

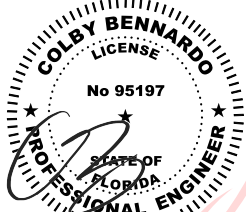
"SAFETY EDGE" & POLYCARB STORM PANELS

ABC SUPPLY OUTDOOR SOLUTIONS - 28 ga (0.018") STEEL & 0.100" POLYCARB
LARGE MISSILE IMPACT RESISTANT - VALID FOR USE OUTSIDE THE HVHZ ONLY (SEE LIMITATIONS HEREIN)
THIS IS A NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

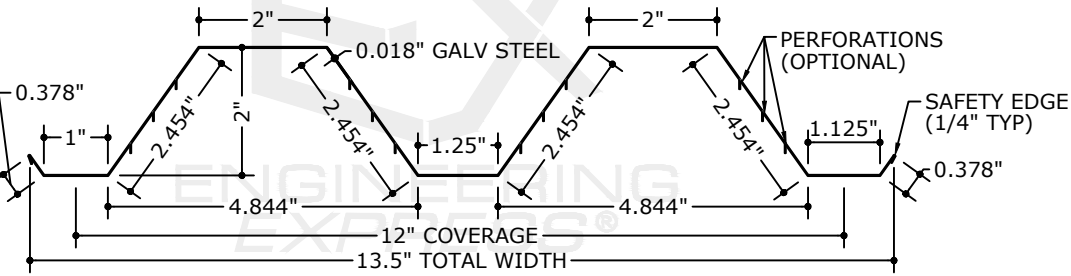
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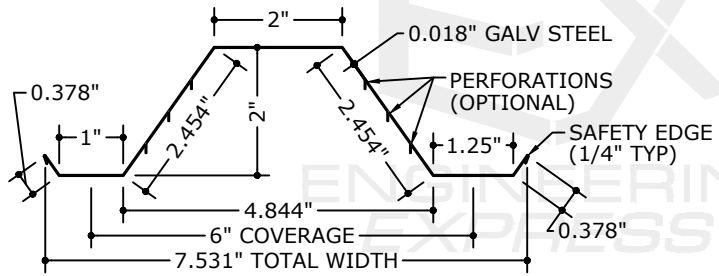
COLBY BENNARDO, PE
PE# 95197 CA# 9885



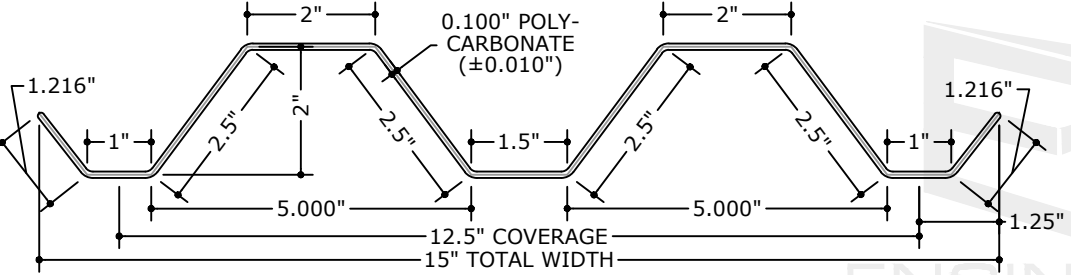
Digitally signed by
Colby Bennardo
Date: 2026.08.17
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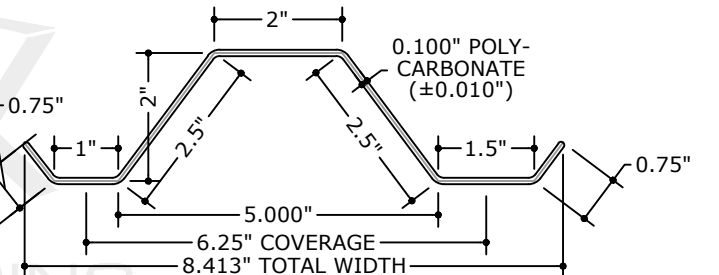
1a STEEL STORM PANEL PROFILE
4" = 1'-0"



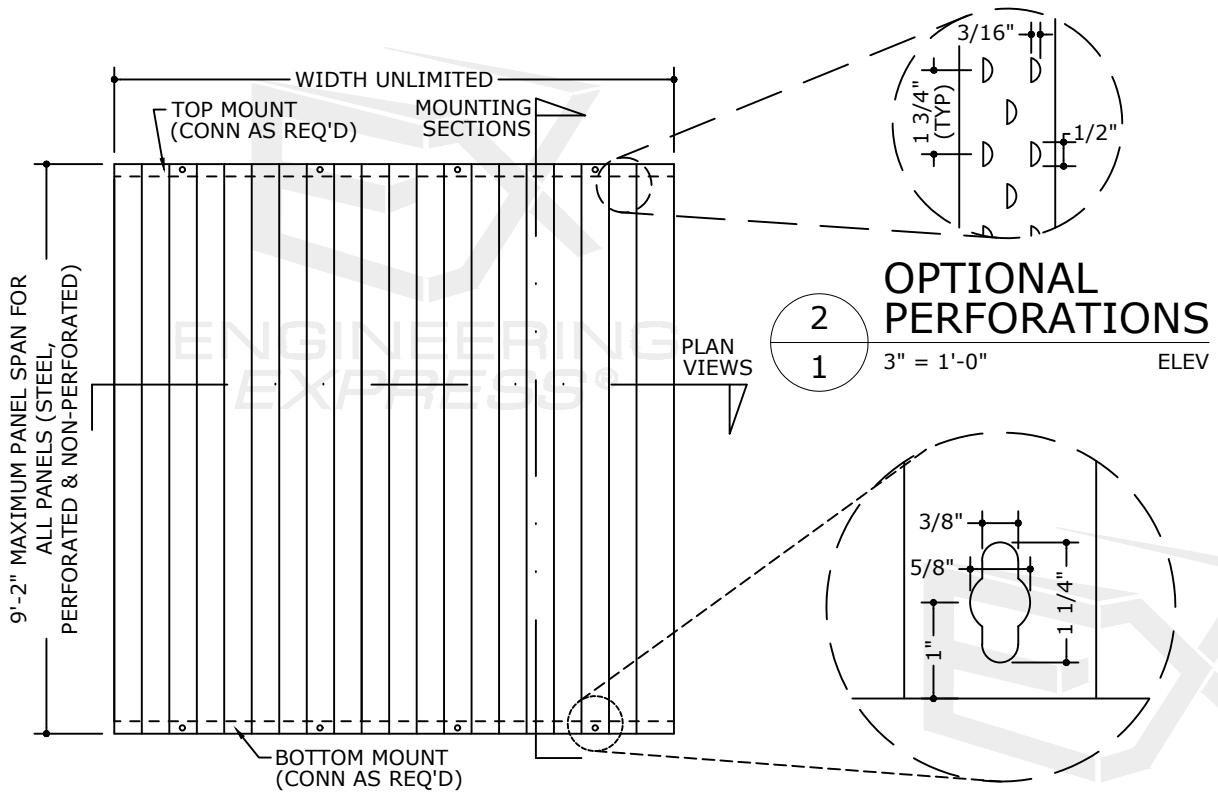
1b STEEL HALF-PANEL PROFILE
4" = 1'-0"



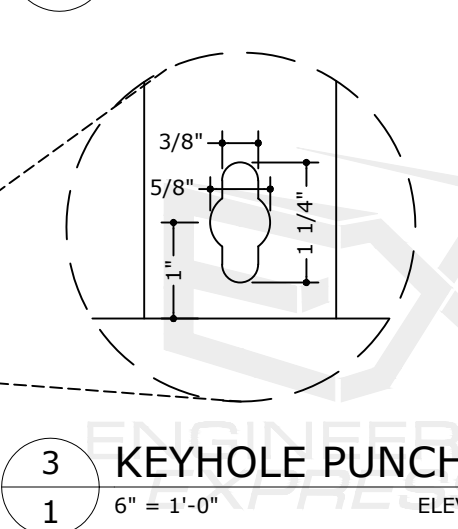
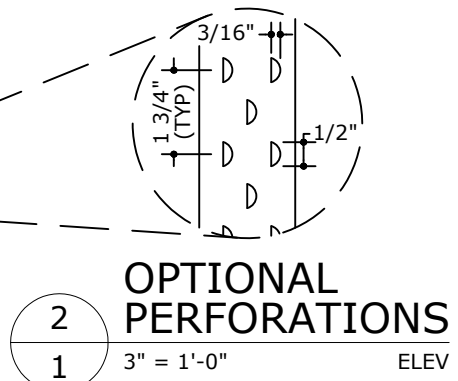
1c POLYCARB STORM PANEL PROFILE
4" = 1'-0"



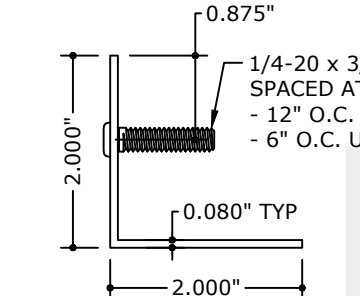
1d POLYCARB HALF-PANEL PROFILE
4" = 1'-0"



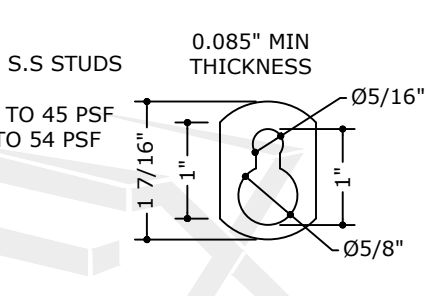
1 TYPICAL ELEVATION
1 N.T.S.



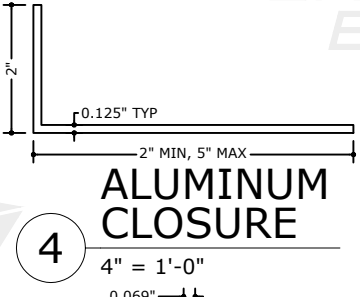
3 KEYHOLE PUNCH
1 6" = 1'-0"



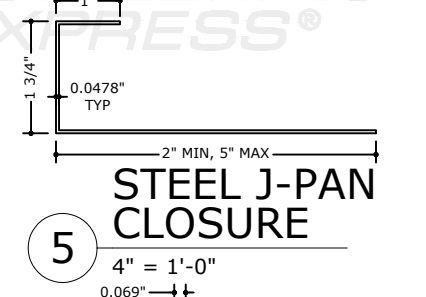
2 STUDDED ANGLE
6" = 1'-0"



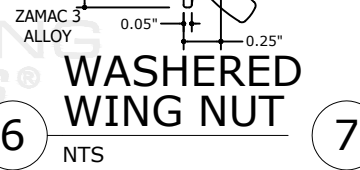
3 KEYHOLE WASHER
6" = 1'-0"



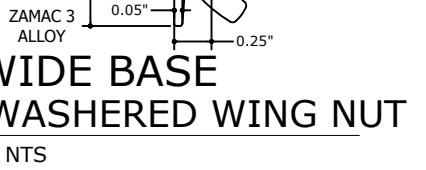
4 ALUMINUM CLOSURE
4" = 1'-0"



5 STEEL J-PAN CLOSURE
4" = 1'-0"



6 WASHERED WING NUT
NTS



7 WIDE BASE WASHERED WING NUT
NTS

- GENERAL NOTES:**
- THIS SYSTEM HAS BEEN TESTED AND EVALUATED AS A LARGE MISSILE IMPACT PROTECTIVE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE NINTH EDITION (2026), THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL BUILDING CODE (IRC) CURRENT EDITION, FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE PER ASTM STANDARDS E330, E1886, & E1996 SEE PRODUCT EVALUATION REPORT FOR ADDITIONAL INFORMATION.
 - WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
 - 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 NINTH EDITION (2026) SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
 - THIS SYSTEM HAS BEEN DESIGNED WITH NO SEPARATION FROM GLAZING REQUIRED FOR WIND ZONES 1-3 IN ACCORDANCE WITH ASTM E1996. IT IS ACCEPTABLE BY CODE UNLESS OPTIONAL CRITERIA IS INDEPENDENTLY ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
 - DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
 - THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS TO BE USED IN CONJUNCTION WITH THIS DOCUMENT.
 - THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS IS OUTSIDE THE SCOPE OF THIS CERTIFICATION AND SHALL BE VERIFIED BY OTHERS.
 - CLEAR POLYCARBONATE PANELS SHALL BE ALTERNATED WITH 0.018" (MIN) GALV STEEL PANELS SUCH THAT NO TWO POLYCARBONATE PANELS ARE ADJACENT TO EACH OTHER.
 - No. 3 KEYHOLE WASHER REQUIRED ONLY WHEN 7/8" Ø WASHERED WING NUT No. 6 IS USED. WHEN LARGE WASHERED WING NUT No. 7 IS USED, THE No. 3 KEYHOLE WASHER IS NOT REQUIRED.
 - ALL GALV STEEL STORM PANELS SHALL HAVE MIN GALVANIZED THICKNESS t=0.018" CONFORMING TO ASTM A653, STRUCTURAL QUALITY GRADE 40, WITH G60 GALVANIZED COATING AND MIN Fy=44.58 KSI.
 - CLEAR POLYCARBONATE STORM PANELS WITH 12.5" COVERAGE SHALL BE MFD BY TRANSPARENT PROTECTION SYSTEMS, Inc., AND THOSE WITH 6.25" COVERAGE SHALL BE MANUFACTURED BY TOWN & COUNTRY INDUSTRIES, Inc. ALL POLYCARB PANELS SHALL BE EXTRUDED WITH THICKNESS t=0.100" (±0.010") AND SHALL BE MANUFACTURED FROM 100% SYNTHETIC THERMOPLASTIC POLYMER RESIN (UV STABILIZED). TYPICAL TENSILE STRENGTH Fy=8.908 KSI, FLEXURAL STRENGTH Fby=12.90 KSI, & FLEXURAL MODULUS IS 328.7 KSI.
 - ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
 - PANELS SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER PANEL AS FOLLOWS:
 - STORM PANELS HAVE BEEN DESIGNED AND TESTED TO THE MAXIMUM SPANS AND LOADS SHOWN ON THESE DRAWINGS. REFERENCE CONSTRUCTION TESTING CORPORATION (CTC OF MIAMI, FL) TEST REPORTS #04-004, #04-005, & #04-006.
 - TOP & BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE. PANELS MAY BE MOUNTED HORIZONTALLY WHERE APPLICABLE.
 - ALL BOLTS & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL OR STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 33 KSI.
 - FOR PERMANENT OUTDOOR INSTALLATIONS, ALL EXPOSED ANCHORS, FASTENERS, CONNECTORS, AND METAL PLATES SHALL BE CORROSION RESISTANT. CORROSION RESISTANCE MAY BE PROVIDED BY INHERENT MATERIAL COMPOSITION OR, WHERE PERMITTED BY CODE, BY AN APPROVED PROTECTIVE COATING OR GALVANIZATION. WHERE APPLICABLE NEAR A SALTWATER COASTLINE, SUCH COMPONENTS SHALL COMPLY WITH FBC SECTION 1711, INCLUDING APPLICABLE REQUIREMENTS FOR EXPOSED, PROTECTED, OR ENCLOSED CONDITIONS. MATERIALS, COATINGS, AND FINISHES SHALL BE COMPATIBLE WITH CONNECTED MATERIALS, AND PROTECTIVE COATINGS SHALL BE CONTINUOUS OVER EXPOSED SURFACES. FASTENERS USED WITH ALUMINUM MEMBERS SHALL ALSO COMPLY WITH SECTION J.3.7.2 OF THE ALUMINUM DESIGN MANUAL, "SPECIFICATION FOR ALUMINUM STRUCTURES." SUBSTITUTION OF COMPONENTS FROM ALTERNATE MANUFACTURERS, OR WITH DIFFERENT MATERIALS, COATINGS, OR FINISHES, SHALL NOT BE ASSUMED EQUIVALENT AND MAY REQUIRE ADDITIONAL ENGINEERING REVIEW OR SITE-SPECIFIC ANALYSIS.
 - ALTERATIONS ADDITIONS OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
 - EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.

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A DIVISION OF ABC SUPPLY CO., INC.
400 WEST MCNAB ROAD, FT. LAUDERDALE, FL 33309
"SAFETY EDGE" & POLYCARB STORM PANELS
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#12856.2)

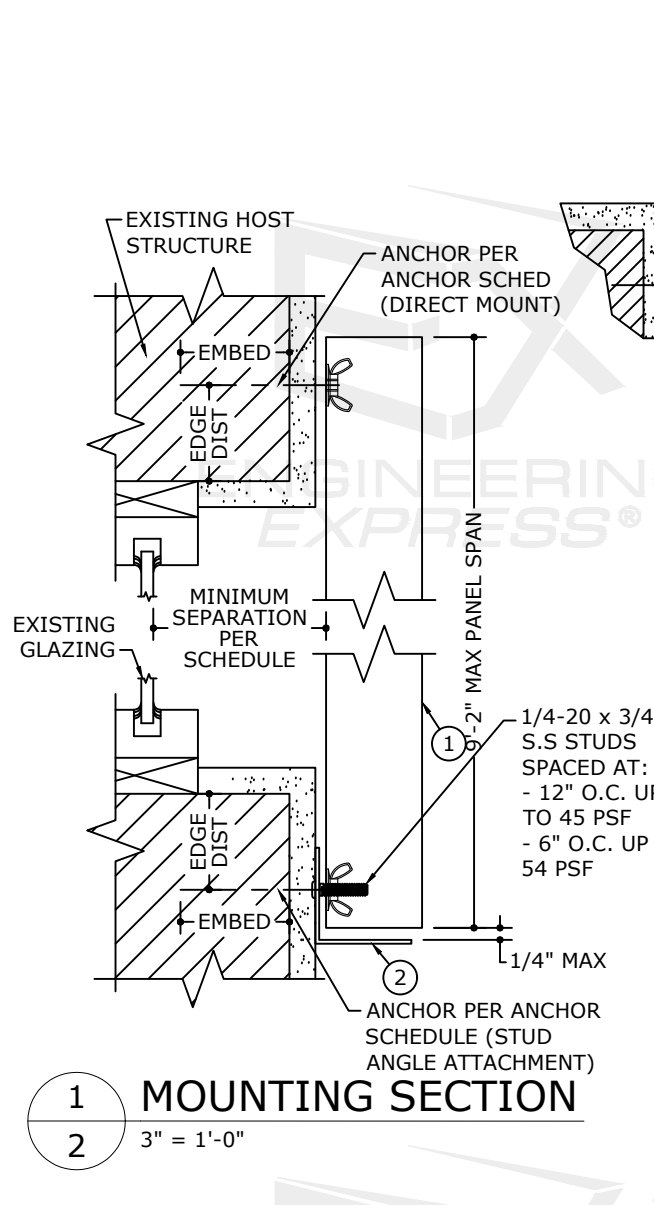
REMARKS	DATE	DRWN	CHKD
FBC 2020 (20-26148)	6/17/20	CCB	RWN
FBC 2023 (23-61159)	08/15/23	MLD	CCB
FBC 2026	08/04/26	MEF	CCB

26-99079

SCALE: NTS UNLESS NOTED

1

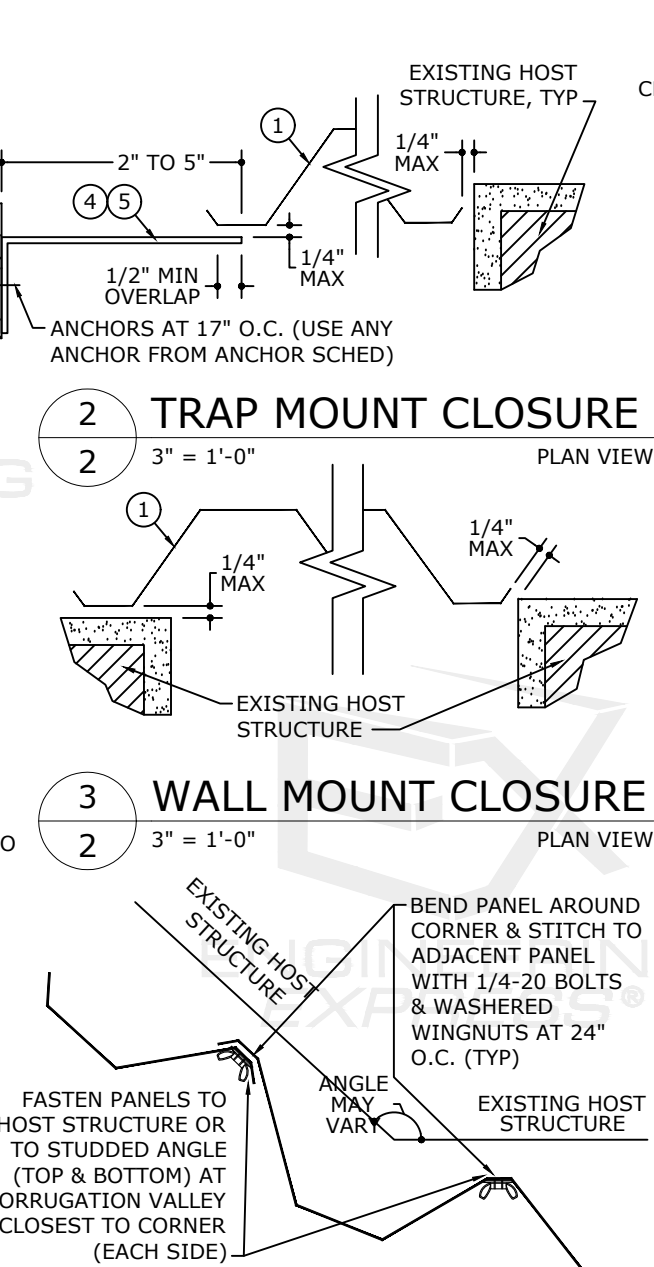
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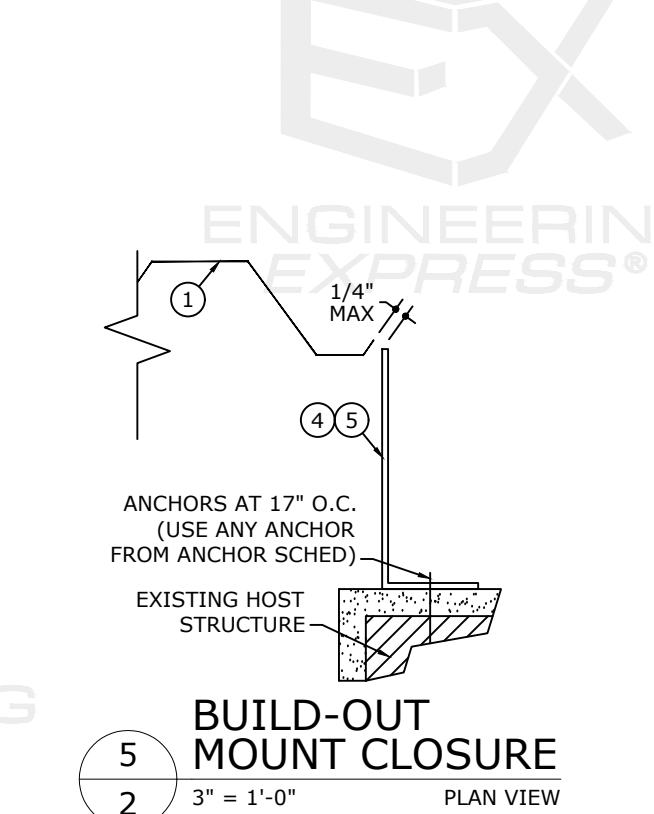
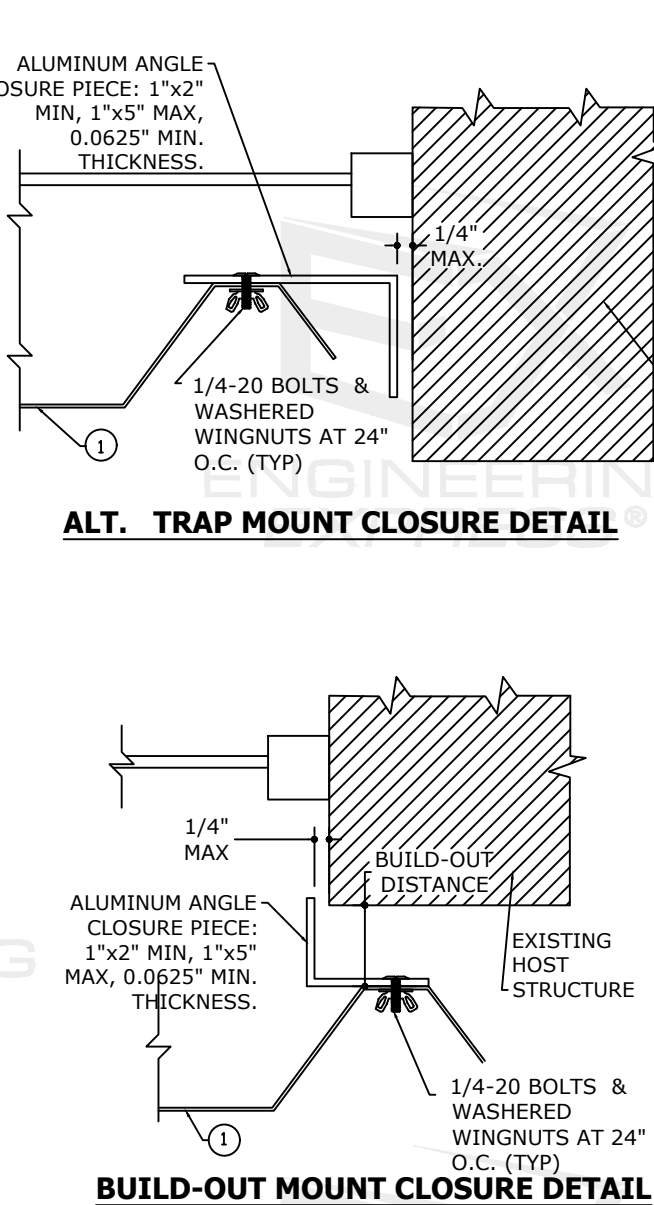
SPAN SCHEDULE	
28ga (0.018") GALV STEEL PANELS	
MAX LOAD:	±54.0 psf
MAX SPAN:	9'-2" (ALL MOUNTING CONDITIONS)
MIN SPANS:	26" (DIRECT MOUNT TOP & BOTTOM)
	16" (ALL OTHER CONDITIONS)
0.100" CLEAR POLYCARB FULL-/HALF-PANELS	
MAX LOAD:	±54.0 psf
MAX SPAN:	9'-2" (ALL MOUNTING CONDITIONS)
MIN SPANS:	24" (DIRECT MOUNT TOP & BOTTOM)
	15" (ALL OTHER CONDITIONS)

GLASS SEPARATION SCHEDULE NOTES:

1. GLASS SEPARATION SCHEDULE PROVIDES MINIMUM SEPARATION DISTANCE REQUIRED BETWEEN EXTERIOR FACE OF GLAZING (OR OTHER PRODUCT BEING PROTECTED) AND INTERIOR FACE OF INSTALLED STORM PANEL.
2. SEPARATION DISTANCE PER THIS SCHEDULE IS REQUIRED FOR USE WITH POSITIVE LOADS ONLY.
3. SEPARATION FROM GLASS IS NOT REQUIRED FOR INSTALLATIONS IN WIND ZONES 1-3 UNLESS LOCAL MUNICIPALITY HAS ADOPTED ADDITIONAL CRITERIA.



GLASS SEPARATION SCHEDULE	
28ga (0.018") GALV STEEL PANELS	
• MIN. GLASS SEPARATION FOR INSTALLATIONS AT OR BELOW 30' ABOVE GRADE:	5.375"
• MIN. GLASS SEPARATION FOR INSTALLATIONS GREATER THAN 30' ABOVE GRADE:	5.375"
0.100" CLEAR POLYCARB FULL-/HALF-PANELS	
• MIN. GLASS SEPARATION FOR INSTALLATIONS AT OR BELOW 30' ABOVE GRADE:	7.350"
• MIN. GLASS SEPARATION FOR INSTALLATIONS GREATER THAN 30' ABOVE GRADE:	5.375"



COLBY BENNARDO, PE
PE# 95197 CA# 9885

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A DIVISION OF ABC SUPPLY CO., INC.
400 WEST MCNAB ROAD, FT. LAUDERDALE, FL 33309
"SAFETY EDGE" & POLYCARB STORM PANELS
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#12856.2)

REMARKS	DATE	DRWN	CHKD
FBC 2020 (20-26148)	6/17/20	CCB	RWN
FBC 2023 (23-61159)	08/15/23	MLD	CCB
FBC 2026	08/04/26	MEF	CCB

26-99079

SCALE: NTS UNLESS NOTED

2

3

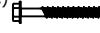
ANCHOR SCHEDULE NOTES:

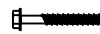
- 1) "DEWALT PANELMATE" ANCHORS MAY BE DEWALT FEMALE PANELMATE OR ELCO PANELMATE PLUS, AS ILLUSTRATED.
- 2) ENSURE MINIMUM 2" EDGE DISTANCE FOR ANCHORS TO CONCRETE & TO HOLLOW BLOCK, U.N.O. EDGE DISTANCE OF 3/4" IS ACCEPTABLE FOR ANCHORS TO WOOD.
- 3) MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- 4) ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- 5) ALL CONCRETE ANCHORS SPECIFIED HEREIN SHALL BE INSTALLED TO NON-CRACKED CONCRETE ONLY. ALL BLOCK SUBSTRATES SHALL BE ASTM C-90 MINIMUM.
- 6) WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT PLYWOOD.
- 7) WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x4 (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING). WOOD STUD SHALL BE "SOUTHERN PINE" G=0.42 OR GREATER DENSITY, UNLESS OTHERWISE NOTED.
- 8) ANCHOR SCHEDULE APPLIES FOR ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
- 9) MACHINE SCREWS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WAFER HEAD ("SIDEWALK BOLT") U.N.O.
- 10) ALL 1/4" EA MALE BOLTS MAY USE THE OPTIONAL FEMALE CAP SHOWN BELOW AT THE ANCHOR SPACINGS LISTED

OPTIONAL FEMALE CAP

SIGNED:
08/16/2026

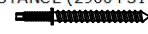
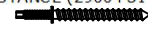
ANCHOR SCHEDULE (STUD ANGLE ATTACHMENT)

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
CONCRETE	1/4" ITW S.S. TAPCON W/ 1-3/4" EMBED, 1-1/4" EDGE DIST. (3192psi MIN CONC) 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"
	1/4" DEWALT ULTRACON 1-3/4" EMBED, 1" MIN. EDGE DIST. (2846psi MIN CONC) 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"
	1/4" HILLMAN SOLID-SET ANCHOR x 7/8" EMBED & 1-1/4" MIN EDGE DIST (3000psi MIN CONC) 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	15.9"	15.9"
	1/4" MILLENIUM MILLFAST W/ 1-3/4" EMBED, 1" MIN. EDGE DIST. (3275 psi MIN CONC) 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
HOLLOW BLOCK	1/4" ITW S.S. TAPCON W/ 1-1/4" EMBED, 4" MIN. EDGE DIST. 	33	14.5"	11.9"	10.6"	7.9"
		38	12.6"	10.3"	9.2"	6.9"
		47	10.2"	8.4"	7.4"	5.6"
		54	8.9"	7.3"	6.5"	4.8"
	1/4" DEWALT ULTRACON W/ 1-1/4" EMBED, 1" MIN. EDGE DIST. 	33	16.0"	14.0"	13.1"	11.1"
		38	16.0"	13.5"	12.2"	9.6"
		47	14.3"	11.7"	10.4"	7.8"
		54	12.4"	10.2"	9.1"	6.8"
	1/4" HILLMAN SOLID-SET ANCHOR x 7/8" EMBED, 2" MIN. EDGE DIST. 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	15.9"
		54	16.0"	15.1"	14.7"	13.9"
	1/4" MILLENIUM MILLFAST W/ 1-1/4" EMBED, 1" MIN. EDGE DIST. 	33	16.0"	14.9"	14.4"	13.3"
		38	16.0"	14.2"	13.3"	11.6"
		47	16.0"	13.3"	12.0"	9.4"
		54	14.9"	12.2"	10.9"	8.1"

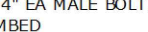
HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
WOOD (G=0.55 MIN SPECIFIC GRAVITY)	1/4" ITW S.S. TAPCON OR ELCO ULTRACON OR #14 WOOD SCREW OR SMS x 2" EMBED 	33	16.0"	15.7"	15.5"	15.2"
		38	16.0"	14.9"	14.3"	13.2"
		47	16.0"	13.9"	12.8"	10.7"
		54	16.0"	13.3"	12.0"	9.3"
	1/4" LAG SCREW OR HANGER BOLT x 2" THREAD EMBED 	33	16.0"	15.8"	15.7"	15.5"
		38	16.0"	15.0"	14.5"	13.4"
		47	16.0"	13.9"	12.9"	10.9"
		54	16.0"	13.4"	12.1"	9.5"
	1/4" DEWALT PANELMATE (FEMALE, MALE, OR PLUS) W/ 1-7/8" MIN EMBED 	33	16.0"	15.7"	15.5"	15.2"
		38	16.0"	14.9"	14.3"	13.2"
		47	16.0"	13.9"	12.8"	10.7"
		54	16.0"	13.3"	12.0"	9.3"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 8'-4"	Spans Up To 9'-2"
WOOD (G=0.42 MIN SPECIFIC GRAVITY)	1/4" ITW S.S. TAPCON OR DEWALT ULTRACON OR #14 WOOD SCREW OR SMS x 2" EMBED 	33	16.0"	14.9"	14.6"	13.9"	13.1"
		38	16.0"	14.0"	13.3"	12.4"	12.0"
		47	16.0"	13.0"	12.0"	11.1"	10.4"
		54	15.1"	12.5"	11.3"	10.6"	9.3"
	1/4" LAG SCREW OR HANGER BOLT x 2" EMBED 	33	16.0"	15.7"	15.6"	15.4"	15.3"
		38	16.0"	14.9"	14.4"	13.8"	13.3"
		47	16.0"	13.9"	12.9"	11.8"	10.8"
		54	16.0"	13.3"	12.0"	10.7"	9.4"
	1/4" DEWALT PANELMATE (FEMALE, MALE, OR PLUS) W/ 1-7/8" MIN EMBED 	33	16.0"	15.7"	15.5"	15.4"	15.2"
		38	16.0"	14.9"	14.3"	13.8"	13.2"
		47	16.0"	13.9"	12.8"	11.8"	10.7"
		54	16.0"	13.3"	12.0"	10.7"	9.3"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
CONCRETE	1/4" EA MALE BOLT, 2-1/2" EMBED AND 2.5" MIN. EDGE DISTANCE (2900 PSI CONC) 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"
	1/4" EA MALE BOLT, 1-7/8" EMBED AND 2.5" MIN. EDGE DISTANCE (2900 PSI CONC) 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"
	1/4" EA MALE BOLT, 2-1/2" EMBED AND 1.25" MIN. EDGE DISTANCE (2900 PSI CONC) 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
HOLLOW BLOCK	1/4" EA MALE BOLT, 1-1/4" EMBED AND 1.25" MIN. EDGE DISTANCE 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		47	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
WOOD (G=0.55 MIN.)	1/4" EA MALE BOLT, 1-1/2" EMBED AND 3/4" MIN. EDGE DISTANCE 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		45	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"
	1/4" EA MALE BOLT, 2" EMBED AND 3/4" MIN. EDGE DISTANCE 	33	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"
		45	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 8'-4"	Spans Up To 9'-2"
WOOD G=0.42	1/4" EA MALE BOLT, 1-1/2" EMBED 	33	16.0"	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"	16.0"
		45	16.0"	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"	16.0"
	1/4" EA MALE BOLT, 2" EMBED 	33	16.0"	16.0"	16.0"	16.0"	16.0"
		38	16.0"	16.0"	16.0"	16.0"	16.0"
		44	16.0"	16.0"	16.0"	16.0"	16.0"
		54	16.0"	16.0"	16.0"	16.0"	16.0"

ANCHOR SCHEDULE (DIRECT MOUNT)

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
CONCRETE	1/4" PANELMATE (PLUS OR FEMALE) x 1-3/4" EMBED (3350psi MIN CONC) 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"
	1/4" ITW "SAMMYS SSC" WITH 1-3/4" EMBED (3295psi MIN CONC) 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"
	1/4" HILLMAN SOLID-SET ANCHOR x 7/8" EMBED & 1-1/4" MIN EDGE DIST (3000psi MIN CONC) 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
HOLLOW BLOCK	1/4" PANELMATE (PLUS OR FEMALE) x 1-3/4" EMBED (3350psi MIN CONC) 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"
	1/4" ITW "SAMMYS SSC" WITH 1-1/4" EMBED 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"
	1/4" HILLMAN SOLID-SET ANCHOR x 7/8" EMBED, 2" MIN. EDGE DIST. 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 9'-2"
WOOD (G=0.55 MIN SPECIFIC GRAVITY)	1/4" ITW S.S. TAPCON OR DEWALT ULTRACON OR #14 WOOD SCREW OR SMS x 2" EMBED 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"
	1/4" LAG SCREW OR HANGER BOLT x 2" EMBED 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"
	1/4" DEWALT PANELMATE (FEMALE, MALE, OR PLUS) W/ 1-7/8" MIN EMBED 	33	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"
		54	6.0"	6.0"	6.0"	6.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	Spans Up To 5'-0"	Spans Up To 6'-8"	Spans Up To 7'-6"	Spans Up To 8'-4"	Spans Up To 9'-2"
WOOD (G=0.42 MIN SPECIFIC GRAVITY)	1/4" ITW S.S. TAPCON OR DEWALT ULTRACON OR #14 WOOD SCREW OR SMS x 2" EMBED 	33	12.0"	12.0"	12.0"	12.0"	12.0"
		38	12.0"	12.0"	12.0"	12.0"	12.0"
		45	12.0"	12.0"	12.0"	12.0"	1