

GENERAL NOTES:

1. GPP FABRIC SHUTTER – SERIES 2000 SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE **2026 (9th EDITION)** OF THE FLORIDA BUILDING CODE. THIS PRODUCT SHALL NOT BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (MIAMI-DADE / BROWARD COUNTIES).
- DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION **1609** OF THE ABOVE MENTIONED CODE, FOR A WIND SPEED AS REQUIRED BY THE JURISDICTION WHERE THESE SHUTTERS WILL BE INSTALLED AND FOR A DIRECTIONALITY FACTOR  $K_d=0.85$ . USING **ASCE 7-22** AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTES 1 & 4.
- IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER **ASCE 7-22** SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D) DESIGN PRESSURE RATINGS INDICATED ON NOTES 1 & 4.
- IN ORDER TO VERIFY THAT COMPONENTS AND ANCHORS ON THIS P.E.D. AS TESTED WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS.

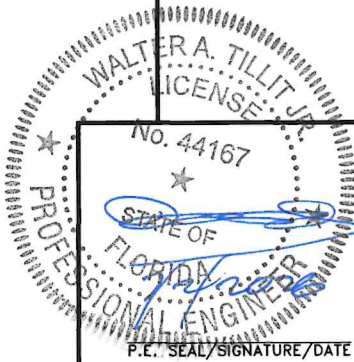
**MAXIMUM A.S.D. DESIGN PRESSURE RATING, MAXIMUM PANEL SPAN & MINIMUM SEPARATION TO GLASS SHALL BE AS INDICATED ON SCHEDULES #1 & #2 ON SHEET 13.**

- PRODUCT'S ADEQUACY FOR IMPACT AND WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER AMERICAN TESTING LAB OF SOUTH FLORIDA. REPORTS #0904.01-09 & 0805.01-20 AS PER ASTM E 1886, E 1996 AND TAS 201, 202 & 203 PROTOCOLS RESPECTIVELY AND E 330 STANDARDS, QUALIFYING INSTALLATIONS FOR WIND ZONES 1, 2, 3 & 4, MISSILE TYPE D, APPLICABLE TO BASIC PROTECTION FOR INSTALLATIONS AT NON ESSENTIAL FACILITIES AS DEFINED BY ASTM E 1996.
2. ALL COMPONENTS TO BE AS PER DETAILS AND BILL OF MATERIALS ON SHEETS 2 & 3.
3. FABRIC MADE FROM HIGH DENSITY POLYETHYLENE TAPES, COATED ON (2) SIDES WITH LOW DENSITY POLYETHYLENE AND LAMINATED TOGETHER WITH (3) LOW DENSITY POLYETHYLENE, MODEL X719N1N1, MANUFACTURED BY FABRENE INC., 240 DUPONT RD. P.O. BOX 4040 NORTH BAY, ON, CANADA P1B 8Z4.
- SHALL HAVE THE FOLLOWING PROPERTIES:

| PROPERTIES                                                    | RESULT                                       | TEST METHOD    |
|---------------------------------------------------------------|----------------------------------------------|----------------|
| (1) UNIT WEIGHT:                                              | 30.4 oz/yd?                                  | ASTM D3776     |
| (2) WARP CONSTRUCTION:                                        | 16 TAPES/in WARP<br>27.9 TAPES/in WEFT       | ASTM D3775     |
| (3) TENSILE MAXIMUM STRENGTH:                                 | 14.8 psi (VERTICAL)<br>11.4 psi (HORIZONTAL) | ASTM D751      |
| (4) COATING:                                                  | 0.9 mil NATURAL                              | ASTM D1777 MOD |
| (5) SELF IGNITION TEMPERATURE:<br>FLASH IGNITION TEMPERATURE: | 380°C<br>390°C                               | ASTM D1929     |
| (6) RATE OF BURN:                                             | 25mm/min, CLASS CC2                          | ASTM D635      |
| (7) AVERAGE SMOKE DENSITY RATING:                             | 2.2                                          | ASTM D2843     |

4. MAXIMUM ANCHORS SPACING & ANCHOR SPECS SHALL BE AS PER SCHEDULES #3 & #3A ON SHEETS 2, 14, 14A & 15, ANCHORS TO COMPLY W/ SECTIONS 2411.3.3.4 & 1711 OF THE FLORIDA BUILDING CODE.

5. PRODUCT MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION DETAILS SHOWN ON SECTIONS A, B, C, D, F & F' ON SHEETS 5 THRU 8.
6. THIS PRODUCT SHALL BE ONLY INSTALLED WHEN A HURRICANE WARNING IS ISSUED AND SHALL BE IMMEDIATELY REMOVED AFTER THOSE CONDITIONS ARE OVER. FABRIC SHALL BE STORED IN A PLACE NOT EXPOSED TO THE WEATHER AND SHALL BE PROPERLY MAINTAINED, PER MANUFACTURER'S RECOMMENDATIONS.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE PRODUCT IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. THIS PRODUCT SHALL ONLY BE ATTACHED TO POURED CONCRETE, GROUT FILLED BLOCK, HOLLOW BLOCK, WOOD AND STEEL FRAME BUILDINGS WITH LIMITATIONS INDICATED ON THIS DRAWING.
8. THE INSTALLATION CONTRACTOR IS TO SEAL/CAULK ALL PRODUCT COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING TO PREVENT WIND/RAIN INTRUSION. INSTALLATION AND DRIVING OF FASTENERS AND SLEEVES (AS APPLICABLE) INTO EXISTING STRUCTURE'S FINISH SHALL BE CAREFULLY PERFORMED IN SUCH A WAY THAT FINISH AROUND FASTENERS IS NOT DAMAGED. SIDEWALK BOLTS (SCREWS OR RODS) SHALL BE LEFT AT ALL CORRESPONDING ANCHOR'S LOCATION.
9. PRODUCT'S INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.
10. (a) THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS P.E.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- (e) THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
11. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABELING TO COMPLY WITH SECTION 1709.9.2 OF THE FLORIDA BUILDING CODE.



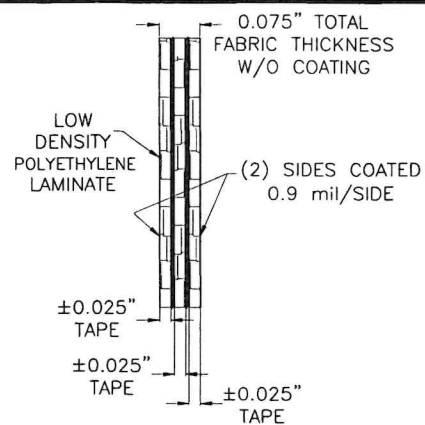
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**TILTECO inc.**

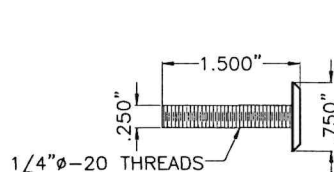
**TILLIT TESTING & ENGINEERING COMPANY**  
6355 N.W. 36th St., Ste. 305 - VIRGINIA GARDENS, FL 33166  
Phone : (305) 871-1530 , Fax : (305) 871-1531  
e-mail: tilteco@aol.com  
CA-0006719  
WALTER A. TILLIT Jr., P.E.  
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

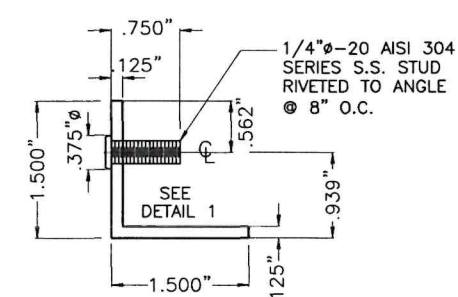
|                                                                                     |             |         |       |                  |      |
|-------------------------------------------------------------------------------------|-------------|---------|-------|------------------|------|
| GPP FABRIC SHUTTER – SERIES 2000                                                    |             |         |       | W.H.<br>DRAWN BY |      |
| GLOBAL PROTECTION PRODUCTS, LLC.                                                    |             |         |       | 06/25/2026       |      |
| 4800 S.W. 51 STREET<br>DAVIE, FL. 33314<br>PHONE: (954)689-7545, FAX: (954)689-8797 |             |         |       | 26-071           |      |
| REV #                                                                               | DESCRIPTION | DATE    | REV # | DESCRIPTION      | DATE |
| 1                                                                                   | OLD 23-195  | 6/25/28 | 3     |                  |      |
| 2                                                                                   |             |         | 4     |                  |      |
|                                                                                     |             |         |       | SHEET 1 OF 15    |      |



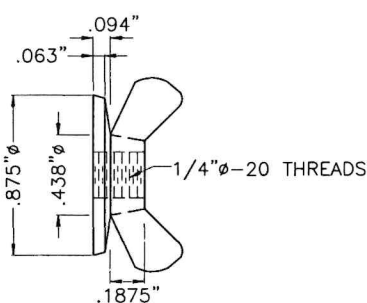
**A** COATED POLYETHYLENE FABRIC:  
(SEE SHEET 2 FOR END DETAILS WITH HEMMED EDGES)  
N.T.S.



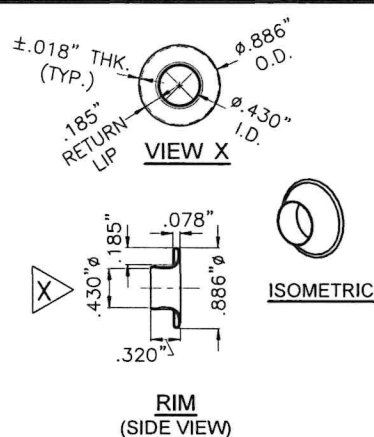
**C** 1/4"Ø-20x1 1/2" SIDE WALK BOLT  
(AISI 304 SERIES STAINLESS STEEL)  
SCALE: 1/2" = 1"



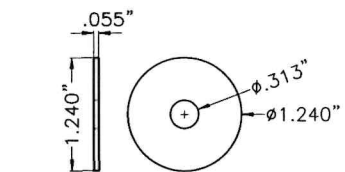
**F** ANGLE WITH STUD  
(6063-T6 ALLOY)  
SCALE: 1/2" = 1"



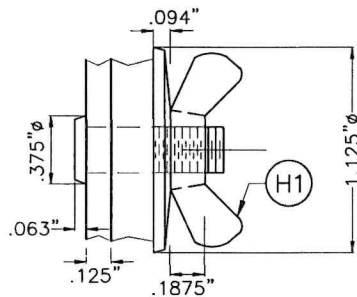
**H** 7/8"Ø WASHERED WINGNUT  
W/ 1/4"Ø-20 THREADS  
(ZAMAC NICKEL PLATED)  
SCALE: 1/2" = 1"



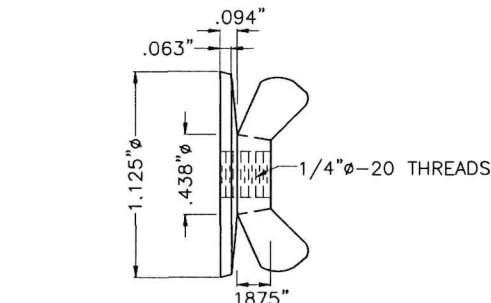
**B** ROLLED GROMMET  
SCALE: 1/2" = 1"



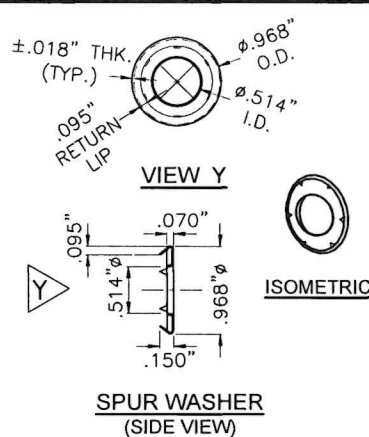
**D** FENDER WASHER  
(AISI 304 SERIES STAINLESS STEEL)  
SCALE: 1/2" = 1"



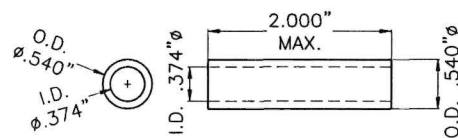
**H1** DETAIL 1:  
STUD W/ WINGNUT (H1)  
N.T.S.



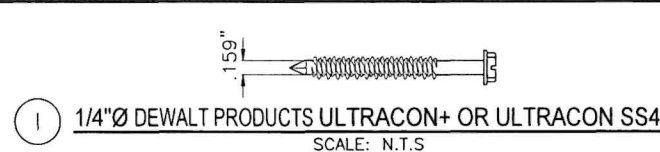
**H1** 1 1/8"Ø WASHERED WINGNUT  
W/ 1/4"Ø-20 THREADS  
(ZAMAC NICKEL PLATED)  
SCALE: 1/2" = 1"



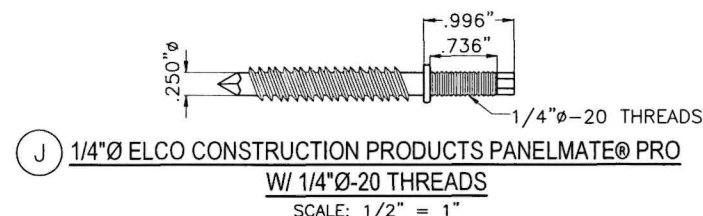
**E** SAFETY NUT  
(AISI 304 SERIES STAINLESS STEEL)  
SCALE: 1/2" = 1"



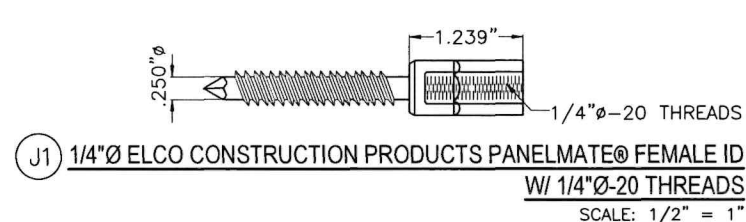
**G** ALUMINUM SLEEVE  
(6063-T6 ALLOY)  
SCALE: 1/2" = 1"



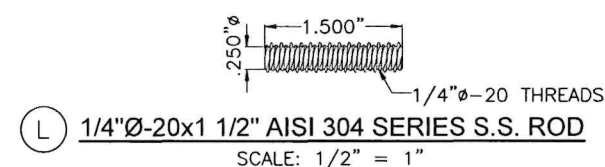
**I** 1/4"Ø DEWALT PRODUCTS ULTRACON+ OR ULTRACON SS4  
SCALE: N.T.S.



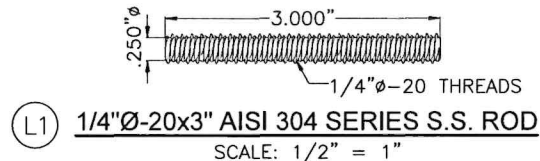
**J** 1/4"Ø ELCO CONSTRUCTION PRODUCTS PANELMATE® PRO  
W/ 1/4"Ø-20 THREADS  
SCALE: 1/2" = 1"



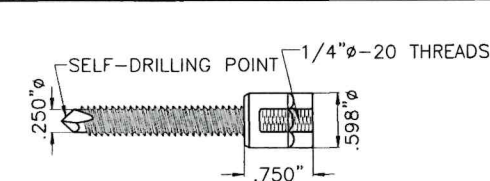
**J1** 1/4"Ø ELCO CONSTRUCTION PRODUCTS PANELMATE® FEMALE ID  
W/ 1/4"Ø-20 THREADS  
SCALE: 1/2" = 1"



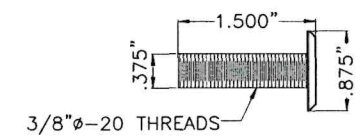
**L** 1/4"Ø-20x1 1/2" AISI 304 SERIES S.S. ROD  
SCALE: 1/2" = 1"



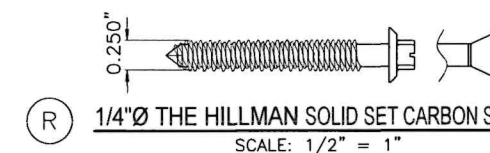
**L1** 1/4"Ø-20x3" AISI 304 SERIES S.S. ROD  
SCALE: 1/2" = 1"



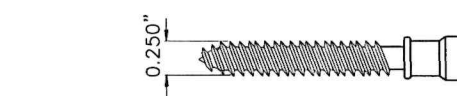
**M1** 1/4"Ø-10 ELCO CONSTRUCTION PRODUCTS HANGERMATE®  
W/ 1/4"Ø-20 THREADS (EZG910 ANCHOR)  
CARBON STEEL (AISI C10B21) CASE HARDENED AND TEMPERED  
SCALE: 1/2" = 1"



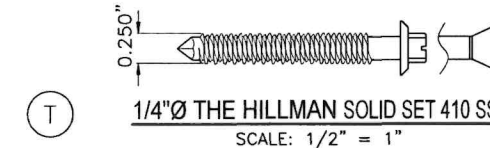
**Q** 3/8"Ø-20x1 1/2" SIDE WALK BOLT  
(AISI 304 SERIES STAINLESS STEEL)  
SCALE: 1/2" = 1"



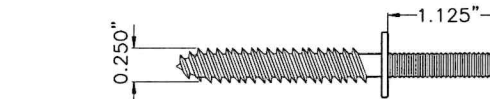
**R** 1/4"Ø THE HILLMAN SOLID SET CARBON STEEL  
SCALE: 1/2" = 1"



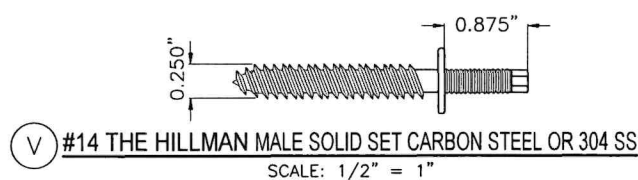
**S** #14 THE HILLMAN FEMALE SOLID SET CARBON STEEL  
SCALE: 1/2" = 1"



**T** 1/4"Ø THE HILLMAN SOLID SET 410 SS.  
SCALE: 1/2" = 1"

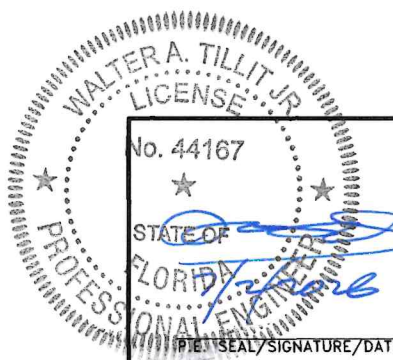


**U** #14 THE HILLMAN MALE SOLID SET CARBON STEEL  
SCALE: 1/2" = 1"



**V** #14 THE HILLMAN MALE SOLID SET CARBON STEEL OR 304 SS  
SCALE: 1/2" = 1"

## COMPONENTS



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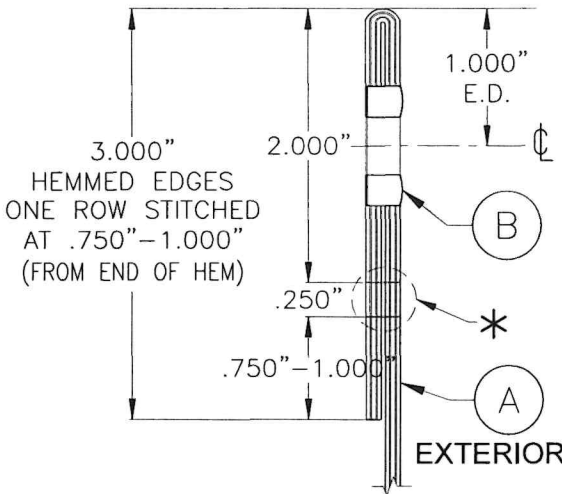
**TILTECO INC.**

TILLIT TESTING & ENGINEERING COMPANY  
6355 N.W. 36th St., Ste. 305 - VIRGINIA GARDENS, FL 33166  
Phone : (305) 871-1530 , Fax : (305) 871-1531  
e-mail: tilteco@aol.com  
CA-0006719  
WALTER A. TILLIT Jr., P.E.  
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

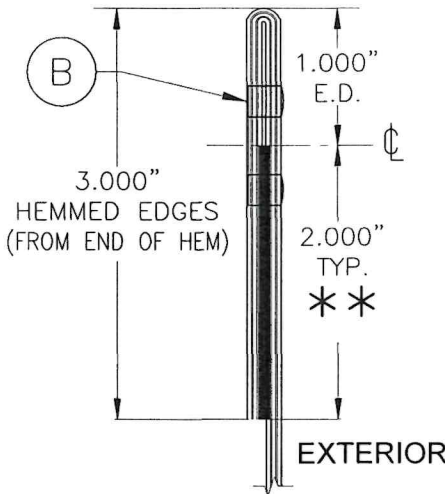
| GPP FABRIC SHUTTER - SERIES 2000                                                      |             |         |         | W.H. DRAWN BY |      |
|---------------------------------------------------------------------------------------|-------------|---------|---------|---------------|------|
| GLOBAL PROTECTION PRODUCTS, LLC.                                                      |             |         |         | 06/25/2026    |      |
| 4800 S.W. 51 STREET<br>DAVIE, FL. 33314<br>PHONE: (954) 689-7545, FAX: (954) 689-8797 |             |         |         | 26-071        |      |
| REV. N°                                                                               | DESCRIPTION | DATE    | REV. N° | DESCRIPTION   | DATE |
| 1                                                                                     | OLD 23-195  | 6/25/26 | 3       |               |      |
| 2                                                                                     |             |         | 4       |               |      |

| BILL OF MATERIALS |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ITEM No.          | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                    |
| (A)               | 3-PLY FABRIC: MADE FROM HIGH DENSITY POLYETHYLENE TAPES, COATED ON (2) SIDES WITH LOW DENSITY POLYETHYLENE AND LAMINATED TOGETHER WITH (3) LOW DENSITY POLYETHYLENE, PER FABRENE INC. MODEL X719N1N1 W/ 3.00"-3.25" HEMMED EDGES AT TOP & BOTTOM ENDS, PER DETAILS X & X' ON THIS SHEET.<br>(A) IS ALWAYS ONE ENTIRE PIECE, EXCEPT WHERE OVERLAPS ARE ALLOWED. |
| (B)               | ROLLED RIM GROMMET (RRG#2/45-00992) WITH SPUR WASHER (RRG#2/45-00882) HEAVY-DUTY BRASS W/ 1" E.D. IN RESPECT TO FABRIC                                                                                                                                                                                                                                         |
| (C)               | 1/4"Ø-20x1 1/2" SIDE WALK BOLT (AISI 304 SERIES STAINLESS STEEL)                                                                                                                                                                                                                                                                                               |
| (D)               | FENDER WASHER (AISI 304 SERIES STAINLESS STEEL)                                                                                                                                                                                                                                                                                                                |
| (E)               | SAFETY NUT W/ 1/4"Ø-20 THREADS (AISI 304 SERIES STAINLESS STEEL)                                                                                                                                                                                                                                                                                               |
| (F)               | 1 1/2"x1 1/2"x1/8" EXTRUDED 6063-T6 ALUMINUM ALLOY ANGLE W/ STUDS @ 8" o.c.                                                                                                                                                                                                                                                                                    |
| (G)               | ALUMINUM SLEEVE (6063-T5 ALUMINUM ALLOY)                                                                                                                                                                                                                                                                                                                       |
| (H)               | 7/8"Øx3 3/132" WASHERED WINGNUT W/ 1/4"Ø-20 THREADS (ZAMAC NICKEL PLATED)                                                                                                                                                                                                                                                                                      |
| (H1)              | 1 1/8"Øx3 3/132" WASHERED WINGNUT W/ 1/4"Ø-20 THREADS (ZAMAC NICKEL PLATED)                                                                                                                                                                                                                                                                                    |
| (I)               | 1/4"Ø ELCO CONSTRUCTION PRODUCTS ULTRACON ANCHOR                                                                                                                                                                                                                                                                                                               |
| (I1)              | 5/16"Ø ELCO CONSTRUCTION PRODUCTS ULTRACON ANCHOR                                                                                                                                                                                                                                                                                                              |
| (I2)              | 5/16"Ø ELCO CONSTRUCTION PRODUCTS ULTRACON ANCHOR W/ 1" THREADED PENETRATION                                                                                                                                                                                                                                                                                   |
| (I3)              | 5/16"Ø ELCO CONSTRUCTION PRODUCTS ULTRACON ANCHOR W/ 2" THREADED PENETRATION                                                                                                                                                                                                                                                                                   |
| (J)               | 1/4"Ø ELCO CONSTRUCTION PRODUCTS PANELMATE® PRO W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                            |
| (J1)              | 1/4"Ø ELCO CONSTRUCTION PRODUCTS PANELMATE® FEMALE ID W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                      |
| (K)               | 1/4"Øx3/4" ALL POINT SOLID-SET ANCHOR W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                                      |
| (K1)              | 1/2"Ø ELCO CONSTRUCTION PRODUCTS PANELMATE® L INSERT W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                       |
| (L)               | 1/4"Ø-20 x1 1/2" AISI 304 SERIES S.S. ROD W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                                  |
| (L1)              | 1/4"Ø-20 x3" AISI 304 SERIES S.S. ROD W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                                      |
| (M)               | 5/16"Ø ELCO CONSTRUCTION PRODUCTS HANGERMAE® W/ 1/4"Ø-20 THREADS (EZG365 ANCHOR, GIMLET POINT) CARBON STEEL (AISI C10B21) CASE HARDENED AND TEMPERED                                                                                                                                                                                                           |
| (M1)              | 1/4"Ø-10 ELCO CONSTRUCTION PRODUCTS HANGERMAE® W/ 1/4"Ø-20 THREADS (EZG910 ANCHOR, SELF-DRILLING POINT) CARBON STEEL (AISI C10B21) CASE HARDENED AND TEMPERED                                                                                                                                                                                                  |
| (N)               | 1/4"Ø ELCO CONSTRUCTION PRODUCTS FAB-LOK HD W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                                |
| (O)               | 3/8"Ø ELCO CONSTRUCTION PRODUCTS MODIFIED CONPLEX W/ 1/4"Ø-20 THREADS                                                                                                                                                                                                                                                                                          |
| (P)               | 1/2"Øx1 9/16" POWER ANCHOR W/ 3/8"Ø-20 THREADS                                                                                                                                                                                                                                                                                                                 |
| (Q)               | 3/8"Ø-20x1 1/2" SIDE WALK BOLT (AISI 304 SERIES STAINLESS STEEL)                                                                                                                                                                                                                                                                                               |
| (R)               | 1/4"Ø THE HILLMAN SOLID SET CARBON STEEL                                                                                                                                                                                                                                                                                                                       |
| (S)               | #14 THE HILLMAN FEMALE SOLID SET CARBON STEEL                                                                                                                                                                                                                                                                                                                  |
| (T)               | 1/4"Ø THE HILLMAN SOLID SET 410 SS.                                                                                                                                                                                                                                                                                                                            |
| (U)               | #14 THE HILLMAN MALE SOLID SET CARBON STEEL                                                                                                                                                                                                                                                                                                                    |
| (V)               | #14 THE HILLMAN MALE SOLID SET CARBON STEEL OR 304 SS                                                                                                                                                                                                                                                                                                          |



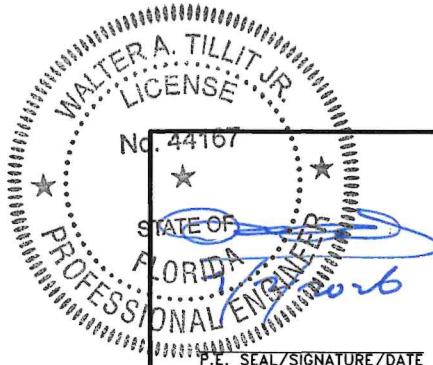
**TYPICAL HEMMED EDGE  
FABRIC (STITCHED) DETAIL X**

\* TWO ROWS STITCHING SHALL CONSIST OF SIX LOCK STITCHES PER INCH WITH 12/4 POLYESTER THREADS, TWISTED TOGETHER WITH 7% LUBRICATION & SILICONE PER ASTM D-6193. THIS DETAIL IS APPLICABLE TO BOTH SINGLE AND OVERLAPPED PANELS. AT ALL DESIGN WIND LOADS AND ALL PANEL SPANS PER SHEET 13.



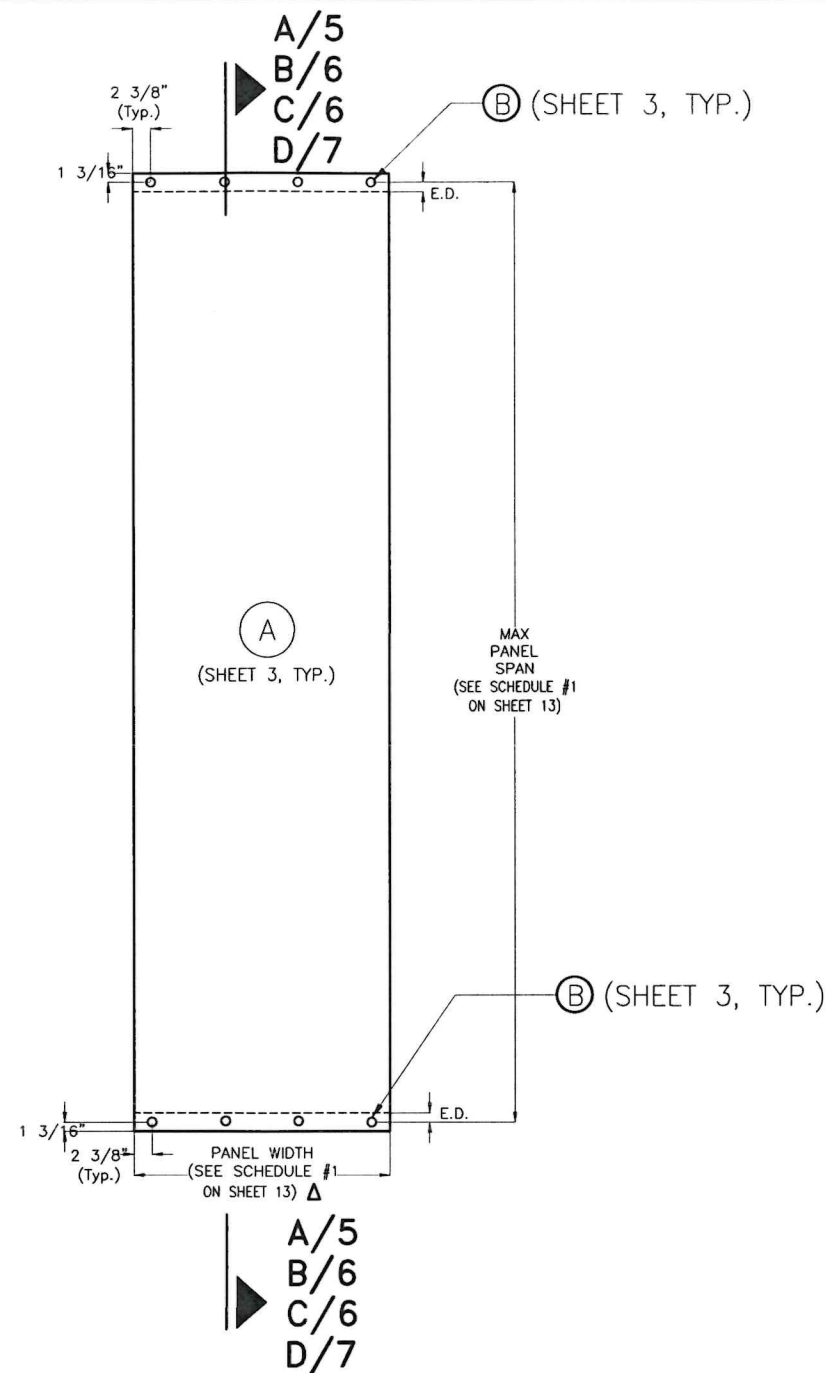
**TYPICAL HEMMED EDGE  
FABRIC (WELDED) DETAIL X'**

\*\* AIR WELDED FULL WIDTH @ ± 4 INCH/Sec. BY MEANS OF MOVABLE CARRIAGE/KNIFE AT WELDING MACHINE IS PERFORMED AT 740 F°. THIS DETAIL IS ONLY APPLICABLE TO SINGLE & OVERLAPPED PANELS AND FOR DESIGN WIND LOADS UP TO 53.3 psf & 194" PANEL SPAN.



FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

|                                                                                     |             |         |        |             |                  |
|-------------------------------------------------------------------------------------|-------------|---------|--------|-------------|------------------|
| GPP FABRIC SHUTTER - SERIES 2000                                                    |             |         |        |             | W.H.<br>DRAWN BY |
| GLOBAL PROTECTION PRODUCTS, LLC.                                                    |             |         |        |             | 06/25/2026       |
| 4800 S.W. 51 STREET<br>DAVIE, FL. 33314<br>PHONE: (954)689-7545, FAX: (954)689-8797 |             |         |        |             | 26-071           |
| REV N°                                                                              | DESCRIPTION | DATE    | REV N° | DESCRIPTION | DATE             |
| 1                                                                                   | OLD 23-195  | 6/25/26 | 3      |             |                  |
| 2                                                                                   |             |         | 4      |             |                  |
|                                                                                     |             |         |        |             | SHEET 3 OF 15    |

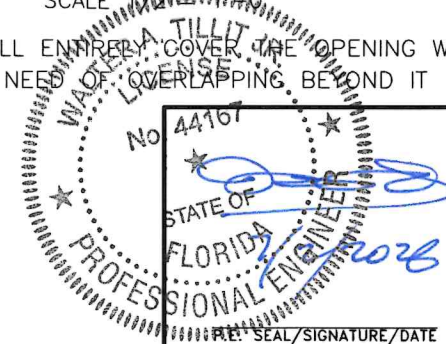


**TYPICAL SINGLE PANEL WALL MOUNT, FLOOR TO CEILING  
MOUNT OR ANY COMBINATION.  
(ANCHORS NOT SHOWN FOR CLARITY)**

SCALE 1/2" = 1'-0"

Δ FABRIC SHALL ENCLOSE THE OPENING WIDTH  
WITH NO NEED TO OVERLAP BEYOND IT

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

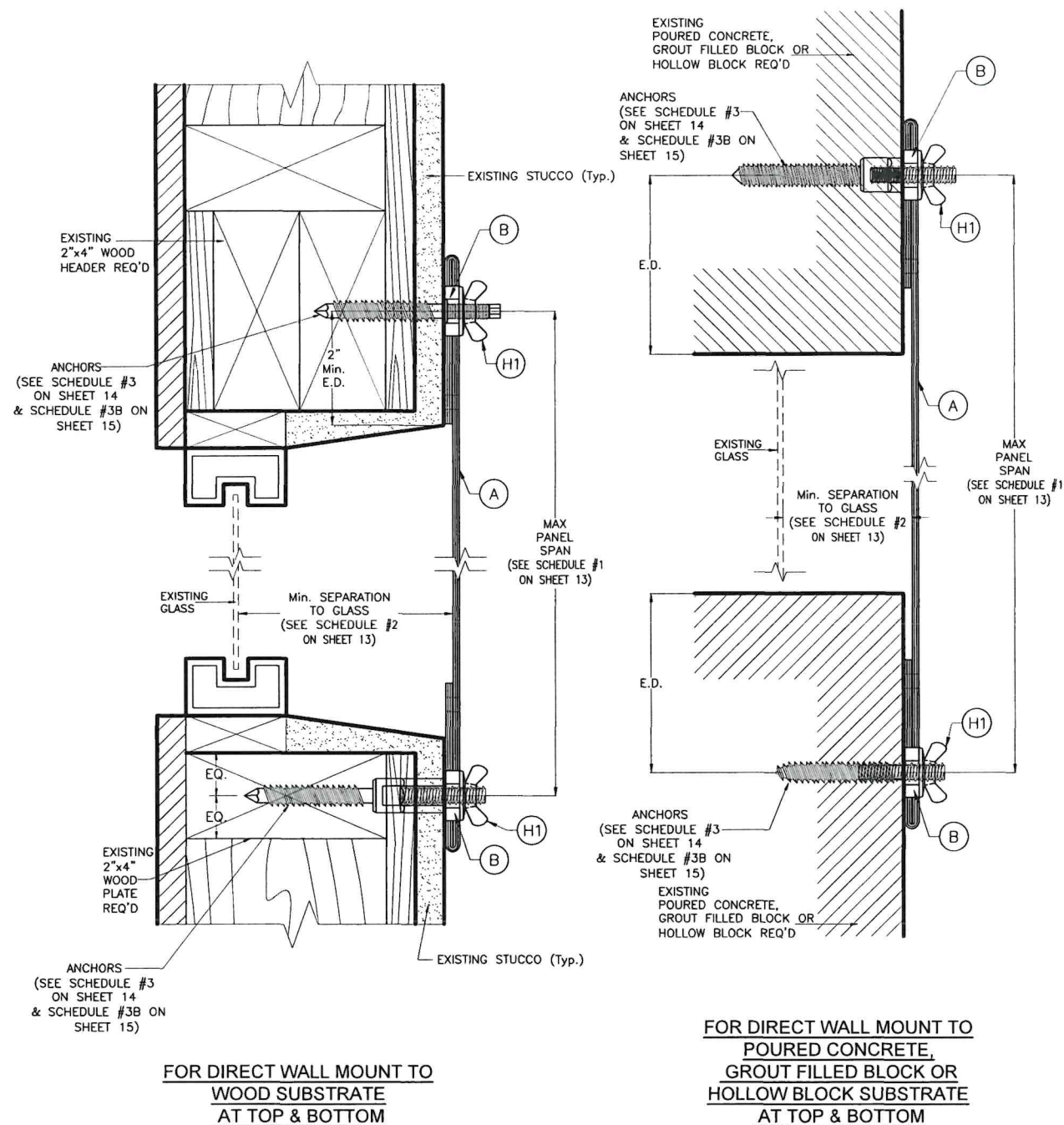


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 Phone : (305) 871-1530 , Fax : (305) 871-1531  
 e-mail: tilteco@aol.com  
 CA-0006719  
 WALTER A. TILLIT Jr., P.E.  
 FLORIDA Lic. # 44167

| GPP FABRIC SHUTTER - SERIES 2000                                                    |             |         |         |             |      | W.H.<br>DRAWN BY |
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| REV. N°                                                                             | DESCRIPTION | DATE    | REV. N° | DESCRIPTION | DATE | SHEET 4 OF 15    |
| 1                                                                                   | OLD 23-195  | 6/25/26 | 3       |             |      |                  |
| 2                                                                                   |             |         | 4       |             |      |                  |



**SECTIONS A - A**  
SCALE 3/8"=1"

**NOTE FOR COMBINATION OF SECTIONS:**

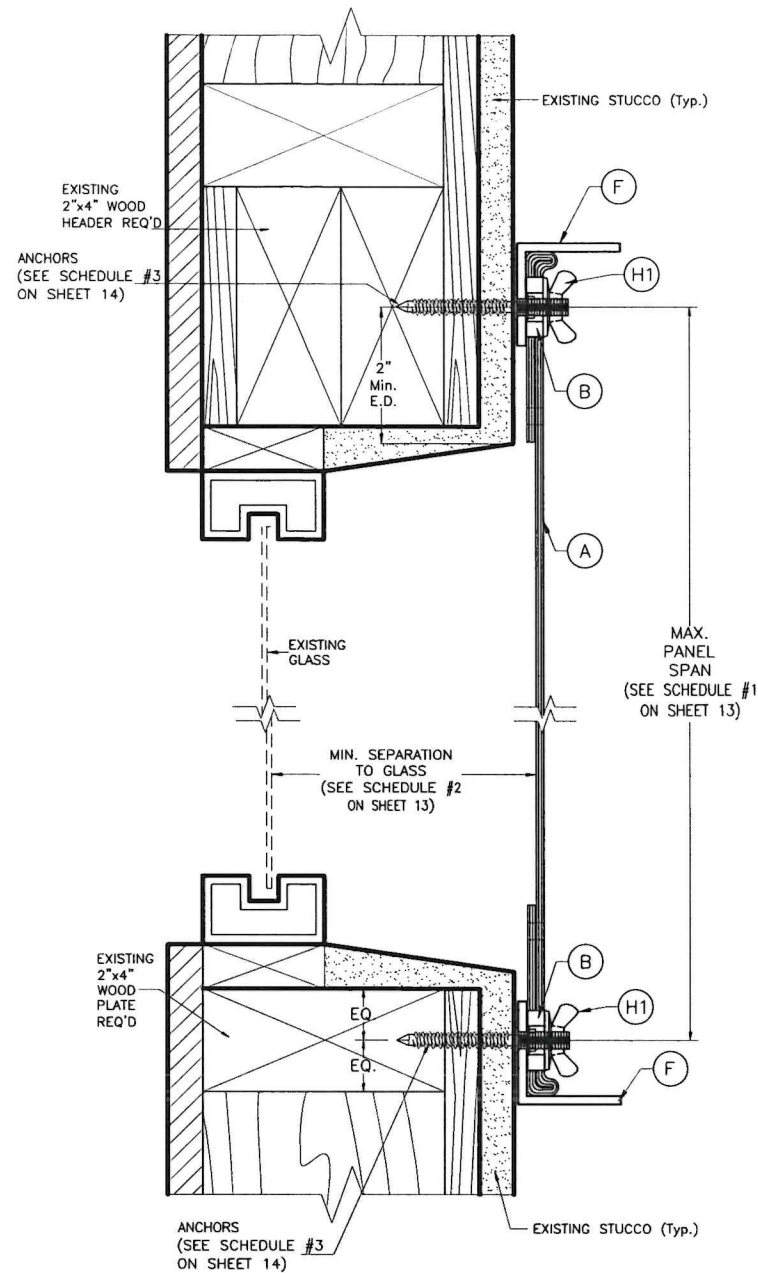
TOP AND BOTTOM MOUNTINGS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

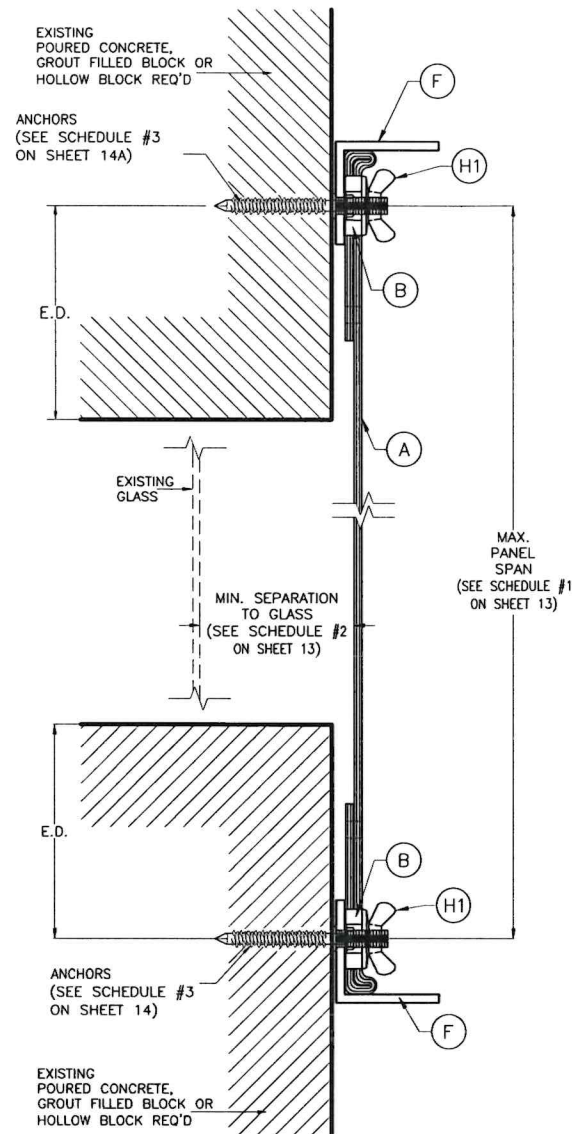
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LICENSE  
No. 44167  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
P.E. SEAL/SIGNATURE/DATE

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CA-0006719  
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FLORIDA Lic. # 44167

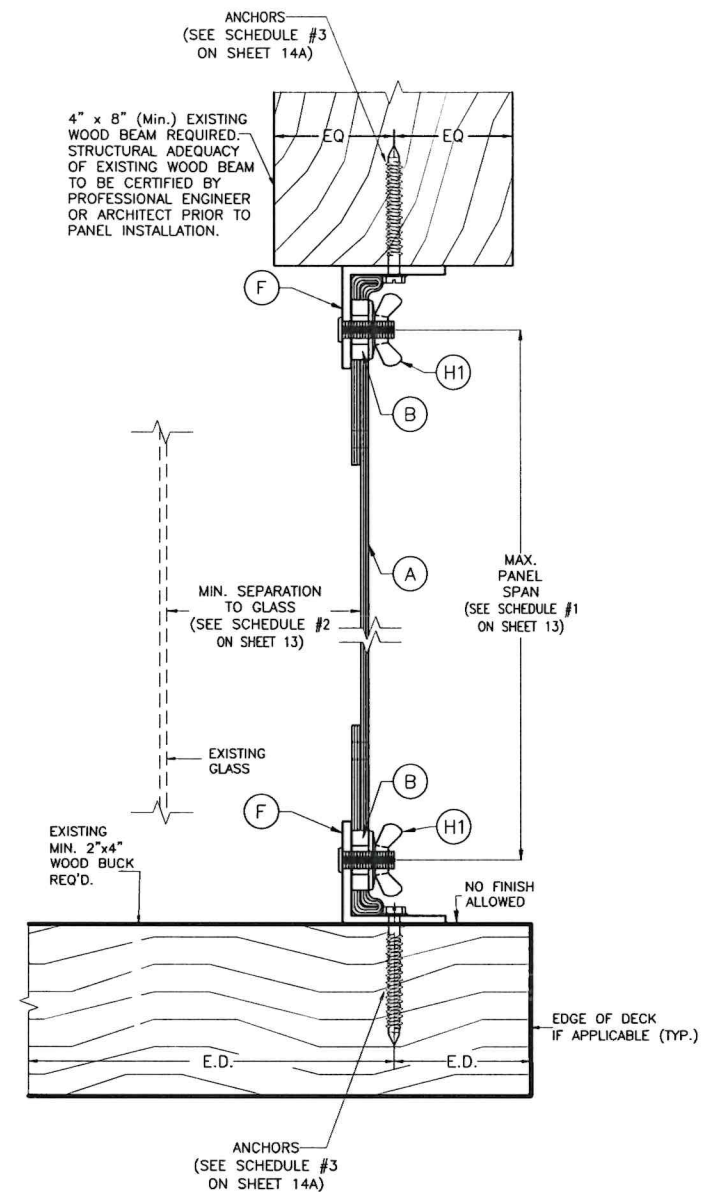
| GPP FABRIC SHUTTER - SERIES 2000                                                   |             |         |       |             |      | W.H.<br>DRAWN BY |
|------------------------------------------------------------------------------------|-------------|---------|-------|-------------|------|------------------|
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| REV #                                                                              | DESCRIPTION | DATE    | REV # | DESCRIPTION | DATE | SHEET 5 OF 15    |
| 1                                                                                  | OLD 23-195  | 6/25/26 | 3     |             |      |                  |
| 2                                                                                  |             |         | 4     |             |      |                  |



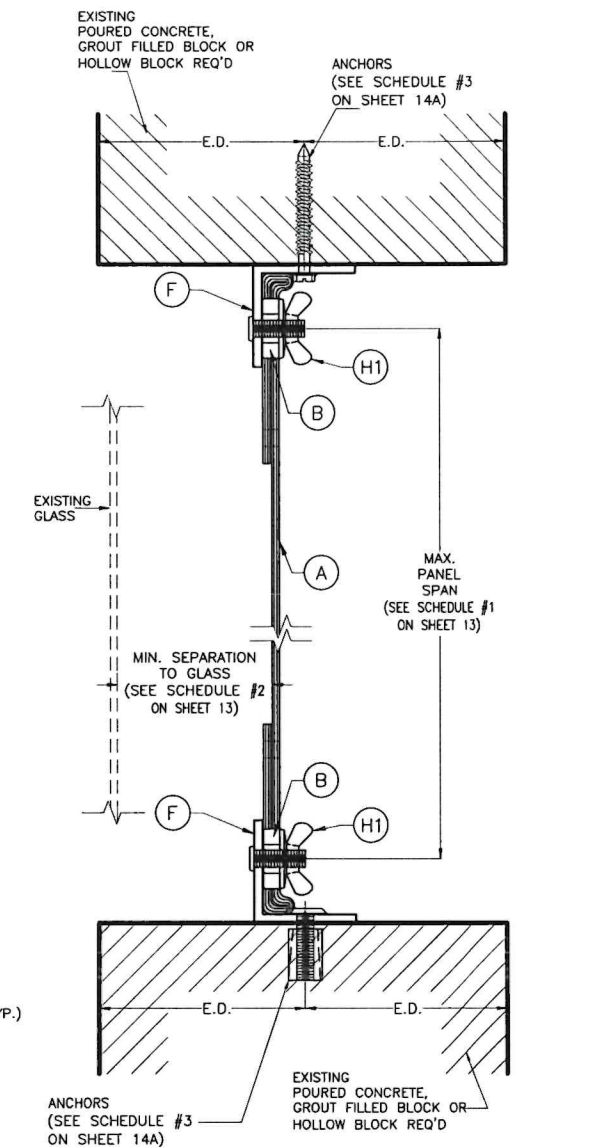
FOR STUDDED ANGLE WALL MOUNT TO WOOD SUBSTRATE AT TOP & BOTTOM



FOR STUDDED ANGLE WALL MOUNT TO POURED CONCRETE, GROUT FILLED BLOCK OR HOLLOW BLOCK SUBSTRATE AT TOP & BOTTOM



FOR STUDDED ANGLE FLOOR TO CEILING MOUNT TO WOOD SUBSTRATE AT TOP & BOTTOM



FOR STUDDED ANGLE FLOOR TO CEILING MOUNT TO POURED CONCRETE, GROUT FILLED BLOCK OR HOLLOW BLOCK SUBSTRATE AT TOP & BOTTOM

## SECTIONS B - B

SCALE 3/8"=1"

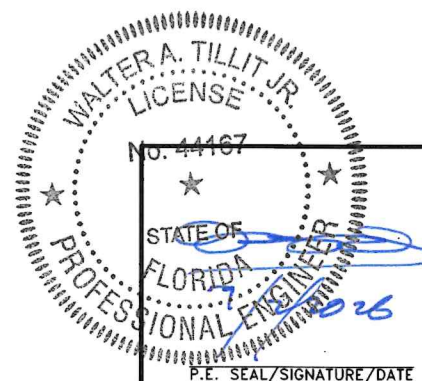
### NOTE FOR COMBINATION OF SECTIONS:

TOP AND BOTTOM MOUNTINGS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

## SECTIONS C - C

SCALE 3/8"=1"

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

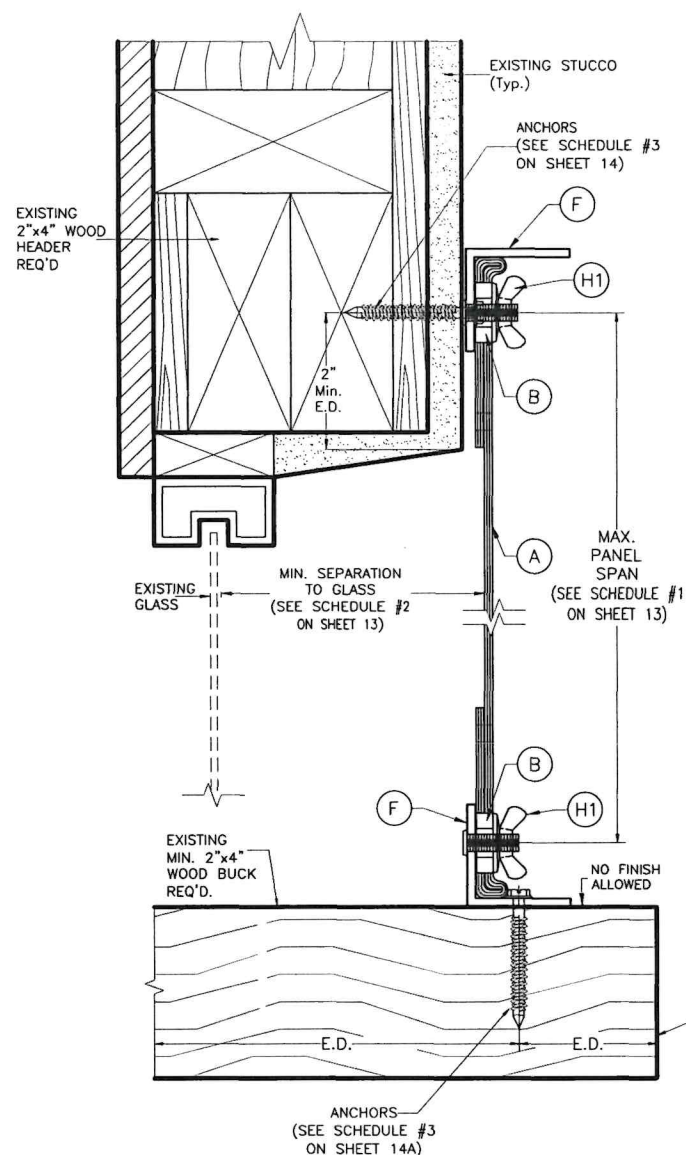


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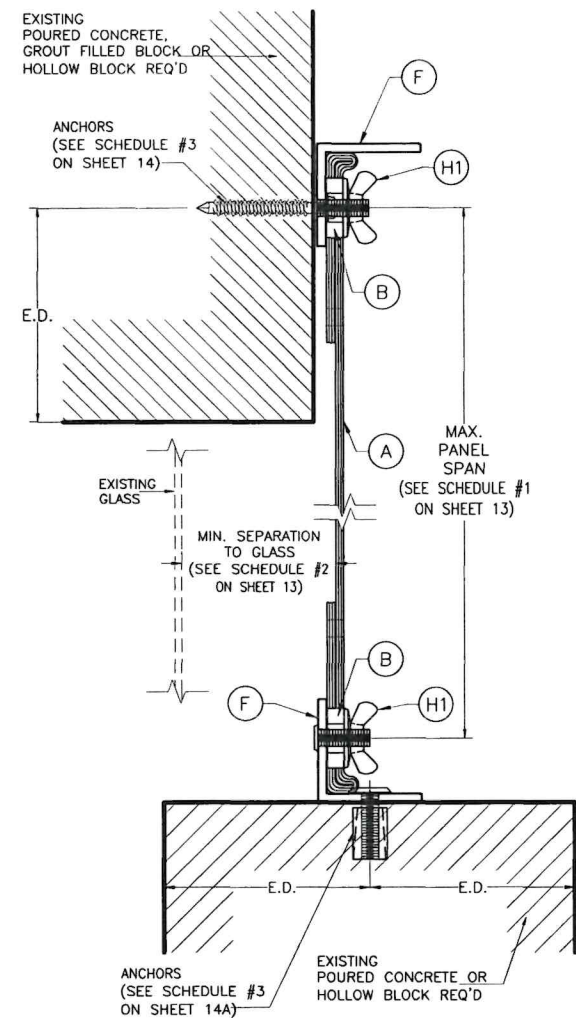
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CA-0006719  
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FLORIDA Lic. # 44167

| GPP FABRIC SHUTTER - SERIES 2000                                                    |             |         |       | W.H.<br>DRAWN BY |      |
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| REV #                                                                               | DESCRIPTION | DATE    | REV # | DESCRIPTION      | DATE |
| 1                                                                                   | OLD 23-195  | 6/25/26 | 3     |                  |      |
| 2                                                                                   |             |         | 4     |                  |      |



FOR STUDDED ANGLE WALL MOUNT TO WOOD SUBSTRATE AT TOP & STUDDED ANGLE FLOOR MOUNT TO WOOD SUBSTRATE AT BOTTOM



FOR STUDDED ANGLE WALL MOUNT TO POURED CONCRETE, GROUT FILLED BLOCK OR HOLLOW BLOCK SUBSTRATE AT TOP & STUDDED ANGLE FLOOR MOUNT TO POURED CONCRETE, GROUT FILLED BLOCK OR HOLLOW BLOCK SUBSTRATE AT BOTTOM

# SECTIONS D - D SCALE 3/8"=1"

NOTE FOR COMBINATION OF SECTIONS:

TOP AND BOTTOM MOUNTINGS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION

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LICENSE  
No. 44167  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
SEAL/SIGNATURE/DATE

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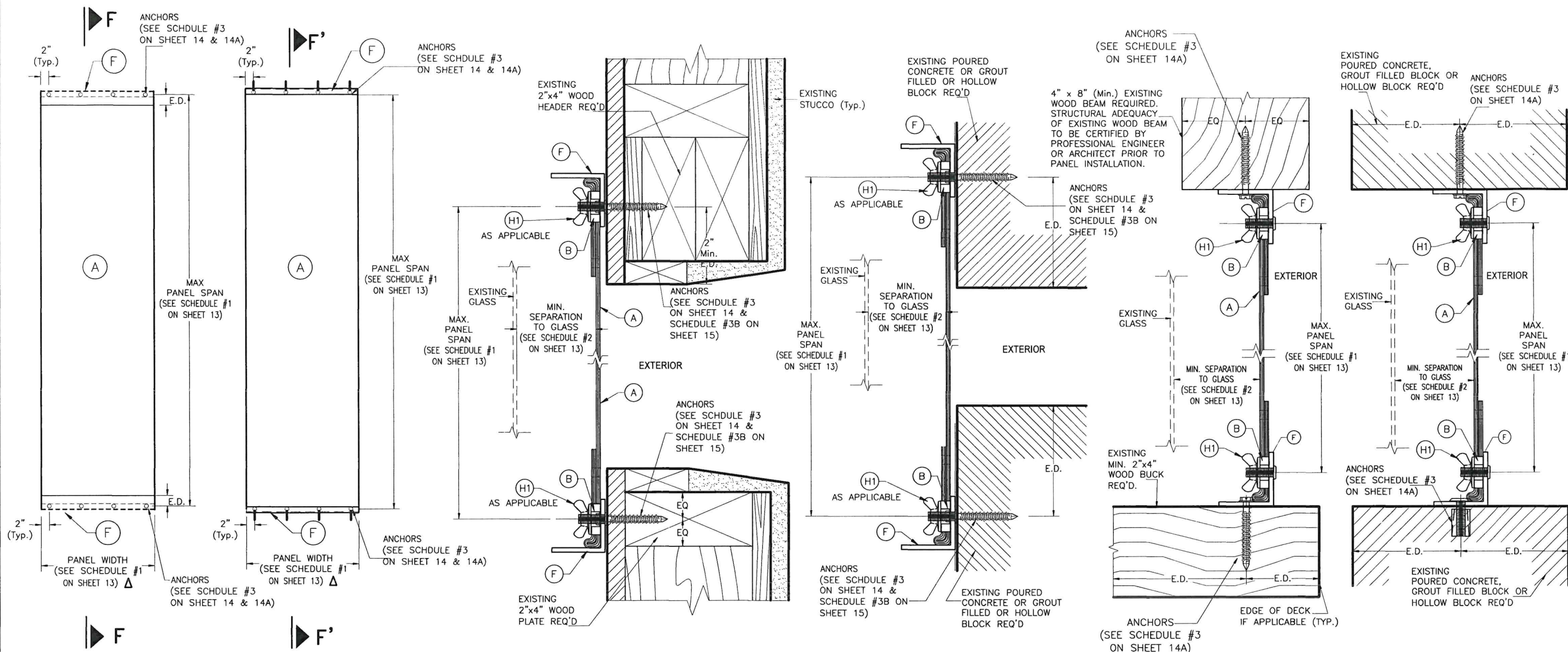
| REV # | DESCRIPTION | DATE    | REV # | DESCRIPTION | DATE |
|-------|-------------|---------|-------|-------------|------|
| 1     | OLD 23-195  | 8/25/26 | 3     |             |      |
| 2     |             |         | 4     |             |      |

W.H.  
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06/25/2026

26-071

SHEET 7 OF 15



# **SINGLE PANEL (REVERSED) ELEVATIONS**

SCALE 1/2"= 1"

Δ FABRIC SHALL ENTIRELY COVER THE OPENING WIDTH WITH NO NEED OF OVERLAPPING BEYOND IT

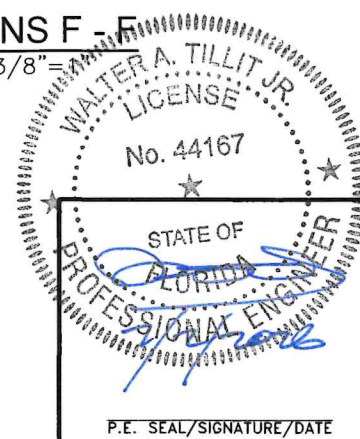
**NOTE FOR COMBINATION OF SECTIONS:**  
TOP AND BOTTOM MOUNTINGS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

## **SECTIONS F - F'**

SCALE 3/8"=1"

## **SECTIONS F' - F'**

SCALE 3/8"=1"



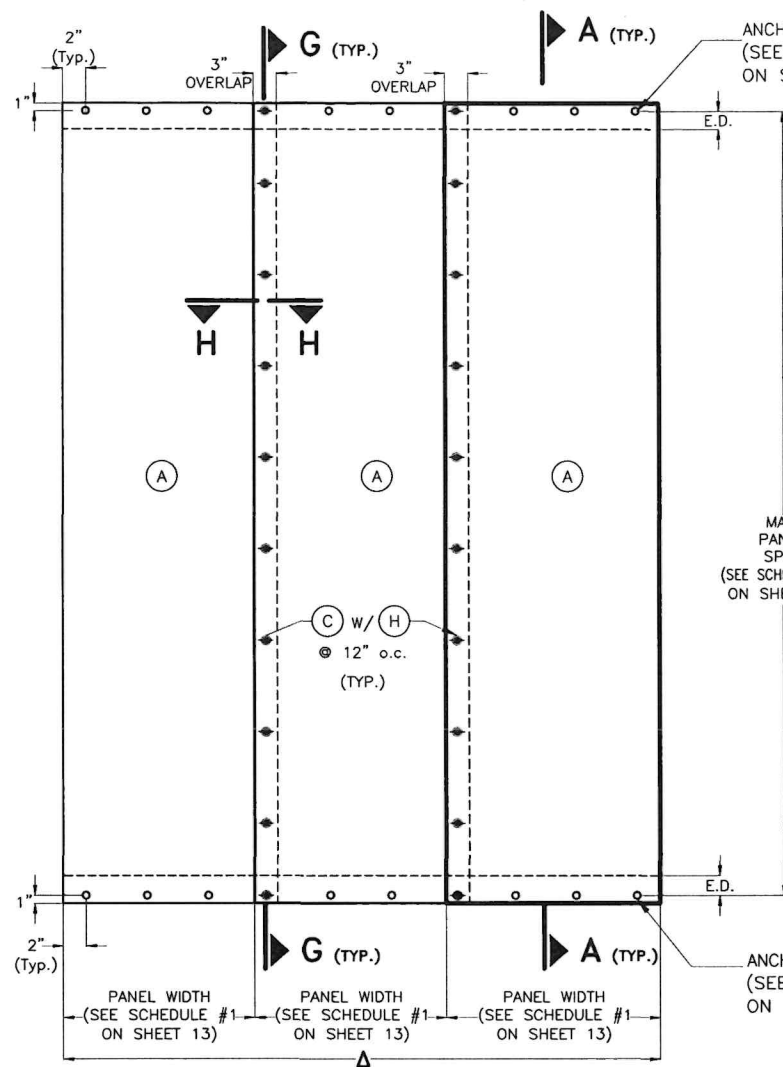
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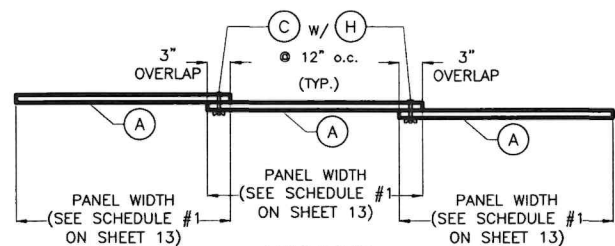
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| REV #                                                                              | DESCRIPTION | DATE    | REV # | DESCRIPTION | DATE          |  |
| 1                                                                                  | OLD 23-195  | 6/25/26 | 3     |             |               |  |
| 2                                                                                  |             |         | 4     |             |               |  |



**ELEVATION FOR DIRECT WALL MOUNT TO  
POURED CONCRETE, GROUT FILLED BLOCK,  
HOLLOW BLOCK OR WOOD SUBSTRATE  
AT TOP & BOTTOM**



**EXTERIOR  
PLAN**

**OVERLAPPED MULTIPLE PANELS  
SCALE 1/2" = 1'-0"**

△ FABRIC SHALL ENTIRELY COVER THE OPENING WIDTH  
WITH NO NEED OF OVERLAPPING BEYOND IT

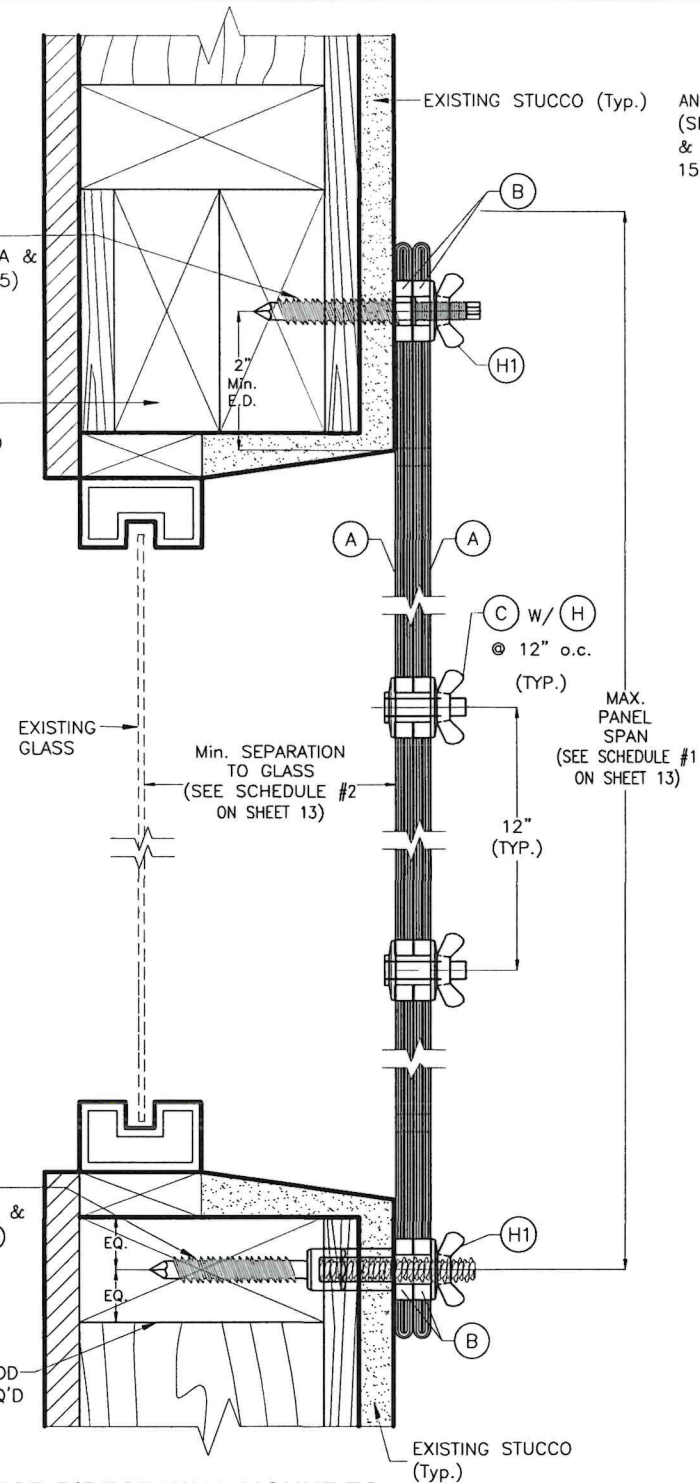
ANCHORS  
(SEE SCHEDULE #3A &  
#3B ON SHEET 15)

EXISTING  
2"x4" WOOD  
PLATE REQ'D

**FOR DIRECT WALL MOUNT TO  
WOOD SUBSTRATE  
AT TOP & BOTTOM**

**NOTE FOR COMBINATION OF SECTIONS:**

TOP AND BOTTOM MOUNTINGS CAN BE COMBINED IN  
ANY WAY TO SUIT ANY INSTALLATION.



**SECTIONS G - G  
(AT OVERLAPPED FABRIC)  
SCALE 3/8" = 1'**

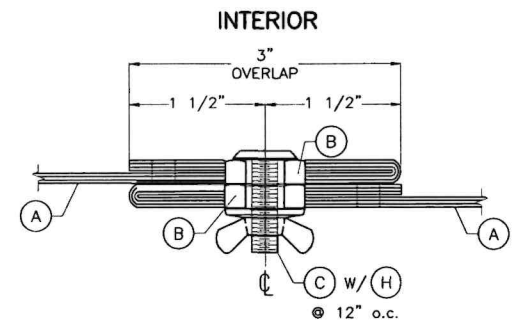
EXISTING  
POURED CONCRETE,  
GROUT FILLED BLOCK  
OR HOLLOW BLOCK REQ'D

ANCHORS  
(SEE SCHEDULE #3A  
& #3B ON SHEET  
15)

EXISTING  
GLASS

EXISTING  
POURED CONCRETE,  
GROUT FILLED BLOCK  
OR HOLLOW BLOCK REQ'D

**FOR DIRECT WALL MOUNT TO POURED  
CONCRETE, GROUT FILLED BLOCK OR  
HOLLOW BLOCK SUBSTRATE  
AT TOP & BOTTOM**



**SECTION H - H  
SCALE 3/8" = 1'**

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**GPP FABRIC SHUTTER - SERIES 2000**

**GLOBAL PROTECTION PRODUCTS, LLC.**

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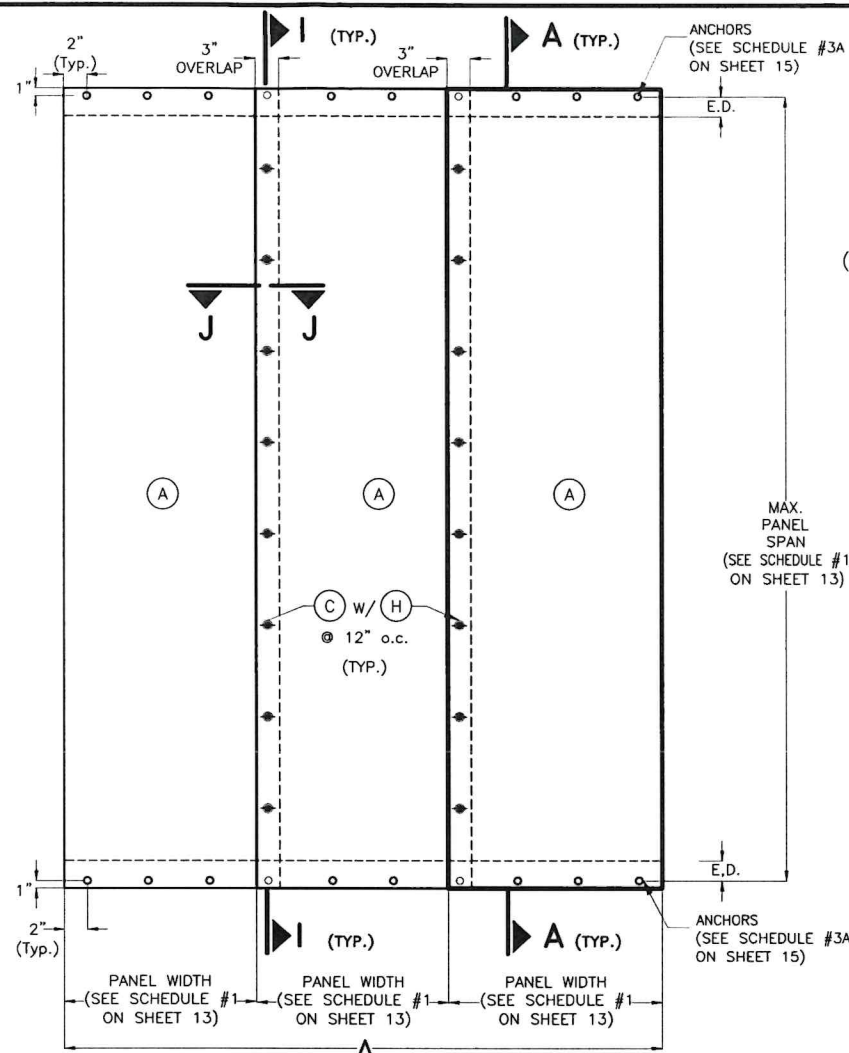
| REV # | DESCRIPTION | DATE    | REV # | DESCRIPTION | DATE |
|-------|-------------|---------|-------|-------------|------|
| 1     | OLD 23-195  | 6/25/26 | 3     |             |      |
| 2     |             |         | 4     |             |      |

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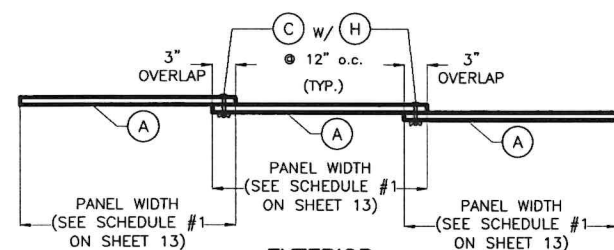
06/25/2026

26-071

SHEET 9 OF 15



**ELEVATION FOR DIRECT WALL MOUNT TO  
POURED CONCRETE, GROUT FILLED BLOCK,  
HOLLOW BLOCK OR WOOD SUBSTRATE  
AT TOP & BOTTOM**



**EXTERIOR**

**PLAN**

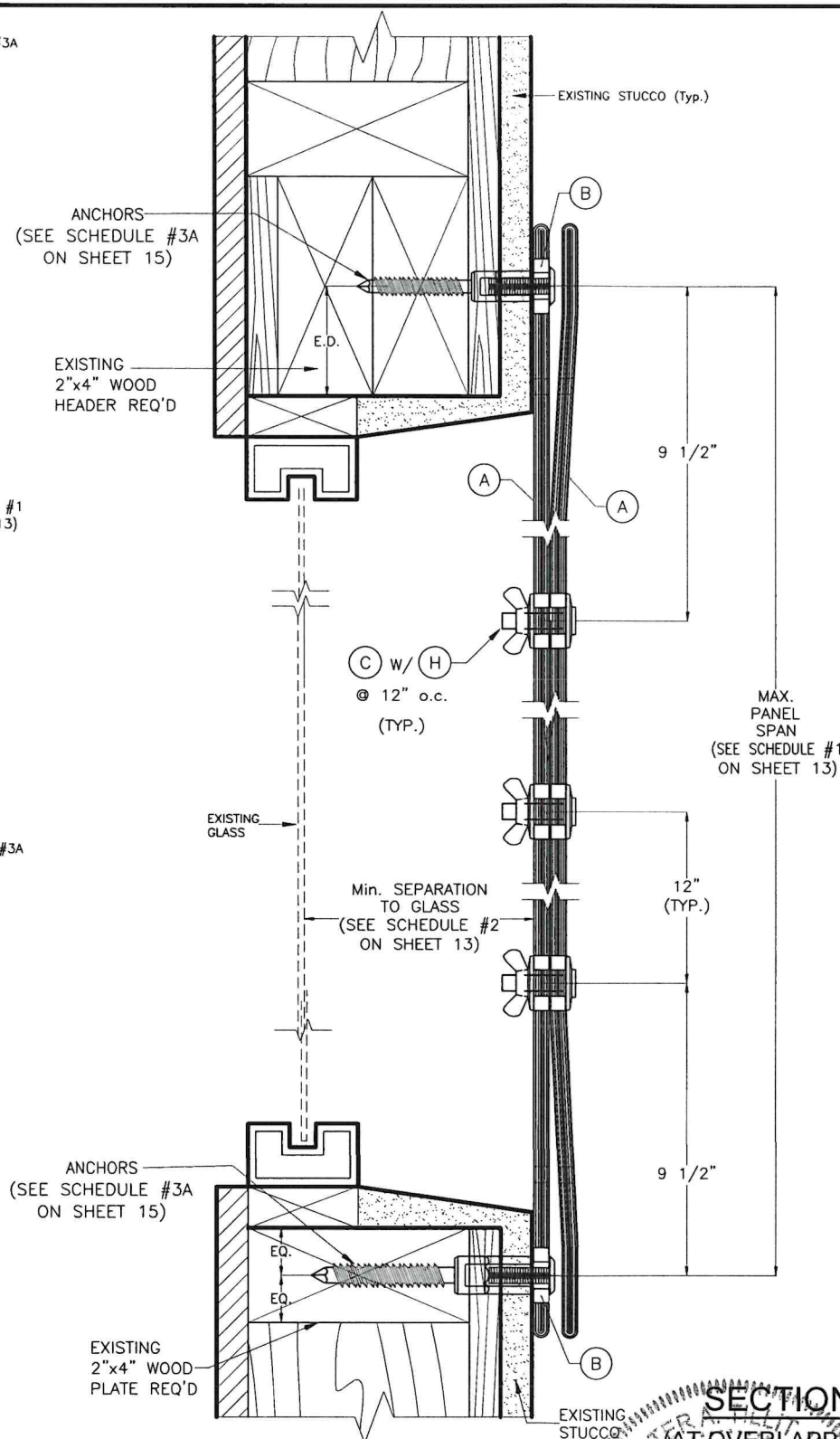
**SAFETY PANEL FOR DOORS W/  
OVERLAPPED MULTIPLE PANELS**

SCALE 1/2" = 1'-0"

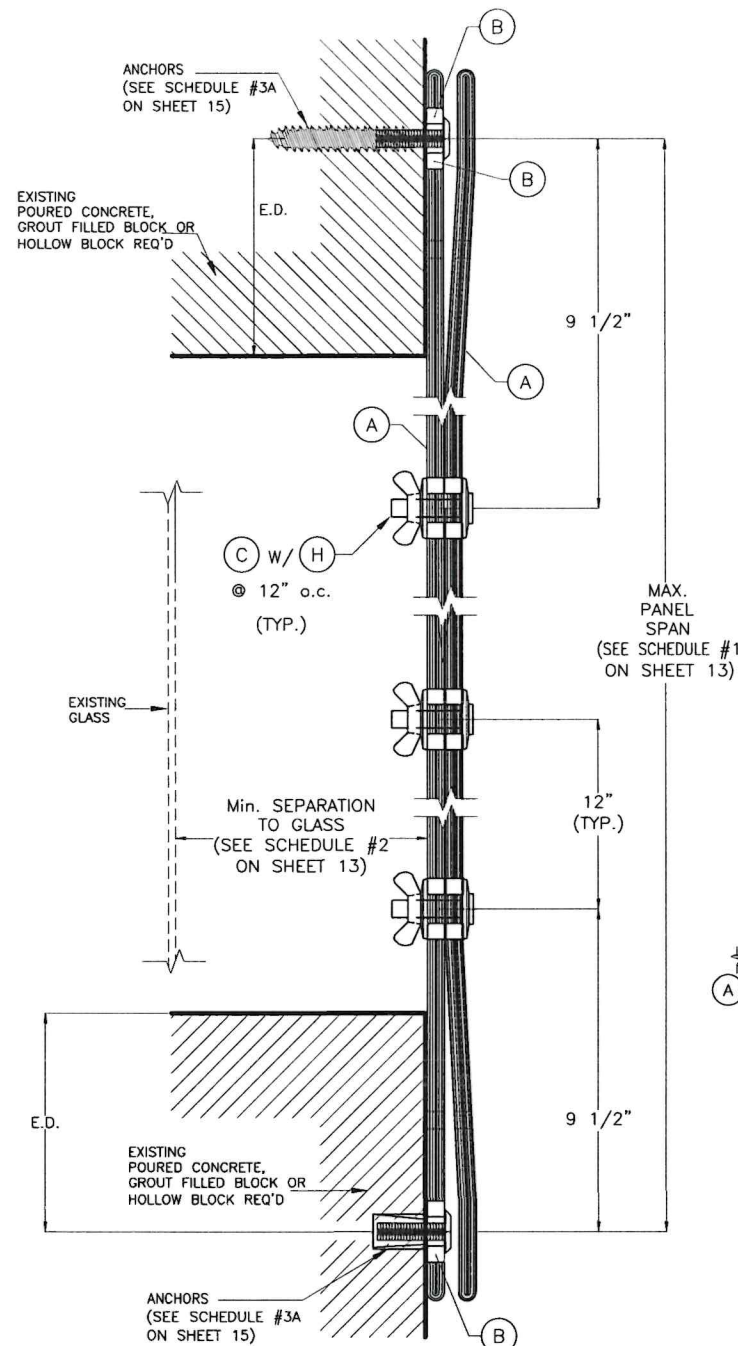
△ FABRIC SHALL ENTIRELY COVER THE OPENING WIDTH  
WITH NO NEED OF OVERLAPPING BEYOND IT

**NOTE FOR COMBINATION OF SECTIONS:**

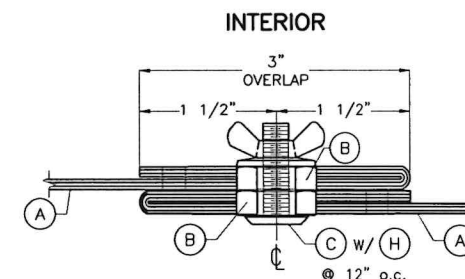
TOP AND BOTTOM MOUNTINGS CAN BE COMBINED IN  
ANY WAY TO SUIT ANY INSTALLATION.



**FOR DIRECT WALL MOUNT TO WOOD  
SUBSTRATE AT TOP & BOTTOM**



**FOR DIRECT WALL MOUNT TO POURED  
CONCRETE, GROUT FILLED BLOCK OR  
HOLLOW BLOCK SUBSTRATE  
AT TOP & BOTTOM**



**SECTION J - J  
N.T.S.**

**SECTIONS I - I  
(AT OVERLAPPED FABRIC)**

SCALE 3/8" = 1'-0"

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

No. 44107  
STATE OF  
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| REV # | DESCRIPTION | DATE    | REV # | DESCRIPTION | DATE |
|-------|-------------|---------|-------|-------------|------|
| 1     | OLD 23-195  | 6/25/26 | 3     |             |      |
| 2     |             |         | 4     |             |      |

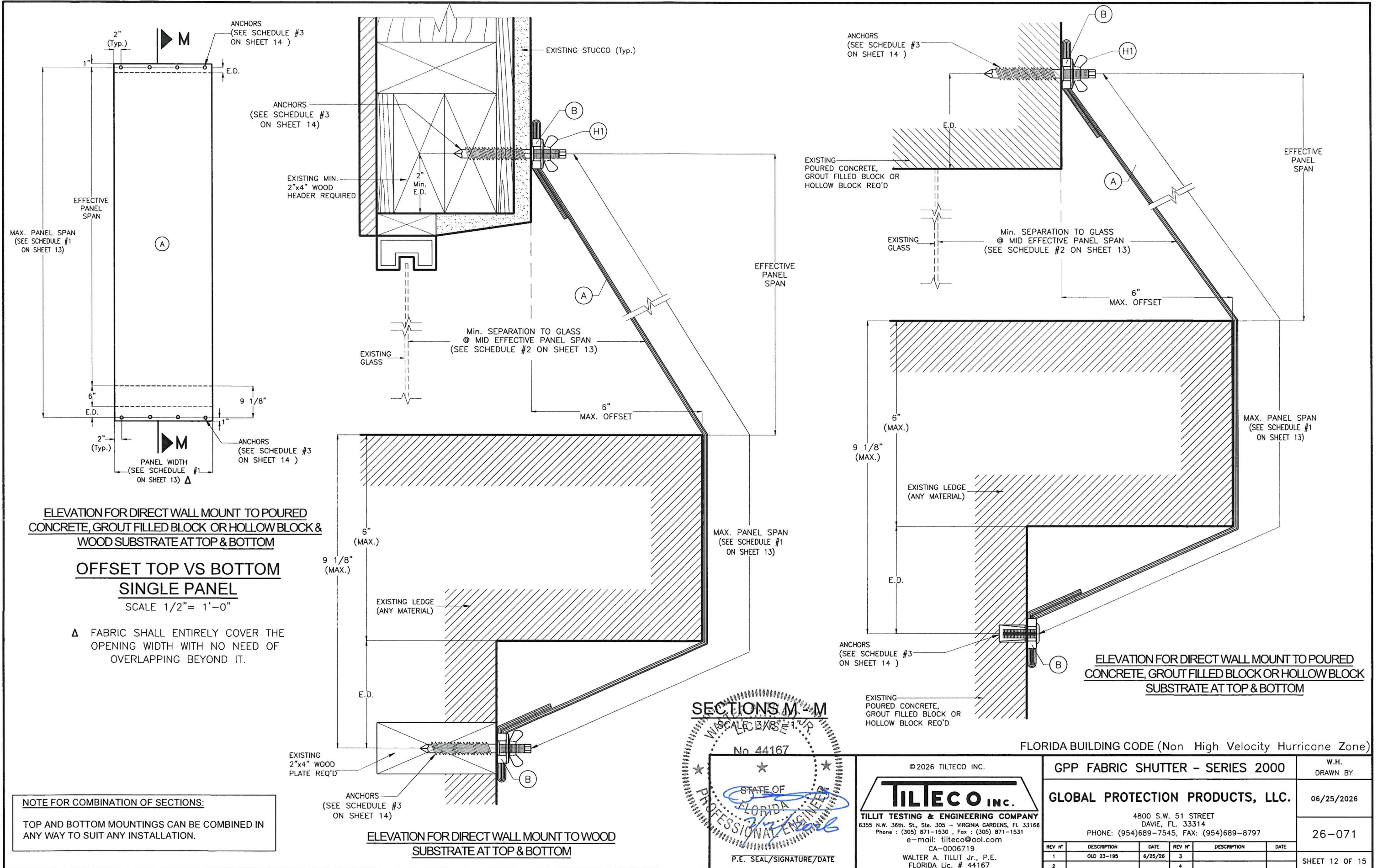
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06/25/2026

26-071

SHEET 10 OF 15

| REV N° | DESCRIPTION | DATE    | REV N° | DESCRIPTION | DATE |
|--------|-------------|---------|--------|-------------|------|
| 1      | OLD 23-195  | 6/25/26 | 3      |             |      |
| 2      |             |         | 4      |             |      |



SECTIONS M-M

SCALE 3/8" = 1'-0"

No. 44167

STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
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| REV. N° | DESCRIPTION | DATE    | REV. N° | DESCRIPTION | DATE |
|---------|-------------|---------|---------|-------------|------|
| 1       | OLD 23-195  | 6/25/26 | 3       |             |      |
| 2       |             |         | 4       |             |      |

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SHEET 12 OF 15

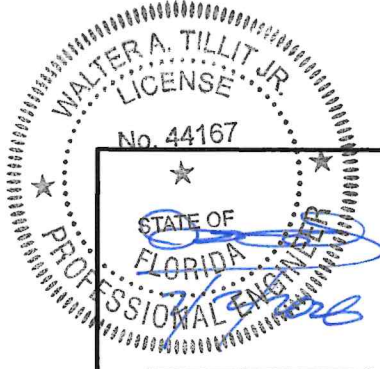
MAXIMUM A.S.D. DESIGN PRESSURE RATING, CORRESPONDING TO MAXIMUM PANEL SPAN, MAXIMUM & MINIMUM  
PANEL WIDTH AND REQUIRED MINIMUM SEPARATION TO GLASS FOR SINGLE & OVERLAPPED MULTIPLE PANEL

| SCHEDULE # 1                                               |                                   |                                              |         |                                                           |                                              |         |                                                      | SCHEDULE # 2                                                                  |                  |
|------------------------------------------------------------|-----------------------------------|----------------------------------------------|---------|-----------------------------------------------------------|----------------------------------------------|---------|------------------------------------------------------|-------------------------------------------------------------------------------|------------------|
| MAXIMUM<br>A.S.D. DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | MAXIMUM<br>PANEL<br>SPAN<br>(ft.) | FOR SINGLE PANELS                            |         | APPLICABLE TO<br>SECTIONS & ANY<br>COMBINATION<br>OF THEM | FOR OVERLAPPED<br>MULTIPLE PANELS            |         | IMPACT<br>RESISTANCE<br>MISSILE TYPE<br>& SPEED<br>* | REQUIRED MIN.<br>SEPARATION TO<br>GLASS MEASURED TO<br>BACK OF FABRIC<br>(in) |                  |
|                                                            |                                   | MAXIMUM &<br>MINIMUM<br>PANEL WIDTH<br>(ft.) |         |                                                           | MAXIMUM &<br>MINIMUM<br>PANEL WIDTH<br>(ft.) |         |                                                      | WIND ZONES<br>1 THRU 3 *                                                      | WIND ZONE<br>4 * |
|                                                            |                                   | MAX.                                         | MIN.    |                                                           | MAX.                                         | MIN.    |                                                      |                                                                               |                  |
| 53.3 OR LESS                                               | 16' - 2"                          | 12' - 0" †                                   | 2' - 4" | A-A , F-F ,G-G                                            | -                                            | -       | TYPE D<br>50 ft/sec.                                 | 1" Δ                                                                          | 34 1/2"          |
| 60.0 OR LESS                                               | 12' - 7"                          | 12' - 0" †                                   | 2' - 4" | A-A , A'-A' , B-B,<br>D-D , E-E & F-F                     | 12' - 0" †                                   | 2' - 4" |                                                      | 1" Δ                                                                          | 34 1/2"          |
| 75.0 OR LESS                                               | 8' - 7"                           | 12' - 0" †                                   | 1' - 0" | A-A , A'-A' , B-B , D -D ,<br>E-E , F-F & M-M             | 12' - 0" †                                   | 2' - 4" |                                                      | 1" Δ                                                                          | 28 5/8"          |
| 75.0 OR LESS                                               | 6' - 7"                           | 12' - 0" †                                   | 2' - 4" | K-K                                                       | -                                            | -       |                                                      | 1" Δ                                                                          | 15 3/8"          |

† USE MAXIMUM PANEL WIDTH OF 6'-6" FOR INSTALLATIONS WITHIN WIND ZONE 4, AS DEFINED BY SECTION 6.2.2.4 OF ASTM E 1996 STANDARD.

\* PER ASTM E 1996 STANDARD W/ A BASIC WIND SPEED IN EXCESS OF 175 M.P.H.

Δ MINIMUM SEPARATION TO GLASS MAY BE REDUCED TO 1/4" ONLY FOR INSTALLATION W/ 8'-0" MAX. PANEL SPAN AND FOR INSTALLATION INTO WOOD FRAME BUILDING.



FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

|                                                                                     |             |         |       |             |      |                  |
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| REV #                                                                               | DESCRIPTION | DATE    | REV # | DESCRIPTION | DATE | SHEET 13 OF 15   |
| 1                                                                                   | OLD 23-195  | 6/25/26 | 3     |             |      |                  |
| 2                                                                                   |             |         | 4     |             |      |                  |

SCHEDULE # 3  
MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING FOR SINGLE PANELS

DIRECT MOUNT OR WALL MOUNT W/ STUDDED ANGLE

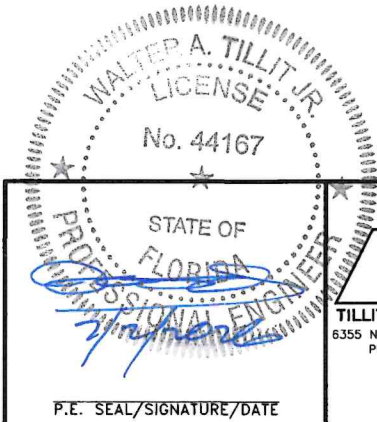
| MAXIMUM<br>A.S.D DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | 1/4"Ø DEWALT ULTRACON+<br>OR ULTRACON SS4 ANCHOR            |                                                           |                                                           |                                               | HILLMAN SOLID SET 1/4" SCREW CS                         |                                                        |                                                        |                                                      | HILLMAN SOLID SET 1/4" SCREW 410 SS.                    |                                                        |                                                        |                                                      | MAXIMUM<br>PANEL SPAN<br>(ft.) | APPLICABLE<br>TO SECTIONS<br>& ANY<br>COMBINATION<br>OF THEM. |
|-----------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|--------------------------------|---------------------------------------------------------------|
|                                                           | TO CONCRETE                                                 | TO GROUT<br>FILLET                                        | TO HOLLOW<br>BLOCK                                        | TO WOOD                                       | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                |                                                               |
|                                                           | W/MIN. REQ'D<br>f'c= 2700 psi<br>1 3/4" EMBDM<br>3 1/8" E.D | W/MIN. REQ'D<br>f'm=1924psi<br>1 1/4" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>f'm=1924psi<br>1 1/4" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>G=0.55<br>1" thread<br>2" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D |                                |                                                               |
|                                                           | TO CONCRETE                                                 | TO GROUT<br>FILLET                                        | TO HOLLOW<br>BLOCK                                        | TO WOOD                                       | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                |                                                               |
| 30.00 OR LESS                                             | 7 1/2"                                                      | 5 1/2"                                                    | 4 1/2"                                                    | 2 1/2"                                        | 7 1/2"                                                  | 5 1/2"                                                 | 4"                                                     | 4"                                                   | 8"                                                      | 6 1/2"                                                 | 3 1/2"                                                 | 4"                                                   | 12'-7"                         | B-B, D-D<br>(TOP)<br>& F-F                                    |
| 30.00 - 45.00                                             | 5"                                                          | 4"                                                        | N/A                                                       | 2"                                            | 5 1/2"                                                  | 4"                                                     | N/A                                                    | 3"                                                   | 6 1/2"                                                  | 4 1/2"                                                 | N/A                                                    | 3"                                                   |                                |                                                               |
| 45.00 - 60.00                                             | 4"                                                          | N/A                                                       | N/A                                                       | 1 1/2"                                        | 4"                                                      | 3"                                                     | N/A                                                    | 2 1/2"                                               | 5"                                                      | 3 1/2"                                                 | N/A                                                    | 2 1/2"                                               |                                |                                                               |
| 37.50 OR LESS                                             | 7"                                                          | 5"                                                        | 4 1/2"                                                    | 2 1/2"                                        | 7"                                                      | 5 1/2"                                                 | 4"                                                     | 3 1/2"                                               | 8"                                                      | 6"                                                     | 3 1/2"                                                 | 4"                                                   | 8'-7"                          | B-B                                                           |
| 37.50 - 56.25                                             | 5"                                                          | N/A                                                       | N/A                                                       | 2"                                            | 5"                                                      | 4"                                                     | N/A                                                    | 2 1/2"                                               | 6 1/2"                                                  | 4 1/2"                                                 | N/A                                                    | 2 1/2"                                               |                                |                                                               |
| 56.25 - 75.00                                             | 4"                                                          | N/A                                                       | N/A                                                       | 1 1/2"                                        | 4"                                                      | 3"                                                     | N/A                                                    | 2"                                                   | 5"                                                      | 3 1/2"                                                 | N/A                                                    | 2"                                                   |                                |                                                               |
| 37.50 OR LESS                                             | 8"                                                          | 8"                                                        | 8"                                                        | 5 1/2"                                        | 8"                                                      | 8"                                                     | 7"                                                     | 8"                                                   | 8"                                                      | 8"                                                     | 7"                                                     | 8"                                                   | 6'-7"                          | B-B, D-D<br>(TOP) F-F,                                        |
| 37.50 - 56.25                                             | 8"                                                          | 8"                                                        | 6"                                                        | 4"                                            | 8"                                                      | 8"                                                     | 4 1/2"                                                 | 5 1/2"                                               | 8"                                                      | 8"                                                     | 4 1/2"                                                 | 5 1/2"                                               |                                |                                                               |
| 56.25 - 75.00                                             | 7 1/2"                                                      | 6"                                                        | 4 1/2"                                                    | 3"                                            | 8"                                                      | 6 1/2"                                                 | 3 1/2"                                                 | 4 1/2"                                               | 8"                                                      | 6 1/2"                                                 | N/A                                                    | 4 1/2"                                               |                                |                                                               |

| MAXIMUM<br>A.S.D DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | 1/4"Ø ELCO PANELMATE PRO                                |                                                       |                                                    | 1/4"Ø ELCO FEMALE ID PANELMATE                              |                                                       |                                                    | HILLMAN SOLID SET #14 FEMALE ANCHOR CS                  |                                                        |                                                        |                                                      | MAXIMUM<br>PANEL SPAN<br>(ft.) | APPLICABLE<br>TO SECTIONS<br>& ANY<br>COMBINATION<br>OF THEM. |
|-----------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|--------------------------------|---------------------------------------------------------------|
|                                                           | TO CONCRETE                                             | TO GROUT OR<br>HOLLOW BLOCK                           | TO WOOD                                            | TO CONCRETE                                                 | TO GROUT OR<br>HOLLOW BLOCK                           | TO WOOD                                            | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                |                                                               |
|                                                           | W/MIN. REQ'D<br>f'c= 3350 psi<br>2" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>f'm=2071psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 7/8" EMBDM<br>3/4" E.D | W/MIN. REQ'D<br>f'c= 3350 psi<br>1 3/4" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>f'm=2071psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 7/8" EMBDM<br>3/4" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D |                                |                                                               |
|                                                           | TO CONCRETE                                             | TO GROUT OR<br>HOLLOW BLOCK                           | TO WOOD                                            | TO CONCRETE                                                 | TO GROUT OR<br>HOLLOW BLOCK                           | TO WOOD                                            | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                |                                                               |
| 30.00 OR LESS                                             | 8"                                                      | 5"                                                    | 7"                                                 | 7"                                                          | N/A                                                   | 7"                                                 | 8"                                                      | 7 1/2"                                                 | 4"                                                     | 5 1/2"                                               | 12'-7"                         | A-A, B-B, D-D<br>(TOP)<br>& F-F                               |
| 30.00 - 45.00                                             | 6 1/2"                                                  | N/A                                                   | 5"                                                 | 5"                                                          | N/A                                                   | 5"                                                 | 7"                                                      | 5"                                                     | N/A                                                    | 4"                                                   |                                |                                                               |
| 45.00 - 60.00                                             | 5"                                                      | N/A                                                   | 4"                                                 | N/A                                                         | N/A                                                   | 4"                                                 | 5 1/2"                                                  | 4"                                                     | N/A                                                    | 3"                                                   |                                |                                                               |
| 37.50 OR LESS                                             | 8"                                                      | 4 1/2"                                                | 6 1/2"                                             | 6 1/2"                                                      | N/A                                                   | 6 1/2"                                             | 8"                                                      | 7"                                                     | 4"                                                     | 5"                                                   | 8'-7"                          | A-A, B-B &<br>M-M                                             |
| 37.50 - 56.25                                             | 6 1/2"                                                  | N/A                                                   | 5"                                                 | 4 1/2"                                                      | N/A                                                   | 5"                                                 | 6 1/2"                                                  | 5"                                                     | N/A                                                    | 3 1/2"                                               |                                |                                                               |
| 56.25 - 75.00                                             | 5"                                                      | N/A                                                   | 4"                                                 | N/A                                                         | N/A                                                   | 4"                                                 | 5 1/2"                                                  | 4"                                                     | N/A                                                    | 3"                                                   |                                |                                                               |
| 37.50 OR LESS                                             | 8"                                                      | 8"                                                    | 8"                                                 | 8"                                                          | 7 1/2"                                                | 8"                                                 | 8"                                                      | 8"                                                     | 7"                                                     | 8"                                                   | 6'-7"                          | A-A, B-B, D-D<br>(TOP) F-F,<br>M-M & K-K                      |
| 37.50 - 56.25                                             | 8"                                                      | 6 1/2"                                                | 8"                                                 | 8"                                                          | 5 1/2"                                                | 8"                                                 | 8"                                                      | 8"                                                     | 5"                                                     | 7 1/2"                                               |                                |                                                               |
| 56.25 - 75.00                                             | 8"                                                      | 5"                                                    | 8"                                                 | 7 1/2"                                                      | 4"                                                    | 8"                                                 | 8"                                                      | 7 1/2"                                                 | 3 1/2"                                                 | 5 1/2"                                               |                                |                                                               |

\* SEE SCHEDULE 3B ON SHEET 15  
FOR ADDITIONAL ANCHOR  
SPACING FOR MAXIMUM PANEL  
SPANS >12'-7" UP TO 16'-2"

NOTE: EMBEDMENT AND EDGE  
DISTANCE ARE BEYOND ANY  
FINISH MATERIAL.

| MAXIMUM<br>A.S.D DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | 1/4"Ø ELCO<br>HANGER MATE                                      | HILLMAN SOLID SET #14 MALE ANCHOR CS.                   |                                                        |                                                        |                                                      | HILLMAN SOLID SET #14 MALE ANCHOR 304 SS                |                                                        |                                                        |                                                      | MAXIMUM<br>PANEL SPAN<br>(ft.) | APPLICABLE<br>TO SECTIONS<br>& ANY<br>COMBINATION<br>OF THEM. |
|-----------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|--------------------------------|---------------------------------------------------------------|
|                                                           | TO A36 STEEL                                                   | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                |                                                               |
|                                                           | W/MIN. REQ'D<br>1/8" THK. (A36)<br>1/8" threaded<br>1 3/4" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D |                                |                                                               |
|                                                           | TO A36 STEEL                                                   | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              | TO CONCRETE                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                |                                                               |
| 30.00 OR LESS                                             | 8"                                                             | 8"                                                      | 7 1/2"                                                 | 4"                                                     | 5 1/2"                                               | 7 1/2"                                                  | 6 1/2"                                                 | 3"                                                     | 5"                                                   | 12'-7"                         | A-A, B-B, D-D<br>(TOP)<br>& F-F                               |
| 30.00 - 45.00                                             | 8"                                                             | 7"                                                      | 5"                                                     | N/A                                                    | 4"                                                   | 5 1/2"                                                  | 4 1/2"                                                 | N/A                                                    | 3 1/2"                                               |                                |                                                               |
| 45.00 - 60.00                                             | 7"                                                             | 5 1/2"                                                  | 4"                                                     | N/A                                                    | 3"                                                   | 4"                                                      | 3 1/2"                                                 | N/A                                                    | 3"                                                   |                                |                                                               |
| 37.50 OR LESS                                             | 8"                                                             | 8"                                                      | 7"                                                     | 4"                                                     | 5"                                                   | 7"                                                      | 6 1/2"                                                 | 3"                                                     | 4 1/2"                                               | 8'-7"                          | A-A, B-B &<br>M-M                                             |
| 37.50 - 56.25                                             | 8"                                                             | 6 1/2"                                                  | 5"                                                     | N/A                                                    | 3 1/2"                                               | 5"                                                      | 4 1/2"                                                 | N/A                                                    | 3 1/2"                                               |                                |                                                               |
| 56.25 - 75.00                                             | 7"                                                             | 5 1/2"                                                  | 4"                                                     | N/A                                                    | 3"                                                   | 4"                                                      | 3 1/2"                                                 | N/A                                                    | 3"                                                   |                                |                                                               |
| 37.50 OR LESS                                             | 8"                                                             | 8"                                                      | 8"                                                     | 7"                                                     | 8"                                                   | 8"                                                      | 8"                                                     | 5 1/2"                                                 | 8"                                                   | 6'-7"                          | A-A, B-B, D-D<br>(TOP)<br>F-F, M-M & K-K                      |
| 37.50 - 56.25                                             | 8"                                                             | 8"                                                      | 8"                                                     | 5"                                                     | 7 1/2"                                               | 8"                                                      | 8"                                                     | 3 1/2"                                                 | 7"                                                   |                                |                                                               |
| 56.25 - 75.00                                             | 8"                                                             | 8"                                                      | 7 1/2"                                                 | 3 1/2"                                                 | 5 1/2"                                               | 7 1/2"                                                  | 6 1/2"                                                 | N/A                                                    | 5 1/2"                                               |                                |                                                               |



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**TILTECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6355 N.W. 36th. St., Ste. 305 - VIRGINIA GARDENS, FL 33166  
Phone : (305) 871-1530 , Fax : (305) 871-1531  
e-mail: tilteco@aol.com  
CA-0006719  
WALTER A. TILLIT Jr., P.E.  
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

GPP FABRIC SHUTTER - SERIES 2000

GLOBAL PROTECTION PRODUCTS, LLC.

4800 S.W. 51 STREET  
DAVIE, FL 33314  
PHONE: (954)689-7545, FAX: (954)689-8797

| REV. # | DESCRIPTION | DATE    | REV. # | DESCRIPTION | DATE |
|--------|-------------|---------|--------|-------------|------|
| 1      | OLD 23-195  | 6/25/26 | 3      |             |      |
| 2      |             |         | 4      |             |      |

W.H.  
DRAWN BY

06/25/2026

26-071

SHEET 14 OF 15

SCHEDULE # 3  
MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING FOR SINGLE PANELS  
FLOOR/CEILING MOUNT W/ STUDDED ANGLE

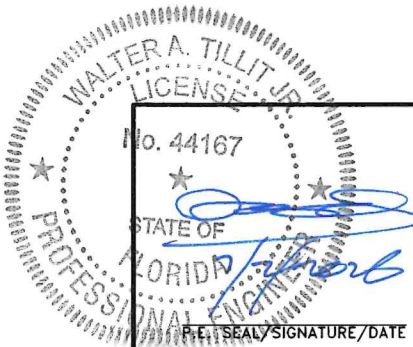
| MAXIMUM<br>A.S.D DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | 11/4"Ø DEWALT ULTRACON+ OR<br>ULTRACON SS4 ANCHOR           |                                                             |                                                             |                                                 | MAXIMUM<br>PANEL SPAN<br>(ft.) | APPLICABLE<br>TO SECTIONS<br>& ANY<br>COMBINATION<br>OF THEM. |
|-----------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------|--------------------------------|---------------------------------------------------------------|
|                                                           | TO CONCRETE                                                 | TO GROUT<br>FILLET                                          | TO HOLLOW<br>BLOCK                                          | TO WOOD                                         |                                |                                                               |
|                                                           | W/MIN. REQ'D<br>f'c = 2700psi<br>1 3/4" EMBDM<br>3 1/8" E.D | W/MIN. REQ'D<br>f'm = 1924psi<br>1 1/4" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>f'm = 1924psi<br>1 1/4" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>G = 0.55<br>1" thread<br>2" E.D |                                |                                                               |
| 30.00 OR LESS                                             | 7 1/2"                                                      | 7"                                                          | N/A                                                         | 4"                                              | 12'-7"                         | C-C, D-D<br>(BOTTOM) &<br>F'-F'                               |
| 30.00 - 45.00                                             | 5 1/2"                                                      | 5"                                                          | N/A                                                         | 3"                                              |                                |                                                               |
| 45.00 - 60.00                                             | 4"                                                          | N/A                                                         | N/A                                                         | 2 1/2"                                          |                                |                                                               |

| MAXIMUM<br>A.S.D.<br>DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | 125/16"Ø ELCO<br>ULTRACON<br>ANCHOR                           | 135/16"Ø ELCO<br>ULTRACON<br>ANCHOR                           | MAXIMUM<br>PANEL<br>SPAN<br>(ft.) | APPLICABLE TO<br>SECTIONS &<br>ANY<br>COMBINATION<br>OF THEM |
|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------|
|                                                               | TO WOOD                                                       | TO WOOD                                                       |                                   |                                                              |
|                                                               | W/MIN. REQ'D.<br>G = 0.55<br>1" Thread, Penet.<br>3 1/8" E.D. | W/MIN. REQ'D.<br>G = 0.55<br>2" Thread, Penet.<br>3 1/8" E.D. |                                   |                                                              |
| 30.00 OR LESS                                                 | 5 1/2 "                                                       | 8 "                                                           | 12 ' · 7 "<br>★                   | C - C,<br>D - D (BOTTOM)<br>& F' - F'                        |
| 30.00 - 45.00                                                 | 4 "                                                           | 8 "                                                           |                                   |                                                              |
| 45.00 - 60.00                                                 | 3 "                                                           | 6 1/2 "                                                       |                                   |                                                              |

| MAXIMUM<br>A.S.D DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | HILLMAN SOLID SET 1/4" SCREW<br>CS                       |                                                        |                                                        |                                                        | HILLMAN SOLID SER #14 FEMALE<br>ANCHOR CS.               |                                                        |                                                        |                                                        | HILLMAN SOLID SET 1/4" SCREW<br>410 SS                   |                                                        |                                                        |                                                        | HILLMAN SOLID SET #14 MALE ANCHOR<br>CS.                 |                                                        |                                                        |                                                        | HILLMAN SOLID SET #14 MALE<br>ANCHOR 304 SS              |                                                        |                                                        |                                                        | MAXIMUM<br>PANEL SPAN<br>(ft.) | APPLICABLE<br>TO SECTIONS<br>& ANY<br>COMBINATION<br>OF THEM. |
|-----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------|---------------------------------------------------------------|
|                                                           | TO CONCRETE                                              | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                                | TO CONCRETE                                              | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                                | TO CONCRETE                                              | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                                | TO CONCRETE                                              | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                                | TO CONCRETE                                              | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                                |                                |                                                               |
|                                                           | W/MIN. REQ'D<br>f'c = 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G = 0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c = 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G = 0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c = 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G = 0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c = 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G = 0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c = 3000 psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G = 0.55<br>1 1/2" thread<br>0.75" E.D |                                |                                                               |
| 30.00 OR LESS                                             | 7 1/2"                                                   | 6 1/2"                                                 | 3"                                                     | 5 1/2"                                                 | 8"                                                       | 6 1/2"                                                 | N/A                                                    | 6"                                                     | 8"                                                       | 6 1/2"                                                 | NA                                                     | 5"                                                     | 8"                                                       | 7 1/2"                                                 | NA                                                     | 6"                                                     | 6 1/2"                                                   | 5"                                                     | N/A                                                    | 6 1/2"                                                 | 12'-7"                         | C-C, D-D<br>(BOTTOM) &<br>F'-F'                               |
| 30.00 - 45.00                                             | 5 1/2"                                                   | 4 1/2"                                                 | N/A                                                    | 4"                                                     | 5 1/2"                                                   | 4 1/2"                                                 | N/A                                                    | 3 1/2"                                                 | 5 1/2"                                                   | 4 1/2"                                                 | NA                                                     | 3 1/2"                                                 | 6"                                                       | 5 1/2"                                                 | NA                                                     | 4 1/2"                                                 | 4 1/2"                                                   | 3 1/2"                                                 | N/A                                                    | 4 1/2"                                                 |                                |                                                               |
| 45.00 - 60.00                                             | 4 1/2"                                                   | 3 1/2"                                                 | N/A                                                    | 3"                                                     | 4 1/2"                                                   | 4"                                                     | N/A                                                    | 3"                                                     | 4 1/2"                                                   | 4"                                                     | NA                                                     | 3"                                                     | 5"                                                       | 4 1/2"                                                 | NA                                                     | 3 1/2"                                                 | 4"                                                       | N/A                                                    | N/A                                                    | 3 1/2"                                                 |                                |                                                               |

\* SEE SCHEDULE 3B ON SHEET 15 FOR ADDITIONAL ANCHOR  
SPACING FOR MAXIMUM PANEL SPANS >12'-7" UP TO 16'-2"

NOTE: EMBEDMENT AND EDGE DISTANCE ARE  
BEYOND ANY FINISH MATERIAL.



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**TILTECO INC.**

TILLIT TESTING & ENGINEERING COMPANY

6355 N.W. 36th. St., Ste. 305 - VIRGINIA GARDENS, FL 33166

Phone : (305) 871-1530 - Fax : (305) 871-1531

e-mail: tilteco@aol.com

CA-0006719

WALTER A. TILLIT Jr., P.E.

FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

GPP FABRIC SHUTTER - SERIES 2000

W.H.  
DRAWN BY

GLOBAL PROTECTION PRODUCTS, LLC.

06/25/2026

4800 S.W. 51 STREET  
DAVIE, FL. 33314  
PHONE: (954)689-7545, FAX: (954)689-8797

26-071

| REV N° | DESCRIPTION | DATE    | REV N° | DESCRIPTION | DATE |
|--------|-------------|---------|--------|-------------|------|
| 1      | OLD 23-195  | 6/25/26 | 3      |             |      |
| 2      |             |         | 4      |             |      |

SHEET 14A OF 15

SCHEDULE # 3A  
MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING  
MAXIMUM ANCHOR SPACING FOR OVERLAPPED MULTIPLE PANELS:

DIRECT MOUNT

| MAXIMUM<br>A.S.D DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | J<br>1/4"Ø ELCO PANELMATE PRO                           |                                                       |                                                     | J1<br>1/4"Ø ELCO FEMALE ID PANELMATE                        |                                                       |                                                     | S<br>SOLID SET #14 MALE ANCHOR CS.                                      |                                                        |                                                            |                                                      | U<br>SOLID SET #14 MALE ANCHOR CS.                                      |                                                        |                                                            |                                                      | V<br>SOLID SET #14 MALE ANCHOR<br>304 SS                                |                                                        |                                                        |                                                      | MAXIMUM<br>PANEL SPAN<br>(ft.) | APPLICABLE<br>TO SECTIONS<br>& ANY<br>COMBINATION<br>OF THEM. |
|-----------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|--------------------------------|---------------------------------------------------------------|
|                                                           | TO CONCRETE                                             | TO GROUT OR<br>HOLLOW BLOCK                           | TO WOOD                                             | TO CONCRETE                                                 | TO GROUT OR<br>HOLLOW BLOCK                           | TO WOOD                                             | TO CONCRETE                                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                         | TO WOOD                                              | TO CONCRETE                                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                         | TO WOOD                                              | TO CONCRETE                                                             | TO GROUT<br>FILLET                                     | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                |                                                               |
|                                                           | W/MIN. REQ'D<br>f'c= 3350 psi<br>2" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>f'm=2071psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 7/8" thread<br>3/4" E.D | W/MIN. REQ'D<br>f'c= 3350 psi<br>1 3/4" EMBDM<br>2 1/2" E.D | W/MIN. REQ'D<br>f'm=2071psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 7/8" thread<br>3/4" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D |                                |                                                               |
| 30.00 OR LESS                                             | 8"                                                      | 4 1/2"                                                | 7"                                                  | 6 1/2"                                                      | N/A                                                   | 7"                                                  | 8"                                                                      | 7"                                                     | 3 1/2"                                                     | 5"                                                   | 8"                                                                      | 7"                                                     | 3 1/2"                                                     | 5"                                                   | 7"                                                                      | 6 1/2"                                                 | N/A                                                    | 5"                                                   | 12'-7"                         | G-G                                                           |
| 30.00 - 45.00                                             | 6 1/2"                                                  | N/A                                                   | 5"                                                  | 5"                                                          | N/A                                                   | 5"                                                  | 6 1/2"                                                                  | 5"                                                     | NA                                                         | 4"                                                   | 6 1/2"                                                                  | 5"                                                     | N/A                                                        | 4"                                                   | 5"                                                                      | 4 1/2"                                                 | N/A                                                    | 3 1/2"                                               |                                |                                                               |
| 45.00 - 60.00                                             | 5 1/2"                                                  | N/A                                                   | 4 1/2"                                              | 4"                                                          | N/A                                                   | 4 1/2"                                              | 5 1/2"                                                                  | 4 1/2"                                                 | NA                                                         | 3"                                                   | 5 1/2"                                                                  | 4 1/2"                                                 | N/A                                                        | 3"                                                   | 4 1/2"                                                                  | 3 1/2"                                                 | N/A                                                    | 3"                                                   |                                |                                                               |
| 37.50 OR LESS                                             | 5"                                                      | N/A                                                   | 3 1/2"                                              | N/A                                                         | N/A                                                   | 3 1/2"                                              | 5"                                                                      | 4"                                                     | NA                                                         | 2 1/2"                                               | 5"                                                                      | 4"                                                     | N/A                                                        | 2 1/2"                                               | 4"                                                                      | 4"                                                     | N/A                                                    | 2 1/2"                                               | 8'-7"                          | I-I                                                           |
| 37.50 - 56.25                                             | N/A                                                     | N/A                                                   | 2 1/2"                                              | N/A                                                         | N/A                                                   | 2 1/2"                                              | 4"                                                                      | N/A                                                    | N/A                                                        | 2"                                                   | 4"                                                                      | N/A                                                    | N/A                                                        | 2"                                                   | 3"                                                                      | N/A                                                    | N/A                                                    | 2"                                                   |                                |                                                               |
| 56.25 - 75.00                                             | N/A                                                     | N/A                                                   | 2 1/2"                                              | N/A                                                         | N/A                                                   | 2 1/2"                                              | 3 1/2"                                                                  | N/A                                                    | N/A                                                        | 2"                                                   | 3 1/2"                                                                  | N/A                                                    | N/A                                                        | 2"                                                   | N/A                                                                     | N/A                                                    | N/A                                                    | 1 1/2"                                               |                                |                                                               |

SCHEDULE # 3B  
MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING FOR  
SINGLE AND OVERLAPPED PANELS AS PER SECTIONS A-A , F-F , G-G

| MAXIMUM<br>A.S.D.<br>DESIGN<br>PRESSURE<br>RATING<br>(p.s.f.) | J 1/4" Ø ELCO PANELMATE PRO                                    |                                                               |                                                                | S SOLID SET #14<br>FEMALE ANCHOR CS & U SOLID SET #14<br>MALE ANCHOR CS. |                                                        |                                                        |                                                      | MAXIMUM<br>PANEL<br>SPAN<br>(ft) | APPLICABLE TO<br>SECTIONS<br>& ANY<br>COMBINATION<br>OF THEM |
|---------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|----------------------------------|--------------------------------------------------------------|
|                                                               | TO CONCRETE                                                    | TO GROUT FILLED<br>& HOLLOW BLOCK                             | TO WOOD                                                        | TO CONCRETE                                                              | TO GROUT<br>FILLED BLOCK                               | TO HOLLOW<br>BLOCK                                     | TO WOOD                                              |                                  |                                                              |
|                                                               | W/MIN. REQ'D.<br>f'c= 3350 p.s.i<br>2" EMBEDMENT<br>2 1/2" E.D | W/MIN. REQ'D.<br>f'm= 2071p.s.i<br>1 1/4" EMBEDMENT<br>3" E.D | W/MIN. REQ'D.<br>G= 0.55<br>1 1/2" THREADED PENET.<br>3/4" E.D | W/MIN. REQ'D<br>f'c= 3000 psi<br>1 3/4" EMBDM<br>3" E.D                  | W/MIN. REQ'D<br>ASTM C-90psi<br>1 3/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>ASTM C-90psi<br>1 1/4" EMBDM<br>3" E.D | W/MIN. REQ'D<br>G=0.55<br>1 1/2" thread<br>0.75" E.D |                                  |                                                              |
| 30.00 OR LESS                                                 | 5"                                                             | 4"                                                            | 5"                                                             | 5"                                                                       | 4"                                                     | 4"                                                     | 3 1/2"                                               | >12'-7" UP<br>TO 14'-0"          | A-A TOP<br>F-F & G-G<br>TOP/BOTTOM                           |
| 30.00 - 45.00                                                 | 5"                                                             | N/A                                                           | 4"                                                             | 5"                                                                       | N/A                                                    | N/A                                                    | 3"                                                   |                                  |                                                              |
| >45.00 TO 53.3                                                | 4"                                                             | N/A                                                           | 3"                                                             | 4"                                                                       | N/A                                                    | N/A                                                    | N/A                                                  |                                  |                                                              |
| 30.00 OR LESS                                                 | 5"                                                             | 4" **                                                         | 5"                                                             | 5"                                                                       | 4" **                                                  | 4" **                                                  | 3 1/2"                                               | >14'-0" UP<br>TO 16'-2"          | A-A TOP<br>F-F & G-G<br>TOP/BOTTOM                           |
| 30.00 - 45.00                                                 | 4"                                                             | N/A                                                           | 3"                                                             | 4"                                                                       | N/A                                                    | N/A                                                    | N/A                                                  |                                  |                                                              |
| >45.00 TO 53.3                                                | 4" *                                                           | N/A                                                           | 3"                                                             | 4" *                                                                     | N/A                                                    | N/A                                                    | N/A                                                  |                                  |                                                              |

\*LIMITED TO 47.00 p.s.f. MAXIMUM A.S.D. DESIGN PRESSURE REQ'D.  
\*\*LIMITED TO 28.00 p.s.f. MAXIMUM A.S.D. DESIGN PRESSURE REQ'D.

NOTE: EMBEDMENT AND EDGE DISTANCE ARE  
BEYOND ANY FINISH MATERIAL.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

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**TILTECO** inc.

TILLIT TESTING & ENGINEERING COMPANY  
6355 N.W. 36th. St., Ste. 305 - VIRGINIA GARDENS, FL 33166  
Phone : (305) 871-1530 , Fax : (305) 871-1531  
e-mail: tilteco@aol.com  
CA-0006719  
WALTER A. TILLIT Jr., P.E.  
FLORIDA Lic. # 44167

GPP FABRIC SHUTTER - SERIES 2000

GLOBAL PROTECTION PRODUCTS, LLC.

4800 S.W. 51 STREET  
DAVIE, FL. 33314  
PHONE: (954)689-7545, FAX: (954)689-8797