



AS NOTED IN DESIGN
SCHEDULES

POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.

- ALL AMERICAN SHUTTERS AND GLASS
WEST PALM BEACH, FL
TAS 201, TAS 202 & TAS 203
FLORIDA PRODUCT APPROVAL NUMBER

FL 17869.1

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ALL AMERICAN SHUTTERS AND GLASS

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WEST PALM BEACH, FL 33409
(561) 712-9882

22 Ga Galvanized Steel Storm Panels
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA FL#17869.1)

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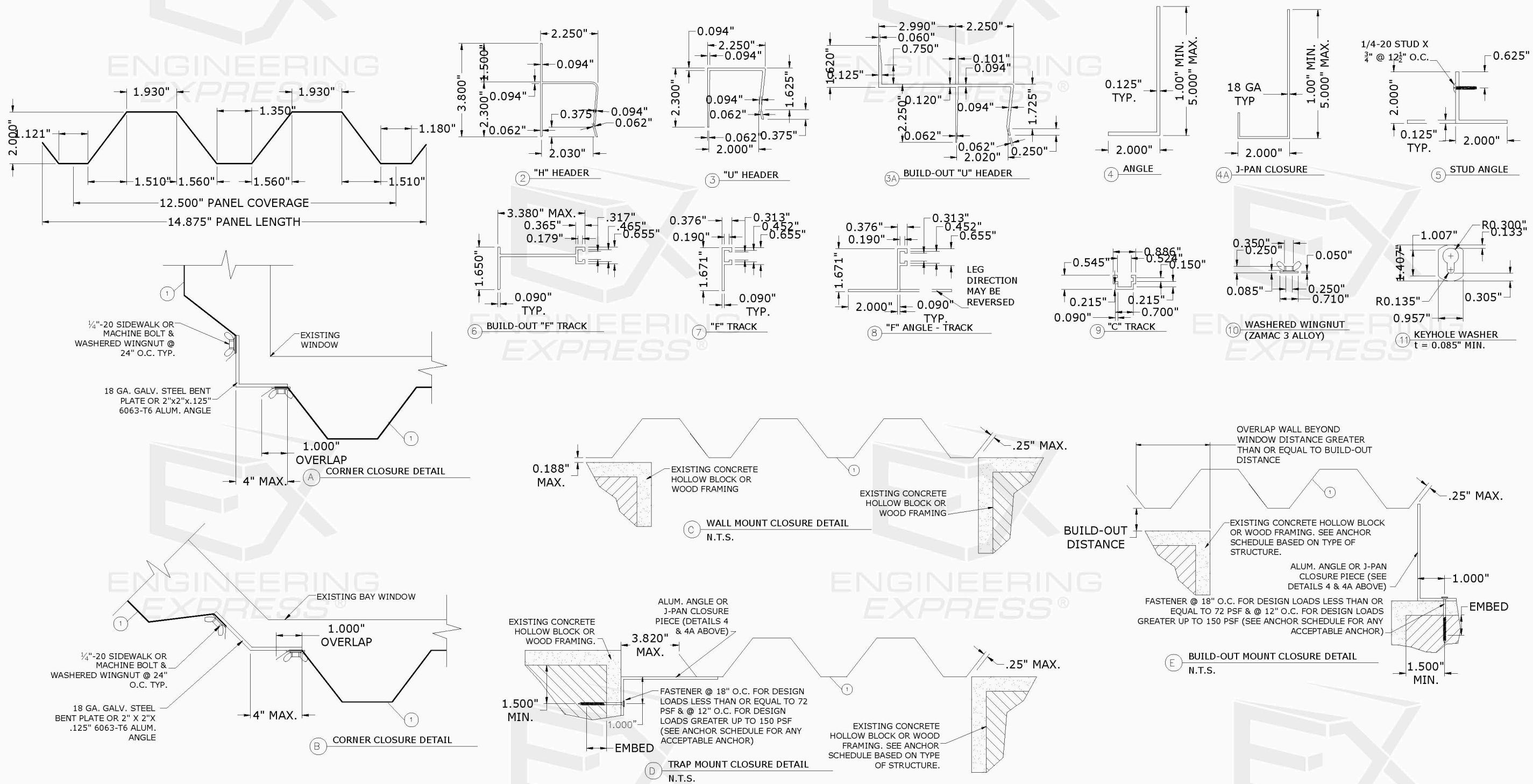
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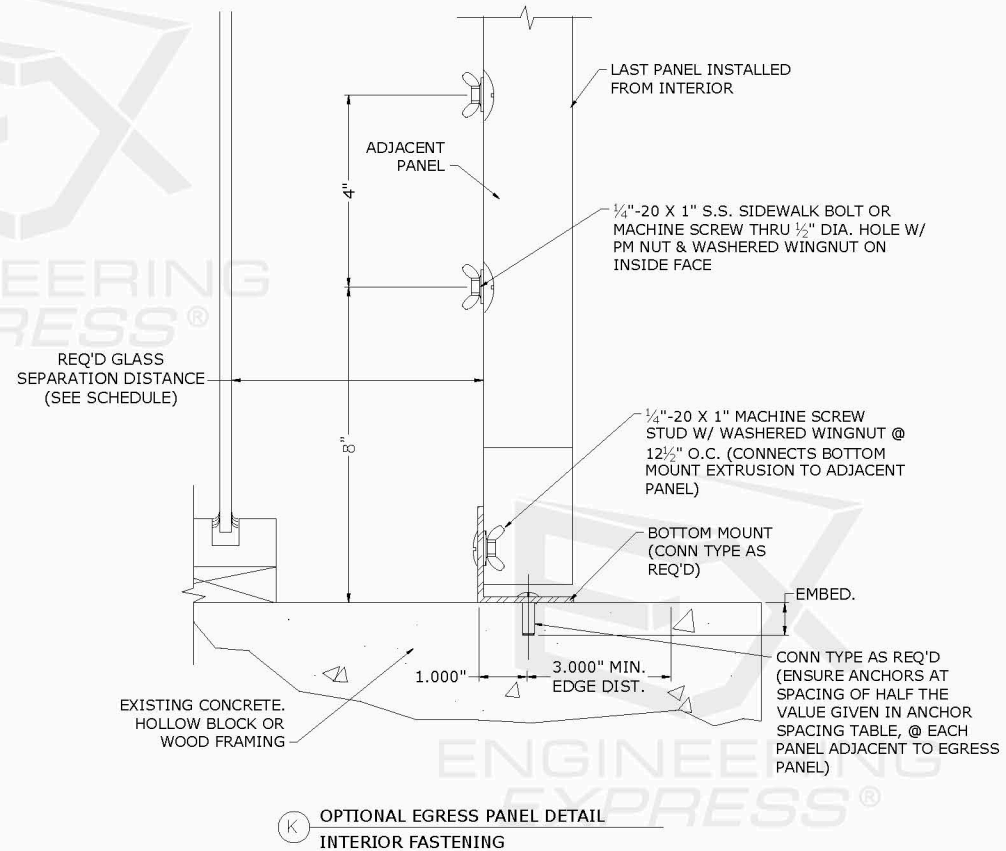
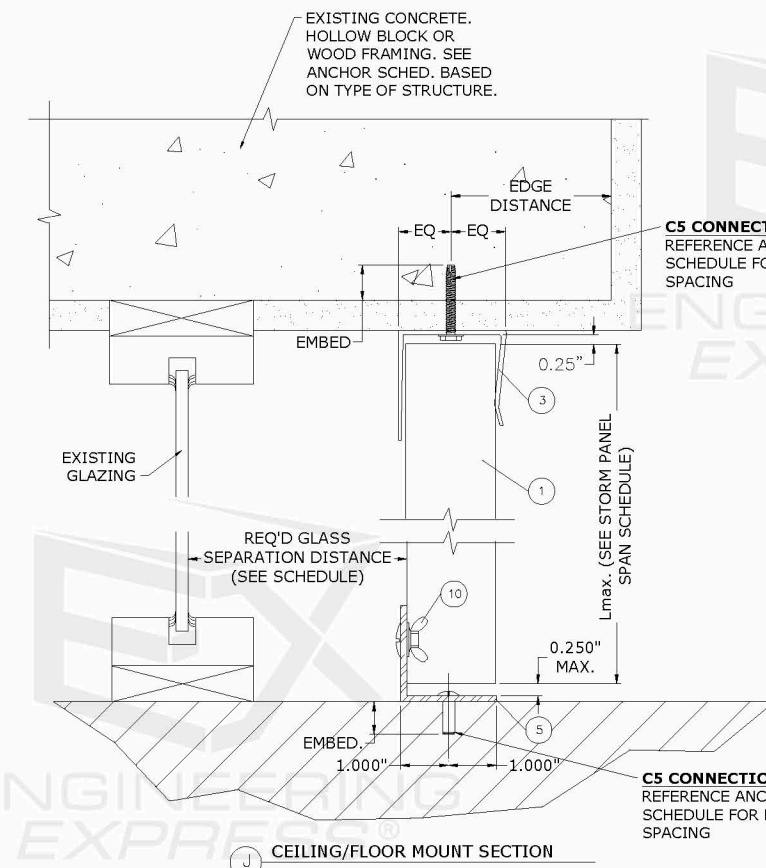
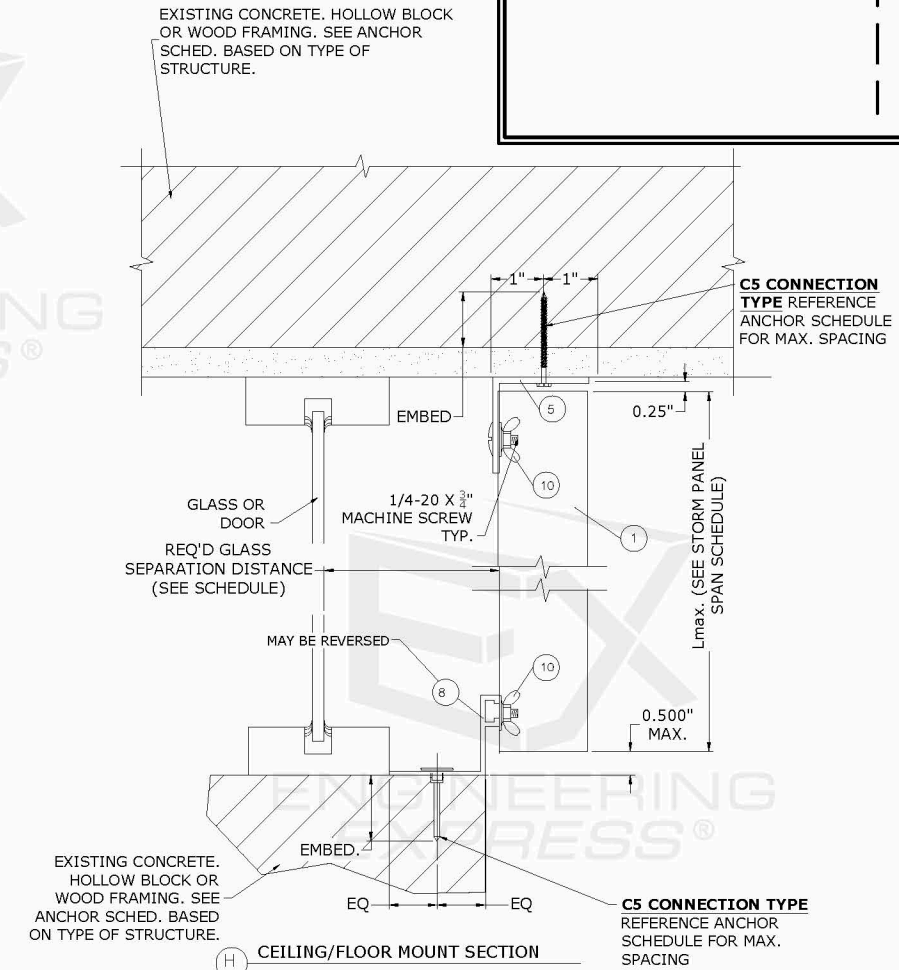
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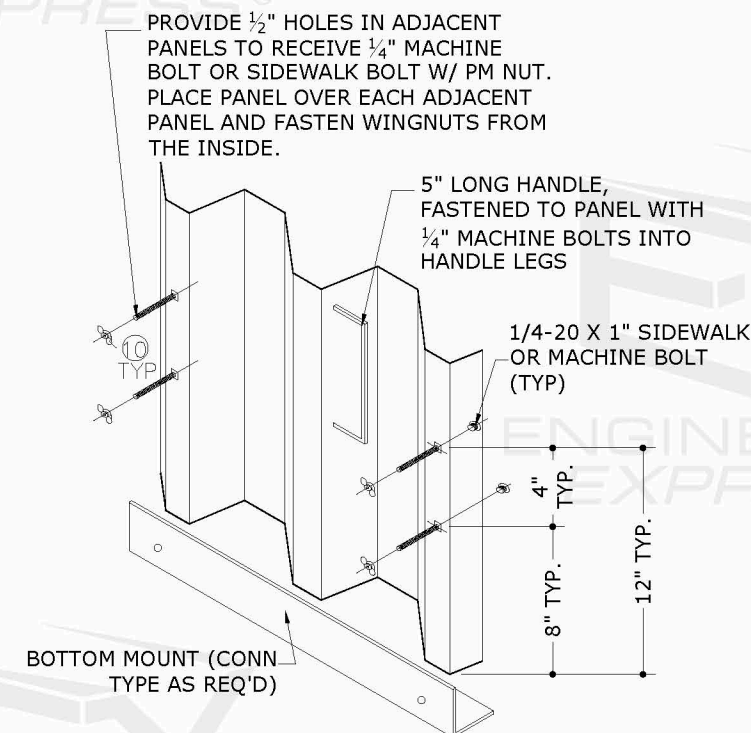




SPAN SCHEDULE NOTES:

MAXIMUM ALLOWABLE DESIGN PRESSURE (PSF)	MAX PANEL SPAN NO STITCH BOLTS	MAX PANEL SPAN WITH STITCH BOLTS
+/- 30	11' - 2"	12' - 0"
+/- 35	10' - 4"	11' - 6"
+/- 40	9' - 8"	11' - 2"
+/- 45	9' - 1"	10' - 10"
+/- 49	8' - 9"	10' - 7"
+/- 50	8' - 8"	10' - 6"
+/- 55	7' - 11"	10' - 3"
+/- 60	7' - 3"	10' - 1"
+/- 62	7' - 0"	9' - 11"
+/- 65	6' - 9"	9' - 9"
+/- 70	6' - 3"	9' - 4"
+/- 72	6' - 1"	9' - 3"
+/- 75	5' - 10"	9' - 0"
+/- 80	5' - 5"	8' - 9"
+/- 90	4' - 10"	7' - 11"
+/- 92	4' - 9"	7' - 9"
+/- 100	4' - 4"	7' - 1"
+/- 110	3' - 11"	6' - 5"
+/- 120	3' - 7"	5' - 11"
+/- 130	3' - 4"	5' - 5"
+/- 140	3' - 1"	5' - 1"
+/- 150	2' - 11"	4' - 9"

1. SPANS SHOWN IN "ALLOWABLE SPAN SCHEDULE" ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE.
2. TABLES ABOVE ARE VALID FOR PANELS MOUNTED HORIZONTALLY OR VERTICALLY.
3. INTERPOLATION BETWEEN LOADS IS ACCEPTABLE. OTHERWISE USE NEXT HIGHER LOAD.



L OPTIONAL INTERIOR FASTENING

NOTE:
THIS DETAIL DEPICTS THE CONNECTION OF THE LAST PANEL FOR AN
OPENING W/ PANELS INSTALLED FROM INSIDE. REFERENCE MOUNTING
DETAILS FOR TOP & BOTTOM MOUNTING CONNECTIONS.

GLASS SEPARATION SCHEDULE NOTES:

POSITIVE DESIGN PRESSURE	MAXIMUM PANEL SPAN:	INSTALLATIONS LESS THAN 30' ABOVE GRADE	INSTALLATIONS GREATER THAN 30' ABOVE GRADE
30 PSF	6'-0"	2.75 "	1.12 "
	8'-8"	2.75 "	1.47 "
	12'-0"	2.82 "	2.82 "
40 PSF	6'-0"	2.75 "	1.15 "
	8'-8"	2.75 "	1.63 "
	11'-2"	2.80 "	2.80 "
50 PSF	6'-0"	2.75 "	1.18 "
	8'-8"	2.75 "	1.79 "
	10'-8"	2.86 "	2.86 "
60 PSF	6'-0"	2.75 "	1.22 "
	8'-8"	2.75 "	1.95 "
	10'-2"	2.83 "	2.83 "
70 PSF	6'-0"	2.75 "	1.25 "
	8'-8"	2.75 "	2.10 "
	9'-8"	2.73 "	2.73 "
150 PSF	2'-0"	2.75 "	1.01 "
	3'-6"	2.75 "	1.07 "
	4'-9"	2.75 "	1.23 "

1. ENTER GLASS SEPARATION SCHEDULE WITH POSITIVE DESIGN LOAD TO DETERMINE MINIMUM ALLOWABLE SEPARATION FROM FENESTRATION TO BE PROTECTED.
2. SCHEDULE IS REQUIRED FOR USE WITH POSITIVE LOADS ONLY. INTERPOLATION BETWEEN LOADS IS ACCEPTABLE, OTHERWISE USE NEXT HIGHER LOAD.
3. FOR INSTALLATIONS OUTSIDE OF THE HVHZ AND OUTSIDE OF ESSENTIAL FACILITIES IN ASTM WIND ZONES 1 THROUGH 3, THE GLASS SEPARATION SCHEDULE IS NOT REQUIRED AND NO MINIMUM SEPARATION FROM THE PROTECTED OPENING IS REQUIRED.

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REMARKS	DRAWN CHKD	DATE
PREV SUBMITTAL (20-31646)	RWN CCB	09/16/20
2023 FBC UPDATE	MRT	ER/RN 08/10/23
X	X	X
X	X	X

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ANCHOR NOTES:

1. SPANS AND PRESSURES SHOWN HERE ARE FOR DETERMINING ANCHOR SPACING ONLY. ALLOWABLE STORM PANEL SPANS FOR SPECIFIC LOADS MUST BE LIMITED TO THOSE SHOWN IN ANCHOR TABLE ABOVE.
2. ENTER ANCHOR SCHEDULE BASED ON THE EXISTING STRUCTURE MATERIAL, ANCHOR TYPE AND EDGE DISTANCE. SELECT DESIGN LOAD GREATER THAN OR EQUAL TO THE REQUIRED LOAD ON THE SHUTTER AND SELECT SPAN GREATER THAN OR EQUAL TO SHUTTER SPAN.
3. SEE MOUNTING SECTION DETAILS FOR IDENTIFICATION OF CONNECTION TYPE.
4. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
5. CONCRETE ANCHORS NOTED HEREIN SHALL BE EMBEDDED TO UN-CRACKED CONCRETE ONLY.
6. ENSURE MINIMUM 2" EDGE DISTANCE FOR ALL ANCHORS TO CONCRETE & TO HOLLOW BLOCK.
7. WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING).
8. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
9. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
10. HOLLOW BLOCK HOST STRUCTURE SHALL CONFORM TO ASTM C90 BLOCK.
11. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES. WALL FINISHES SHALL BE LIMITED TO 1/4" MAX OR SHALL BE VERIFIED BY OTHERS TO ADEQUATELY TRANSFER LOADS TO HOST STRUCTURE.
12. MACHINE SCREWS SHALL HAVE 1/2" MINIMUM ENGAGEMENT OF THREADS INTO THE BASE ANCHOR AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WAFER HEAD (SIDEWALK BOLT) U.N.O.
13. LINEAR INTERPOLATION IS NOT PERMITTED FOR USE WITH THE ANCHOR SCHEDULES LISTED ON THIS SHEET.
14.  DESIGNATES ANCHOR CONDITIONS WHICH ARE NOT ACCEPTABLE FOR USE.

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