

GENERAL NOTES

(VALID FOR REGULAR LIFE SAFETY & E-Z HANG STORM PANELS):

1. STORM PANEL 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 STORM PANEL 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 BASIC WIND SPEED AS REQUIRED BY THE JURISDICTION WHERE STORM PANEL WILL BE INSTALLED, AND FOR A DIRECTIONALITY FACTOR $KD=0.85$, USING ASCE 7-22 AND SHALL NO EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEETS 3, 9 THRU 12 & 17, 18.
IN ORDER TO VERIRY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN PRESSURE RATING BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEETS 3, 9 THRU 12 & 17, 18.
IN ORDER TO VERIFY THAT 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. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH ANSI/AWC NDS-24 STORM PANEL'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 TEST LAB OF SOUTH FLORIDA REPORTS #0814.01-01 AND #0219.02-09, AS PER ASTM E 1996 & ASTM E 330 STANDARDS, AND AMERICAN TESTING LAB SOUTH FLORIDA REPORT #1123.01-10 AS PER TAS-201 AND TAS-203 PROTOCOLS, AND AS PER CALCULATIONS PERFORMED IN ACCORDANCE W/ SECTION 1604 OF THE FLORIDA BUILDING CODE. IMPACT MISSILE IS TYPE D.

2. ALL ALUMINUM EXTRUSIONS TO BE 6063-T6 ALLOY AND TEMPER. (UNLESS OTHERWISE NOTED). SEE SHEET 2. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR METALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.

3. ALL ALUMINUM SHEET METAL USED AT CLOSURES SHALL HAVE 3105-H14 ALLOY.

4. ALL STEEL SHEET METAL PANELS SHALL HAVE STRUCTURAL QUALITY STEEL, ASTM A-653 GRADE 80 MINIMUM, G-60 GALVANIZED STEEL DESIGNATION W/FY= 92.2 ksi (AFTER ROLLED).

5. ALL SCREWS ANCHORS TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 W/ MIN. 50 ksi YIELD STRENGTH AND MIN. 90 ksi TENSILE STRENGTH AND SHALL COMPLY W/ FLORIDA BUILDING CODE SECTIONS 2411.3.3.4 & 1711.

6. BOLTS TO BE ASTM A-307 GALVANIZED STEEL, OR AISI 304 SERIES STAINLESS STEEL, WITH 36 ksi MINIMUM YIELD STRENGTH.

7. ANCHORS SHALL BE AS FOLLOWS AS PER SPECIFICATIONS ON SHEET 1A
8. PANELS MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION DETAILS SHOWN ON SECTION 1 THROUGH 6 (SHEETS 4 THROUGH 5) EXCEPT THAT HEADERS ② & ⑧ SHALL NOT BE USED.

9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE SHUTTER IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. THIS SHUTTER SHALL ONLY BE ATTACHED TO CONCRETE, BLOCK OR WOOD FRAME BUILDINGS.

10. EACH REGULAR STORM PANEL WITH LENGTHS OVER 90", AS PER SECTIONS 1, 2, 4, 5, 6 AND ALTERNATIVES 1W, 3W & 4W ON SHEETS 4, 5, 6 & 7 RESPECTIVELY; SHALL HAVE A LEGIBLE AND READILY VISIBLE MARKING INSTRUCTING OWNER OR TENANT TO SECURE PANELS WITH APPLICABLE REINFORCEMENT DURING PERIODS OF HURRICANE WARNING.

11. THE INSTALLATION CONTRACTOR IS TO SEAL/CAULK ALL SHUTTER COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING TO PREVENT WIND/RAIN INTRUSION.

12. STORM PANEL INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

13. (a) THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS 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 PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.
(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.

14. SHUTTER MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT STORM PANEL SHUTTER IN ACCORDANCE WITH SECTION 1709.9.2 OF FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABELING TO COMPLY WITH SECTION 1709.9.3 OF THE FLORIDA BUILDING CODE.



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WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

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

W.H
DRAWN BY:

6/26/2026
DATE:

26-069
DRAWING No:

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

SHEET 1 OF 18

ANCHOR SCHEDULE *

ANCHOR NAME	MANUFACTURED BY:	ANCHOR DIMENSIONS	MIN. EMBEDMENT				MIN. E.D			
			CONCRETE	GROUT FILLED	HOLLOW BLOCK	WOOD	CONCRETE	GROUT FILLED	HOLLOW BLOCK	WOOD
ULTRACON+ OR ULTRACON SS4	DEWALT	1/4"Ø	1 3/4"	—	1 1/4"	1 1/2"	2 1/2"	—	2 1/2"	SEE NOTE 5
PANELMATE FEMALE ID	ELCO CONSTRUCTION PRODUCTS	#14-10	2"	—	1 1/4"	1 7/8"	2 1/2"	—	3"	—
PANELMATE PLUS	ELCO CONSTRUCTION PRODUCTS	#14-10	2"	—	1 1/4"	1 7/8"	2 1/2"	—	3"	—
LAG SCREW	N.S.D	1/4"Ø	—	—	—	1 1/2"	—	—	—	SEE NOTE 5
SOLID SET 1/4" SCREW CS.	THE HILLMAN GROUP, INC.	1/4"Ø	1 3/4"	1 3/4"	1 1/4"	1 1/2"	3"	3"	3"	0.75"
SOLID SET #14 FEMALE ANCHOR CS.	THE HILLMAN GROUP, INC.	1/4"Ø	1 3/4"	1 3/4"	1 1/4"	1 1/2"	3"	3"	3"	0.75"
SOLID SET 1/4" SCREW 410 SS.	THE HILLMAN GROUP, INC.	1/4"Ø	1 3/4"	1 3/4"	1 1/4"	1 1/2"	3"	3"	3"	0.75"
SOLID SET #14 MALE ANCHOR CS.	THE HILLMAN GROUP, INC.	1/4"Ø	1 3/4"	1 3/4"	1 1/4"	1 1/2"	3"	3"	3"	0.75"
SOLID SET #14 MALE ANCHOR 304 SS.	THE HILLMAN GROUP, INC.	1/4"Ø	1 3/4"	1 3/4"	1 1/4"	1 1/2"	3"	3"	3"	0.75"

* NOTES:

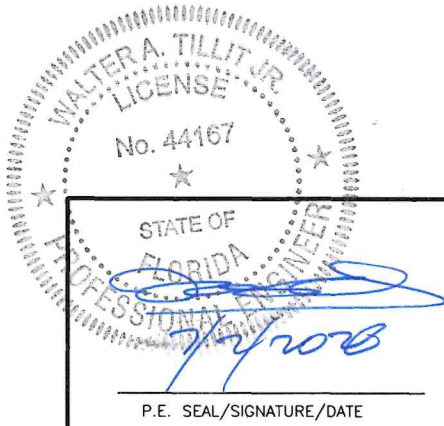
1. CONCRETE TO BE:
3192 psi FOR: TAPCON

3000 Psi FOR: ALL POINT SOLID SET/ CALK-IN / THE HILLMAN SOLID SET SCREW CS / THE HILLMAN SOLID SET FEMALE CS /THE HILLMAN SOLID SET SCREW 410 SS/ THE HILLMAN SOLID SET MALE CS / THE HILLMAN SOLID SET MALE 304 SS

3350 psi FOR: ELCO PANELMATE FEMALE/ ELCO PANELMATE PLUS
2. HOLLOW BLOCK & GROUT BLOCK TO BE ASTM C-90
3. WOOD TO BE SOUTHERN PINE #2 W/ G=0.55
4. ALL CARBON STEEL CREW ANCHORS SHALL BE SAE 1022 PER SAE J1933. ALL STAINLESS STEEL SCREW ANCHORS SHALL BE SERIES 410 OR SERIES 304 AS SPECIFIED HEREIN. CARBON STEEL SCREWS SHALL HAVE THE FOLLOWING CORROSION-PROTECTIVE COATINGS:

BASE COAT: GALVANIZED
TOP COAT: ORGANIC COATING (COLOR MAY VARY)
SEE GENERAL NOTE 5 ON SHEET 1.
5. AS SHOWN ON SHEETS 6, 7, 15, 16 & 18. MUST BE GALV. STEEL 2/ 1000 hrs PER ASTM B-117.

6. E.D & EMBEDMENT FOR CONCRETE & MASONRY ANCHORS ARE MEASURED BEYOND ANY FINISH. IN CASE THAT PRECAST STONE, PRECAST CONCRETE PANELS, PAVERS, STUCCO OR WOOD BOARDS BE FOUND ON THE EXISTING WALL OR FLOOR, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN STRUCTURE BEHIND SUCH PANELS.
7. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE ANCHOR MANUFACTURER'S SPECIFICATIONS & INSTRUCTIONS. ONLY STAINLESS STEEL ANCHORS ARE ALLOWED AT INSTALLATIONS WITHIN 300 ft FROM COASTAL SHORELINE.
8. ALL GROUT SHALL BE MIN. f'c=2ksi.



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FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

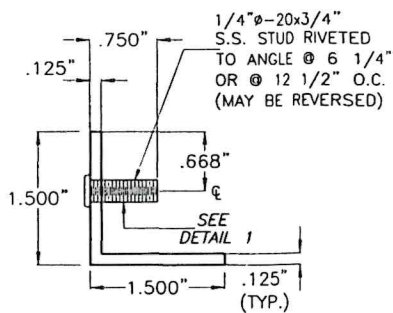
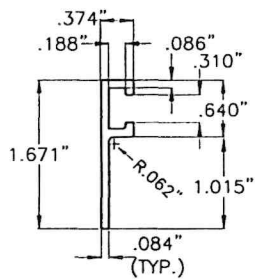
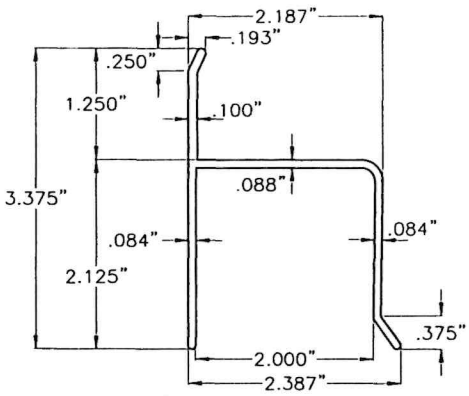
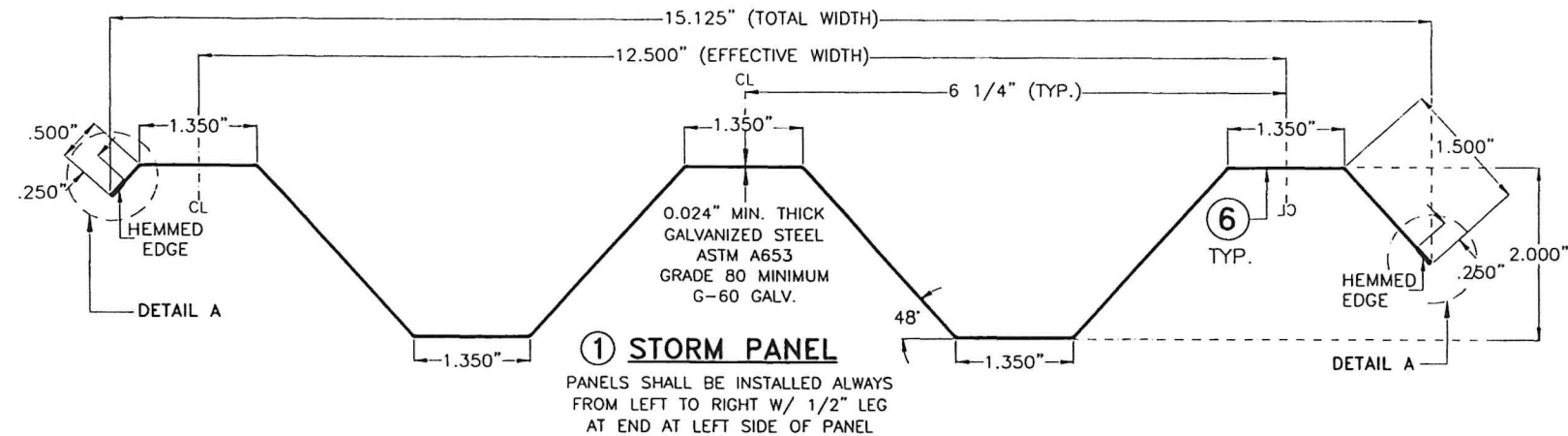
4800 S.W. 51 STREET
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PHONE: (954)689-7545, FAX: (954)689-8797

W.H
DRAWN BY:
6/26/2026
DATE:
26-069
DRAWING No:
SHEET 1A OF 18

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

COMPONENTS FOR REGULAR, LIFE SAFETY & E-Z HANG STORM PANEL SYSTEMS

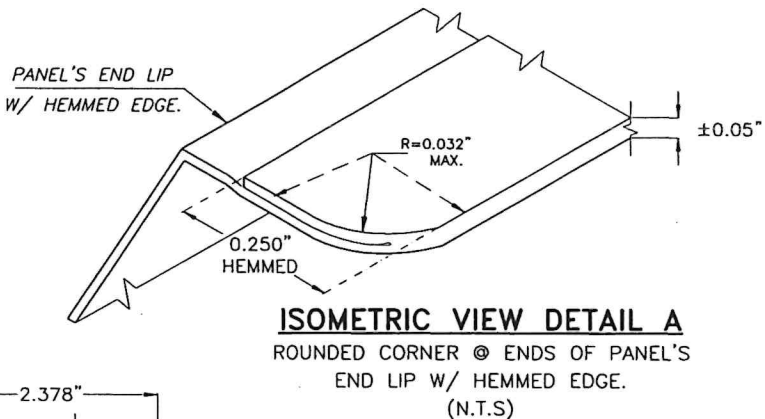
(SCALE 1/2=1")



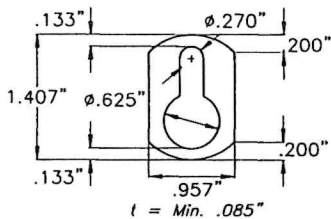
2 "H" HEADER

3 "F" TRACK

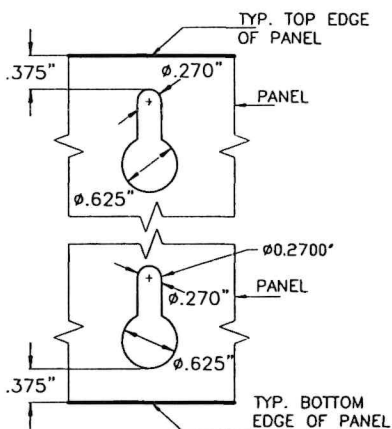
4 ANGLE WITH STUD



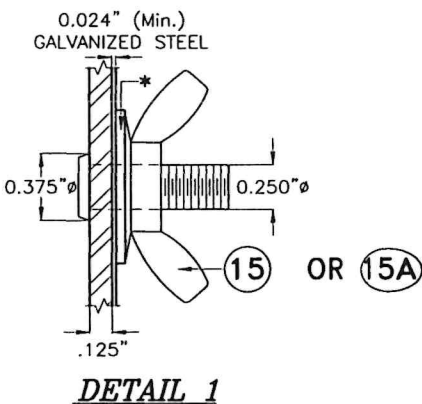
ISOMETRIC VIEW DETAIL A
ROUNDED CORNER @ ENDS OF PANEL'S
END LIP W/ HEMMED EDGE.
(N.T.S)



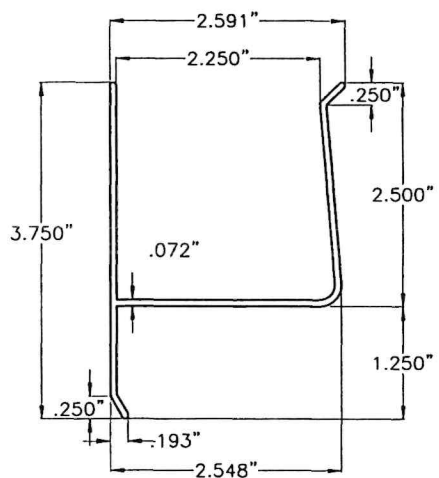
5 KEY HOLE WASHER
3105-H154 ALUM. ALLOY



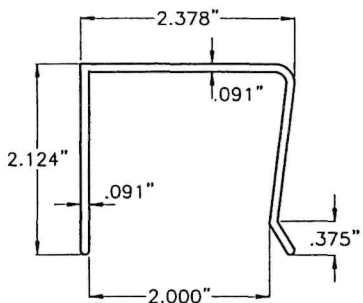
6 KEY HOLE AT PANEL



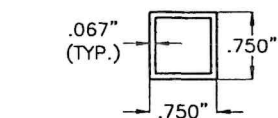
DETAIL 1



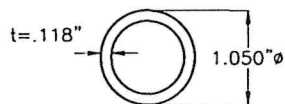
7 REV. "H" HEADER



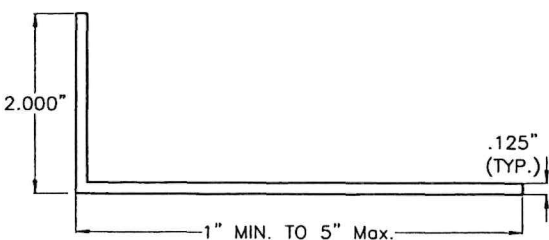
8 "U" HEADER



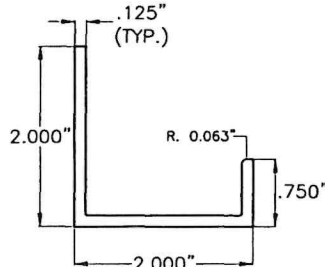
9 SLEEVE 2 1/8" MAX. LENGTH



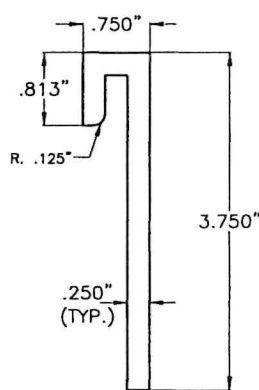
9A SLEEVE 1" MAX. LENGTH *
6061-T6 ALLOY



10 ANGLE

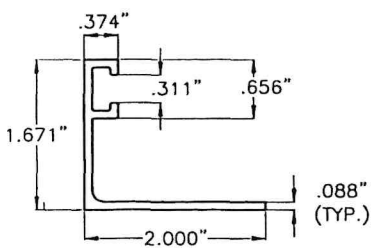


11 "J" TRACK

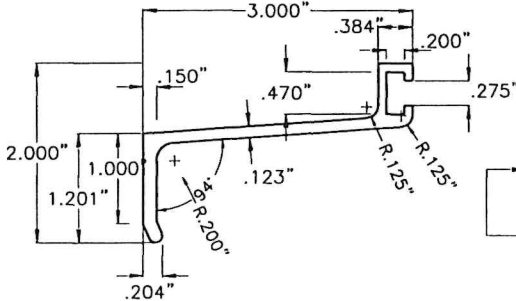


12 PANEL HANGER
(1 1/4" WIDE)

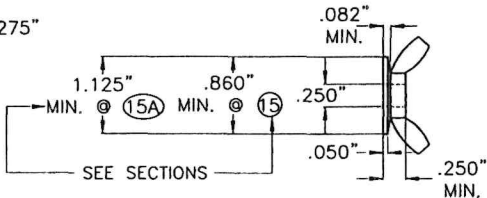
(USE ONLY FOR E-Z HANG STORM PANEL
SYSTEM) 6063-T6 ALUM. ALLOY



13 BUILD-OUT "F"
TRACK ANGLE



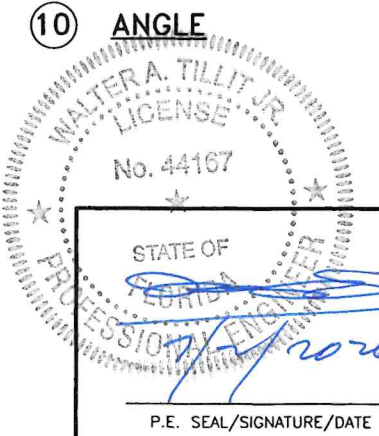
14 BUILD-OUT "F" TRACK



15 & 15A WASHNERED WINGNUT
(ZAMAC 3 ALLOY)

* SEE SHEET 6 FOR ADDITIONAL
LIMITATIONS IF SLEEVE LENGTH IS 1 1/2\"/>

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WALTER A. TILLIT Jr., P.E.
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24 GAGE GALVANIZED STEEL STORM PANEL					W.H DRAWN BY:	
GLOBAL PROTECTION PRODUCTS, LLC.					6/26/2026 DATE:	
4800 S.W. 51 STREET DAVIE, FL. 33314 PHONE: (954)689-7545, FAX: (954)689-8797					26-069 DRAWING No:	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
1	OLD 23-193	6/26/26	3			
2			4			

MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING
MAXIMUM SINGLE PANEL ① LENGTH "L" SCHEDULE ONLY FOR REGULAR STORM
PANELS INSTALLATION INTO POURED CONCRETE, CONCRETE BLOCK & WOOD (†)

SINGLE PANELS ① UNRESTRAINED
AT TOP OR BOTTOM
WITH TRACKS ② OR ⑧ *

MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) (+ or -)	CONCRETE & WOOD INSTALLATIONS †	
	L+	L-
20.0	12'-0"	12'-0"
25.0	12'-0"	11'-8"
30.0	11'-8"	10'-9"
35.0	10'-10"	10'-0"
40.0	10'-1"	9'-4"
45.0	9'-6"	8'-9"
50.0	9'-1"	8'-4"
55.0	8'-7"	8'-0"
60.0	8'-3"	7'-7"
65.0	8'-0"	7'-4"
70.0	7'-8"	7'-0"
75.0	7'-5"	6'-10"
80.0	7'-2"	6'-7"
85.0	7'-0"	6'-5"
90.0	6'-9"	6'-2"
95.0	6'-9"	6'-0"
100.0	6'-5"	5'-11"
105.0	6'-3"	5'-9"
110.0	-	5'-7"
115.0	-	5'-6"
119.6	-	5'-5"

SINGLE PANELS ① RESTRAINED AT EACH
END WITH TRACKS ③, ④, ⑬ & ⑭ OR
DIRECT MOUNTED AT EACH END*

MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) (+ or -)	CONCRETE & WOOD INSTALLATIONS †	
	L+	L-
20.0	14'-4"	13'-0"
25.0	12'-10"	11'-7"
30.0	11'-8"	10'-7"
35.0	10'-10"	9'-9"
40.0	9'-6"	9'-2"
45.0	9'-1"	8'-7"
50.0	8'-7"	8'-2"
55.0	8'-3"	7'-9"
60.0	8'-0"	7'-5"
65.0	7'-8"	7'-2"
70.0	7'-5"	6'-11"
75.0	7'-2"	6'-8"
80.0	7'-0"	6'-5"
85.0	7'-0"	6'-3"
90.0	6'-9"	6'-1"
95.0	6'-7"	5'-10"
100.0	6'-3"	5'-7"
105.0	6'-3"	5'-4"
110.0	-	5'-1"
115.0	-	4'-10"
119.6	-	4'-8"

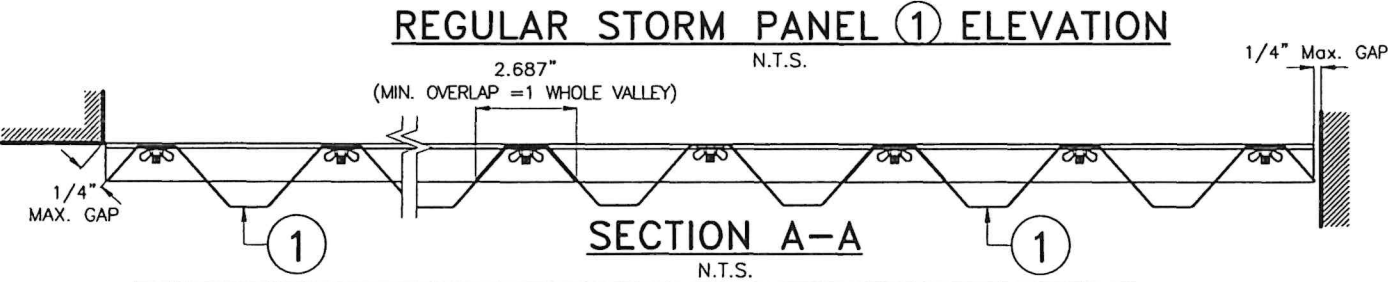
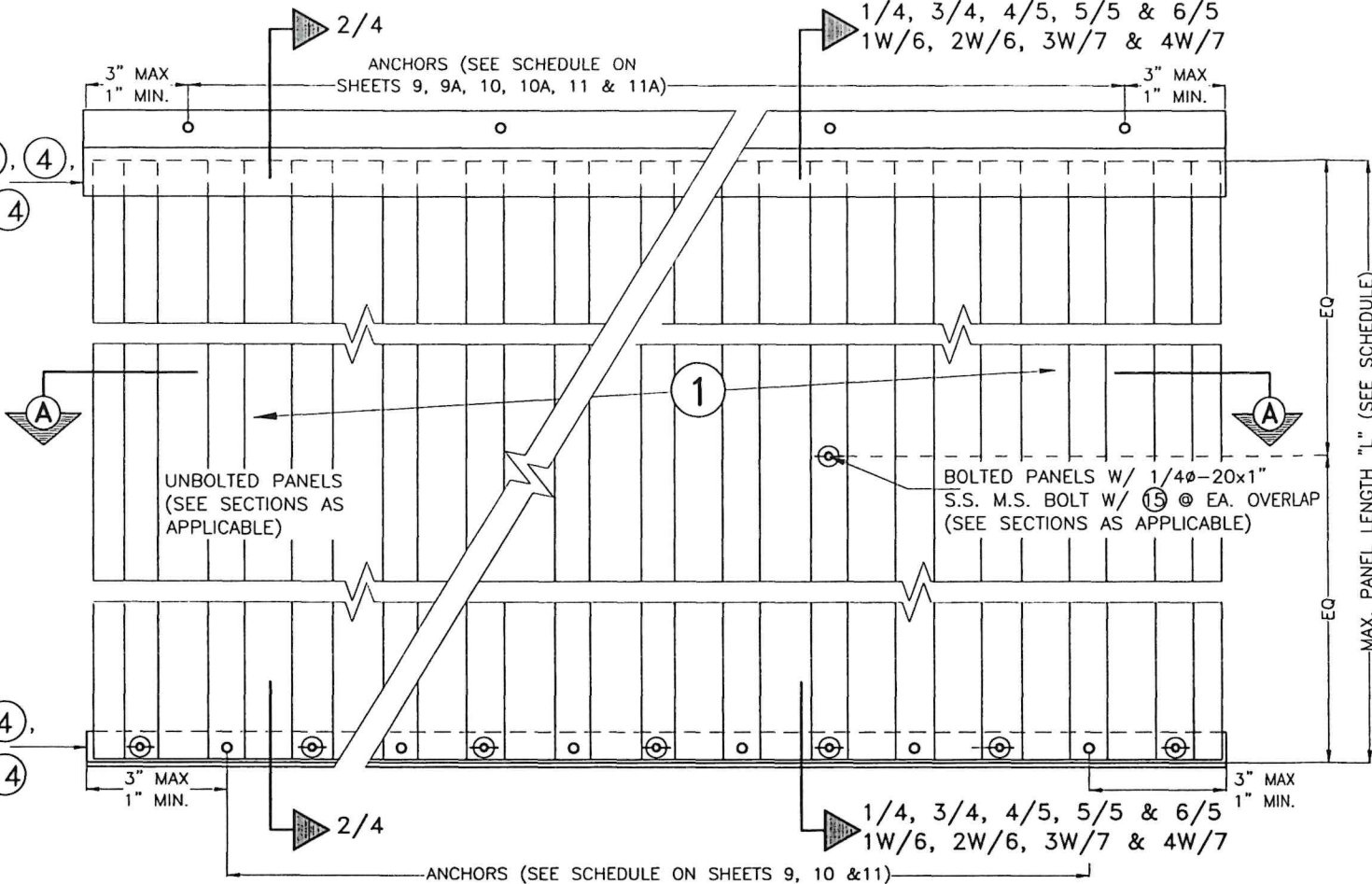
MAXIMUM PANEL LENGTH (in)	MINIMUM SEPARATION TO GLASS SCHEDULE			
	WIND SPEED ≤ 170 m.p.h		WIND SPEED > 170 m.p.h	
	UNRESTRAINED	RESTRAINED	UNRESTRAINED	RESTRAINED
30 OR LESS	1"	1"	6"	6 1/4"
>33 TO 90	1"	1"	7 1/2"	7 1/2"
>90 TO 145	1"	1"	7 1/2"	7 1/2"
>145 TO 168.3	1"	1"	-	7 1/2"

MINIMUM PANEL LENGTH (in) FOR A GIVEN MOUNTING CONDITION

TOP	DIRECT MOUNT	"h" HEADER	"U" HEADER	1.5"x1.5" STUD ANGLE	"F" TRACK	BUILD-OUT "F" TRACK ANGLE W/SIDE CLOSURES	BUILD-OUT "F" TRACK W/SIDE CLOSURES
—	DIRECT MOUNT	46"	32"	32"	35"	55"	50"
④	1.5"x1.5" STUD ANGLE	35"	32"	32"	42"	38"	38"
③	"F" TRACK	55"	32"	32"	42"	67"	60"
⑬	BUILD-OUT "F" TRACK ANGLE W/ SIDE CLOSURES	50"	32"	32"	38"	60"	56"
⑭	BUILD-OUT "F" TRACK W/ SIDE CLOSURES	50"	32"	32"	38"	60"	56"

D.M.. ②, ③, ④,
⑧, ⑬ or ⑭

D.M.. ③, ④,
⑬ or ⑭



NOTES:
① L+: MAXIMUM ALLOWABLE PANEL LENGTH FOR A GIVEN POSITIVE A.S.D. DESIGN LOAD.
L-: MAX. ALLOWABLE PANEL LENGTH FOR A GIVEN NEGATIVE A.S.D. DESIGN LOAD.
(2) PROCEDURE TO DETERMINE MAXIMUM PANEL LENGTH:
GIVEN A POSITIVE A.S.D. DESIGN LOAD, DETERMINE MAXIMUM PANEL LENGTH "L+" FROM SCHEDULE.
GIVEN A NEGATIVE A.S.D. DESIGN LOAD, DETERMINE MAXIMUM PANEL LENGTH "L-" FROM SCHEDULE.
FINAL MAXIMUM ALLOWABLE PANEL LENGTH IS EQUAL TO THE MINIMUM DETERMINED PANEL LENGTH
BETWEEN "L+" AND "L-".
(3) SEE SCHEDULE BELOW FOR MIN. PANEL LENGTH FOR POROSITY QUALIFICATION.

† INSTALLATIONS INTO WOOD ARE LIMITED TO ± 95 p.s.f. MAX. A.S.D. DESIGN PRESSURE RATING

* SEE SHEETS 9, 9A, 10, 10A, 11 & 11A FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS FOR SECTION 6/5 WHEN SPACER ⑨A IS USED.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

WALTER A. TILLIT JR.
LICENSE
STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 44167

P.E. SEAL/SIGNATURE/DATE

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TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
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1	OLD 23-193	6/26/26	3		
2			4		

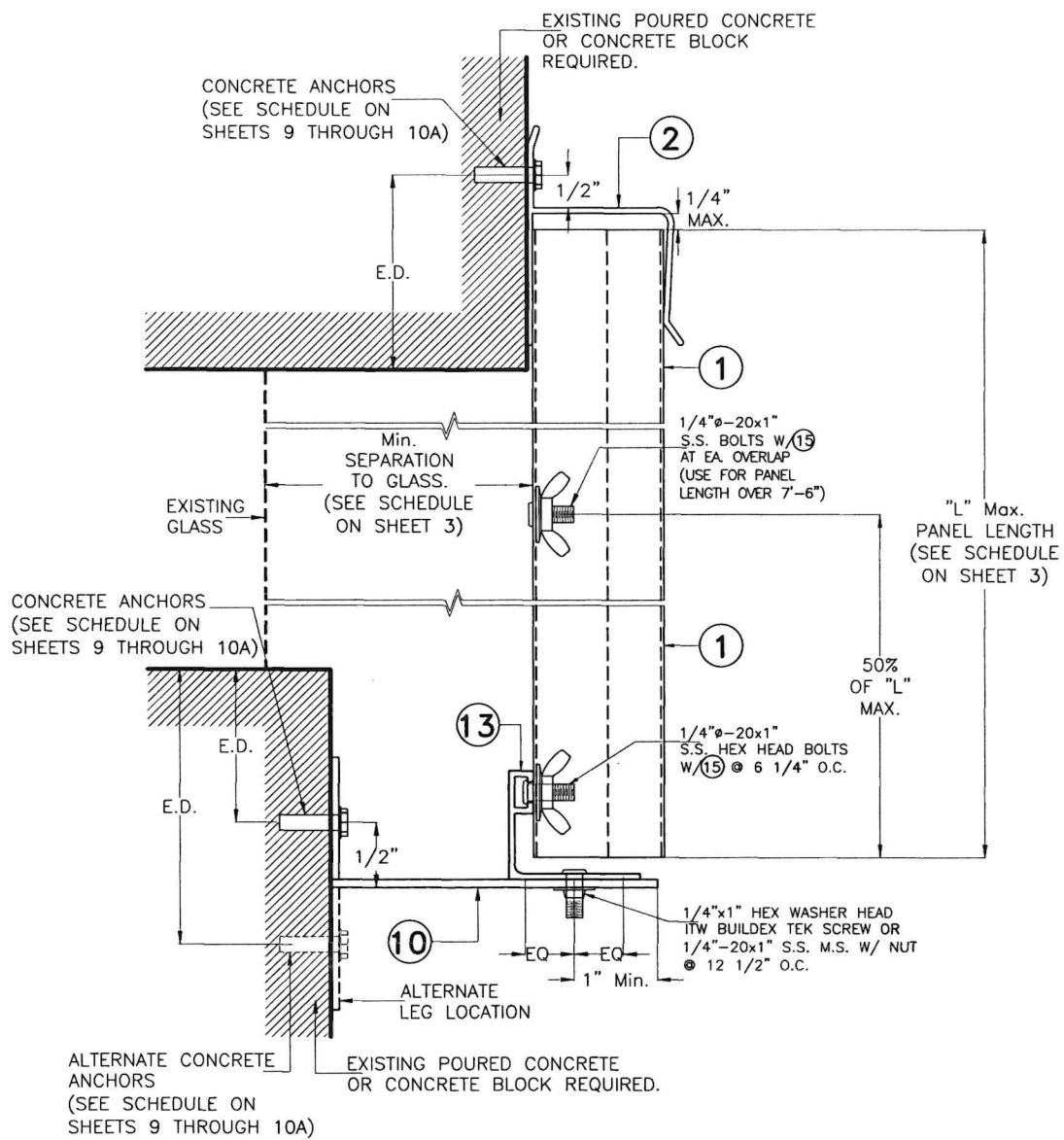
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6/26/2026
DATE:

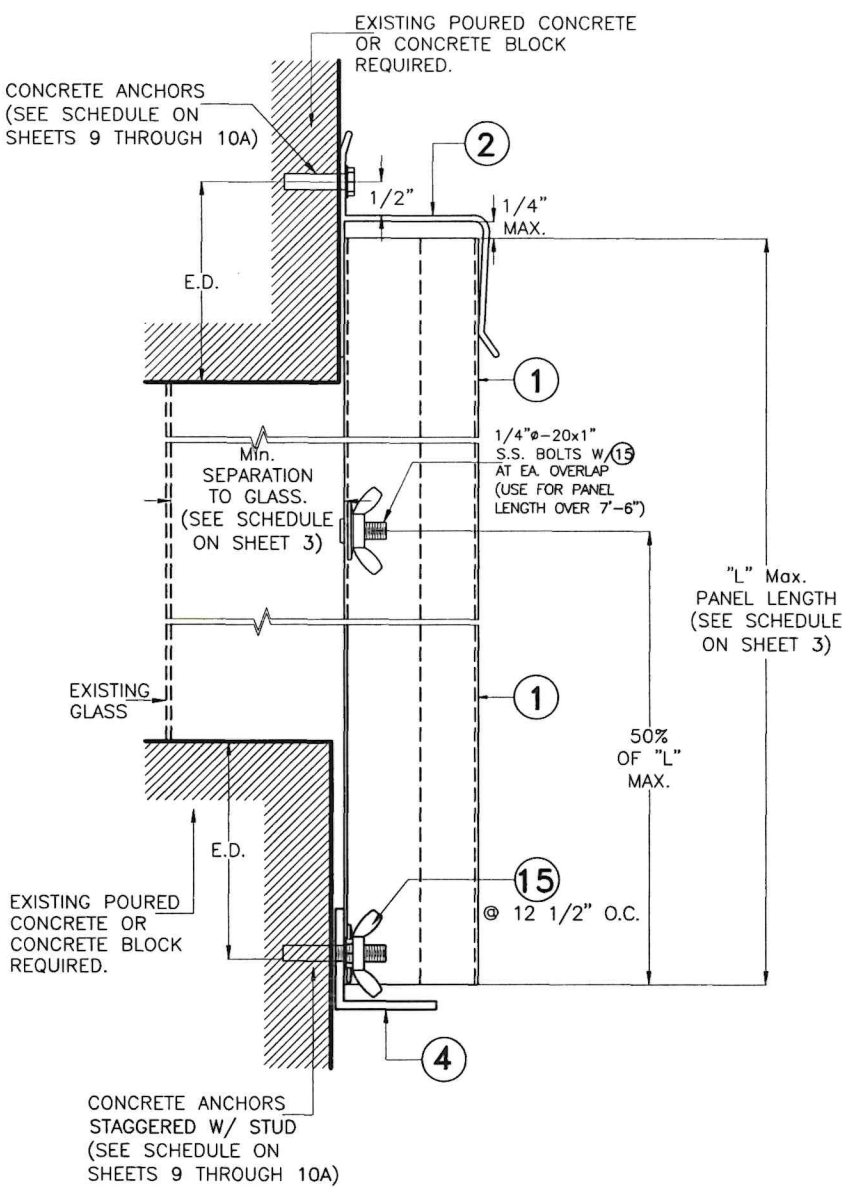
26-069
DRAWING No:

SHEET 3 OF 18

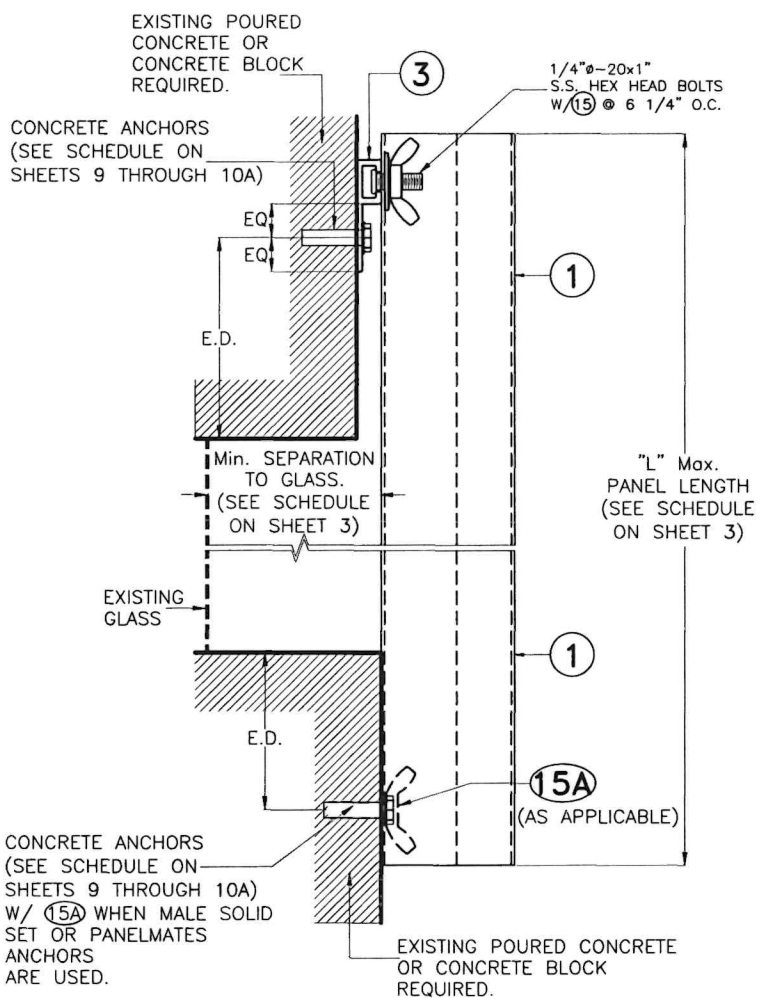
INSTALLATION DETAILS FOR REGULAR PANEL ①
INTO POURED CONCRETE OR CONCRETE BLOCK STRUCTURES



BUILD-OUT MOUNTING
SECTION 1
SCALE 3/8=1"



WALL MOUNTING
SECTION 2
SCALE 3/8=1"



WALL MOUNTING / DIRECT MOUNT
SECTION 3
SCALE 3/8=1"

E.D. = EDGE DISTANCE(SEE SCHEDULE ON SHEETS 1A, 9, 9A, 10 & 10A)

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

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

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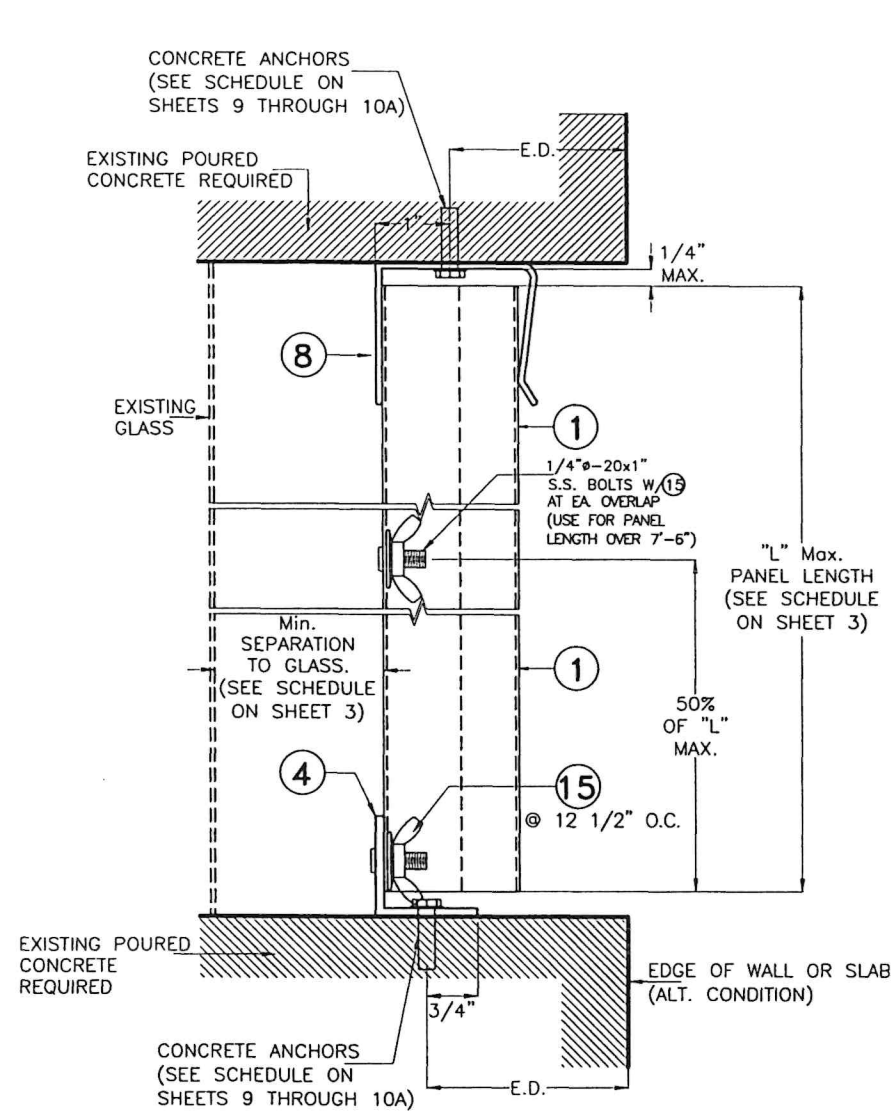
FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL
GLOBAL PROTECTION PRODUCTS, LLC.
4800 S.W. 51 STREET
DAVIE, FL 33314
PHONE: (954)689-7545, FAX: (954)689-8797

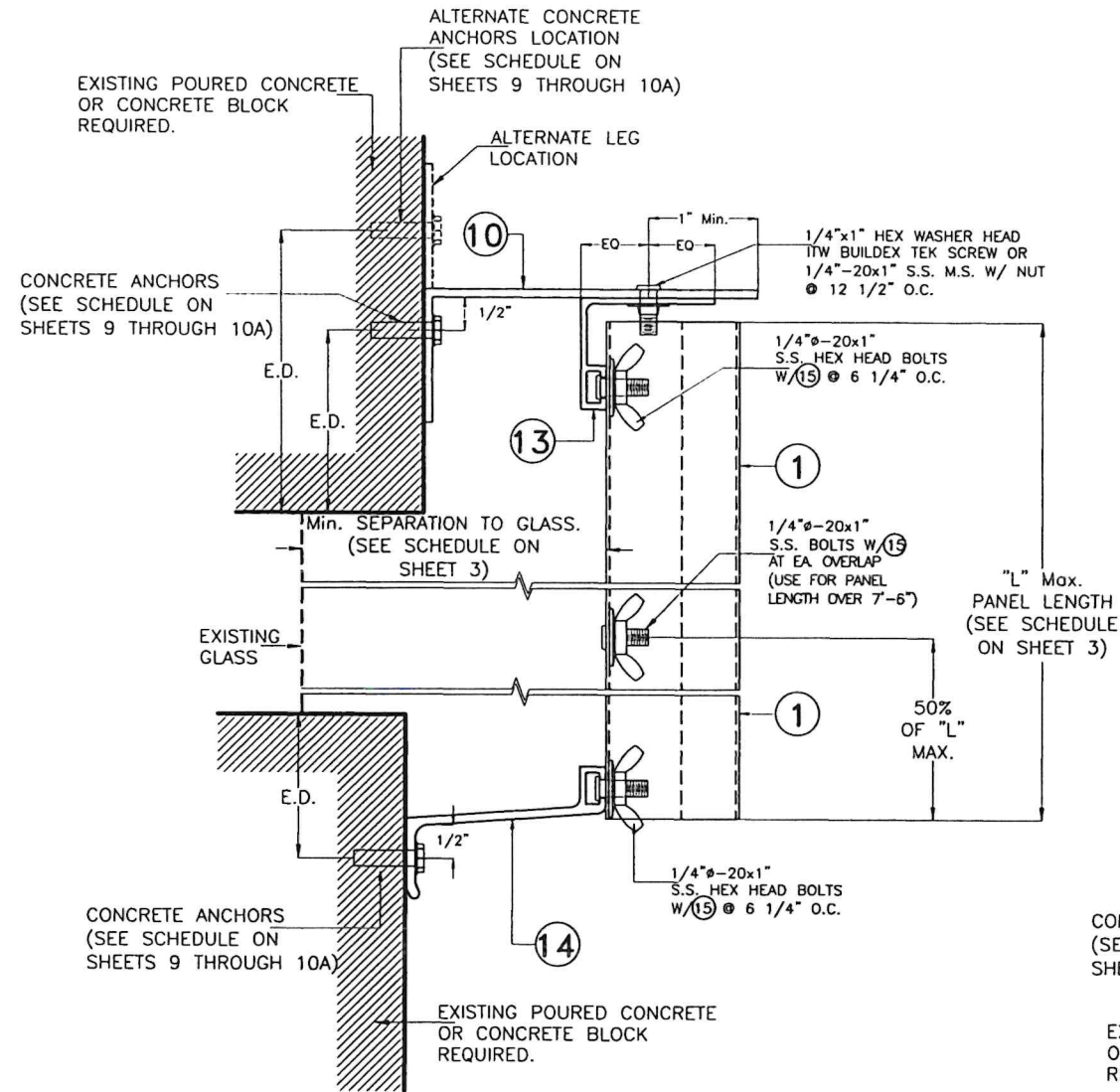
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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DATE:
26-069
DRAWING No:
SHEET 4 OF 18

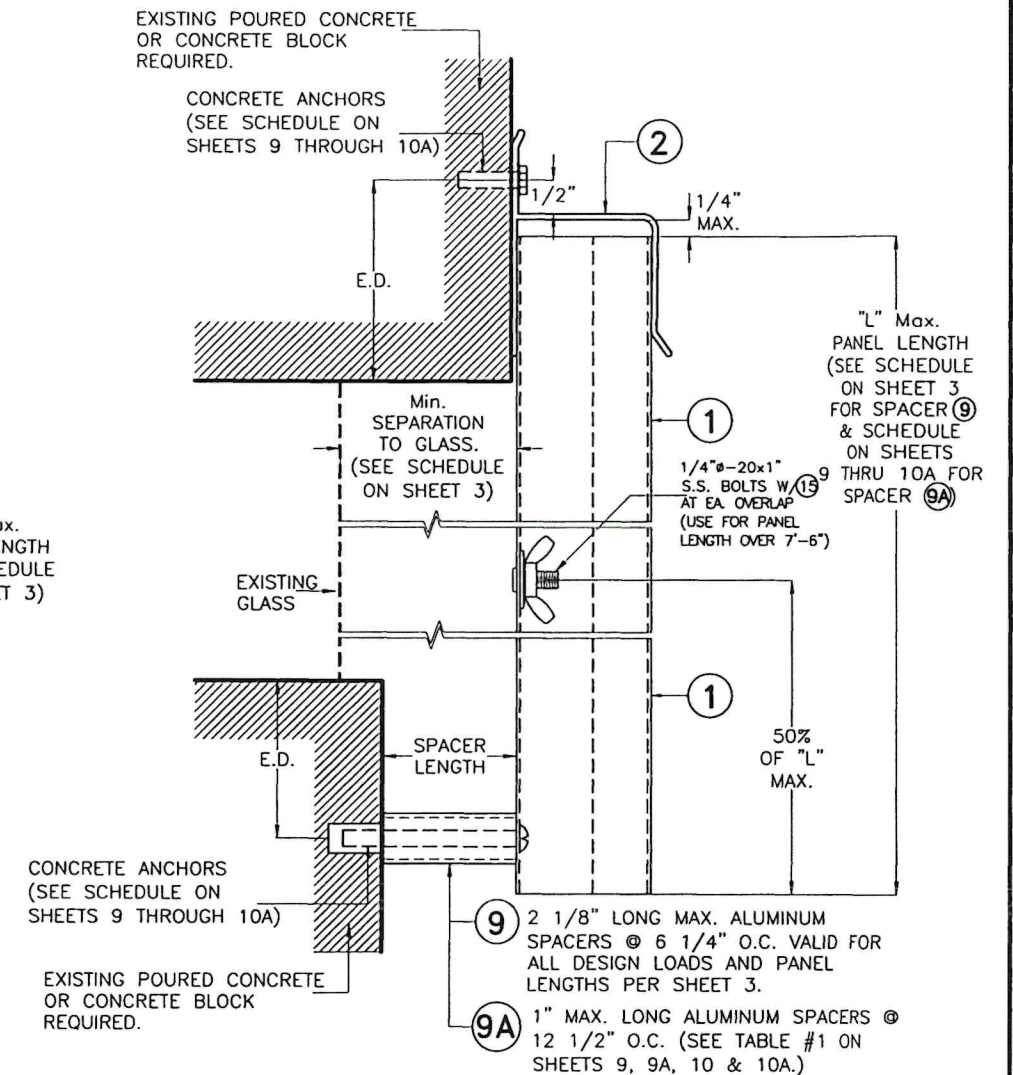
INSTALLATION DETAILS FOR REGULAR PANEL ① INTO POURED CONCRETE OR CONCRETE BLOCK STRUCTURES



**CEILING AND FLOOR MOUNTING
SECTION 4**
SCALE 3/8=1"



**BUILD-OUT MOUNTING
SECTION 5**
SCALE 3/8=1"



**WALL MOUNTING /DIRECT MOUNT W/SPACERS ⑨ OR ⑨A
SECTION 6**
SCALE 3/8=1"

E.D. = EDGE DISTANCE
(SEE SCHEDULE ON SHEETS 1A, 9 & 10)

NOTE FOR COMBINATION OF SECTIONS:
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FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

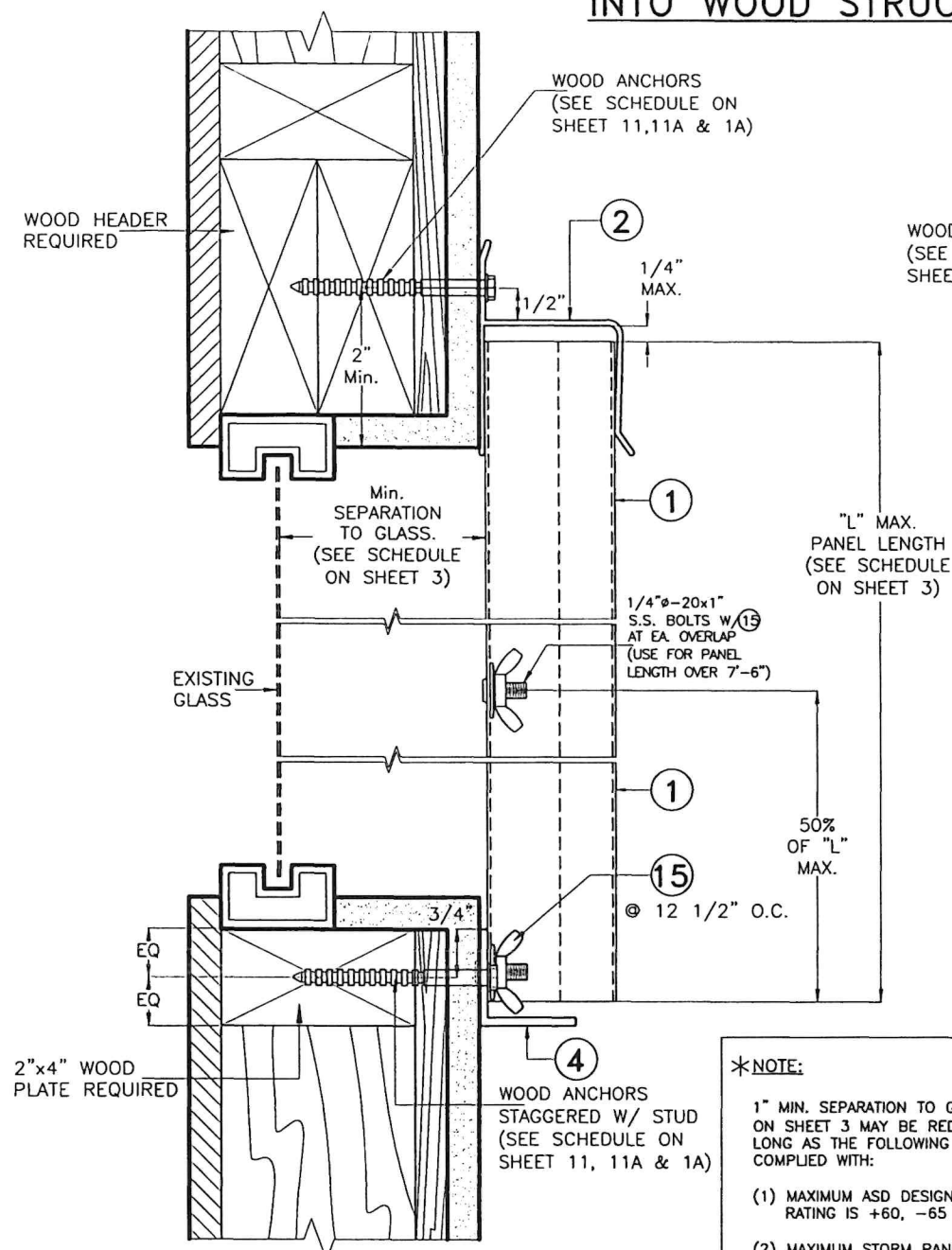
GLOBAL PROTECTION PRODUCTS, LLC.

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1	OLD 23-193	6/26/26	3		
2			4		

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DATE:
26-069
DRAWING No:
SHEET 5 OF 18

INSTALLATION DETAILS FOR REGULAR PANEL (1) INTO WOOD STRUCTURES



**WALL MOUNTING
ALTERNATIVE 1W**
SCALE 3/8=1"

*NOTE:

1" MIN. SEPARATION TO GLASS INDICATED ON SHEET 3 MAY BE REDUCED TO 1/4" AS LONG AS THE FOLLOWING CONDITIONS ARE COMPLIED WITH:

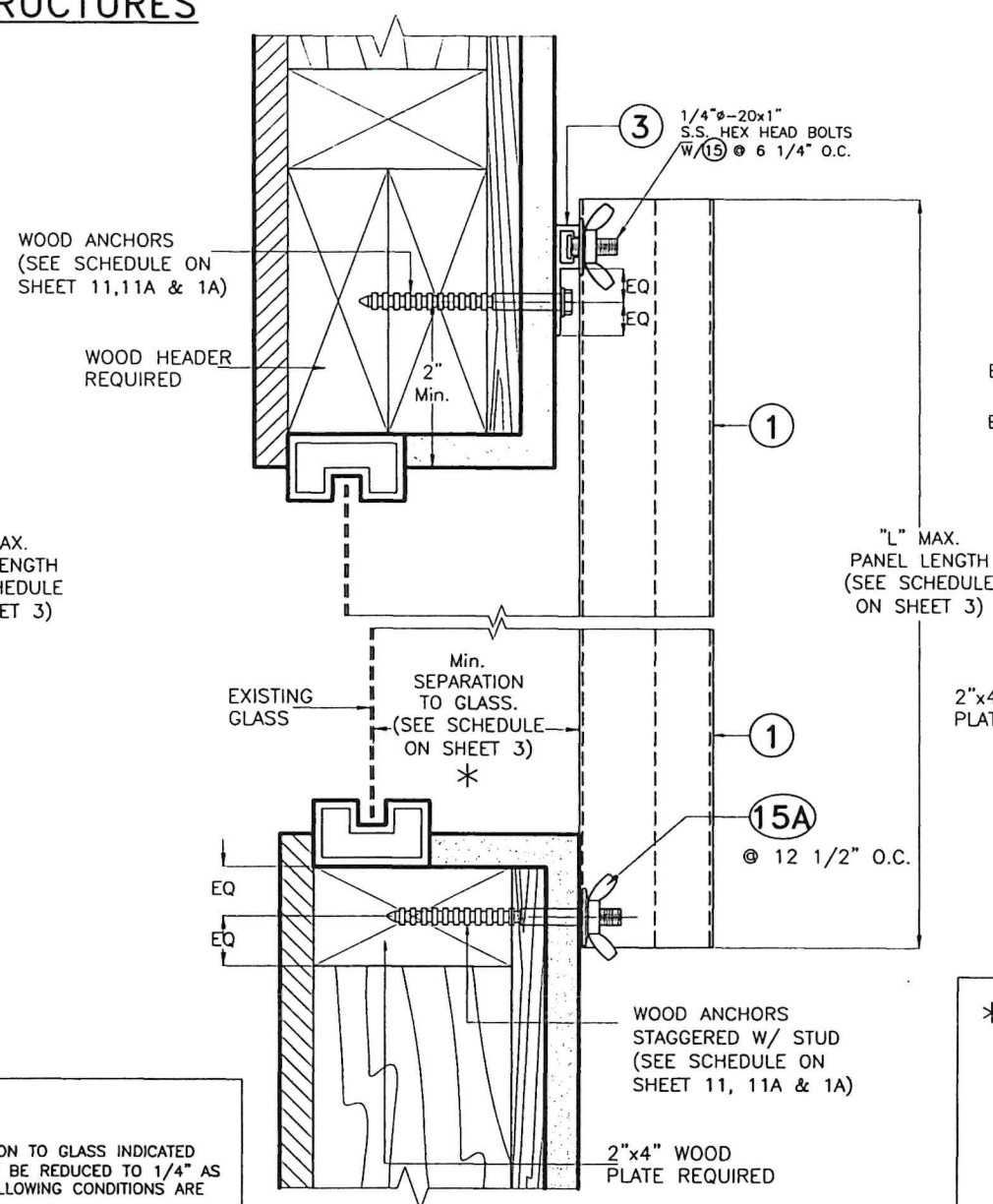
- (1) MAXIMUM ASD DESIGN PRESSURE RATING IS +60, -65 p.s.f.
- (2) MAXIMUM STORM PANEL LENGTH IS 72."
- (3) STORM PANEL INSTALLATION IS ONLY INTO AN EXISTING WOOD FRAME WALL.
- (4) INSTALLATION VALID ONLY FOR WIND ZONES 1, 2 & 3 PER ASTM E 1996.

NOTE FOR COMBINATION OF SECTIONS:

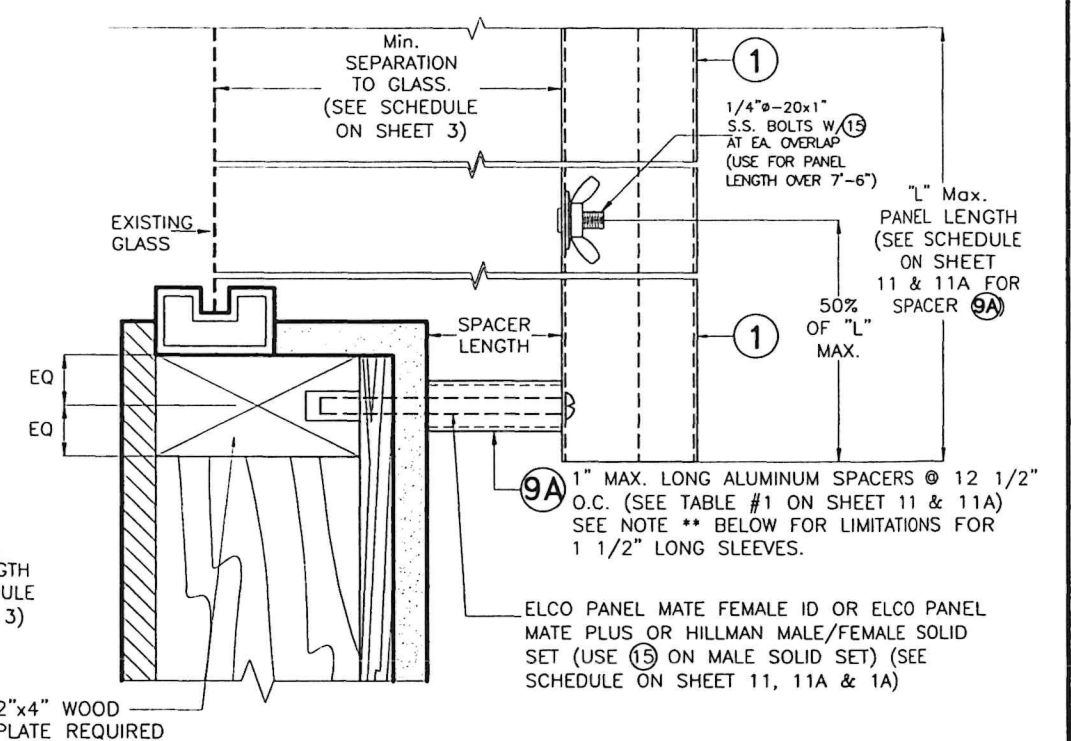
TOP & BOTTOM MOUNTINGS CAN BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION.

NOTES:

1. INSTALLATION ARE ONLY VALID FOR MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f) AND PANEL LENGTHS AS PER SCHEDULES ON SHEET 3 (EXCEPT FOR ALTERNATE 2W)
2. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.



**WALL MOUNTING / DIRECT MOUNT
ALTERNATIVE 2W**
SCALE 3/8=1"



**DIRECT MOUNT W/ SPACER 9A
ALTERNATIVE 2W**
SCALE 3/8=1"

SEE TABLE #1 ON SHEET 11 & 11A FOR MAX. PANEL LENGTHS & MAX. A.S.D DESIGN LOADS FOR THIS INSTALLATION.

** NOTE:

SPACER 9A MAY BE 1 1/2" LONG IF:

- (1) INSTALLATION IS LIMITED TO A ONE STORY BUILDINGS WITH 15'-0" MAX MEAN ROOF HEIGHT (THIS IS A RESTRICTION FROM ANY BUILDING HEIGHT CURRENTLY INDICATED ON SHEET 11).
- (2) ANCHORS GOING THRU COMPONENT 9A (PANEL MATE FEMALE ID OR PANEL MATE PLUS) SHALL BE SPACED MAXIMUM AT 6 1/4" O.C. (THIS IS A RESTRICTION FROM 12 1/2" O.C. SPACING ALLOWED ON SHEET 6).
- (3) MAX. 24 GAGE PANEL LENGTH IS LIMITED TO 66" AT ANY OPENING (THIS IS A RESTRICTION FROM LARGER PANEL LENGTHS ALLOWED ON SCHEDULE, SHEET 11).
- (4) 1 1/2" LONG SPACER COMPONENT 9A SHALL BE AS INDICATED ON SHEET 2. INSTALLATION OF 1 1/2" LONG SPACER 9A ITS ONLY VALID FOR WIND ZONES 1, 2 AND 3 AS DEFERRED BY ASTM E-1996 STANDARD AND THE FLORIDA BUILDING CODE.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)



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WALTER A. TILLIT Jr., P.E.
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24 GAGE GALVANIZED STEEL STORM PANEL

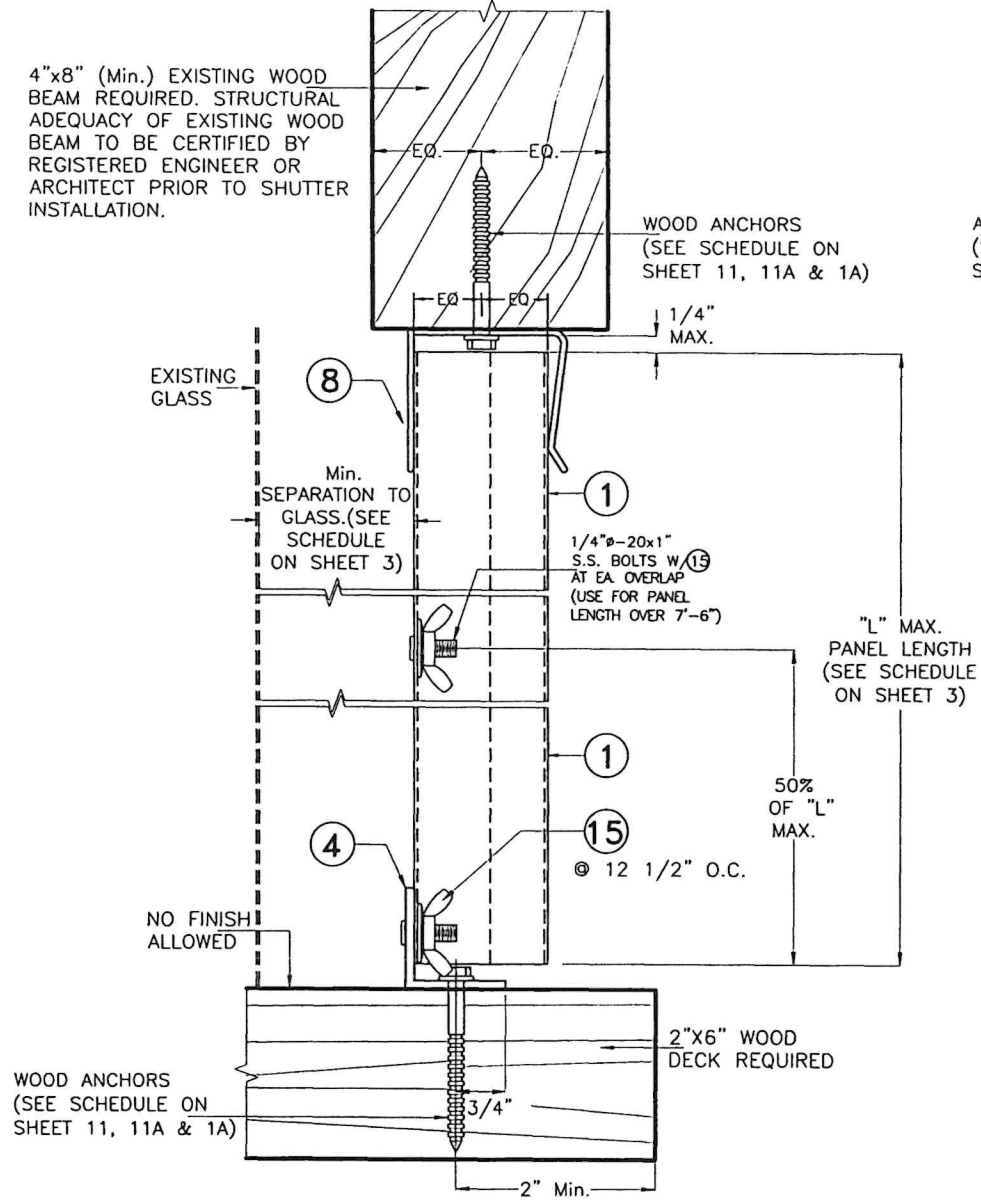
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DAVE, FL. 33314
PHONE: (954)689-7545, FAX: (954)689-8797

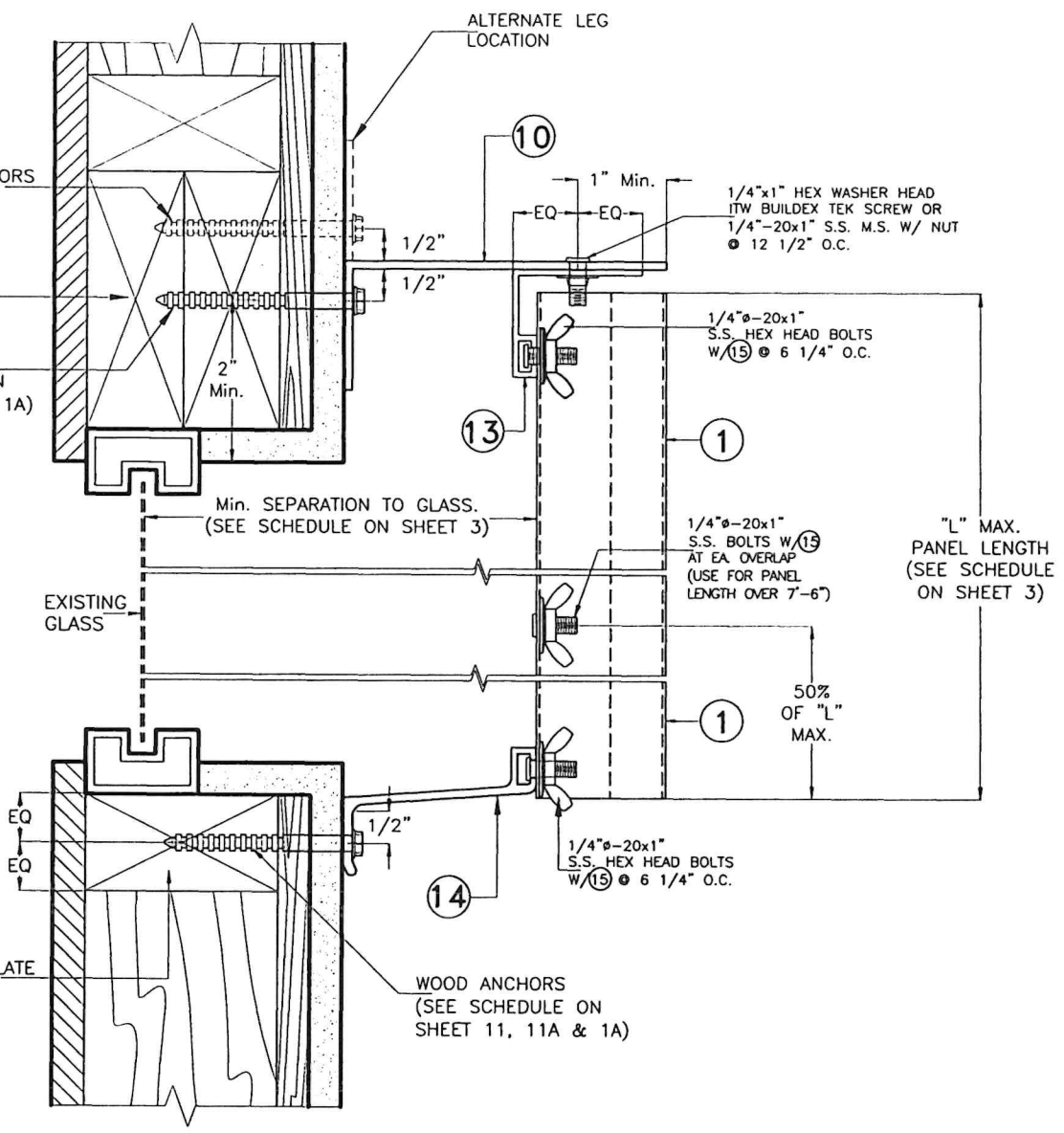
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2			4		

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SHEET 6 OF 18

INSTALLATION DETAILS FOR REGULAR PANEL ① INTO WOOD



CEILING AND FLOOR MOUNTING
ALTERNATIVE 3W
SCALE 3/8=1"



BUILD-OUT MOUNTING
ALTERNATIVE 4W
SCALE 3/8=1"

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

- NOTES:
1. INSTALLATION ARE ONLY VALID FOR MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND PANEL LENGTHS AS PER SCHEDULES ON SHEET 3
 2. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

WALTER A. TILLIT JR.
LICENSE
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STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

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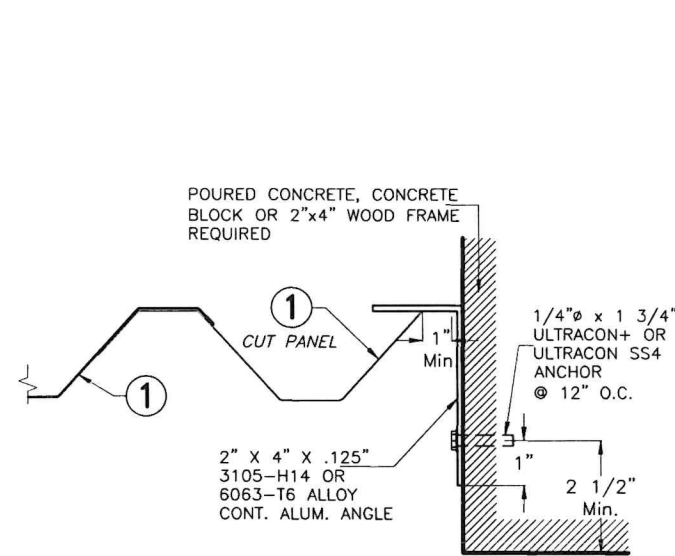
FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL
GLOBAL PROTECTION PRODUCTS, LLC.
4800 S.W. 51 STREET
DAVIE, FL 33314
PHONE: (954)689-7545, FAX: (954)689-8797

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

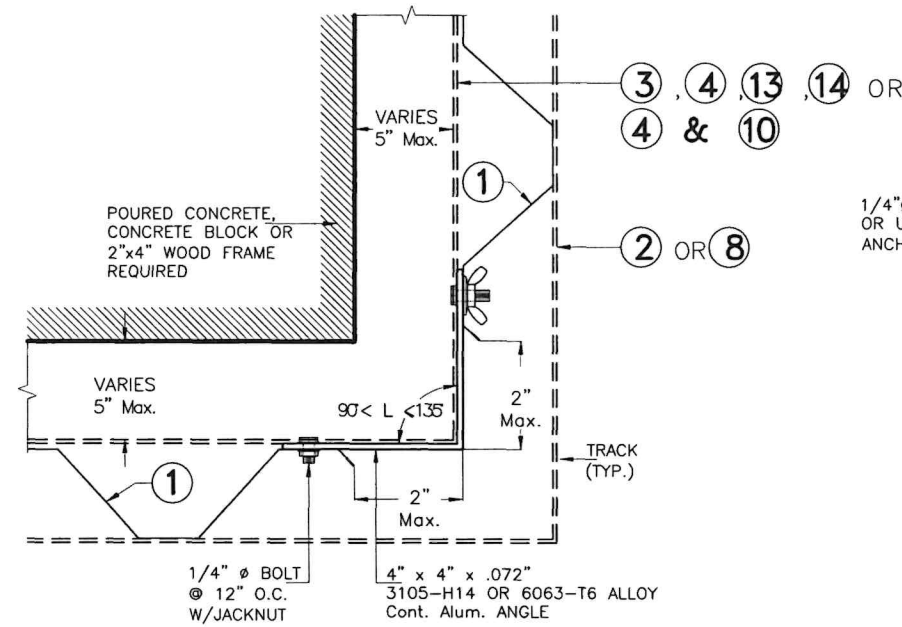
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6/26/2026
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26-069
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SHEET 7 OF 18

END CLOSURES DETAILS FOR INSTALLATION IN POURED CONCRETE, CONCRETE BLOCK OR WOOD STRUCTURES; VALID FOR REGULAR, LIFE SAFETY & E-Z HANG STORM PANEL ① SYSTEMS



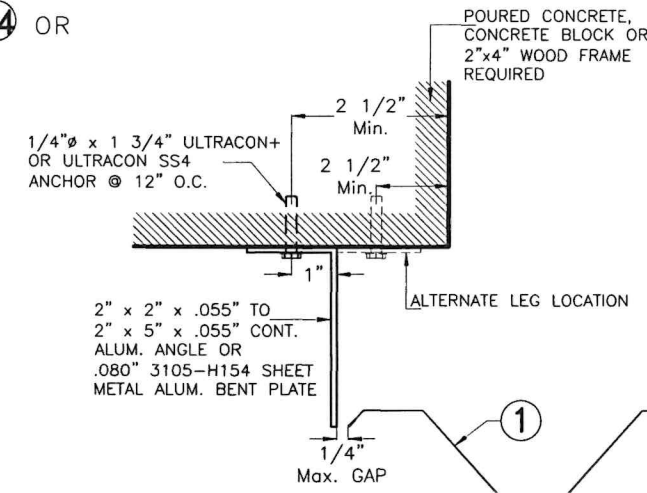
CASE A (PLAN)

SCALE 1/4"=1"



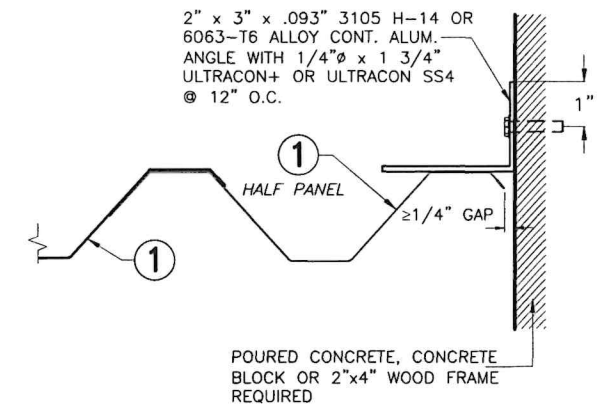
CASE B (PLAN)

SCALE 1/4"=1"



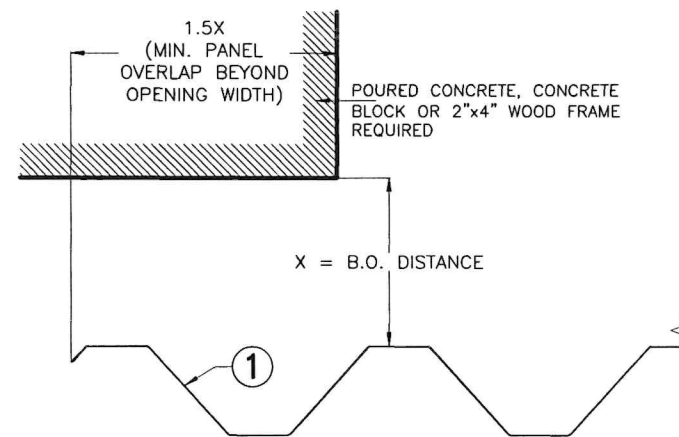
CASE C (PLAN)

SCALE 1/4"=1"



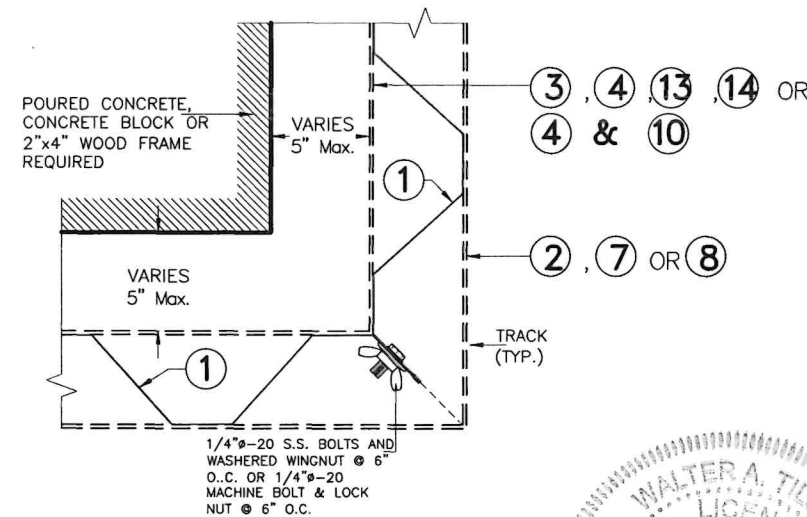
CASE D (PLAN)

SCALE 1/4"=1"



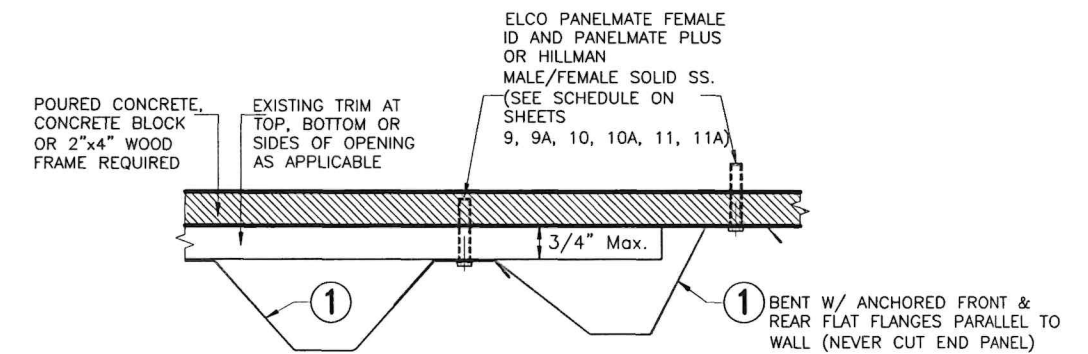
CASE E (PLAN)

SCALE 1/4"=1"



CASE F (PLAN)

SCALE 1/4"=1"

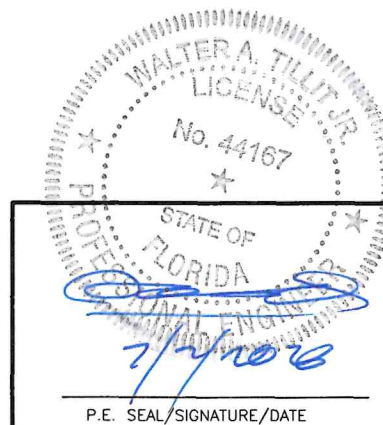


CASE G (PLAN)

SCALE 1/4"=1"

VALID FOR DIRECT MOUNT INSTALLATION ONLY &
CERTIFIED PANEL INSTALLATION AT WALLS W/
SURFACE LEVEL VARIATIONS WITHIN 3/4"

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)



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CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

24 GAGE GALVANIZED STEEL STORM PANEL						W.H
GLOBAL PROTECTION PRODUCTS, LLC.						DRAWN BY:
4800 S.W. 51 STREET DAVIE, FL 33314 PHONE: (954)689-7545, FAX: (954)689-8797						6/26/2026 DATE:
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1	OLD 23-193	6/26/26	3			SHEET 8 OF 18
2			4			

MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE
FOR REGULAR STORM PANEL ① INSTALLATIONS INTO CONCRETE & CONCRETE BLOCK STRUCTURES

(VALID ONLY FOR PANEL ① INSTALLATIONS AS PER SECTIONS 1 THRU 6, ON SHEETS 4 & 5)

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW *						APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	ULTRACON+ OR ULTRACON SS4		ELCO PANELMATE FEMALE ID		ELCO PANELMATE PLUS			
	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK		
+45, -45 OR LESS	13"	13"	13"	13"	13"	13"	1 (TOP)	5'-6" OR LESS
	13"	13"	13"	13"	13"	13"	1 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	2 (TOP)	
	13"	13"	13"	13"	13"	13"	2 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	12 1/2"	3 (BOTTOM)	
	8"	8"	8"	8"	8"	8"	4 (TOP)	
	8"	-	8"	-	8"	-	4 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	5 (TOP)	
	13"	13"	13"	13"	13"	13"	5 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	-	-	6 (BOTT.**)	
	13"	5"	13"	7"	13"	7"	1 (TOP)	>5'-6" TO 14'-4"
	13"	7"	13"	9 1/2	13"	9 1/2	1 (BOTTOM)	
	13"	5"	13"	7"	13"	7"	2 (TOP)	
	13"	7"	13"	9 1/2	13"	9 1/2	2 (BOTTOM)	
	13"	7"	13"	9 1/2	13"	9 1/2	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	6 1/4"	3 (BOTTOM)	
	7"	3"	7"	3 1/2"	8"	4"	4 (TOP)	
	8"	-	8"	-	8"	-	4 (BOTTOM)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	5 (TOP)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	5 (BOTTOM)	
	13"	5"	13"	7"	13"	7"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	-	-	6 (BOTT.**)	

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW*						APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	ULTRACON+ OR ULTRACON SS4		ELCO PANELMATE FEMALE ID		ELCO PANELMATE PLUS			
	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK		
+45, -45 TO +65, -65	13"	13"	13"	13"	13"	13"	1 (TOP)	5'-6" OR LESS
	13"	13"	13"	13"	13"	13"	1 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	2 (TOP)	
	13"	13"	13"	13"	13"	13"	2 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	12 1/2"	3 (BOTTOM)	
	8"	5 1/2"	8"	6 1/2"	8"	7 1/2"	4 (TOP)	
	8"	-	8"	-	8"	-	4 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	5 (TOP)	
	13"	13"	13"	13"	13"	13"	5 (BOTTOM)	
	13"	13"	13"	13"	13"	13"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	-	-	6 (BOTT.**)	
	13"	6"	13"	8 1/2"	13"	8 1/2"	1 (TOP)	>5'-6" TO 9'-6"
	13"	7 1/2"	13"	10"	13"	10"	1 (BOTTOM)	
	13"	6"	13"	8 1/2"	13"	8 1/2"	2 (TOP)	
	13"	7 1/2"	13"	10"	13"	10"	2 (BOTTOM)	
	13"	7 1/2"	13"	10"	13"	10"	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	12 1/2"	3 (BOTTOM)	
	7 1/2"	3"	7"	4"	8"	4"	4 (TOP)	
	8"	-	8"	-	8"	-	4 (BOTTOM)	
	13"	8 1/2"	13"	10"	13"	10"	5 (TOP)	
	13"	8 1/2"	13"	10"	13"	10"	5 (BOTTOM)	
	13"	6"	13"	8 1/2"	13"	8 1/2"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	-	-	6 (BOTT.**)	

SEE SHEET 11 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.

* MINIMUM ANCHOR SPACINGS AND MINIMUM EDGE DISTANCE ARE INDICATED ON THIS SCHEDULE. FOR E.D. LESS THAN INDICATED ON SCHEDULE REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE ON THIS SCHEDULE.

ANCHOR TYPE		1/4"Ø	1/4"Ø	1/4"Ø
		ULTRACON+ OR ULTRACON SS4	PANELMATE FEMALE ID	PANELMATE PLUS
MINIMUM ANCHOR SPACING (in.)		3	3	3
MINIMUM EDGE DISTANCE (E.D.)	CONCRETE (in.)	3	3"	3
	CONCRETE BLOCK (in.)	3	3 1/2"	3 1/2
ACTUAL EDGE DISTANCE (E.D.)		FACTOR		
1 1/2"		0.35	-	-
2 1/2"		0.81	-	-
3"		0.90	-	1.00
3 1/2"		-	1.00	-

** SPACINGS ONLY VALID WHEN SPACER ⑨ IS USED. SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER ⑨A IS USED.

TABLE #1 Δ

A.S.D. DESIGN LOAD	MAXIMUM PANEL LENGTH
40 PSF OR LESS	6'-8"
> 40 PSF TO 50 PSF	6'-2"
> 50 PSF TO 60 PSF	5'-10"

Δ MAX. PANEL LENGTHS ARE ONLY VALID FOR INSTALLATIONS W/ ALL POINT SOLID SET ANCHORS & W/ ⑨A SPACER AT 12 1/2" O.C.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

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CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

24 GAGE GALVANIZED STEEL STORM PANEL				W.H. DRAWN BY:	
GLOBAL PROTECTION PRODUCTS, LLC.				6/26/2026 DATE:	
4800 S.W. 51 STREET DAVIE, FL. 33314 PHONE: (954)689-7545, FAX: (954)689-8797				26-069	
REV. No				DRAWING No:	
1				SHEET 9 OF 18	
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MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE
FOR REGULAR STORM PANEL (1) INSTALLATIONS INTO CONCRETE & CONCRETE BLOCK STRUCTURES

(VALID ONLY FOR PANEL (1) INSTALLATIONS AS PER SECTIONS 1 THRU 6, ON SHEETS 4 & 5)
W/ THE HILLMAN GROUP APPLICABLE ANCHORS.)

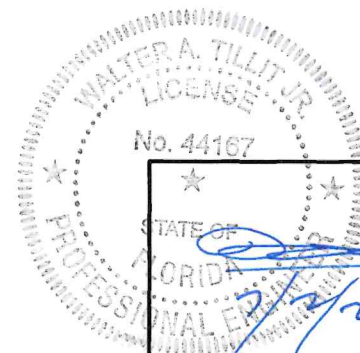
MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW *																		APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	SOLID-SET 1/4" SCREW CS.			SOLID-SET #14 FEMALE CS.			SOLID-SET 1/4" SCREW 410 SS.			SOLID-SET #14 MALE CS.			SOLID-SET #14 MALE, 304 SS.							
	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK					
	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK					
+45, -45 OR LESS	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	1 (TOP)	5'-6" OR LESS			
	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	1 (BOTTOM)				
	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	2 (TOP)				
	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	2 (BOTTOM)				
	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	3 (TOP)				
	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	3 (BOTTOM)				
	8"	8"	8"	8"	8"	7"	8"	8"	7 1/4"	8"	8"	7"	8"	8"	5"	4 (TOP)				
	8"	-	-	8"	-	-	8"	-	-	8"	-	-	8"	-	-	4 (BOTTOM)				
	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	5 (TOP)				
	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	5 (BOTTOM)				
	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	13"	9"	6 (TOP)				
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 (BOTT.**)					
	13"	5"	4 1/2"	13"	5"	4"	13"	5"	4 1/4"	13"	5"	4"	10 1/2"	5"	2 1/4"	1 (TOP)	>5'-6" TO 14'-4"			
	13"	7"	6 1/4"	13"	7"	5"	13"	7"	5 1/2"	13"	7"	5 1/4"	13"	7"	3 1/4"	1 (BOTTOM)				
	13"	5"	4 1/2"	13"	5"	4"	13"	5"	4 1/4"	13"	5"	4"	10 1/2"	5"	2 1/4"	2 (TOP)				
	13"	5"	5"	13"	5"	5"	13"	5"	5"	13"	5"	5 1/4"	13"	7"	3 1/4"	2 (BOTTOM)				
	13"	7"	6 1/2"	13"	7"	5 1/4"	13"	7"	6"	13"	7"	5 1/4"	13"	7"	3 1/4"	3 (TOP)				
	N/A	N/A	N/A	6 1/4"	6 1/4"	N/A	N/A	N/A	N/A	6 1/4"	6 1/4"	N/A	6 1/4"	6 1/4"	N/A	3 (BOTTOM)				
	7"	3"	3"	7"	3"	2 1/2"	7"	6"	2 1/2"	7"	3"	2 1/2"	6 1/4"	3"	1 1/2"	4 (TOP)				
	8"	-	-	8"	-	-	8"	-	-	8"	-	-	7 1/2"	-	-	4 (BOTTOM)				
	13"	7"	6 1/4"	13"	7"	5"	13"	7"	5 1/2"	13"	7"	5 1/4"	13"	7"	3 1/4"	5 (TOP)				
	13"	7"	6 1/2"	13"	7"	5 1/4"	13"	7"	6"	13"	7"	5 1/4"	13"	7"	3 1/4"	5 (BOTTOM)				
	13"	5"	4 1/2"	13"	5"	4"	13"	5"	4 1/4"	13"	5"	4"	10 1/2"	5"	2 1/4"	6 (TOP)				
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6"	6 1/4"	6 1/4"	5 1/4"	6 1/4"	6 1/4"	3 1/4"	6 (BOTT.**)				
MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW *																		APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	SOLID-SET 1/4" SCREW CS.			SOLID-SET #14 FEMALE CS.			SOLID-SET 1/4" SCREW 410 SS.			SOLID-SET #14 MALE CS.			SOLID-SET #14 MALE, 304 SS.							
	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK					
	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK					
	+45, -45 TO +65, -65	13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	1 (TOP)	5'-6" OR LESS		
		13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	1 (BOTTOM)			
		13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	2 (TOP)			
		13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	2 (BOTTOM)			
		13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	3 (TOP)			
		N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	N/A	3 (BOTTOM)			
		8"	5 1/2"	5 1/2"	8"	5 1/2"	5"	8"	8"	5"	8"	5 1/2"	5"	8"	5 1/2"	3 1/4"	4 (TOP)			
		8"	-	-	8"	-	-	8"	-	-	8"	-	-	8"	-	-	4 (BOTTOM)			
		13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	5 (TOP)			
		13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	5 (BOTTOM)			
		13"	13"	12"	13"	13"	9 1/2"	13"	13"	10 1/2"	13"	13"	9 1/2"	13"	13"	6"	6 (TOP)			
		6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6"	6 (BOTT.**)			
		13"	6"	5 1/2"	13"	6"	4 1/2"	13"	6"	5"	13"	6"	4 1/2"	13"	6"	3"	1 (TOP)	>5'-6" TO 9'-6"		
		13"	7 1/2"	7"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6"	13"	7 1/2"	5 1/2"	13"	7 1/2"	4"	1 (BOTTOM)			
		13"	6"	5 1/2"	13"	6"	4 1/2"	13"	6"	5"	13"	6"	4 1/2"	13"	6"	3"	2 (TOP)			
		13"	6"	6"	13"	6"	5 1/2"	13"	6"	6"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	2 (BOTTOM)			
		13"	7 1/2"	7"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	3 (TOP)			
		N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	N/A	3 (BOTTOM)			
		7"	3"	3"	7"	3"	2 1/2"	7"	6 1/4"	3"	7"	3"	2 1/2"	6 1/2"	3"	2"	4 (TOP)			
		8"	-	-	8"	-	-	8"	-	-	8"	-	-	8"	-	-	4 (BOTTOM)			
13"		7 1/2"	7"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6"	13"	7 1/2"	5 1/2"	13"	7 1/2"	4"	5 (TOP)				
13"		8 1/2"	7"	13"	8 1/2"	5 1/2"	13"	8 1/2"	6"	13"	8 1/2"	5 1/2"	13"	8 1/2"	3 1/2"	5 (BOTTOM)				
13"		6"	5 1/2"	13"	6"	4 1/2"	13"	6"	5"	13"	6"	4 1/2"	13"	6"	3"	6 (TOP)				
6 1/4"		6 1/4"	6 1/4"	6 1/4"	6 1/4"	5 1/2"	6 1/4"	6 1/4"	6"	6 1/4"	6 1/4"	5 1/2"	6 1/4"	6 1/4"	3 1/4"	6 (BOTT.**)				

** SPACINGS ONLY VALID WHEN SPACER (9) IS USED. SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER (9A) IS USED.

TABLE #1 Δ	
A.S.D. DESIGN LOAD	MAXIMUM PANEL LENGTH
40 PSF OR LESS	6'-8"
> 40 PSF TO 50 PSF	6'-2"
> 50 PSF TO 60 PSF	5'-10"

Δ MAX. PANEL LENGTHS ARE ONLY VALID FOR INSTALLATIONS
W/ HILLMAN MALE/FEMALE SOLID SET ANCHORS & W/ (9A)
SPACER AT 12 1/2" O.C.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)



P.E. SEAL/SIGNATURE/DATE

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TILTECO INC.

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WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

24 GAGE GALVANIZED STEEL STORM PANEL						W.H. DRAWN BY:
GLOBAL PROTECTION PRODUCTS, LLC.						6/26/2026 DATE:
4800 S.W. 51 STREET DAVIE, FL 33314 PHONE: (954)689-7545, FAX: (954)689-8797						26-069 DRAWING No:
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 9A OF 18
1	OLD 23-193	6/26/26	3			
2			4			

**MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING
SCHEDULE FOR REGULAR STORM PANEL ① INSTALLATIONS INTO CONCRETE & CONCRETE BLOCK STRUCTURES**

(VALID ONLY FOR PANEL ① INSTALLATIONS AS PER SECTIONS 1 THRU 6, ON SHEETS 4 & 5)

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW*						APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	ULTRACON+ OR ULTRACON SS4		ELCO PANELMATE FEMALE ID		ELCO PANELMATE PLUS			
	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK		
>+65, -65 TO +75, -75	13"	11"	13"	13"	13"	13"	1 (TOP)	5'-6" OR LESS
	13"	11"	13"	13"	13"	13"	1 (BOTTOM)	
	13"	11"	13"	13"	13"	13"	2 (TOP)	
	13"	11"	13"	13"	13"	13"	2 (BOTTOM)	
	13"	11"	13"	13"	13"	13"	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	12 1/2"	3 (BOTTOM)	
	8"	5"	8"	6"	8"	6 1/2"	4 (TOP)	
	8"	-	8"	-	8"	8"	4 (BOTTOM)	
	13"	11"	13"	13"	13"	13"	5 (TOP)	
	13"	11"	13"	13"	13"	13"	5 (BOTTOM)	
	13"	11"	13"	13"	13"	13"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	-	-	6 (BOTT.**)	
	13"	7 1/2"	13"	10"	13"	10"	1 (TOP)	>5'-6" TO 8'-0"
	13"	7 1/2"	13"	10 1/2"	13"	10 1/2"	1 (BOTTOM)	
	13"	7 1/2"	13"	10"	13"	10"	2 (TOP)	
	13"	7 1/2"	13"	10 1/2"	13"	10 1/2"	2 (BOTTOM)	
	13"	7 1/2"	13"	10 1/2"	13"	10 1/2"	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	6 1/4"	3 (BOTTOM)	
	7 1/2"	3 1/2"	7 1/2"	4"	8"	4 1/2"	4 (TOP)	
	8"	-	8"	-	8"	-	4 (BOTTOM)	
	13"	7 1/2"	13"	10 1/2"	13"	10 1/2"	5 (TOP)	
	13"	7 1/2"	13"	10 1/2"	13"	10 1/2"	5 (BOTTOM)	
	13"	7 1/2"	13"	10 1/2"	13"	10 1/2"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	-	-	6 (BOTT.**)	

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW*						APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	ULTRACON+ OR ULTRACON SS4		ELCO PANELMATE FEMALE ID		ELCO PANELMATE PLUS			
	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK	TO CONCRETE	TO CONCRETE BLOCK		
>+75, -75 TO +119,-119.6	13"	5"	13"	6 1/2"	13"	6 1/2"	1 (TOP)	5'-6" OR LESS
	13"	6 1/2"	13"	9"	13"	9"	1 (BOTTOM)	
	13"	5"	13"	6 1/2"	13"	6 1/2"	2 (TOP)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	2 (BOTTOM)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	6 1/4"	3 (BOTTOM)	
	7"	3"	7"	3 1/2"	8"	4"	4 (TOP)	
	8"	-	8"	-	8"	-	4 (BOTTOM)	
	13"	6 1/2"	13"	9"	13"	9"	5 (TOP)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	5 (BOTTOM)	
	13"	5"	13"	6 1/2"	13"	6 1/2"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 (BOTT.**)	
	13"	5"	13"	6 1/2"	13"	6 1/2"	1 (TOP)	>5'-6" TO 7'-5"
	13"	6 1/2"	13"	9"	13"	9"	1 (BOTTOM)	
	13"	5"	13"	6 1/2"	13"	6 1/2"	2 (TOP)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	2 (BOTTOM)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	3 (TOP)	
	-	-	6 1/4"	6 1/4"	12 1/2"	6 1/4"	3 (BOTTOM)	
	7"	3"	7"	3 1/2"	8"	4"	4 (TOP)	
	8"	-	8"	-	8"	-	4 (BOTTOM)	
	13"	6 1/2"	13"	9"	13"	9"	5 (TOP)	
	13"	7"	13"	9 1/2"	13"	9 1/2"	5 (BOTTOM)	
	13"	5"	13"	6 1/2"	13"	6 1/2"	6 (TOP)	
	-	-	6 1/4"	6 1/4"	-	-	6 (BOTT.**)	

SEE SHEET 11 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS.

* MINIMUM ANCHOR SPACINGS AND MINIMUM EDGE DISTANCE ARE INDICATED ON THIS SCHEDULE. FOR E.D. LESS THAN INDICATED ON SCHEDULE REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE ON THIS SCHEDULE.

ANCHOR TYPE	1/4"Ø	1/4"Ø	1/4"Ø
	ULTRACON+ OR ULTRACON SS4	PANELMATE FEMALE ID	PANELMATE PLUS
MINIMUM ANCHOR SPACING (in.)	3	3	3
MINIMUM EDGE DISTANCE (E.D.)	CONCRETE (in.)	3	3
	CONCRETE BLOCK (in.)	3 1/2"	3 1/2"
ACTUAL EDGE DISTANCE (E.D.)	FACTOR		
1 1/2"	0.35	-	-
2 1/2"	0.81	-	-
3"	0.90	-	1.00
3 1/2"	-	1.00	-

** SPACINGS ONLY VALID WHEN SPACER ⑨ IS USED. SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER ⑨A IS USED.

TABLE #1 Δ

A.S.D. DESIGN LOAD	MAXIMUM PANEL LENGTH
40 PSF OR LESS	6'-8"
> 40 PSF TO 50 PSF	6'-2"
> 50 PSF TO 60 PSF	5'-10"

Δ MAX. PANEL LENGTHS ARE ONLY VALID FOR INSTALLATIONS W/ SOLID SET ANCHORS & W/ ⑨A SPACER AT 12 1/2" O.C.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
2/2026
P.E. SEAL/SIGNATURE/DATE

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FLORIDA Lic. # 44167

24 GAGE GALVANIZED STEEL STORM PANEL			W.H DRAWN BY:		
GLOBAL PROTECTION PRODUCTS, LLC.			6/26/2026 DATE:		
4800 S.W. 51 STREET DAVIE, FL 33314 PHONE: (954)689-7545, FAX: (954)689-8797			26-069 DRAWING No:		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		
			SHEET 10 OF 18		

MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING
SCHEDULE FOR REGULAR STORM PANEL ① INSTALLATIONS INTO CONCRETE & CONCRETE BLOCK STRUCTURES

(VALID ONLY FOR PANEL ① INSTALLATIONS AS PER SECTIONS 1 THRU 6, ON SHEETS 4 & 5)

W/THE HILLMAN GROUP APPLICABLE ANCHORS)

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW *															APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	SOLID-SET 1/4" SCREW CS.			SOLID-SET #14 FEMALE CS.			SOLID-SET 1/4" SCREW 410 SS.			SOLID-SET #14 MALE CS.			SOLID-SET #14 MALE, 304 SS.				
	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK		
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"		
>+65,-65 TO +75,-75	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	1 (TOP)	5'-6" OR LESS
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	1 (BOTTOM)	
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	2 (TOP)	
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	2 (BOTTOM)	
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	3 (TOP)	
	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	N/A	3 (BOTTOM)	
	8"	5"	5"	8"	5"	4"	8"	5"	4 1/4"	8"	5"	4 1/4"	5"	5"	3"	4 (TOP)	
	8"	-	-	8"	-	-	8"	-	-	8"	-	-	5"	-	-	4 (BOTTOM)	
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	5 (TOP)	
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	5 (BOTTOM)	
	13"	11"	10 1/4"	13"	11"	8 1/4"	13"	11"	9 1/4"	13"	11"	8 1/4"	13"	11"	5 1/4"	6 (TOP)	
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	5 1/4"	6 (BOTT.**)	
	13"	7 1/2"	6 1/2"	13"	7 1/2"	5 1/4"	13"	7 1/2"	6"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	1 (TOP)	
	13"	7 1/2"	7"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6 1/4"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	1 (BOTTOM)	
	13"	7 1/2"	6 1/2"	13"	7 1/2"	5 1/4"	13"	7 1/2"	6"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	2 (TOP)	
	13"	7 1/2"	7 1/2"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6 1/4"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	2 (BOTTOM)	
	13"	7 1/2"	7"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6 1/4"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	3 (TOP)	
	N/A	N/A	N/A	6 1/4"	6 1/4"	N/A	N/A	N/A	N/A	6 1/4"	6 1/4"	N/A	6 1/4"	6 1/4"	N/A	3 (BOTTOM)	
	7 1/2"	3 1/2"	3 1/4"	8"	3 1/2"	3"	7 1/2"	3 1/2"	3"	7 1/2"	3 1/2"	3"	6 1/2"	3 1/2"	2	4 (TOP)	
	8"	-	-	8"	-	-	8"	-	-	8"	-	-	5"	-	-	4 (BOTTOM)	
	13"	7 1/2"	7"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6 1/4"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	5 (TOP)	
	13"	7 1/2"	7"	13"	7 1/2"	5 1/2"	13"	7 1/2"	6 1/4"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	5 (BOTTOM)	
	13"	7 1/2"	6 1/2"	13"	7 1/2"	5 1/4"	13"	7 1/2"	6"	13"	7 1/2"	5 1/2"	13"	7 1/2"	3 1/2"	6 (TOP)	
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	5 1/2"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	5 1/2"	6 1/4"	6 1/4"	3 1/2"	6 (BOTT.**)	

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR MIN E.D. PER SCHEDULE BELOW *															APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	SOLID-SET 1/4" SCREW CS.			SOLID-SET #14 FEMALE CS.			SOLID-SET 1/4" SCREW 410 SS.			SOLID-SET #14 MALE CS.			SOLID-SET #14 MALE, 304 SS.				
	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK	TO CONCRETE	TO GROUT FILLET	TO CONCRETE BLOCK		
	12 1/2"	5"	4 1/4"	13"	5"	3 1/2"	13"	5"	4"	13"	5"	3 1/2"	10 1/4"	5"	2 1/4"		
>+75,-75 TO +119,-119.6	12 1/2"	5"	4 1/4"	13"	5"	3 1/2"	13"	5"	4"	13"	5"	3 1/2"	10 1/4"	5"	2 1/4"	1 (TOP)	5'-6" OR LESS
	13"	6 1/2"	6 1/4"	13"	6 1/2"	5"	13"	6 1/2"	5 1/2"	13"	6 1/2"	5"	13"	6 1/2"	3 1/4"	1 (BOTTOM)	
	12 1/2"	5"	4 1/2"	13"	5"	3 1/2"	13"	5"	4"	13"	5"	3 1/2"	10 1/4"	5"	2 1/4"	2 (TOP)	
	13"	7"	5"	13"	7"	5 1/4"	13"	7"	5"	13"	7"	5 1/4"	13"	7"	3 1/4"	2 (BOTTOM)	
	13"	7"	6 1/2"	13"	7"	5 1/4"	13"	7"	5 1/2"	13"	7"	5 1/4"	13"	7"	3 1/4"	3 (TOP)	
	N/A	N/A	N/A	6 1/4"	6 1/4"	5 1/4"	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	N/A	3 (BOTTOM)	
	7"	3"	3"	8"	3"	2 1/2"	7"	3"	2 1/2"	7"	3"	2 1/2"	6 1/4"	3"	1 1/2"	4 (TOP)	
	8"	-	-	8"	-	-	8"	-	-	8"	-	-	8"	-	-	4 (BOTTOM)	
	13"	6 1/2"	6 1/4"	13"	6 1/2"	5"	13"	6 1/2"	5 1/2"	13"	6 1/2"	5"	13"	6 1/2"	3 1/4"	5 (TOP)	
	13"	7"	6 1/2"	13"	7"	5 1/4"	13"	7"	5 1/2"	13"	7"	5 1/4"	13"	7"	3 1/4"	5 (BOTTOM)	
	12 1/2"	5"	4 1/2"	13"	5"	3 1/2"	13"	5"	4"	13"	5"	3 1/2"	10 1/4"	5"	2 1/4"	6 (TOP)	
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	5 1/4"	6 1/4"	6 1/4"	5 1/2"	6 1/4"	6 1/4"	5 1/4"	6 1/4"	6 1/4"	3 1/4"	6 (BOTT.**)	
	13"	5"	5"	13"	5"	5"	13"	5"	5"	13"	5"	5"	13"	5"	4"	1 (TOP)	>5'-6" TO 7'-5"
	13"	6 1/2"	6 1/2"	13"	6 1/2"	6 1/4"	13"	6 1/2"	6 1/2"	13"	6 1/2"	6 1/2"	13"	6 1/2"	4"	1 (BOTTOM)	
	13"	5"	5"	13"	5"	5"	13"	5"	5"	13"	5"	5"	13"	5"	4"	2 (TOP)	
	13"	7"	7"	13"	7"	6 1/4"	13"	7"	6 1/2"	13"	7"	6 1/4"	13"	7"	4"	2 (BOTTOM)	
	13"	7"	7 1/2"	13"	7"	6 1/4"	13"	7"	6 1/2"	13"	7"	6 1/4"	13"	7"	4"	3 (TOP)	
	N/A	N/A	N/A	6 1/4"	6 1/4"	N/A	N/A	N/A	N/A	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	N/A	3 (BOTTOM)	
	7"	3"	3"	8"	3"	3"	7"	3"	3"	7"	3"	3"	7"	3"	2"	4 (TOP)	
	8"	-	-	8"	-	-	8"	-	-	8"	-	-	8"	-	-	4 (BOTTOM)	
	13"	6 1/2"	6 1/2"	13"	6 1/2"	6 1/4"	13"	6 1/2"	6 1/2"	13"	6 1/2"	6 1/4"	13"	6 1/2"	4"	5 (TOP)	
	13"	7"	7"	13"	7"	6 1/4"	13"	7"	6 1/2"	13"	7"	6 1/4"	13"	7"	4"	5 (BOTTOM)	
	13"	5"	5"	13"	5"	5"	13"	5"	5"	13"	5"	5"	13"	5"	4"	6 (TOP)	
6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	4"	6 (BOTT.**)		

** SPACINGS ONLY VALID WHEN SPACER ⑨ IS USED. SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER ⑨A IS USED.

TABLE #1 Δ	
A.S.D. DESIGN LOAD	MAXIMUM PANEL LENGTH
40 PSF OR LESS	6'-8"
> 40 PSF TO 50 PSF	6'-2"
> 50 PSF TO 60 PSF	5'-10"

Δ MAX. PANEL LENGTHS ARE ONLY VALID FOR INSTALLATIONS
W/ HILLMAN MALE/FEMALE SOLID SET ANCHORS & W/ ⑨A
SPACER AT 12 1/2" O.C.

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF
FLORIDA
PROFESSIONAL
ENGINEER

P.E. SEAL/SIGNATURE/DATE

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TILTECO INC.

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CA-0006719

WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

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

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

W.H
DRAWN BY:

6/26/2026
DATE:

26-069

DRAWING No:

SHEET 10A OF 18

MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING
SCHEDULE FOR REGULAR STORM PANEL ① INSTALLATIONS INTO WOOD STRUCTURES

(VALID ONLY FOR PANEL ① INSTALLATIONS AS PER ALTERNATIVES 1W THRU 4W, ON SHEETS 6 & 7)

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E.D. = AS SHOWN ON SHEETS 6 & 7				APPLICABLE TO ALTERNATIVES # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	ULTRACON+ OR ULTRACON SS4	LAG SCREW	ELCO PANELMATE FEMALE ID	ELCO PANELMATE PLUS		
+45, -45 OR LESS	13"	13"	13"	13"	1W (TOP)	5'-0" OR LESS
	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	-	-	6 1/4"	12 1/2"	2W (BOT.)*	
	8"	8"	8"	8"	3W (TOP)	
	8"	8"	8"	8"	3W (BOTTOM)	
	13"	13"	13"	13"	4W (TOP)	
	13"	13"	13"	13"	4W (BOTTOM)	
	13"	13"	13"	13"	1W (TOP)	>5'-0" TO 14'-4"
	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	-	-	6 1/4"	12 1/2"	2W (BOT.)*	
	4 1/2"	4"	6 1/2"	6 1/2"	3W (TOP)	
	4 1/2"	4 1/2"	7"	7"	3W (BOTTOM)	
	10 1/2"	9 1/2"	12"	12"	4W (TOP)	
	13"	13"	13"	13"	4W (BOTTOM)	

* SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER ⑨A IS USED, CORRESPONDING ONLY TO ALTERNATE 2W' ON SHEET 6

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E.D. = AS SHOWN ON SHEETS 6 & 7				APPLICABLE TO ALTERNATIVES # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	ULTRACON+ OR ULTRACON SS4	LAG SCREW	ELCO PANELMATE FEMALE ID	ELCO PANELMATE PLUS		
>+45, -45 TO +75, -75	13"	13"	13"	13"	1W (TOP)	5'-0" OR LESS
	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/2"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	-	-	6 1/4"	12 1/2"	2W (BOT.)*	
	7"	7 1/2"	8"	8"	3W (TOP)	
	7 1/2"	8"	8"	8"	3W (BOTTOM)	
	13"	13"	13"	13"	4W (TOP)	
	13"	13"	13"	13"	4W (BOTTOM)	
	13"	13"	13"	13"	1W (TOP)	>5'-0" TO 7'-5"
	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/2"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	-	-	6 1/4"	12 1/2"	2W (BOT.)*	
	4 1/2"	5"	7 1/2"	7 1/2"	3W (TOP)	
	5"	5 1/2"	8"	8"	3W (BOTTOM)	
	13"	12"	13"	13"	4W (TOP)	
	13"	13"	13"	13"	4W (BOTTOM)	

* SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER ⑨A IS USED, CORRESPONDING ONLY TO ALTERNATE 2W' ON SHEET 6

TABLE #1 Δ

A.S.D. DESIGN LOAD	MAXIMUM PANEL LENGTH
40 PSF OR LESS	6'-8"
> 40 PSF TO 50 PSF	6'-2"
> 50 PSF TO 60 PSF	5'-10"

Δ MAX. PANEL LENGTHS ARE ONLY VALID FOR INSTALLATIONS W/ ELCO PANEL MATE FEMALE ID OR ELCO PANEL MATE PLUS ANCHORS & W/ ⑨A SPACER AT 12 1/2" O.C.



P.E. SEAL/SIGNATURE/DATE

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e-mail: tiltco@aol.com
CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

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

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

W.H
DRAWN BY:

6/26/2026
DATE:

26-069

DRAWING No:

SHEET 11 OF 18

MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING
SCHEDULE FOR REGULAR STORM PANEL ① INSTALLATIONS INTO WOOD STRUCTURES

(VALID ONLY FOR PANEL ① INSTALLATIONS AS PER ALTERNATIVES 1W THRU 4W, ON SHEETS 6 & 7)
W/THE HILLMAN GROUP APPLICABLE ANCHORS)

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E.D. = AS SHOWN ON SHEETS 6 & 7					APPLICABLE TO ALTERNATIVES # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	SOLID-SET 1/4" SCREW CS.	SOLID-SET #14 FEMALE CS.	SOLID-SET 1/4" SCREW 410 SS.	SOLID-SET #14 MALE CS.	SOLID-SET #14 MALE 304 SS.		
+45, -45 OR LESS	13"	13"	13"	13"	13"	1W (TOP)	5'-0" OR LESS
	13"	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	N/A	6 1/4"	N/A	6 1/4"	6 1/4"	2W (BOTT.*)	
	8"	8"	8"	8"	8"	3W (TOP)	
	8"	8"	8"	8"	8"	3W (BOTTOM)	
	13"	13"	13"	13"	13"	4W (TOP)	
	13"	13"	13"	13"	13"	4W (BOTTOM)	
	13"	13"	13"	13"	13"	1W (TOP)	>5'-0" TO 14'-4"
	13"	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/2"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	N/A	6 1/4"	N/A	6 1/4"	6 1/4"	2W (BOTT.*)	
	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	3W (TOP)	
	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	3W (BOTTOM)	
	7 1/4"	7 1/2"	6 1/2"	7 1/2"	8 1/2"	4W (TOP)	
	13"	13"	13"	13"	13"	4W (BOTTOM)	

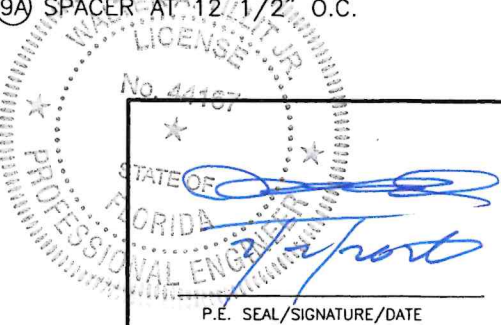
* SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER ⑨A IS USED, CORRESPONDING ONLY TO ALTERNATE 2W' ON SHEET 6

MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f.)	MAXIMUM ANCHORS SPACING FOR E.D. = AS SHOWN ON SHEETS 6 & 7					APPLICABLE TO ALTERNATIVES # & ANY COMBINATION OF THEM	MAXIMUM PANEL LENGTH "L" (ft.)
	SOLID-SET 1/4" SCREW CS.	SOLID-SET #14 FEMALE CS.	SOLID-SET 1/4" SCREW 410 SS.	SOLID-SET #14 MALE CS.	SOLID-SET #14 MALE 304 SS.		
>+45, -45 TO +75, -75	13"	13"	13"	13"	13"	1W (TOP)	5'-0" OR LESS
	13"	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/4"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	N/A	6 1/4"	N/A	6 1/4"	6 1/4"	2W (BOTT.*)	
	7"	7"	7"	7"	7"	3W (TOP)	
	7 1/2"	7 1/2"	7 1/2"	7 1/2"	7 1/2"	3W (BOTTOM)	
	13"	13"	13"	13"	13"	4W (TOP)	
	13"	13"	13"	13"	13"	4W (BOTTOM)	
	13"	13"	13"	13"	13"	1W (TOP)	>5'-0" TO 7'-5"
	13"	13"	13"	13"	13"	1W (BOTTOM)	
	6 1/2"	6 1/4"	6 1/4"	6 1/4"	6 1/4"	2W (TOP)	
	N/A	6 1/4"	N/A	6 1/4"	6 1/4"	2W (BOTT.*)	
	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	3W (TOP)	
	5"	5"	5"	5"	5"	3W (BOTTOM)	
	9 1/2"	9 1/2"	8 1/2"	9 1/2"	11"	4W (TOP)	
	13"	13"	13"	13"	13"	4W (BOTTOM)	

* SEE TABLE #1 FOR MAX. A.S.D. DESIGN LOADS & MAX. PANEL LENGTHS WHEN SPACER ⑨A IS USED, CORRESPONDING ONLY TO ALTERNATE 2W' ON SHEET 6

TABLE #1 Δ	
A.S.D. DESIGN LOAD	MAXIMUM PANEL LENGTH
40 PSF OR LESS	6'-8"
> 40 PSF TO 50 PSF	6'-2"
> 50 PSF TO 60 PSF	5'-10"

Δ MAX. PANEL LENGTHS ARE ONLY VALID FOR INSTALLATIONS W/ THE HILLMAN GROUP MALE/FEMALE SOLID SET ANCHORS & W/ ⑨A SPACER AT 12 1/2" O.C.



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FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

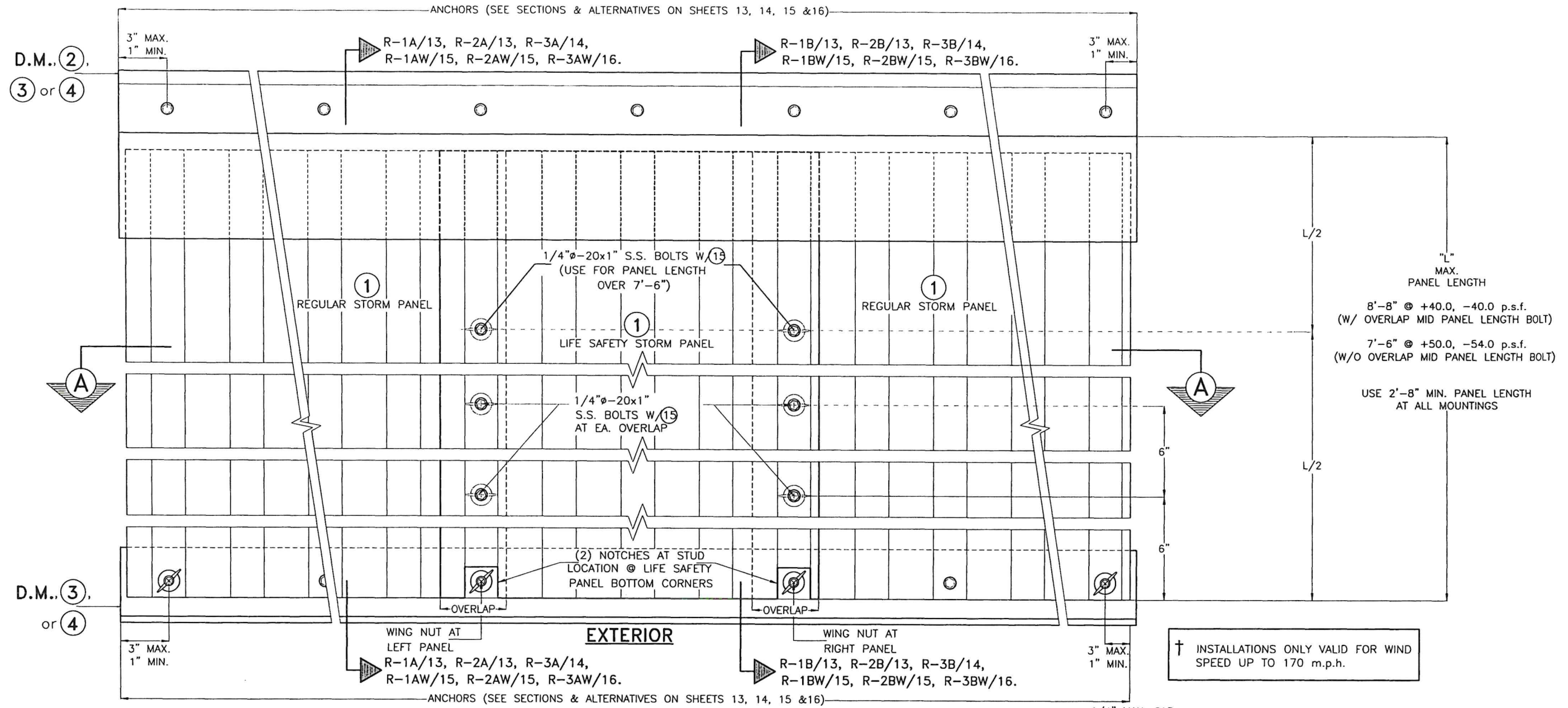
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6/26/2026
DATE:

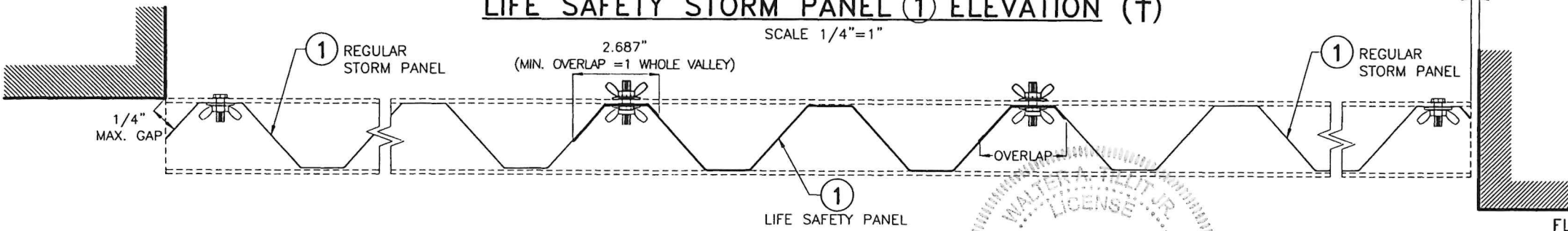
26-069

DRAWING No:

SHEET 11A OF 18



LIFE SAFETY STORM PANEL ① ELEVATION (†)



EXTERIOR
SECTION A-A
SCALE 1/4"=1"

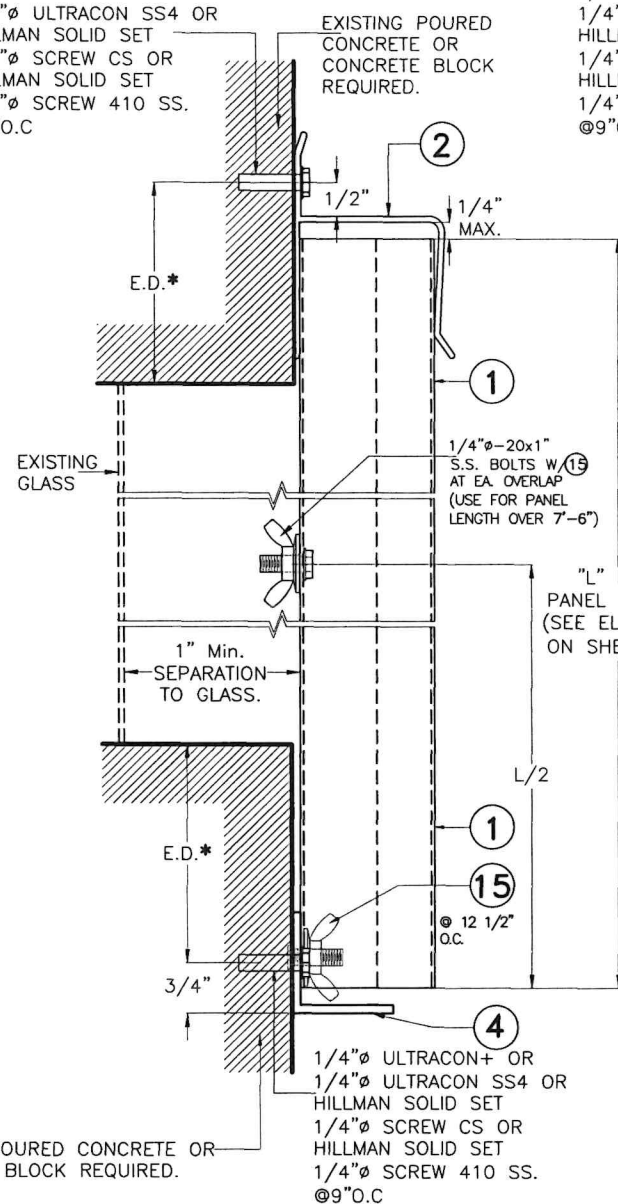
Professional Engineer Seal/Signature/Date
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

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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.
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FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

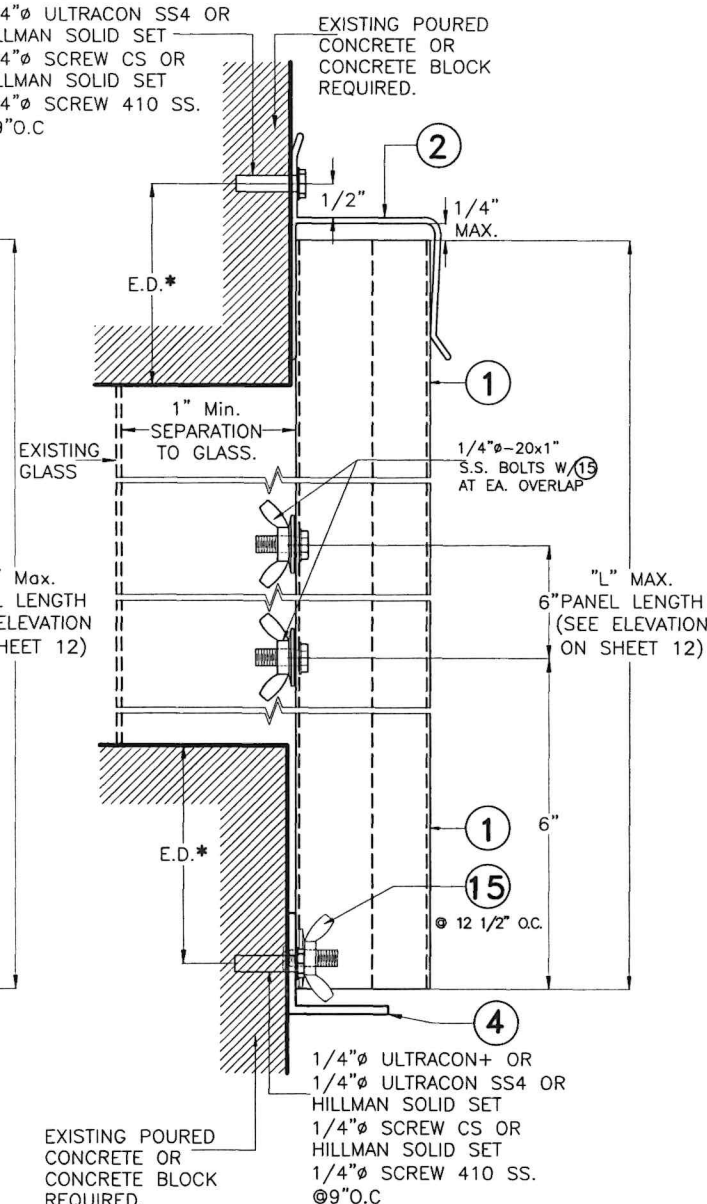
24 GAGE GALVANIZED STEEL STORM PANEL					W.H. DRAWN BY:
GLOBAL PROTECTION PRODUCTS, LLC.					6/26/2026 DATE:
4800 S.W. 51 STREET DAVIE, FL. 33314 PHONE: (954)689-7545, FAX: (954)689-8797					26-069 DRAWING No:
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		
SHEET 12 OF 18					

1/4"Ø ULTRA CON+ OR
1/4"Ø ULTRA CON SS4 OR
HILLMAN SOLID SET —
1/4"Ø SCREW CS OR
HILLMAN SOLID SET
1/4"Ø SCREW 410 SS.
@9"O.C



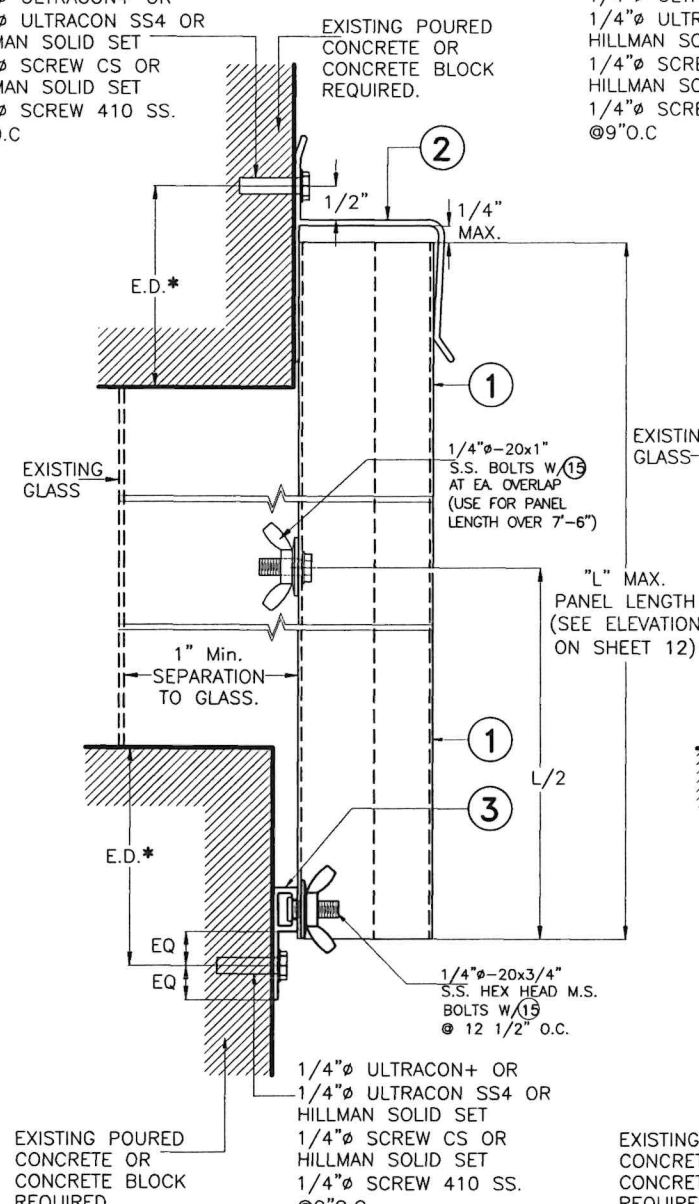
SECTION R-1A
REGULAR PANELS

1/4"Ø ULTRA CON+ OR
1/4"Ø ULTRA CON SS4 OR
HILLMAN SOLID SET
1/4"Ø SCREW CS OR
HILLMAN SOLID SET
1/4"Ø SCREW 410 SS.
Ø 9" O.C



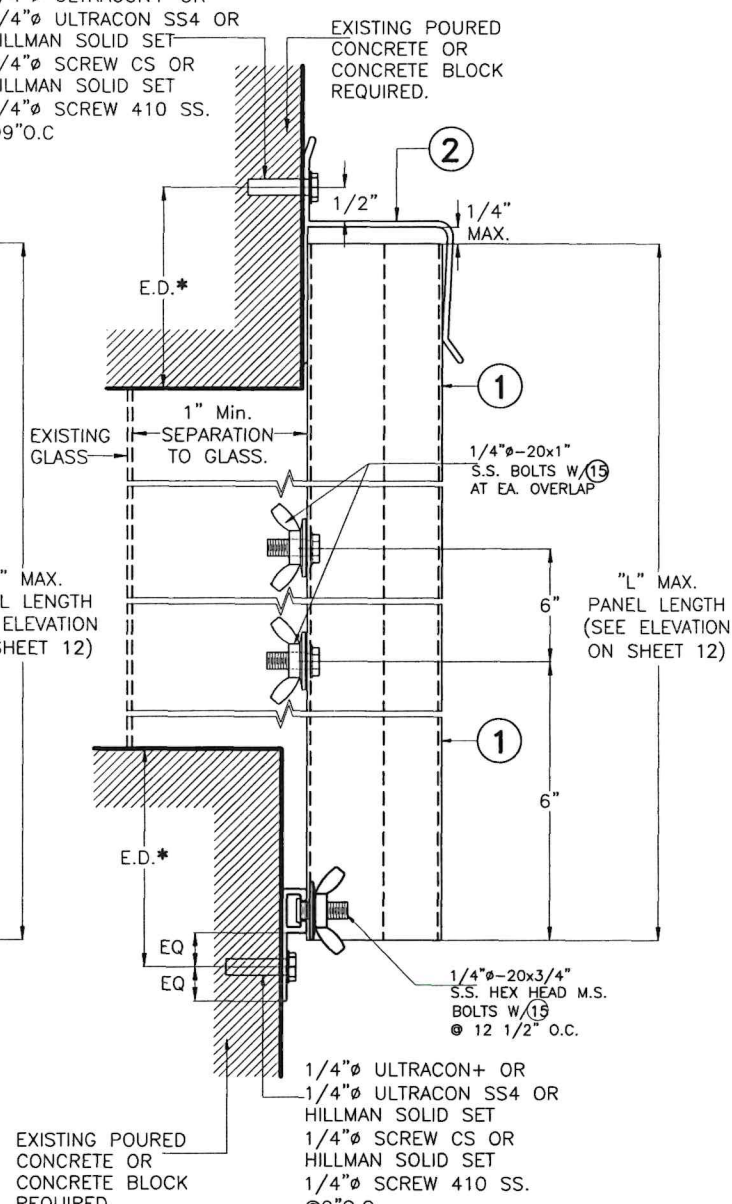
SECTION R-1B
 @ LIFE SAFETY PANEL

1/4"Ø ULTRACON+ OR
1/4"Ø ULTRACON SS4 OR
HILLMAN SOLID SET
1/4"Ø SCREW CS OR
HILLMAN SOLID SET
1/4"Ø SCREW 410 SS.
@9"O C



SECTION R-2A
© REGULAR PANELS

1/4"Ø ULTRACON+ OR
1/4"Ø ULTRACON SS4 OR
HILLMAN SOLID SET
1/4"Ø SCREW CS OR
HILLMAN SOLID SET
1/4"Ø SCREW 410 SS.
@9"O.C



SECTION R-2B
 © LIFE SAFETY PANEL

WALL MOUNTINGS

SEE SHEETS 15 & 16 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS. MINIMUM ANCHOR SPACINGS AND MINIMUM EDGE DISTANCE ARE INDICATED ON THIS SCHEDULE. FOR E.D. LESS THAN INDICATED ON SCHEDULE REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE ON THIS SCHEDULE.	ANCHOR TYPE		1/4" ø	1/4" ø HILLMAN SOLID SET SCREW CS	1/4" ø HILLMAN SOLID SET SCREW 410 SS.
			TAPCON		
	MINIMUM. ANCHOR SPACING (in.)		3	3	3
	* MINIMUM EDGE DISTANCE (E.D.)	Concrete (in.)	3	3	3
		GROUT FILLED (in.)	—	3	3
		Concrete Block (in.)	3	3	3
	ACTUAL EDGE DISTANCE (E.D.)		FACTOR		
2 1/2"		0.90	—	—	
SEE SHEET 1A FOR MIN EMBEDMENT OF ANCHORS					

WALL MOUNTINGS

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

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

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

W.H
DRAWN BY:

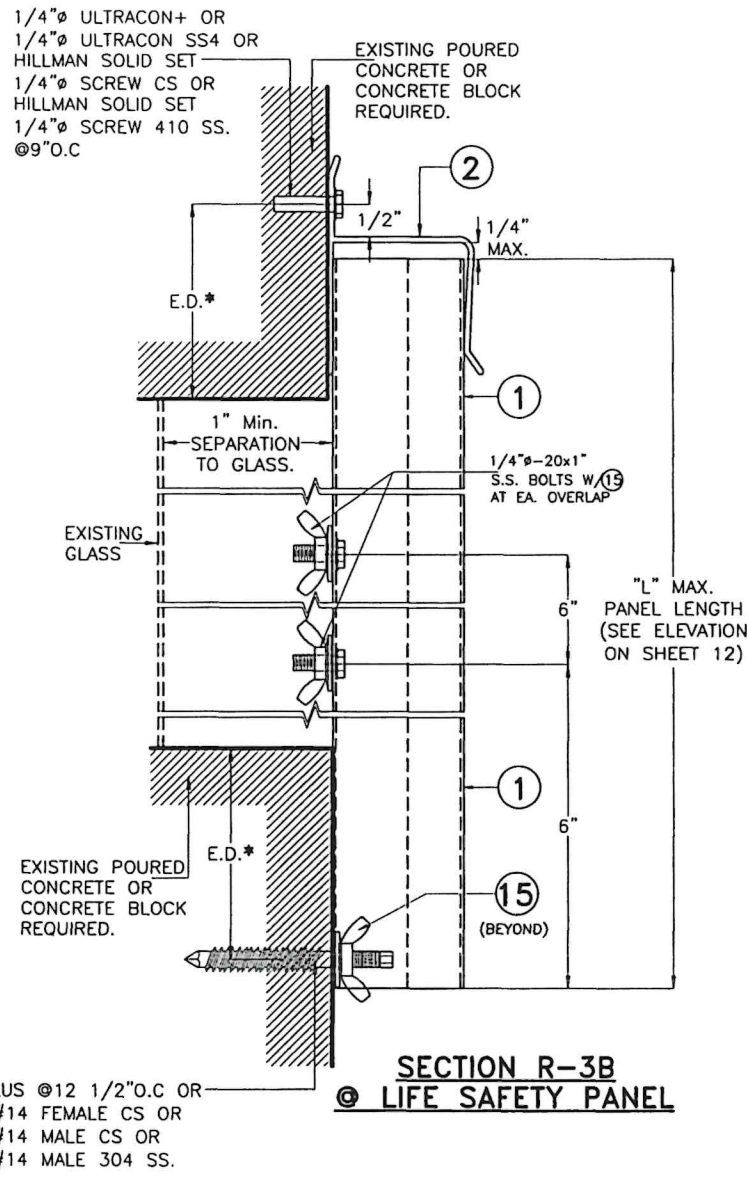
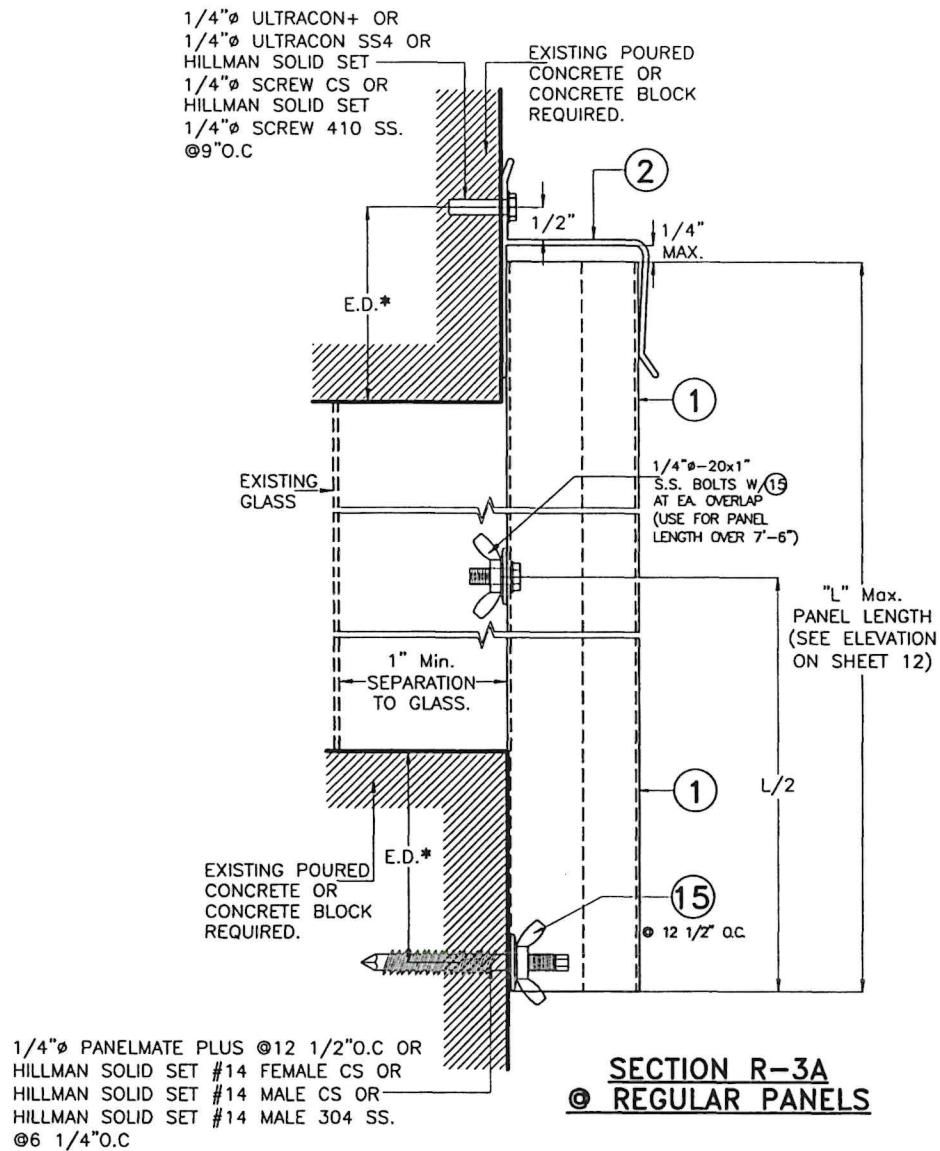
6/26/2026
DATE:

26-069

DRAWING No.

SHEET 13 OF 18

INSTALLATION DETAILS FOR LIFE SAFETY PANEL ①
INTO POURED CONCRETE OR CONCRETE BLOCK STRUCTURES



WALL MOUNTINGS
SCALE 3/8=1"

SEE SHEETS 15 & 16 FOR ANCHORS TYPE & SPACING FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS. MINIMUM ANCHOR SPACINGS AND MINIMUM EDGE DISTANCE ARE INDICATED ON THIS SCHEDULE. FOR E.D. LESS THAN INDICATED ON SCHEDULE REDUCE ANCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SCHEDULE BY THE FOLLOWING FACTORS. FOR THIS OPERATION TO BE POSSIBLE, REDUCED SPACING OBTAINED USING FACTOR SHALL NOT BE LESS THAN MINIMUM SPACING INDICATED FOR EACH ANCHOR TYPE ON THIS SCHEDULE.

ANCHOR TYPE		1/4"Ø	1/4"Ø	1/4"Ø HILLMAN	1/4"Ø HILLMAN	SOLID SET	SOLID SET	SOLID SET
		ULTRAACON+ @9"O.C.	ELCO PANELMATE PLUS	SOLID SET SCREW CS	SOLID SET SCREW 410 SS.	HILLMAN #14 FEMALE CS.	HILLMAN #14 MALE CS.	HILLMAN #14 MALE 304 SS.
* MINIMUM EDGE DISTANCE (E.D.)	Concrete (in.)	3	3	3	3	3	3	3
	GROUT FILLED (in.)	-	-	3	3	3	3	3
	Concrete Block (in.)	3	3 1/2	3	3	3	3	3
ACTUAL EDGE DISTANCE (E.D.)		FACTOR						
2 1/2"		0.90	-					

SEE SHEET 1A FOR MIN EMBEDMENT OF ANCHORS

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

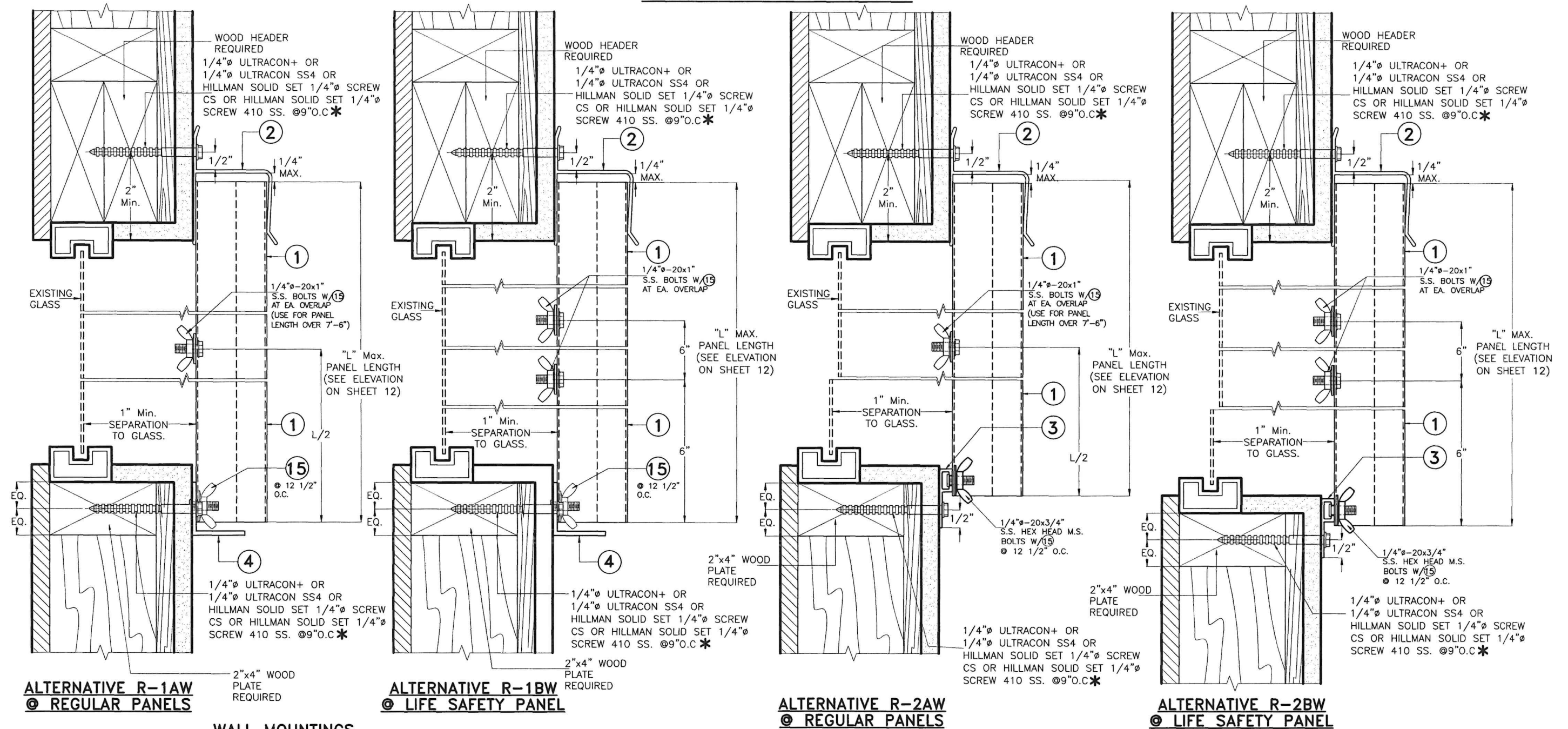
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TILTECO INC.
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FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL					W.H DRAWN BY:
GLOBAL PROTECTION PRODUCTS, LLC.					6/26/2026 DATE:
4800 S.W. 51 STREET DAVIE, FL. 33314 PHONE: (954)689-7545, FAX: (954)689-8797					26-069 DRAWING No:
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

SHEET 14 OF 18

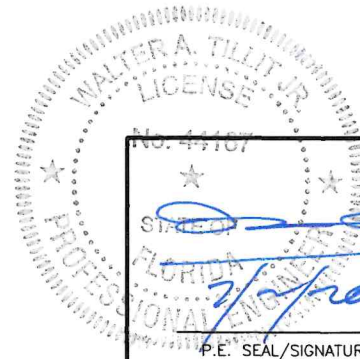
INSTALLATION DETAILS FOR LIFE SAFETY PANEL ① INTO WOOD STRUCTURES



NOTES:

1. INSTALLATION ARE ONLY VALID FOR A.S.D. DESIGN PRESSURE RATINGS (p.s.f) AND PANEL LENGTHS AS PER ELEVATION ON SHEET 12.
2. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

*** SEE SHEET 1A FOR MIN EMBEDMENT OF ANCHORS**



WALL MOUNTINGS
SCALE 3/8=1"

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24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

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

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

W.H
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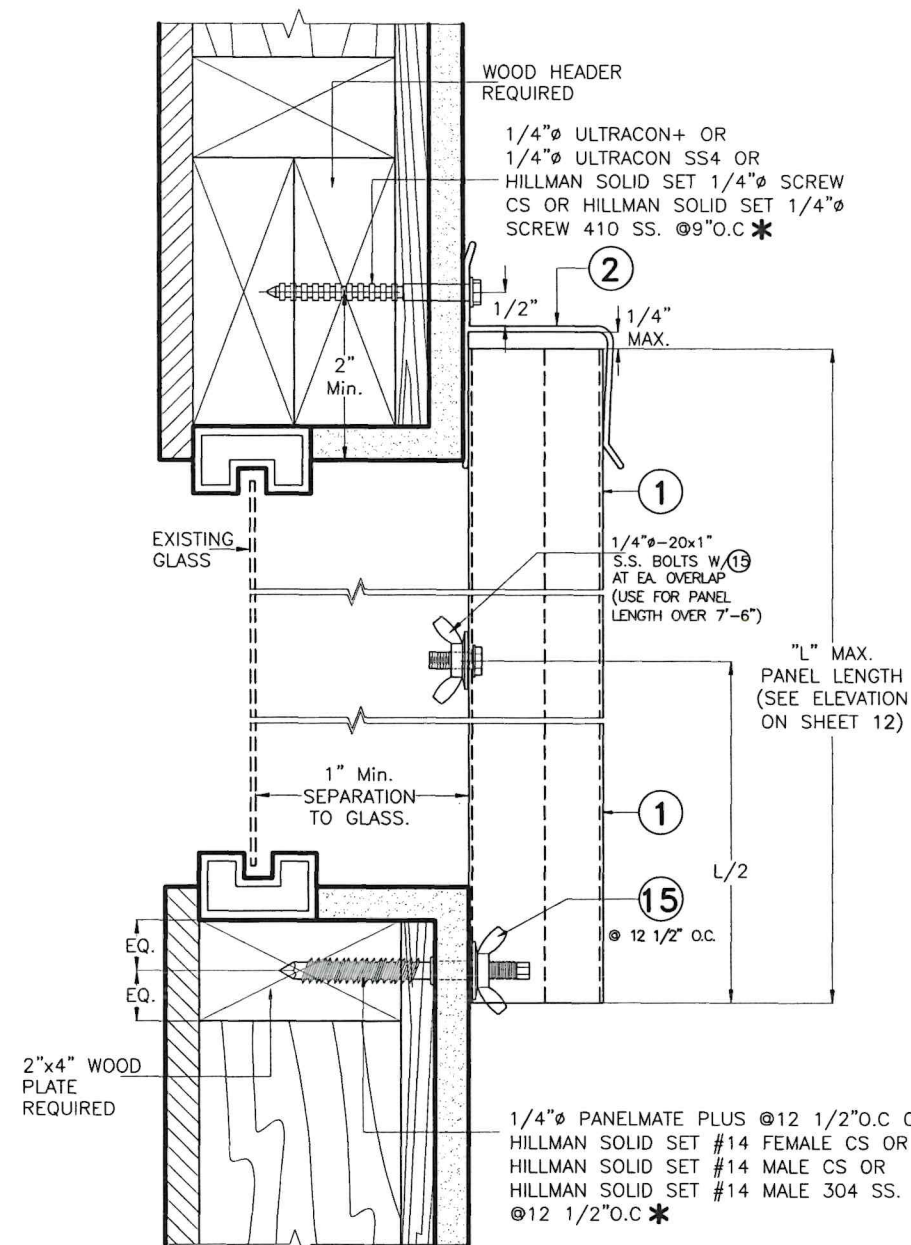
6/26/2026
DATE:

26-069

DRAWING No:

SHEET 15 OF 18

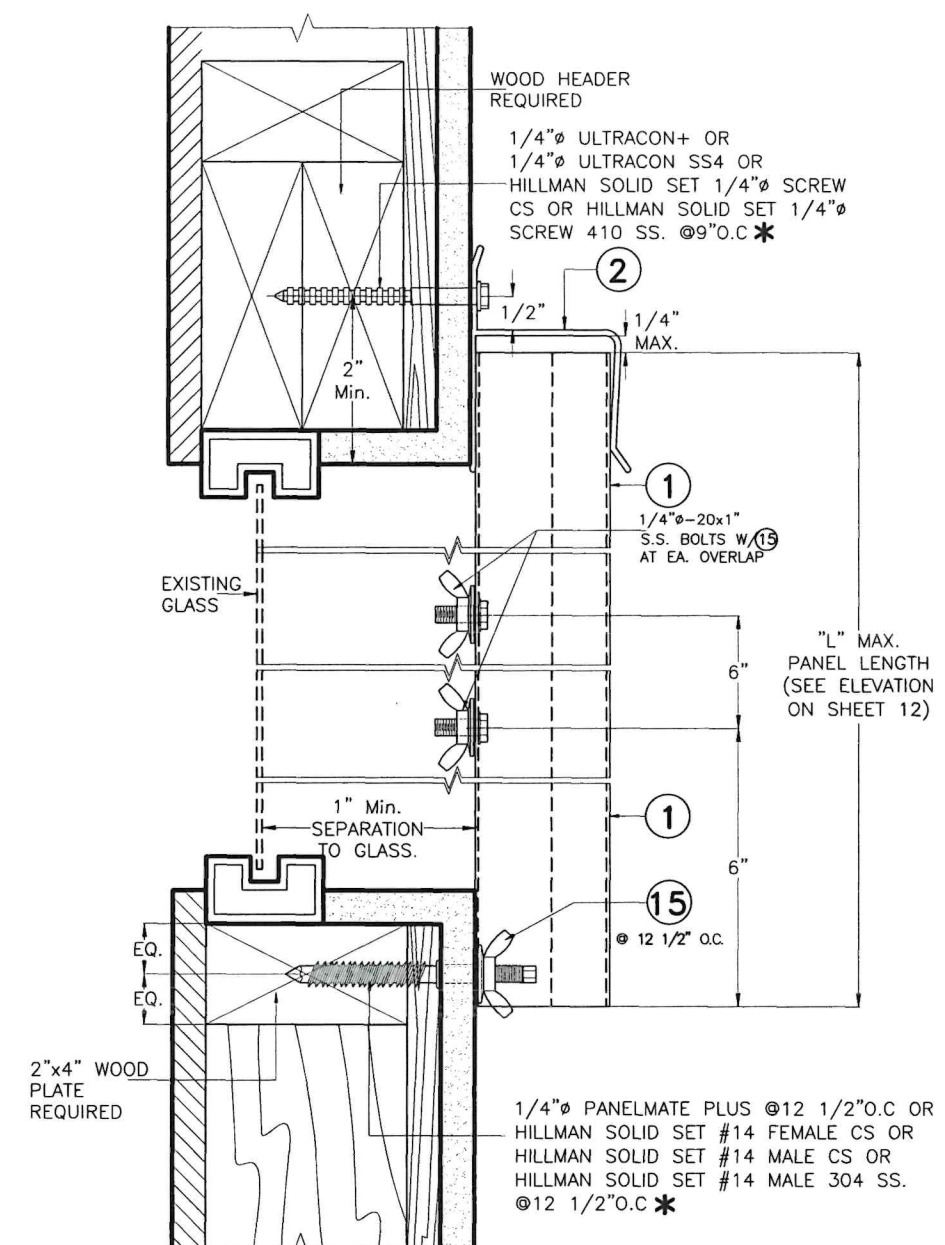
INSTALLATION DETAILS FOR LIFE SAFETY PANEL ① INTO WOOD STRUCTURES



ALTERNATIVE R-3AW
© REGULAR PANELS

WALL MOUNTINGS

SCALE 3/8"=1"



ALTERNATIVE R-3BW
© LIFE SAFETY PANEL

WALL MOUNTINGS

SCALE 3/8"=1"

NOTES:

1. INSTALLATION ARE ONLY VALID FOR MAX. A.S.D. DESIGN PRESSURE RATINGS (p.s.f) AND PANEL LENGTHS AS PER ELEVATION ON SHEET 12.
2. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

* SEE SHEET 1A FOR MIN
EMBEDMENT OF ANCHORS



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FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

4800 S.W. 51 STREET

PHONE: (954)689-7545, FAX: (954)689-8797

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

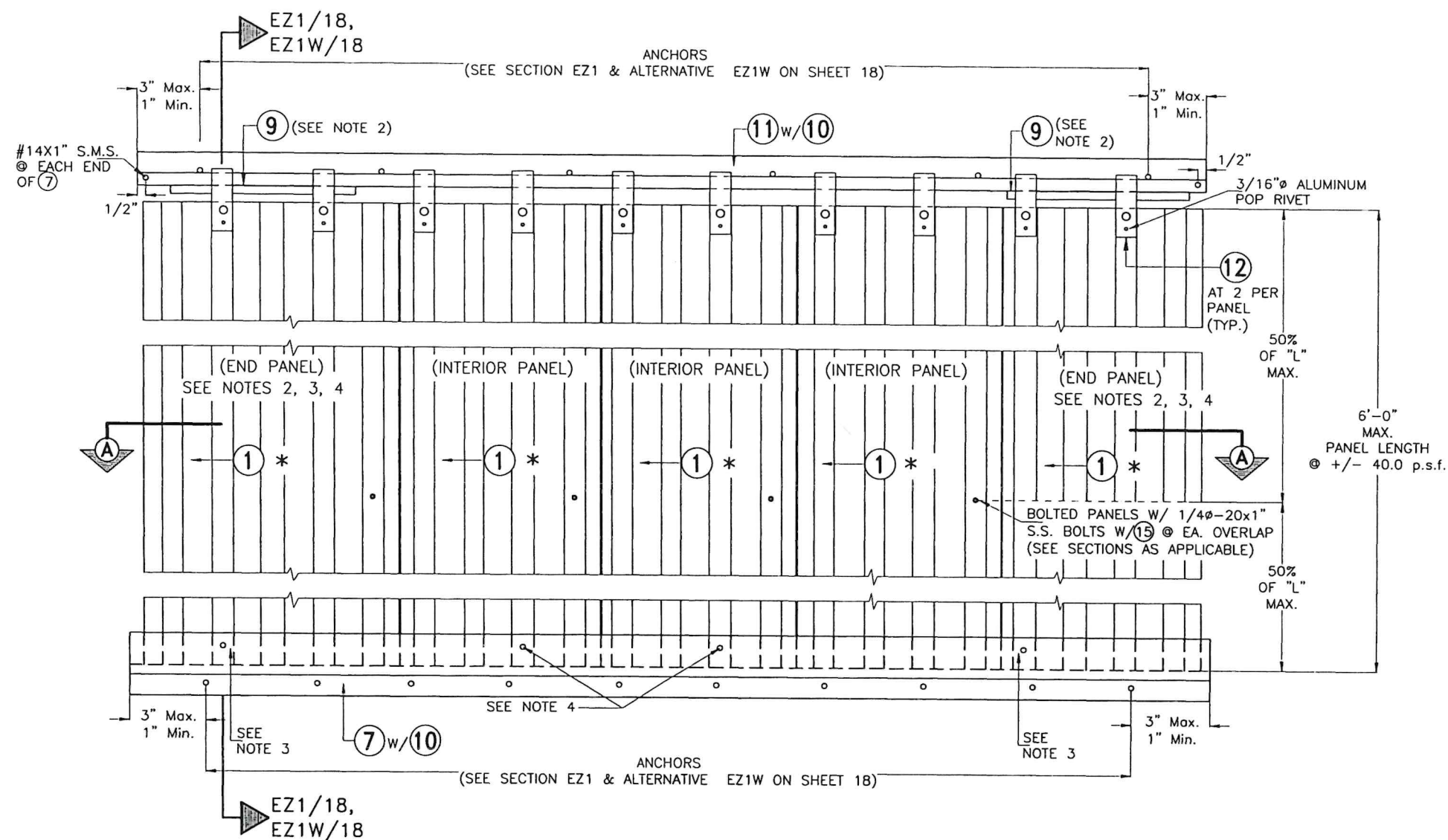
W.H
DRAWN BY:

DATE: 6/26/2026

26-069

DRAWING No: _____

SHEET 16 OF 18



* LAST PANEL (1) TO BE INSTALLED AT EACH OPENING SHALL ALWAYS BE PROVIDED W/ REAR HANDLE TO FACILITATE INSTALLATION IF INTENDED TO BE INSTALLED FROM INSIDE OF STRUCTURE.

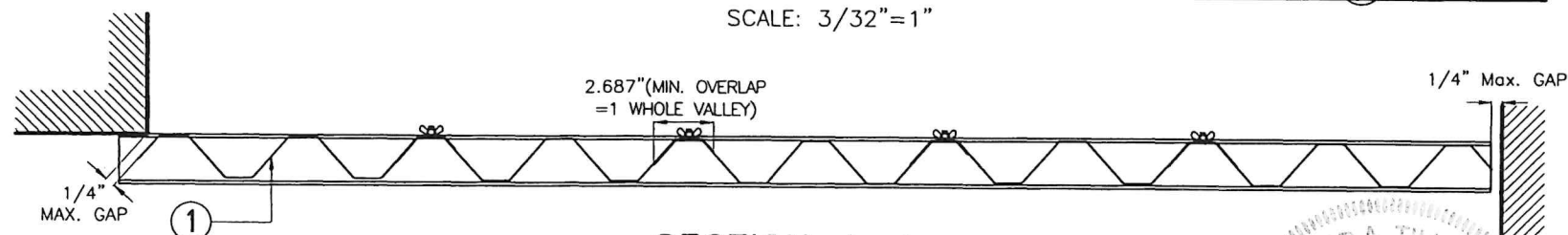
NOTES :

- (1). DEFINITION OF SERIES 2000: E-Z HANG STORM PANEL SYSTEM CONSISTING OF PANEL + CONT. TRACKS TOP & BOTTOM.
- (2). END PANELS SHALL ALWAYS BE CONNECTED TO BOTTOM TRACK OTHERWISE A STOP BAR (9) SHALL BE PROVIDED AT TOP OF SUCH PANELS.
- (3). IF END PANELS ARE CONNECTED TO BOTTOM TRACK, CONNECTION SHALL CONSIST OF 1/4"Ø-20x3/4" M.S. W/ 7/8"Øx3/32" WING NUT OR 1/4"Øx3/4" MIN. THUMBSCREW INTO TAPPED BOTTOM TRACK. LOCATION OF FASTENERS MAY BE AT EITHER OF TWO EXTERIOR FLAT FLANGES OF END PANEL.
- (4). IN CASE THAT END PANELS ARE NOT CONNECTED TO BOTTOM TRACK (i.e. A STOP BAR IS ONLY USED AT TOP) AT LEAST TWO PANELS SHALL BE CONNECTED TO BOTTOM TRACK USING SPECS INDICATED ON NOTE (3) ABOVE. IN SUCH CASE, CONNECTION OF PANELS TO BOTTOM TRACK MAY OCCUR AT ANY PANEL LOCATION.

† INSTALLATIONS ONLY VALID FOR WIND SPEED UP TO 170 m.p.h.

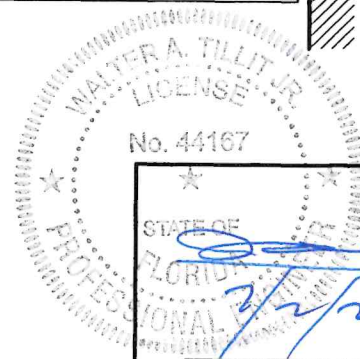
TYPICAL ELEVATION FOR SERIES 2000 E-Z HANG STORM PANEL (1) SYSTEM (†)

SCALE: 3/32"=1"



SECTION A-A

SCALE: 3/32"=1"



P.E. SEAL/SIGNATURE/DATE

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CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 GAGE GALVANIZED STEEL STORM PANEL

GLOBAL PROTECTION PRODUCTS, LLC.

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

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

W.H
DRAWN BY:

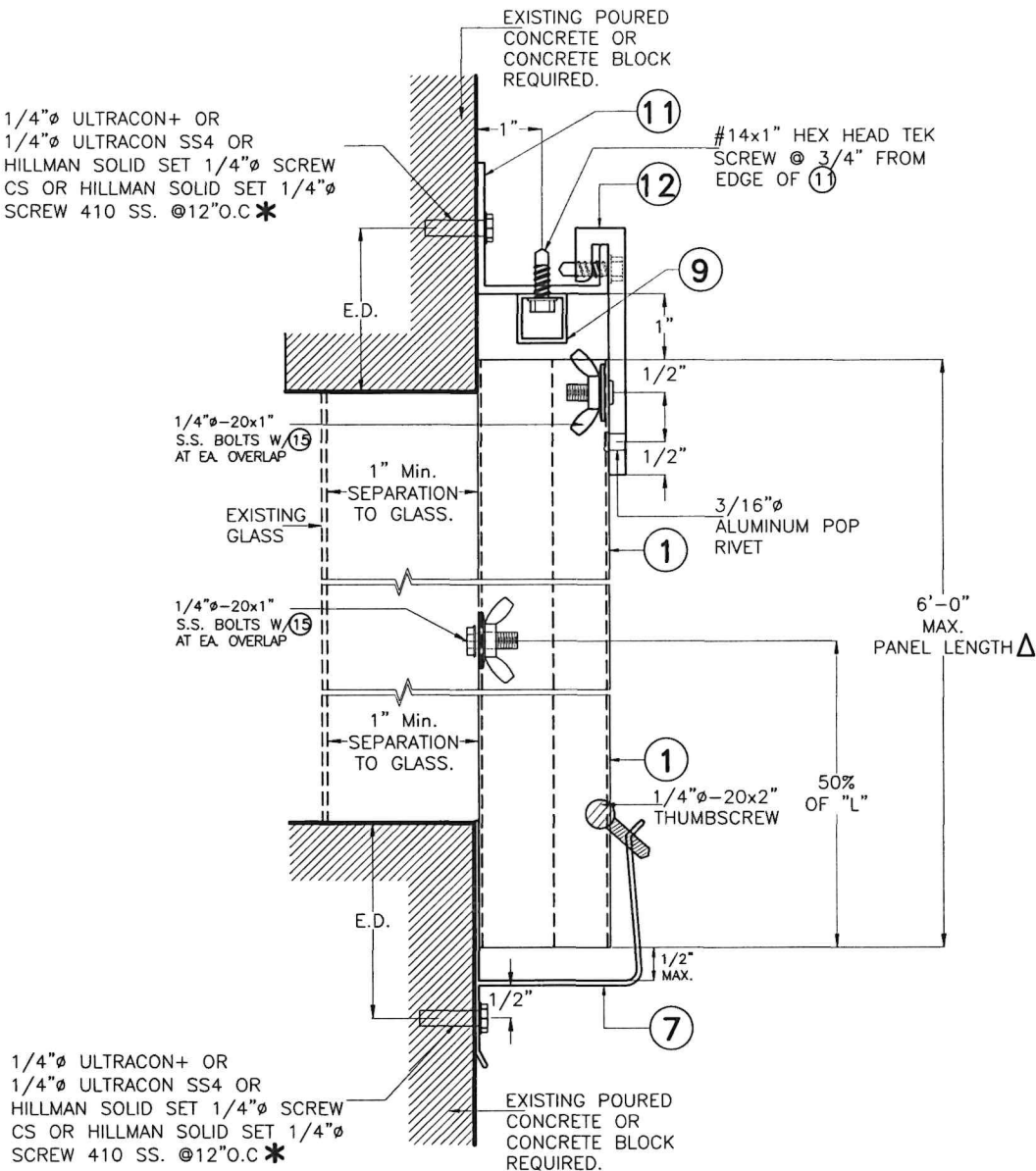
6/26/2026
DATE:

26-069

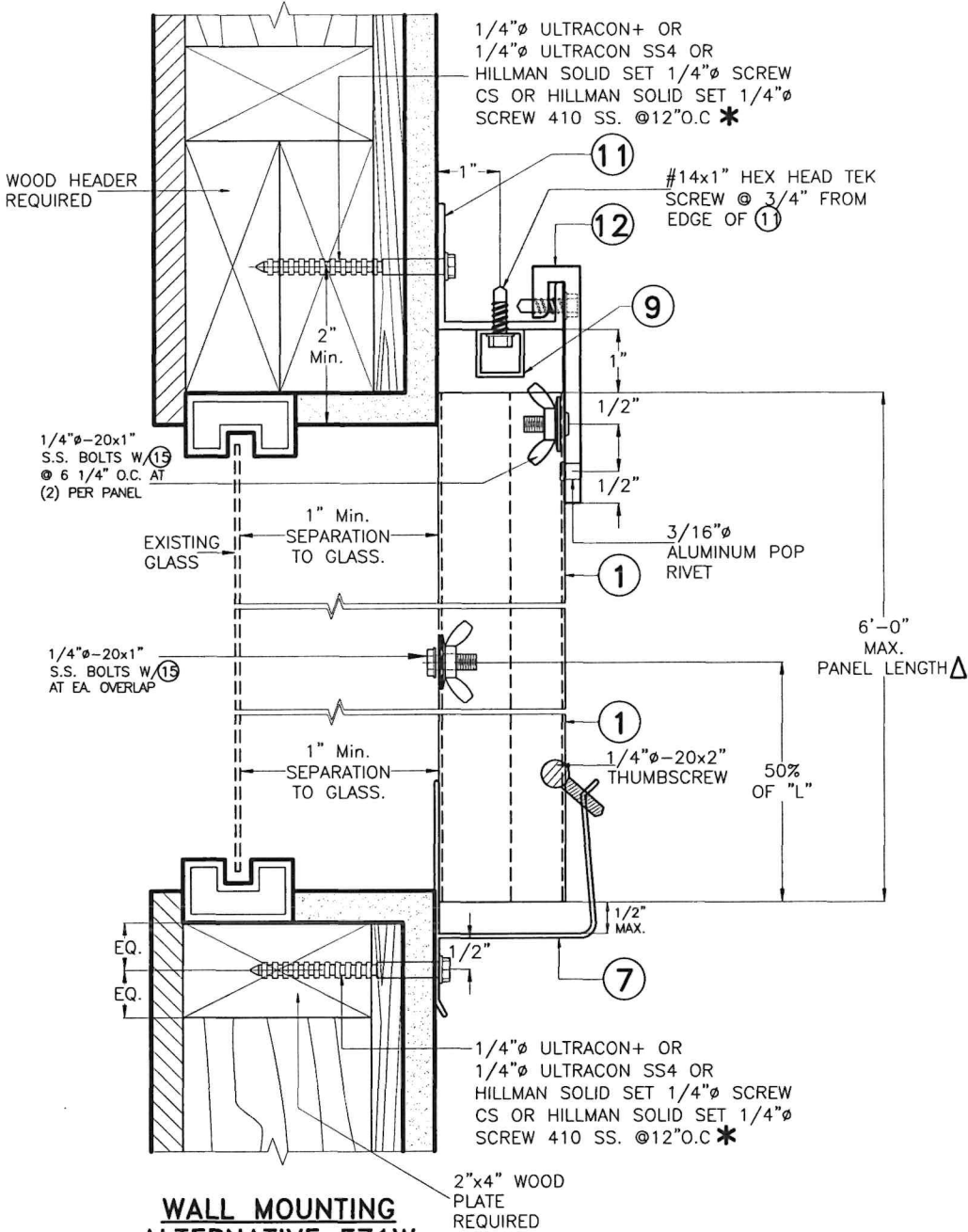
DRAWING No:

SHEET 17 OF 18

INSTALLATION DETAILS FOR SERIES 2000 E-Z HANG STORM PANEL ① INTO POURED CONCRETE, CONCRETE BLOCK AND WOOD STRUCTURES



**WALL MOUNTING
 SECTION EZ1**
 SCALE 3/8=1"



**WALL MOUNTING
 ALTERNATIVE EZ1W**
 SCALE 3/8=1"

NOTES:

1. INSTALLATION ARE ONLY VALID FOR MAX. A.S.D. DESIGN PRESSURE RATING +/- 40.0 p.s.f. AND 6'-0" MAX PANEL LENGTH.
2. FOR NEW WOOD FRAME CONSTRUCTION: WOOD MEMBERS TO BE SOUTHERN PINE No 2, W/ SPECIFIC DENSITY OF 0.55 OR EQUAL.

*** SEE SHEET 1A FOR MIN
 EMBEDMENT OF ANCHORS**

**Δ MIN. PANEL LENGTH
 SHALL BE 2'-6"**

WALTER A. TILLIT JR.
 LICENSE
 No. 44167
 STATE OF
 FLORIDA
 PROFESSIONAL
 2/2/2026
 P.E. SEAL/SIGNATURE/DATE

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 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL. 33166
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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-193	6/26/26	3		
2			4		

W.H
 DRAWN BY:
 6/26/2026
 DATE:
 26-069
 DRAWING No:
 SHEET 18 OF 18