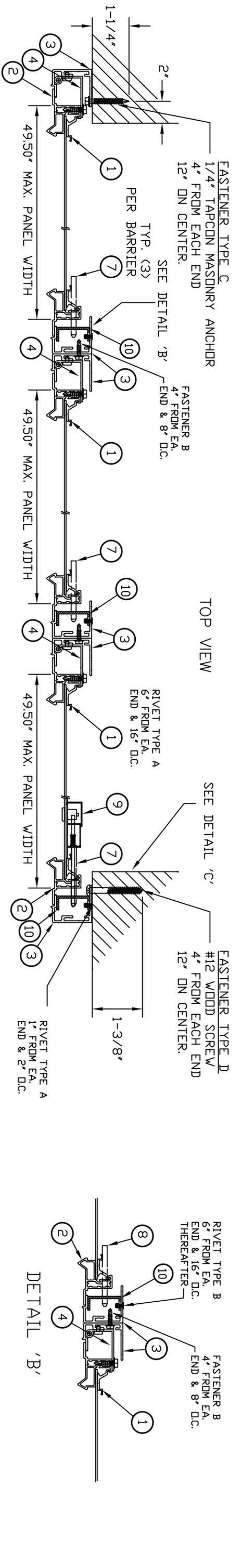
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 PRODUCT CONTROL CODE: T.D.I. COPY

www.stormshield.net

**STORM SHIELD** ARCHITECTURAL PRODUCTS

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DRAWING NO. TDB-1  
 PAGE 1 OF 4



ND MID HEIGHT TUBE REQUIRED

|           |                        |
|-----------|------------------------|
| MAT. TYPE | DESIGN PRESSURE RATING |
| WIRE MESH | PDS. (PSF.) +40        |
|           | NEG. (PSF.) -35        |

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YORK, PA 17406  
(717) 764-7700

NOTES:

- ITEM # 7 1/4" X 2.63" SECURING PIN (MIN); S/S THREE SECURING PINS ON SIDE OPPOSITE HINGE SIDE.
- FASTENER TYPE A: #10 X 5/8" SS TEK SCREW
- FASTENER TYPE B: #10 X 3/4" SS TEK SCREW
- FASTENER TYPE C: 1/4" X 1 3/4" ELCD TAPCON WITH 1.25" MINIMUM EMBEDMENT IN FILLED CELLS. FASTENERS SPACED 4" FROM EACH END AND 12" D.C. THEREAFTER.
- FASTENER TYPE D: #12 X 2" WOOD SCREW
- 4" FROM EACH END AND 12" D.C. THEREAFTER.
- UNITS LESS THAN 30" IN HEIGHT SHALL SPLIT VERTICAL SECURING PIN LOCATIONS AT THE QUARTER POINTS.
- UNITS CAN BE MOUNTED AS SINGLE BARRIER.

— RIVET TYPE A: 3/16 STAINLESS STEEL RIVET (1/16-1/8" GRIP RANGE)

— RIVET TYPE B: 3/16 ALUMINUM RIVET (1/8-1/4" GRIP RANGE)

TITLE/CUSTOMER  
DETAILS FOR STORM SHIELD WIRE MESH HURRICANE BARRIER  
4' X 6' SIDE HINGED (FACE MOUNT)

SCALE: NTS

DATE: 8/22/12

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NANTICOCKE, PA 18634

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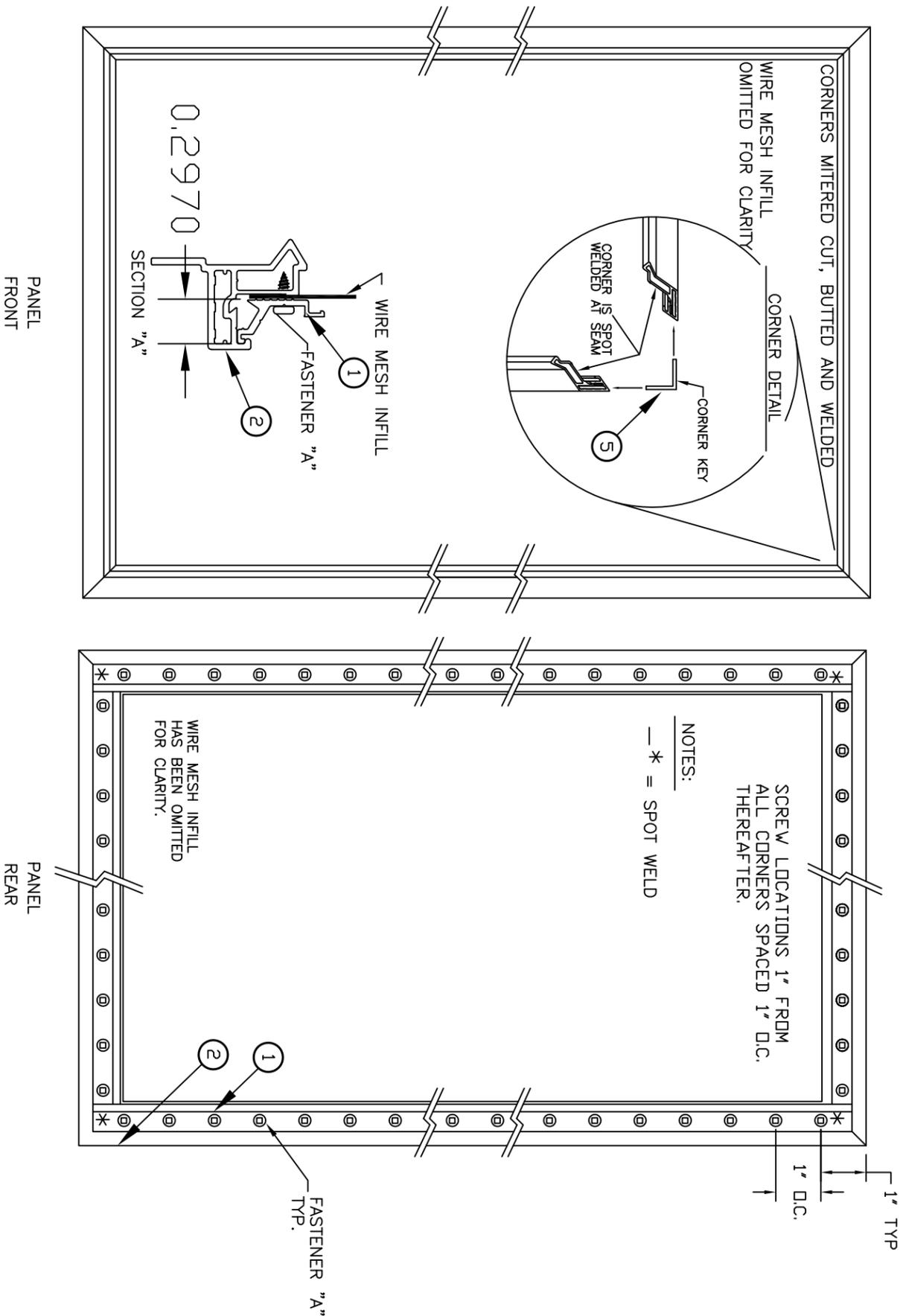
REVISED 10/5/12

JA Reed Review

DRAWING NO. TDB-2

PAGE 2 OF 4

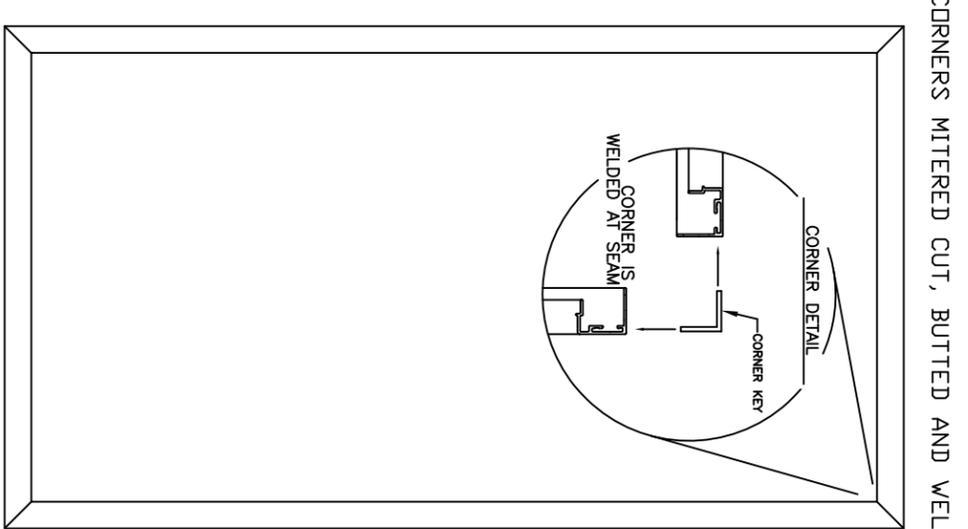
# HURRICANE BARRIER SUBFRAME ASSEMBLY DETAILS



PANEL  
FRONT

PANEL  
REAR

# 1 X 2 OUTER FRAME ASSEMBLY DETAILS



CORNERS MITERED CUT, BUTTED AND WELDED

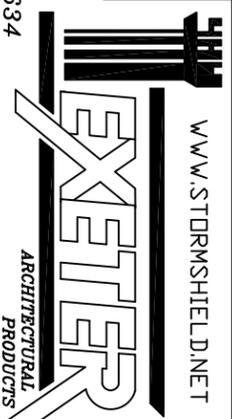
TITLE/CUSTOMER

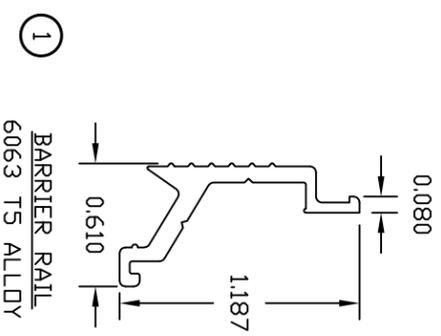
WIRE MESH HURRICANE BARRIER  
SUBFRAME ASSEMBLY DETAILS

|                                       |         |                                    |         |
|---------------------------------------|---------|------------------------------------|---------|
| SCALE:                                | NTS     | DRAWN BY:                          | JKUSH   |
| DATE:                                 | 8/22/12 | REVISED                            | 10/5/12 |
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| PRODUCT CONTROL CODE:<br>T.D.I. COPY  |         | DRAWING NO. TDB-3                  |         |
| WWW.STORMSHIELD.NET                   |         | JA Reed Review                     |         |

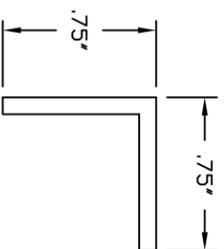
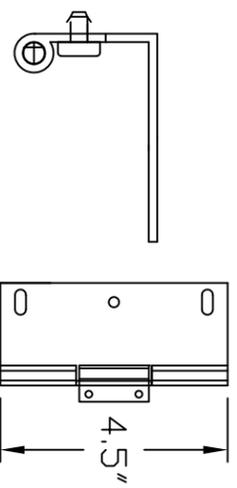
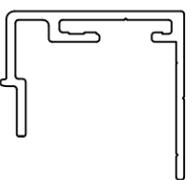
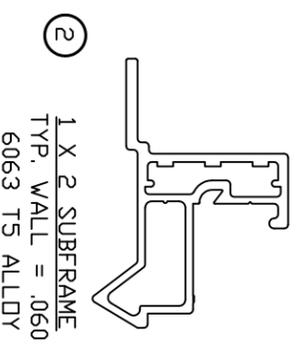
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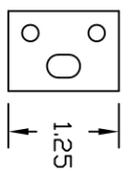
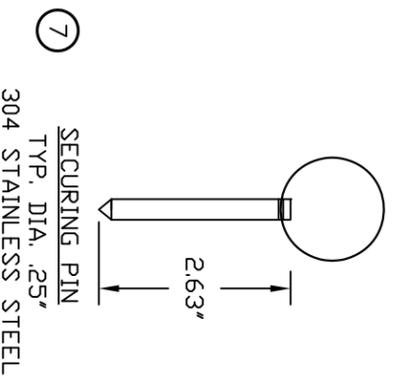
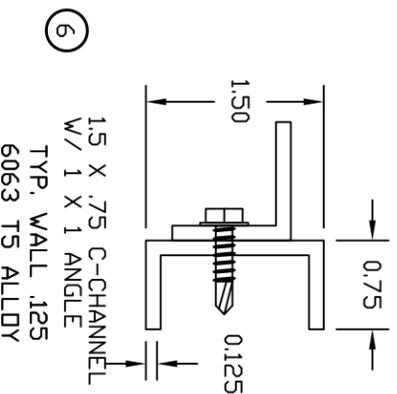




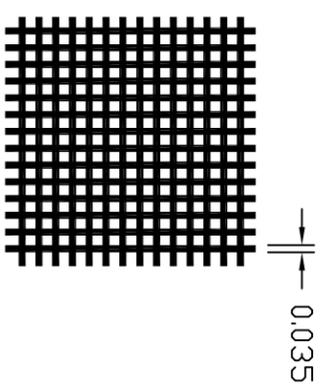
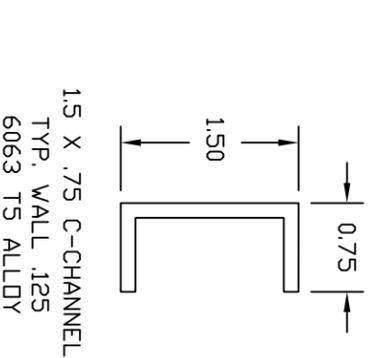
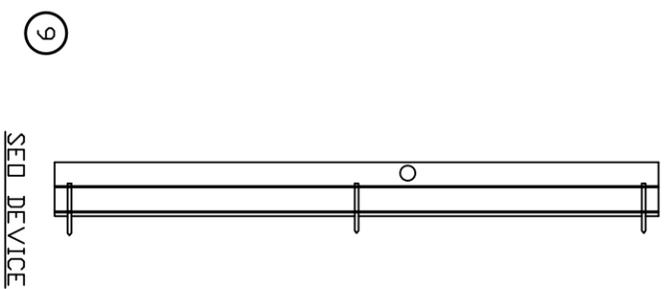
① BARRIER RAIL  
6063 T5 ALLOY



⑤ CORNER KEY  
TYP. WALL = .095  
6063 T5 ALLOY  
(INTERNAL PART)



⑧ PIN REINFORCEMENT  
TYP. THK. .079  
304 STAINLESS STEEL  
"PIN LOCATOR"



WIRE MESH PATTERN:  
12 X 12 MESH .035 WIRE  
FULL SCALE

MATERIAL:  
.035" (NOMINAL THICKNESS)  
304 STAINLESS STEEL  
WOVEN WIRE  
FINISHED WITH POLYESTER  
POWDER COAT.

WITH THESE MIN. REQUIREMENTS  
- TENSILE STRENGTH - 780-880N/mm<sup>2</sup>  
- ELONGATION - >=38%  
FINISHED WITH WEATHER  
RESISTANT, HIGH PERFORMANCE  
ELECTRO-STATIC APPLIED  
COATING.

TITLE/CUSTOMER  
TYPICAL EXTRUSION DETAILS FOR WIRE MESH STORM SHIELD

|   |                   |
|---|-------------------|
| SCALE: NTS  | DRAWN BY: JKUSH   |
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|   |                   |
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| PAGE 4 OF 4   |                   |

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