

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. THIS PRODUCT EVALUATION IS VALID FOR USE IN **FLORIDA ONLY**. USE OF THIS EVALUATION REQUIRES A REVIEW & CERTIFICATION BY A LOCAL DESIGN PROFESSIONAL WHO SHALL BE RESPONSIBLE FOR THE PROPER ADAPTATION OF THIS GENERAL PERFORMANCE EVALUATION TO ANY SITE-SPECIFIC PROJECT. CONTACT THIS OFFICE AT **ENGINEERINGEXPRESS.COM/QUOTE** FOR ASSISTANCE WITH YOUR PROJECT-SPECIFIC NEEDS & FOR ADAPTATION & CERTIFICATION OF THIS DOCUMENT OUTSIDE OF FLORIDA.

A circular professional engineer seal for Colby Bennardo. The outer ring contains the text "COLBY BENNARDO" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by three stars. Inside the ring, the word "LICENSE" is at the top and "STATE OF FLORIDA" is at the bottom. The center of the seal displays the license number "No 95197". A large, stylized signature is written across the seal, overlapping the "PROFESSIONAL ENGINEER" and "STATE OF FLORIDA" text.

Digitally signed by
Colby Bennardo
Date: 2025.06.23
13:50:03 -04'00'

POSITIVE & NEGATIVE (ASD) DESIGN PRESSURES FOR USE WITH THIS SYSTEM SHALL BE DETERMINED ON A SITE-SPECIFIC BASIS AND COMPARED TO LIMITING FACTORS AS STIPULATED HEREIN. THEY SHALL BE CALCULATED IN ACCORDANCE WITH THE GOVERNING CODE REQUIREMENTS & IN ACCORDANCE WITH ASCE 7-22 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE. THEY SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN. NOT APPROVED FOR USE WITHIN THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

AS NOTED IN DESIGN
SCHEDULES

1. THIS SPECIFICATION HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) FOR USE OUTSIDE OF THE HVHZ, PER ASTM E330, E1886 & E1996 TEST PROTOCOLS. CONTRACTOR SHALL INVESTIGATE AND CONFORM TO ALL LOCAL BUILDING CODE AMENDMENTS WHICH MAY APPLY. DESIGN CRITERIA BEYOND AS STATED HEREIN MAY REQUIRE ADDITIONAL SITE-SPECIFIC SEALED ENGINEERING.
2. THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.
3. SEPARATE 'SITE-SPECIFIC' SIGNED AND SEALED ENGINEERING SHALL BE REQUIRED IN ORDER TO DEVIATE, INTERPOLATE, AND EXTRAPOLATE FROM LOADS, DEFLECTIONS, OR SPANS CONTAINED HEREIN. CONTACT THIS ENGINEER AND VISIT THE ACCOMPANYING DIGITAL INFORMATION REFERENCED HEREIN FOR ALTERNATE SPAN CALCULATIONS AS MAY BE REQUIRED.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
5. DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR
6. ALL FASTENERS TO BE "Ø OR GREATER SAE GRADE 5 UNLESS NOTED OTHERWISE.
7. FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3 BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
8. REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.
9. ALL STORM PANELS SHALL BE ASTM A653, CS-TYPE B, Fy=30KSI MIN, GALVANIZED STEEL AND CONFORM TO THE SPECIFICATIONS LISTED HEREIN.
10. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY OR BETTER, UNLESS NOTED OTHERWISE.
11. CONCRETE ANCHORS NOTED HEREIN SHALL BE EMBEDDED TO NON-CRACKED CONCRETE ONLY. INSTALL ALL CONCRETE ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.
12. THE CONTRACTOR IS RESPONSIBLE TO INSULATE OR PROTECT ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
13. ENGINEER SEAL AFFIXED HERE TO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
14. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
15. ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
16. UNITS SHALL BE LABELED IN ACCORDANCE WITH THE FLORIDA BUILDING COMMISSION AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATION.



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TAMPA, FL 33605
(813) 440-6382

Z X 26GA STEEL STUD PANEL
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL

[illegible]

SCALE: NTS UNLESS NOTED

1 OF 4

VISIT ENGINEERINGEXPRESS.COM/STORE
FOR ADDITIONAL PLANS, REPORTS & RESOURCES



1 TYPICAL VERTICAL MOUNT ELEVATION
1 N.T.S. ELEVATION

FIELD DRILLED
PANEL HOLES SHALL
NOT EXCEED THE
DIMENSIONS SHOWN
ABOVE AND SHALL
NOT HAVE ANY
CRACKS/BREAKS

PLAN VIEW

2" x 26GA STEEL PANELS

PANEL SPAN	ALLOWABLE DESIGN PRESSURE	
106"	+ 40 PSF	- 35 PSF
100"	+ 42 PSF	- 37 PSF
94"	+ 44 PSF	- 39 PSF
88"	+ 46 PSF	- 42 PSF
82"	+ 49 PSF	- 45 PSF
76"	+ 52 PSF	- 49 PSF
70"	+ 55 PSF	- 53 PSF
64"	+ 60 PSF	- 58 PSF
58"	+ 65 PSF	- 64 PSF
53"	+ 70 PSF	- 70 PSF

PANEL SPAN	ALLOWABLE DESIGN PRESSURE	
106"	+ 35 PSF	- 35 PSF
100"	+ 37 PSF	- 37 PSF
94"	+ 40 PSF	- 39 PSF
88"	+ 42 PSF	- 42 PSF
82"	+ 45 PSF	- 45 PSF
76"	+ 49 PSF	- 49 PSF
70"	+ 53 PSF	- 53 PSF
64"	+ 58 PSF	- 58 PSF
58"	+ 64 PSF	- 64 PSF
53"	+ 70 PSF	- 70 PSF

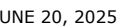
2 BUILD-OUT F-TRACK
3 H-HEADER
4 STUD ANGLE (WALL MOUNT)
4.1..... STUD ANGLE (TRAP MOUNT)

1. SELECT SPAN SCHEDULE BASED ON HEADER/SILL EXTRUSION TYPE OR DIRECT MOUNTING CONDITION. ENTER SCHEDULE WITH PANEL SPAN AND DETERMINE MAX ALLOWABLE POSITIVE/NEGATIVE DESIGN PRESSURES.
2. LINEAR INTERPOLATION BETWEEN LOADS IS ACCEPTABLE, OTHERWISE USE NEXT HIGHER LOAD.

2" x 26GA STEEL PANELS

SCHEDULE 3		
MINIMUM STORM PANEL SEPARATION FROM GLASS		
PANEL SPAN	INSTALLATIONS ≤ 30' ABOVE GRADE	INSTALLATIONS > 30' ABOVE GRADE
106"	3.00 "	2.25 "
100"	3.00 "	2.00 "
94"	3.00 "	2.00 "
88"	3.00 "	1.75 "
82"	3.00 "	1.75 "
76"	3.00 "	1.50 "
70"	3.00 "	1.50 "
64"	3.00 "	1.50 "
58"	3.00 "	1.50 "
53"	1.25 "	1.25 "

1. THIS SCHEDULE SHALL APPLY FOR ALL INSTALLATIONS THAT ARE REQUIRED TO MAINTAIN A MINIMUM SEPARATION BETWEEN THE STORM PANEL AND ANY GLAZING, AS REQUIRED BY THE BUILDING DEPARTMENT OR AUTHORITY HAVING JURISDICTION.
2. ENTER SEPARATION SCHEDULE WITH PANEL SPAN AND DETERMINE THE REQUIRED SEPARATION FROM GLASS.
3. SCHEDULE IS REQUIRED FOR USE WITH POSITIVE LOADS ONLY. INTERPOLATION BETWEEN LOADS IS ACCEPTABLE, OTHERWISE USE NEXT HIGHER LOAD.



FL 7989.2

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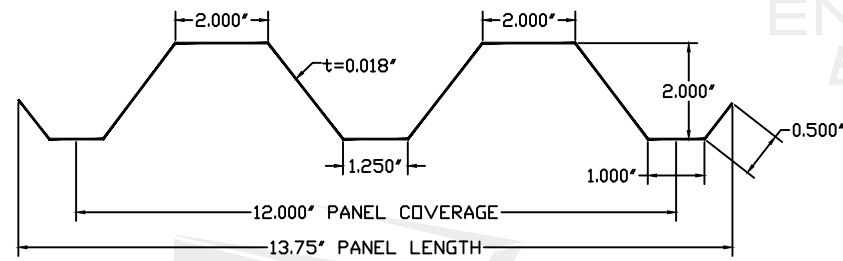
LANSING BUILDING PRODUCTS
4527 TRANSCRAFT DRIVE BIRGE

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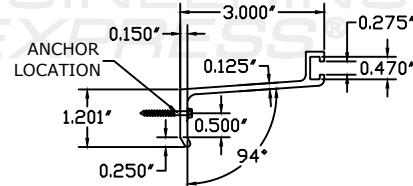
Z X 20GA STEEL STORM PANEL
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	RWN	CCB	6/20/2025
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

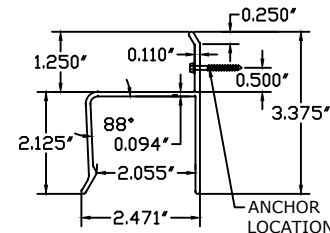
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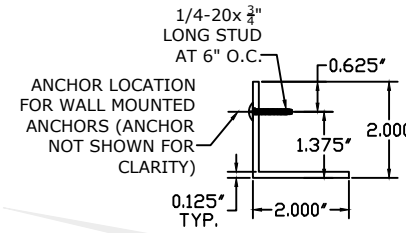
① STEEL STORM PANEL



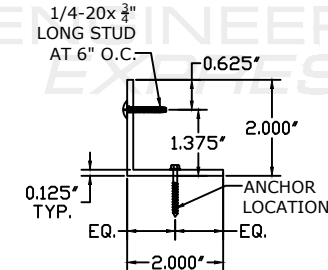
② BUILD OUT F-TRACK



③ H-HEADER _____ ALUM

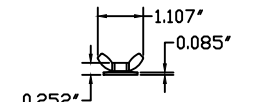


④ (WALL MOUNT) ALUM

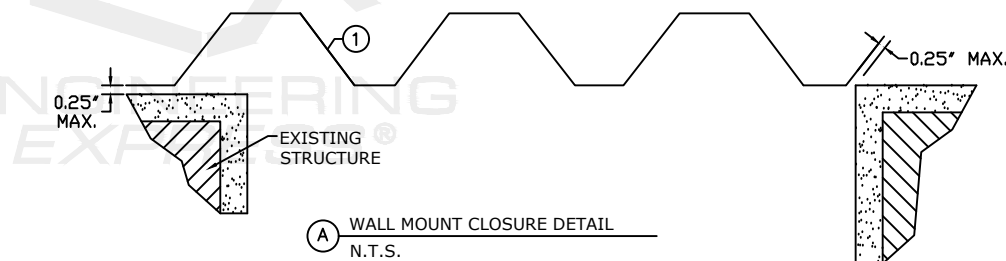


STUD ANGLE
(TRAP MOUNT)

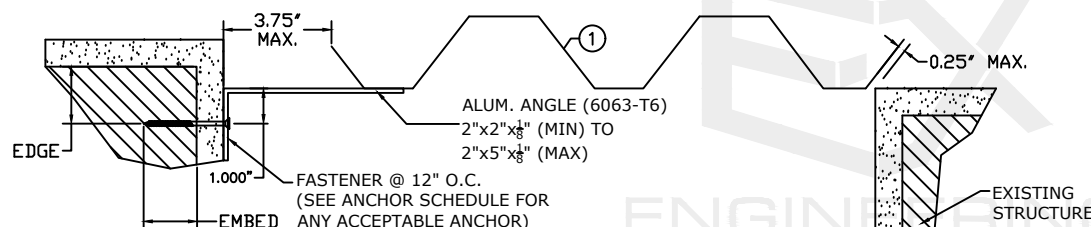
4.1 ————— ALUM



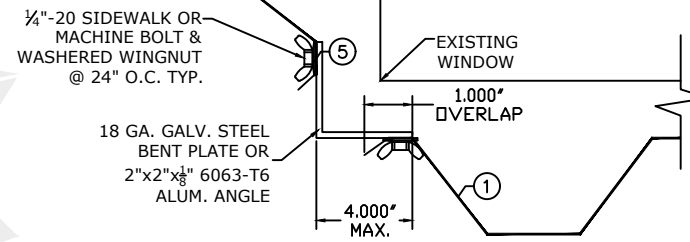
(5) _____ STEEL



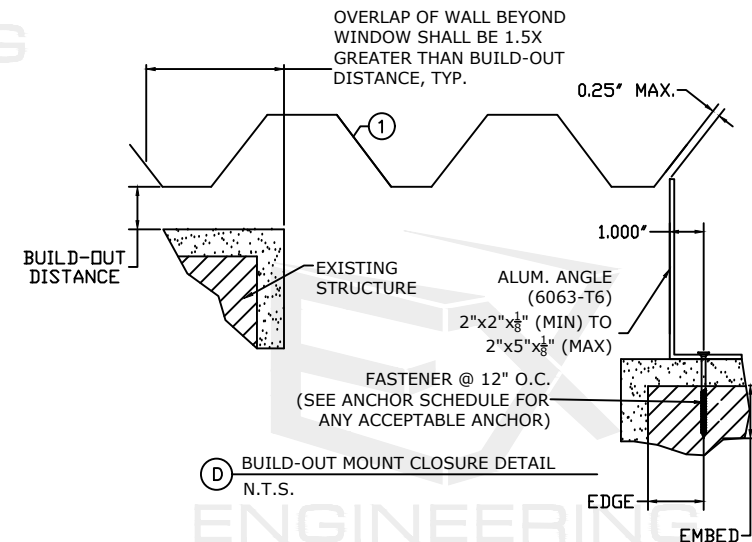
(A) WALL MOUNT CLOSURE DETAIL
N.T.S.



(B) TRAP MOUNT CLOSURE DETAIL
N.T.S.



© CORNER CLOSURE DETAIL
N.T.S.



(D) BUILD-OUT MOUNT CLOSURE DETAIL
N.T.S.



LANSING BUILDING PRODUCTS

4537 TRANSPORT DRIVE, BLDG 5
TAMPA, FL 33605

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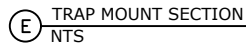
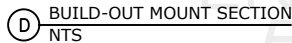
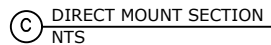
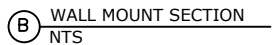
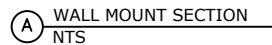
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2" X 26GA STEEL STORM PANEL
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	RWN	CCB	6/20/2026
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

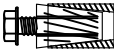
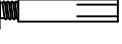
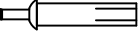
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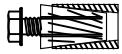
3 OF 4



6/20/2025 3:56 PM RICHARDNEETPEUsers\richardneetpe\engineering express\production - documents\projects\23-123-63217 2023 product fbc update f17989\work\23-63217.2b - f17989.2 - 26ga dwg.dwg

ANCHOR SPACING SCHEDULES:

HOST STRUCT.	ANCHOR	LOAD (psf)	ANCHOR SPACING BY SPAN AND CONNECTION TYPE								
			Spans Up To 4'-5" CONN TYPE			Spans Up To 6'-6" CONN TYPE			Spans Up To 8'-10" CONN TYPE		
			C1	C2	C3	C1	C2	C3	C1	C2	C3
CONCRETE	1/4" ITW TAPCON or DEWALT ULTRACON WITH 1-3/4" EMBED AND 1-1/2" MIN EDGE DISTANCE (3050 psi MIN CONCRETE) 	35	12.0"	12.0"	6.0"	12.0"	11.5"	6.0"	12.0"	8.5"	6.0"
		41	12.0"	12.0"	6.0"	12.0"	10.0"	6.0"	12.0"	7.0"	6.0"
		47	12.0"	12.0"	6.0"	12.0"	8.5"	6.0"	12.0"	6.0"	6.0"
		53	12.0"	11.0"	6.0"	12.0"	7.5"	6.0"	12.0"	5.5"	6.0"
		59	12.0"	10.0"	6.0"	12.0"	6.5"	6.0"	12.0"	5.0"	6.0"
		65	12.0"	9.0"	6.0"	12.0"	6.0"	6.0"	12.0"	4.5"	6.0"
		70	12.0"	8.5"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"
		70	12.0"	8.5"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"
	1/4" ELCO/DEWALT PANELMATE (FEMALE, MALE, or PLUS) W/ 2" EMBED AND 2-1/2" MIN EDGE DISTANCE (3350 psi MIN CONC) 	35	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	10.0"	6.0"
		41	12.0"	12.0"	6.0"	12.0"	11.5"	6.0"	12.0"	8.5"	6.0"
		47	12.0"	12.0"	6.0"	12.0"	10.0"	6.0"	12.0"	7.5"	6.0"
		53	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		59	12.0"	12.0"	6.0"	12.0"	8.0"	6.0"	12.0"	6.0"	6.0"
		65	12.0"	10.5"	6.0"	12.0"	7.0"	6.0"	12.0"	5.0"	6.0"
		70	12.0"	10.0"	6.0"	12.0"	6.5"	6.0"	12.0"	5.0"	6.0"
		70	12.0"	10.0"	6.0"	12.0"	6.5"	6.0"	12.0"	5.0"	6.0"
	5/16" RED HEAD DYNABOLT SLEEVE ANCHOR & 1/4-20 BOLT W/ 1-1/4" EMBED AND 1-7/8" MIN EDGE DISTANCE (3000 psi MIN CONC) 	35	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"
		41	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"
		47	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"
		53	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	10.5"	6.0"
		59	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	9.5"	6.0"
		65	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	8.5"	6.0"
		70	12.0"	12.0"	6.0"	12.0"	11.0"	6.0"	12.0"	8.0"	6.0"
		70	12.0"	12.0"	6.0"	12.0"	11.0"	6.0"	12.0"	8.0"	6.0"
	1/4-20 DEWALT CALK-IN ANCHOR W/ 7/8" EMBED AND 3-1/2" MIN EDGE DISTANCE (3000 psi MIN CONCRETE) 	35	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	11.0"	6.0"
		41	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	9.5"	6.0"
		47	12.0"	12.0"	6.0"	12.0"	11.0"	6.0"	12.0"	8.0"	6.0"
		53	12.0"	12.0"	6.0"	12.0"	10.0"	6.0"	12.0"	7.0"	6.0"
		59	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		65	12.0"	12.0"	6.0"	12.0"	8.0"	6.0"	12.0"	6.0"	6.0"
		70	12.0"	11.0"	6.0"	12.0"	7.5"	6.0"	12.0"	5.5"	6.0"
		70	12.0"	11.0"	6.0"	12.0"	7.5"	6.0"	12.0"	5.5"	6.0"
	1/4" DEWALT STEEL DROPIN ANCHOR W/ 1" EMBED AND 3-1/2" MIN EDGE DISTANCE (3000 psi MIN CONCRETE) 	35	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"
		41	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	10.5"	6.0"
		47	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"
		53	12.0"	12.0"	6.0"	12.0"	11.5"	6.0"	12.0"	8.5"	6.0"
		59	12.0"	12.0"	6.0"	12.0"	10.5"	6.0"	12.0"	7.5"	6.0"
		65	12.0"	12.0"	6.0"	12.0"	9.5"	6.0"	12.0"	7.0"	6.0"
		70	12.0"	12.0"	6.0"	12.0"	9.5"	6.0"	12.0"	7.0"	6.0"
		70	12.0"	12.0"	6.0"	12.0"	9.5"	6.0"	12.0"	7.0"	6.0"
	1/4 DEWALT ZAMAC NAILIN W/ 1-1/4" EMBED AND 3" MIN EDGE DISTANCE (3000 psi MIN CONCRETE) 	35	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		41	12.0"	11.5"	6.0"	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"
		47	12.0"	10.0"	6.0"	12.0"	7.0"	6.0"	12.0"	5.0"	6.0"
		53	12.0"	9.0"	6.0"	12.0"	6.0"	6.0"	10.5"	4.5"	6.0"
		59	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"	9.5"	4.0"	6.0"
		65	12.0"	7.0"	6.0"	12.0"	5.0"	6.0"	8.5"	3.5"	6.0"
		70	12.0"	6.5"	6.0"	11.0"	4.5"	6.0"	8.0"	3.0"	6.0"
		70	12.0"	6.5"	6.0"	11.0"	4.5"	6.0"	8.0"	3.0"	6.0"
	1/4-20 ALL POINTS SOLID- SET WITH 7/8" EMBED AND 1-1/4" MIN EDGE DISTANCE (3000 psi MIN CONCRETE) 	35	12.0"	12.0"	6.0"	12.0"	11.0"	6.0"	12.0"	8.0"	6.0"
		41	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		47	12.0"	12.0"	6.0"	12.0"	8.0"	6.0"	12.0"	6.0"	6.0"
		53	12.0"	10.5"	6.0"	12.0"	7.0"	6.0"	12.0"	5.0"	6.0"
		59	12.0"	9.5"	6.0"	12.0"	6.5"	6.0"	12.0"	4.5"	6.0"
		65	12.0"	8.5"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"
		70	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"
		70	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"

HOST STRUCT.	ANCHOR	LOAD (psf)	ANCHOR SPACING BY SPAN AND CONNECTION TYPE								
			Spans Up To 4'-5" CONN TYPE			Spans Up To 6'-6" CONN TYPE			Spans Up To 8'-10" CONN TYPE		
			C1	C2	C3	C1	C2	C3	C1	C2	C3
WOOD	1/4" ITW TAPCON WITH 1-3/8" THREAD PEN. AND 3/4" MIN EDGE DISTANCE (G=0.42 MIN) 	35	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		41	12.0"	11.5"	6.0"	12.0"	7.5"	6.0"	12.0"	5.5"	6.0"
		47	12.0"	10.0"	6.0"	12.0"	6.5"	6.0"	12.0"	5.0"	6.0"
		53	12.0"	9.0"	6.0"	12.0"	6.0"	6.0"	12.0"	4.5"	6.0"
		59	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"
		65	12.0"	7.0"	6.0"	12.0"	4.5"	6.0"	11.5"	3.5"	6.0"
	1/4" DEWALT ULTRACON WITH 1-3/8" THREAD PEN. AND 3/4" MIN EDGE DISTANCE (G=0.42 MIN) 	70	12.0"	6.5"	6.0"	12.0"	4.5"	6.0"	10.5"	3.0"	6.0"
		35	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		41	12.0"	11.5"	6.0"	12.0"	7.5"	6.0"	12.0"	5.5"	6.0"
		47	12.0"	10.0"	6.0"	12.0"	6.5"	6.0"	12.0"	5.0"	6.0"
		53	12.0"	9.0"	6.0"	12.0"	6.0"	6.0"	12.0"	4.5"	6.0"
		59	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"
	1/4" ELCO/DEWALT PANELMATE (FEMALE, MALE, or PLUS) W/ 1-7/8" EMBED AND 3/4" MIN EDGE DISTANCE (G=0.54 MIN) 	65	12.0"	7.0"	6.0"	12.0"	4.5"	6.0"	11.5"	3.5"	6.0"
		70	12.0"	6.5"	6.0"	12.0"	4.5"	6.0"	10.5"	3.0"	6.0"
		35	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	11.0"	6.0"
		41	12.0"	12.0"	6.0"	12.0"	12.0"	6.0"	12.0"	9.5"	6.0"
		47	12.0"	12.0"	6.0"	12.0"	11.0"	6.0"	12.0"	8.0"	6.0"
		53	12.0"	12.0"	6.0"	12.0"	10.0"	6.0"	12.0"	7.0"	6.0"
	1/4" ITW TAPCON STORM GUARD W/ 1-3/4" EMBED AND 1-1/4" MIN EDGE DISTANCE (G=0.42 MIN) 	59	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		65	12.0"	12.0"	6.0"	12.0"	8.0"	6.0"	12.0"	6.0"	6.0"
		70	12.0"	11.0"	6.0"	12.0"	7.5"	6.0"	12.0"	5.5"	6.0"
		35	12.0"	12.0"	6.0"	12.0"	9.0"	6.0"	12.0"	6.5"	6.0"
		41	12.0"	11.5"	6.0"	12.0"	7.5"	6.0"	12.0"	5.5"	6.0"
		47	12.0"	10.0"	6.0"	12.0"	6.5"	6.0"	12.0"	5.0"	6.0"
	1/4-20 PANELMATE INSERT WITH 1-5/8" EMBED AND 3/4" MIN EDGE DISTANCE (G=0.42 MIN) 	53	12.0"	9.0"	6.0"	12.0"	6.0"	6.0"	12.0"	4.5"	6.0"
		59	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"	12.0"	4.0"	6.0"
		65	12.0"	7.0"	6.0"	12.0"	4.5"	6.0"	11.5"	3.5"	6.0"
		70	12.0"	6.5"	6.0"	12.0"	4.5"	6.0"	10.5"	3.0"	6.0"
35		12.0"	12.0"	6.0"	12.0"	9.5"	6.0"	12.0"	7.0"	6.0"	
41		12.0"	12.0"	6.0"	12.0"	8.0"	6.0"	12.0"	6.0"	6.0"	
1/4" WOOD OR LAG SCREW WITH 1-3/8" MIN THREAD PEN. AND 3/4" MIN EDGE DISTANCE (G=0.42 MIN) 	47	12.0"	10.5"	6.0"	12.0"	7.0"	6.0"	12.0"	5.0"	6.0"	
	53	12.0"	9.5"	6.0"	12.0"	6.5"	6.0"	11.0"	4.5"	6.0"	
	59	12.0"	8.5"	6.0"	12.0"	5.5"	6.0"	10.0"	4.0"	6.0"	
	65	12.0"	7.5"	6.0"	12.0"	5.0"	6.0"	9.0"	3.5"	6.0"	
	70	12.0"	7.0"	6.0"	11.5"	4.5"	6.0"	8.5"	3.5"	6.0"	
	35	12.0"	12.0"	6.0"	12.0"	8.5"	6.0"	12.0"	6.0"	6.0"	
	41	12.0"	10.5"	6.0"	12.0"	7.0"	6.0"	12.0"	5.0"	6.0"	
	47	12.0"	9.0"	6.0"	12.0"	6.0"	6.0"	12.0"	4.5"	6.0"	
	53	12.0"	8.0"	6.0"	12.0"	5.5"	6.0"	11.5"	4.0"	6.0"	
	59	12.0"	7.5"	6.0"	12.0"	5.0"	6.0"	10.0"	3.5"	6.0"	
	65	12.0"	6.5"	6.0"	12.0"	4.5"	6.0"	9.0"	3.0"	6.0"	
	70	12.0"	6.0"	6.0"	11.5"	4.0"	6.0"	8.5"	3.0"	6.0"	