



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Hurricane Fabric, LLC
1505 Poinsettia Drive Suite H-3
Delray Beach, Florida 33444

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Astro Guard" Flexible Wind Abatement System

APPROVAL DOCUMENT: Drawing No. 23-59904, titled "Astro Guard Wind Abatement System", sheets 1 through 12 of 12, prepared by Engineering Express, dated December 06, 2023, last revision dated December 06, 2023, signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number & expiration date by the Miami-Dade County Product Control Section

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Delray Beach, FL and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #20-1102.08 and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
04/04/24

NOA No. 23-1215.08
Expiration Date: 10/20/2025
Approval Date: 04/04/2024
Page 1

Hurricane Fabric, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 10-0607.02

A. DRAWINGS

1. *Drawing No. 09-0408, titled " Astro Guard Wind Abatement System ", sheets 1 and 2 of 2, prepared by MEA Engineers, Inc., dated May 04, 2009, last revision #2 dated September 22, 2010, signed and sealed by John H. Kampmann Jr., P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Astro Guard Hurricane Fabric Flexible Hurricane Wind Abatement System, prepared by Fenestration Testing Laboratory, Inc., Report No. 08-541, dated January 13, 2009, signed and sealed by Jorge A. Causo, P.E.*

C. CALCULATIONS

1. *Comparative Analysis and Anchor calculations dated January 8, 2009, 10 pages, prepared by MEA Engineering, Inc., signed and sealed by John H. Kampmann Jr., P.E.*
2. *Comparative Analysis and Anchor calculations dated September 11, 2010, 8 pages, prepared by MEA Engineering, Inc., signed and sealed by John H. Kampmann Jr., P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Fabric specifications.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-1004.02

A. DRAWINGS

1. *Drawing No. 12-HFC-04, titled " Astro Guard Wind Abatement System ", sheets 1 through 11 of 11, prepared by Engineering Express, dated July 16, 2012, last revision dated March 22, 2013, signed & sealed by Frank L. Bennardo, P.E., on 03/25/2013.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Astro Guard Hurricane Fabric Flexible Hurricane Wind Abatement System, prepared by Fenestration Testing Laboratory, Inc., Report No. 10-541, LAB #6359, dated 09/11/2012, signed and sealed by Marlin D. Brinson, P.E.*
2. *Test report on Large Missile Impact Test of Aluminum Storm Bar, prepared by Fenestration Testing Laboratory, Inc., Report No. 12-541, LAB #6384, dated July 11, 2012, signed and sealed by Marlin D. Brinson, P.E.*

C. CALCULATIONS

1. *Comparative Analysis and Anchor calculations dated September 26, 2012, 56 pages, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1215.08
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *Fabric specifications.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0316.09

A. DRAWINGS

1. *Drawing No. 14-2202, titled " Astro Guard Wind Abatement System ", sheets 1 through 11 of 11, prepared by Engineering Express, dated July 16, 2012, last revision dated February 27, 2015, signed and sealed by Frank L. Bennardo, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Comparative Analysis and Anchor calculations dated March 03, 2015, 59 pages, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0118.03

A. DRAWINGS

1. *Drawing No. 14-2202, titled " Astro Guard Wind Abatement System ", sheets 1 through 11 of 11, prepared by Engineering Express, dated July 16, 2012, last revision dated January 05, 2018, signed and sealed by Frank L. Bennardo, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-1102.08

A. DRAWINGS

1. *Drawing No. 20-29194, titled " Astro Guard Wind Abatement System ", sheets 1 through 11 of 11, prepared by Engineering Express, dated July 16, 2012, last revision dated October 19, 2020, signed and sealed by Frank L. Bennardo, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

6. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 23-59904, titled " Astro Guard Wind Abatement System ", sheets 1 through 12 of 12, prepared by Engineering Express, dated December 06, 2023, last revision dated December 06, 2023, signed and sealed by Frank L. Bennardo, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*



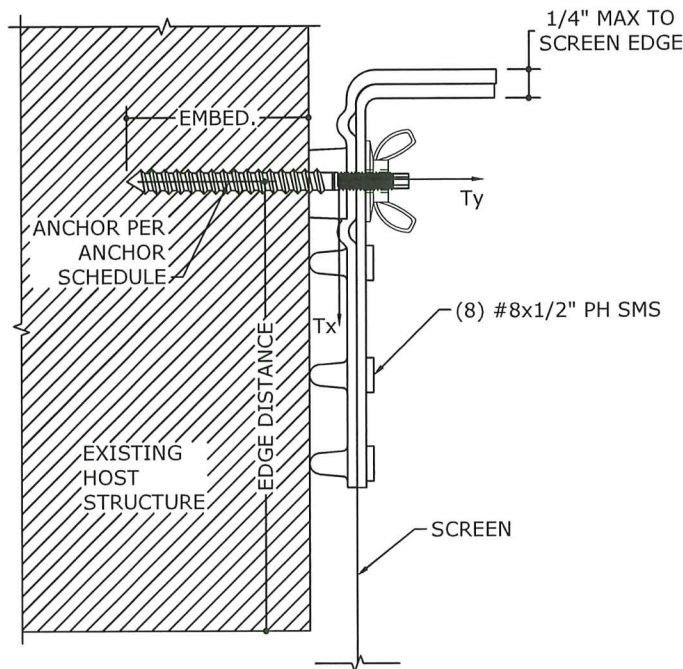
Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1215.08
Expiration Date: 10/20/2025
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NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

SEWING ONLY AT SPLICE (SEE SPLICE DETAIL). NO SEWING AT EDGES.

2 1 TYPICAL PANEL INSTALLTION N.T.S. EXTERIOR ELEVATION

1



EXISTING HOST STRUCTURE

ANCHOR PER ANCHOR SCHEDULE

EMBED.

EDGE DISTANCE

Ty

1/4" MAX TO SCREEN EDGE

Tx

(8) #8x1/2" PH SMS

SCREEN

PRODUCT REVISED
as complying with the **Florida**
Building Code
Acceptance No 23-1215.08
Expiration Date 10/20/2025
By H. G. A. Miller
Miami Dept. of Building Inspection

NOTES:

1. SEPARATION FROM GLAZING IS REQUIRED FOR ALL INSTALLATIONS.
2. INTERPOLATION OF THIS TABLE IS NOT PERMITTED. UTILIZE NEXT HIGHEST SEPARATION FROM GLAZING VALUE IF NEEDED.
3. DESIGN LOADS LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

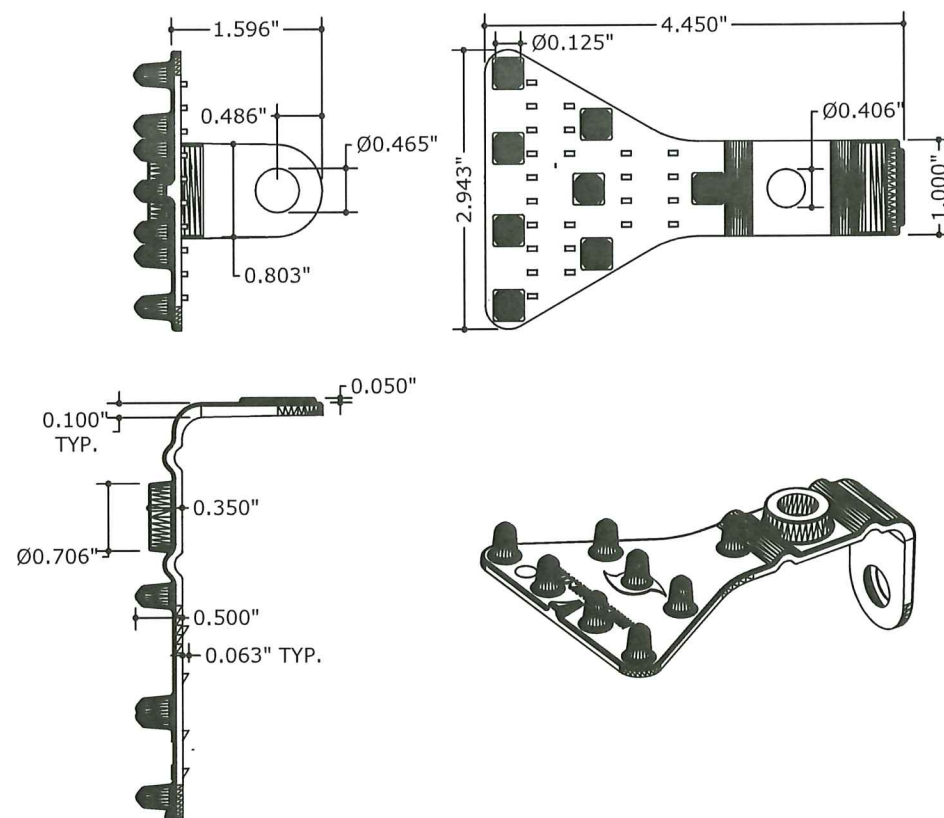
NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

HURRICANE FABRIC, LLC
1505 POINSETTIA DR. SUITE H-3

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WWW.HURRICANEFABRIC.COM

AS IRUGUARD WIND ABATEMENT SYSTEM
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
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Technical drawing of a metal bracket. The drawing includes three views: a side view, a top view, and a perspective view.

Side View Dimensions:

- Overall height: 1.478"
- Distance from top to center of hole: 0.281"
- Distance from center of hole to bottom: 0.486"

Top View Dimensions:

- Overall width: 4.250"
- Overall height: 2.943"
- Distance from top edge to center of hole: 0.188"
- Distance from center of hole to right edge: 0.406"
- Distance from center of hole to bottom edge: 1.000"
- Distance from left edge to center of hole: 0.442"
- Distance from center of hole to right edge: 0.180"
- Distance from center of hole to bottom edge: 0.100" TYP.

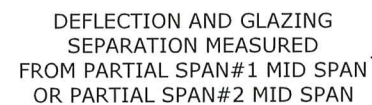
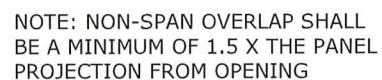
Perspective View:

- Shows the bracket with a hole and a slot.
- Text "HURRICANEFABRIC.COM" is visible on the side.

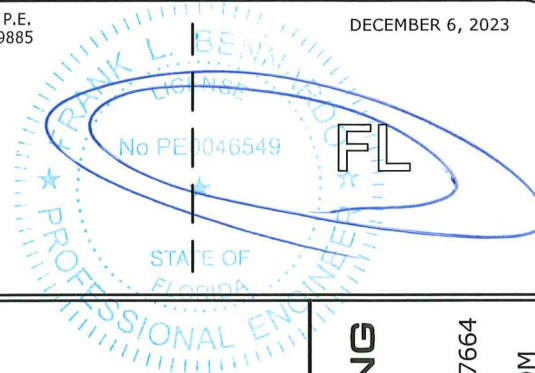
Other Dimensions:

- 0.063" TYP. (indicated on the side view)

2 TOP MOUNTING CLIP
N.T.S. POLYAMIDE 66



DECEMBER 6, 2023



EX ENGINEERING EXPRESS®

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ASTROGUARD WIND ABATEMENT SYSTEM

AS I RUGUARD WIND ABATEMENT SYSTEM
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

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23-59904

SCALE: NTS UNLESS NOTED

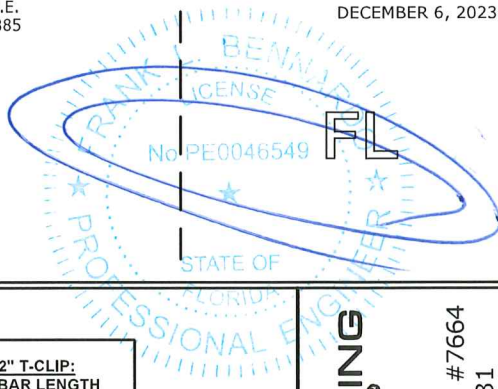
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OF
15

c:\users\eric\engineering\express\production - documents\projects\23-59904 noa #20-1102.08 update to 2023 fbc\work\2023 fbc\01\drawings & cad\15 - 23-59904d noa dwg.dwg
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FRANK BENNARDO, P.E.
PE# 0046549 CA# 9885

DECEMBER 6, 2023



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REMARKS

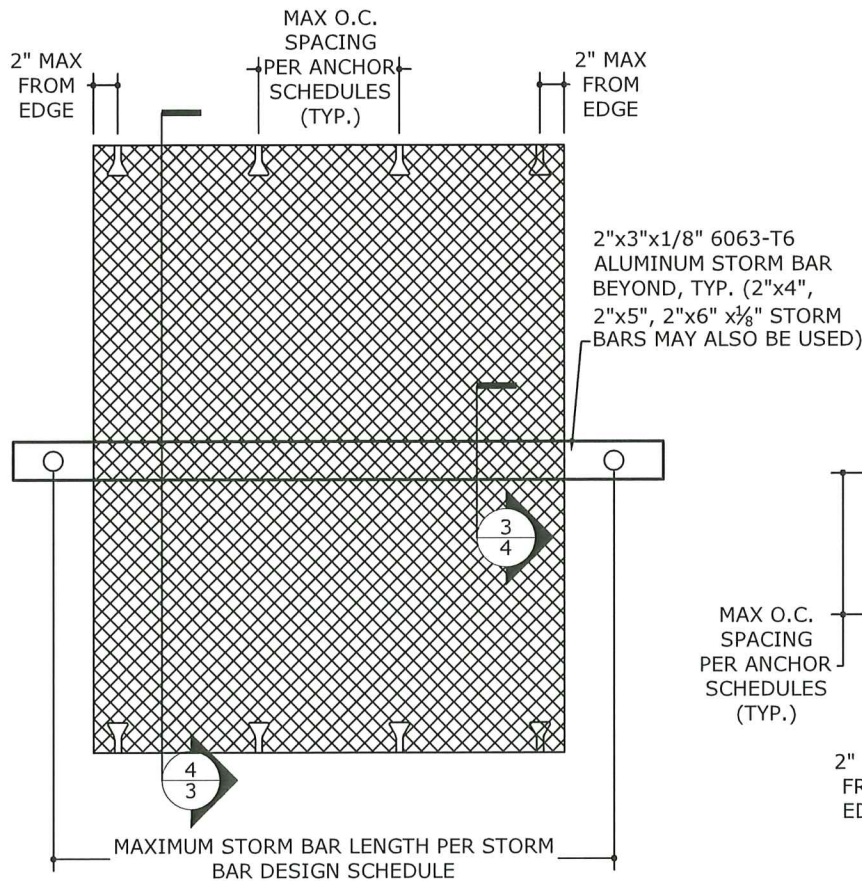
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4

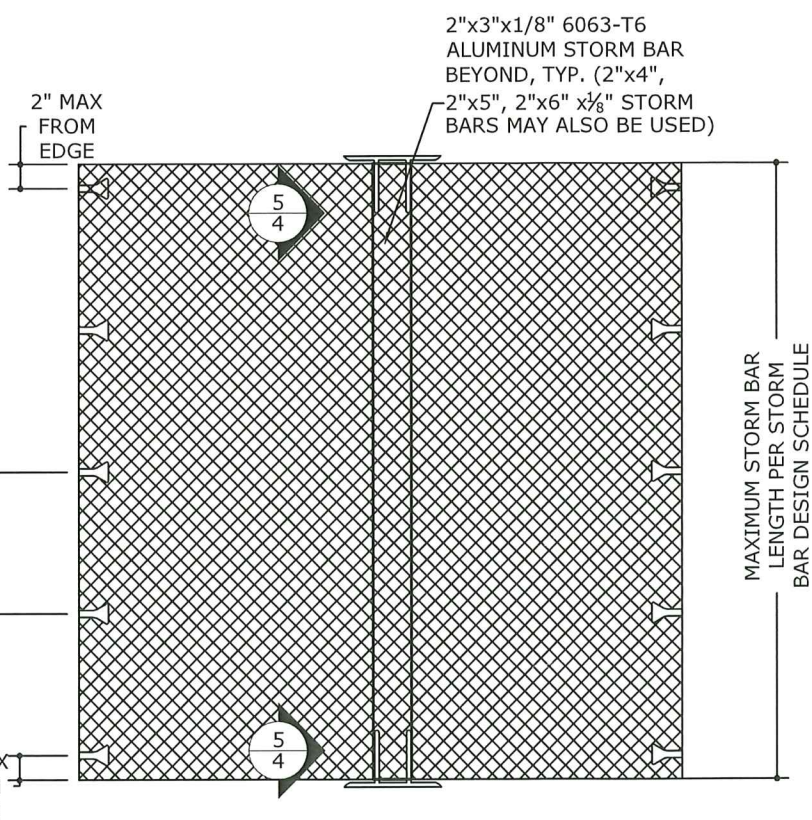
12



1 INSTALLATION W/ STORM BAR

N.T.S. EXTERIOR ELEV

STORM BARS & FABRIC MAY BE INSTALLED HORIZONTALLY OR VERTICALLY AS APPLICABLE (HORIZONTAL STORM BAR INSTALLATION WITH VERTICAL PANEL SPAN SHOWN HEREIN)



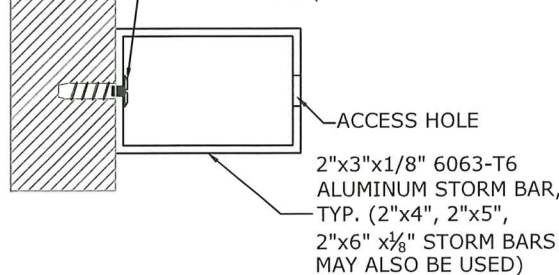
2 INSTALLATION W/ STORM BAR

N.T.S. EXTERIOR ELEV

STORM BARS & FABRIC MAY BE INSTALLED HORIZONTALLY OR VERTICALLY AS APPLICABLE (VERTICAL STORM BAR INSTALLATION WITH HORIZONTAL PANEL SPAN SHOWN HEREIN)

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By He GA Miller
Miami Dade Product Control

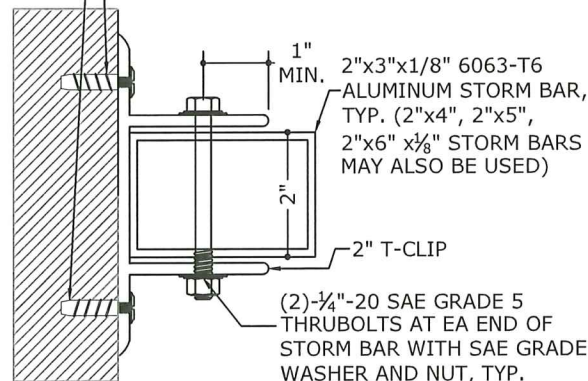
- (1)-1/4" DEWALT PANELMATE INSERT AT EA END OF STORM BAR:
- W/ 1-5/8" MIN. EMBEDMENT, 4" MIN. EDGE DISTANCE, AND 4" MIN. SPACING TO 2700 PSI MIN. CONCRETE
 - 1-5/8" MIN. THREAD PENETRATION, 3/4" MIN. EDGE DISTANCE AND 2" MIN. SPACING TO WOOD (G=0.55 MIN). UTILIZE (2) PANELMATES FOR SPANS 12'-0" OR GREATER, TYP.



3 STORM BAR DIRECT MOUNT

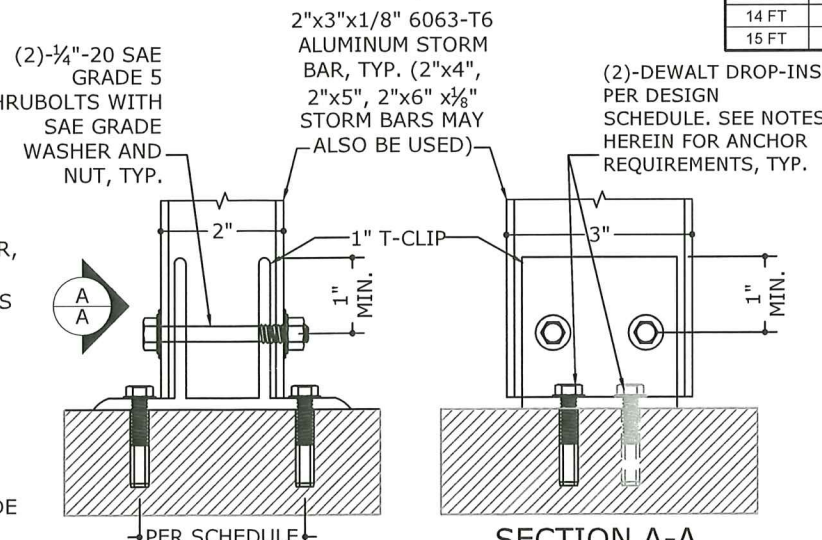
4" = 1'-0" SECTION

- (2)-1/4" DEWALT PANELMATE INSERTS AT EA 2" T-CLIP:
- W/ 1-5/8" MIN. EMBEDMENT, 4" MIN. EDGE DISTANCE, AND 3-1/2" MIN. SPACING TO 2700 PSI MIN. CONCRETE
 - 1-5/8" MIN. THREAD PENETRATION, 3/4" MIN. EDGE DISTANCE AND 3-1/2" MIN. SPACING TO WOOD (G=0.55 MIN).



4 STORM BAR 2" T-CLIP MOUNT

4" = 1'-0" SECTION



5 STORM BAR 1" T-CLIP MOUNT

4" = 1'-0" SECTION

STORM BAR SCHEDULE (FOR USE WITH DIRECT MOUNT & 2" T-CLIP MOUNT):

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

MAX OVERALL PANEL SPAN	STORM BAR DIRECT MOUNT & 2" T-CLIP: DESIGN SCHEDULE - MAX STORM BAR LENGTH			
	ANCHORS PER DETAIL 3/4 & 4/4			
	+60 PSF	+50 PSF	+40 PSF	+30 PSF
3 FT	75"	80"	86"	94"
4 FT	68"	72"	78"	86"
5 FT	63"	67"	72"	80"
6 FT	60"	63"	68"	75"
7 FT	56"	60"	65"	71"
8 FT	53"	57"	62"	68"
9 FT	50"	54"	60"	65"
10 FT	47"	52"	57"	63"
11 FT	45"	49"	55"	61"
12 FT	43"	47"	53"	60"
13 FT	41"	45"	51"	58"
14 FT	40"	44"	49"	56"
15 FT	39"	42"	47"	54"

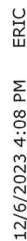
STORM BAR SCHEDULE (FOR USE WITH 1" T-CLIP MOUNT):

MAX OVERALL PANEL SPAN	STORM BAR 1" T-CLIP MOUNT: DESIGN SCHEDULE - MAX STORM BAR LENGTH			
	(2)-1/4" DEWALT DROP-INS		(2)-3/8" DEWALT DROP-INS	
	+60 PSF	+50 PSF	+40 PSF	+30 PSF
3 FT	75"	80"	86"	94"
4 FT	68"	72"	78"	86"
5 FT	63"	67"	72"	80"
6 FT	60"	63"	68"	75"
7 FT	56"	60"	65"	71"
8 FT	53"	57"	62"	68"
9 FT	47"	54"	60"	65"
10 FT	42"	51"	57"	63"
11 FT	39"	46"	55"	61"
12 FT	35"	42"	53"	60"
13 FT	33"	39"	49"	58"
14 FT	30"	36"	45"	56"
15 FT	28"	34"	42"	54"

- NOTES:
- STORM BAR SCHEDULES ARE GOVERNED BY POSITIVE WIND LOAD DIRECTIONS ONLY. NEGATIVE WIND LOAD DIRECTIONS DO NOT SUBJECT THE STORM BARS TO ANY EXTERIOR LOADING.
 - DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1" T-CLIP ANCHOR SCHEDULE:

NUMBER OF ANCHORS/CLIP	DESCRIPTION
(2)-1/4" DEWALT DROP-INS	UTILIZE (2) DROP-INS PER CLIP WITH 1" MIN EMBED, 3-1/2" SPACING, 5-1/4" EDGE DISTANCE TO 3000 PSI MIN CONCRETE
(2)-3/8" DEWALT DROP-INS	UTILIZE (2) DROP-INS PER CLIP WITH 1-9/16" MIN EMBED, 2.88" SPACING, 5-1/4" EDGE DISTANCE TO 3000 PSI MIN CONCRETE

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By H. G. A. M. W.
Miami Dept Product Control!



1. SEE EXTERIOR ELEVATION FOR ANCHOR LOCATIONS AND/OR SPACING.
2. PRESSURES LISTED IN ANCHOR SPACING SCHEDULES REPRESENT BOTH POSITIVE AND NEGATIVE PRESSURES.
3. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
4. UNLESS OTHERWISE NOTED HEREIN, 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).
5. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
6. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
7. ANCHOR SCHEDULE APPLIES TO ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
8. ALL CONCRETE ANCHOR SHALL BE INSTALLED TO NON-CRACKED CONCRETE ONLY. ALL EXISTING BLOCK SHALL BE ASTM C-90 MIN.
9. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
10. 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.
11. DESIGNATES ANCHOR CONDITIONS WHICH ARE NOT ACCEPTABLE FOR USE.
12. EDGE DISTANCES AND EMBEDMENT REQUIREMENTS ARE AS FOLLOWS:

12.1.1.	2-1/4" EMBEDMENT AND 2-1/2" EDGE DISTANCE TO CONCRETE
12.1.2.	1-1/4" EMBEDMENT AND 2-1/2" EDGE DISTANCE TO HOLLOW CONCRETE BLOCK
12.1.3.	2-1/2" EMBEDMENT AND 2-1/2" EDGE DISTANCE TO GROUT-FILLED CONCRETE BLOCK

12.2.1. 1-3/4" EMBEDMENT AND 2-1/2" EDGE DISTANCE TO CONCRETE

12.2.2. 1-1/4" EMBEDMENT AND 3" EDGE DISTANCE TO HOLLOW AND GROUT-FILLED CONCRETE BLOCK

12.3.1. 7/8" EMBEDMENT AND 3-1/2" EDGE DISTANCE TO CONCRETE AND HOLLOW AND GROUT-FILLED CONCRETE BLOCK

12.4.1.	1-5/8" EMBEDMENT AND 4" EDGE DISTANCE TO CONCRETE
12.4.2.	1-1/4" EMBEDMENT AND 3-1/2" EDGE DISTANCE TO HOLLOW CONCRETE BLOCK
12.4.3.	1-1/2" EMBEDMENT AND 3-1/2" EDGE DISTANCE TO GROUT-FILLED CONCRETE BLOCK

12.5.1. 7/8" EMBEDMENT AND 3" EDGE DISTANCE TO CONCRETE AND HOLLOW AND GROUT-FILLED CONCRETE BLOCK

12.6.1. 1" EMBEDMENT AND 3-1/2" EDGE DISTANCE TO CONCRETE

12.7.1. 1-9/16" EMBEDMENT AND 5-1/4" EDGE DISTANCE TO CONCRETE

12.8.1. 2" EMBEDMENT AND 3" EDGE DISTANCE TO CONCRETE
12.8.2. 2" EMBEDMENT AND 5-1/4" EDGE DISTANCE TO GROUT-FILLED CONCRETE BLOCK

12.9.1.	2" EMBEDMENT AND 2-1/2" EDGE DISTANCE TO CONCRETE
12.9.2.	1-1/4" EMBEDMENT AND 3" EDGE DISTANCE TO HOLLOW AND GROUT-FILLED CONCRETE BLOCK
12.9.3.	1-7/8" EMBEDMENT AND 3/4" EDGE DISTANCE TO WOOD

12.10.1. 1-3/4" EMBEDMENT AND 2-1/2" EDGE DISTANCE TO CONCRETE
12.10.2. 1-1/4" EMBEDMENT AND 3" EDGE DISTANCE TO HOLLOW AND GROUT-FILLED
CONCRETE BLOCK

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

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Miami Date Product Control

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1/4" DEWALT HOLLOW-SET DROPIN ANCHOR SCHEDULE INTERIOR MOUNT CONDITION (IN. O.C.)								
SPAN	4000 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	5.2	5.9	6.8	8.3
6'-0"	9.6	10.0	10.0	10.0		4.5	5.2	6.3
8'-0"	7.7	8.9	10.0	10.0			4.3	5.2
10'-0"	6.5	7.5	8.9	10.0				4.5
12'-0"	5.7	6.5	7.7	9.6				
14'-0"	5.1	5.8	6.9	8.5				
14'-8"	4.9	5.6	6.7	8.3				
16'-0"	4.6	5.3	6.2	7.7				
17'-0"	4.4	5.0	5.9	7.4				
18'-2"	4.1	4.8	5.7	7.0				

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT HOLLOW-SET DROPIN ANCHOR SCHEDULE WALL MOUNT CONDITION (IN. O.C.)								
SPAN	4000 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	8.3	9.7	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	5.7	6.8	8.3	10.0
8'-0"	8.4	9.7	10.0	10.0	4.4	5.2	6.4	8.3
10'-0"	7.0	8.1	9.7	10.0		4.3	5.2	6.8
12'-0"	6.0	7.0	8.4	10.0			4.4	5.7
14'-0"	5.3	6.2	7.4	9.3				5.0
14'-8"	5.1	5.9	7.1	9.0				4.8
16'-0"	4.8	5.5	6.6	8.4				4.4
17'-0"	4.5	5.3	6.3	8.0				4.2
18'-2"	4.3	5.0	6.0	7.6				

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" ALL POINTS SOLID-SET ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN. O.C.)								
SPAN	3000 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	8.0	9.3	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	6.8	7.8	9.3	10.0
12'-0"	10.0	10.0	10.0	10.0	5.9	6.8	8.0	10.0
14'-0"	9.0	10.0	10.0	10.0	5.2	6.0	7.1	8.9
14'-8"	8.7	10.0	10.0	10.0	5.0	5.8	6.9	8.6
16'-0"	8.1	9.4	10.0	10.0	4.7	5.4	6.4	8.0
17'-0"	7.7	8.9	10.0	10.0	4.4	5.1	6.1	7.7
18'-2"	7.3	8.5	10.0	10.0	4.2	4.9	5.8	7.3

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" ALL POINTS SOLID-SET ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN. O.C.)								
SPAN	3000 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	8.1	9.3	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	6.8	7.8	9.3	10.0
12'-0"	10.0	10.0	10.0	10.0	5.9	6.8	8.1	10.0
14'-0"	9.1	10.0	10.0	10.0	5.2	6.0	7.1	8.9
14'-8"	8.8	10.0	10.0	10.0	5.0	5.8	6.9	8.6
16'-0"	8.2	9.5	10.0	10.0	4.7	5.4	6.4	8.1
17'-0"	7.8	9.0	10.0	10.0	4.4	5.1	6.1	7.7
18'-2"	7.4	8.5	10.0	10.0	4.2	4.9	5.8	7.3

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE INSERT ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN. O.C.)												
SPAN	2700 PSI MIN CONCRETE				HOLLOW CONCRETE BLOCK				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	9.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	7.8	9.0	10.0	10.0	7.9	9.2	10.0	10.0
10'-0"	8.6	10.0	10.0	10.0	6.5	7.5	9.0	10.0	6.6	7.7	9.2	10.0
12'-0"	7.3	8.6	10.0	10.0	5.6	6.5	7.8	9.7	5.7	6.6	7.9	10.0
14'-0"	6.4	7.5	9.2	10.0	5.0	5.7	6.9	8.6	5.1	5.9	7.0	8.8
14'-8"	6.1	7.2	8.8	10.0	4.8	5.5	6.6	8.3	4.9	5.6	6.8	8.5
16'-0"	5.7	6.7	8.1	10.0	4.4	5.2	6.2	7.8	4.5	5.3	6.3	7.9
17'-0"	5.4	6.3	7.7	10.0	4.2	4.9	5.9	7.4	4.3	5.0	6.0	7.6
18'-2"	5.1	6.0	7.3	9.4		4.6	5.6	7.0	4.1	4.7	5.7	7.2

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE INSERT ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN. O.C.)												
SPAN	2700 PSI MIN CONCRETE				HOLLOW CONCRETE BLOCK				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	9.2	10.0	10.0	10.0	9.3	10.0	10.0	10.0
8'-0"	8.3	9.4	10.0	10.0	7.4	8.5	10.0	10.0	7.5	8.6	10.0	10.0
10'-0"	7.1	8.1	9.4	10.0	6.2	7.2	8.5	10.0	6.3	7.2	8.6	10.0
12'-0"	6.2	7.1	8.3	10.0	5.4	6.2	7.4	9.2	5.5	6.3	7.5	9.3
14'-0"	5.6	6.3	7.4	9.1	4.8	5.5	6.6	8.2	4.9	5.6	6.6	8.3
14'-8"	5.4	6.1	7.2	8.8	4.6	5.3	6.3	7.9	4.7	5.4	6.4	8.0
16'-0"	5.1	5.8	6.8	8.3	4.3	5.0	5.9	7.4	4.4	5.1	6.0	7.5
17'-0"	4.8	5.5	6.5	7.9	4.1	4.8	5.7	7.1	4.2	4.8	5.7	7.1
18'-2"	4.6	5.3	6.2	7.6		4.5	5.4	6.7		4.6	5.4	6.8

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT STEEL DROPIN ANCHOR SCHEDULE INTERIOR MOUNT CONDITION (IN. O.C.)				
SPAN	4000 PSI MIN CONCRETE			
	DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0
12'-0"	9.4	10.0	10.0	10.0
14'-0"	8.3	9.6	10.0	10.0
14'-8"	8.0	9.2	10.0	10.0
16'-0"	7.5	8.6	10.0	10.0
17'-0"	7.1	8.2	9.8	10.0
18'-2"	6.8	7.8	9.3	10.0

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT STEEL DROPIN ANCHOR SCHEDULE WALL MOUNT CONDITION (IN. O.C.)				
SPAN	4000 PSI MIN CONCRETE			
	DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0
12'-0"	9.5	10.0	10.0	10.0
14'-0"	8.4	9.8	10.0	10.0
14'-8"	8.1	9.4	10.0	10.0
16'-0"	7.6	8.8	10.0	10.0
17'-0"	7.2	8.4	10.0	10.0
18'-2"	6.8	7.9	9.5	10.0

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

3/8" DEWALT STEEL DROPIN ANCHOR SCHEDULE INTERIOR MOUNT CONDITION (IN. O.C.)				
SPAN	4000 PSI MIN CONCRETE			
	DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0
12'-0"	10.0	10.0	10.0	10.0
14'-0"	10.0	10.0	10.0	10.0
14'-8"	10.0	10.0	10.0	10.0
16'-0"	10.0	10.0	10.0	10.0
17'-0"	10.0	10.0	10.0	10.0
18'-2"	10.0	10.0	10.0	10.0

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

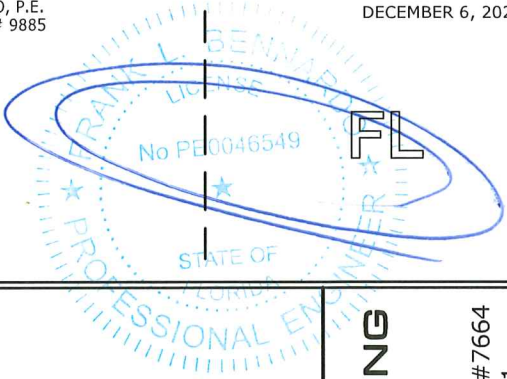
3/8" DEWALT STEEL DROPIN ANCHOR SCHEDULE WALL MOUNT CONDITION (IN. O.C.)				
SPAN	4000 PSI MIN CONCRETE			
	DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0
12'-0"	10.0	10.0	10.0	10.0
14'-0"	10.0	10.0	10.0	10.0
14'-8"	10.0	10.0	10.0	10.0
16'-0"	10.0	10.0	10.0	10.0
17'-0"	10.0	10.0	10.0	10.0
18'-2"	10.0	10.0	10.0	10.0

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-1215.08
Expiration Date 10/29/2025
By *Heidi A. Miller*
Miami Dade Product Control

FRANK BENNARDO, P.E.
PE# 0046549 CA# 9885

DECEMBER 6, 2023



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1/4" DEWALT POWER-STUD ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN. O.C.)								
SPAN	4000 PSI MIN CONCRETE				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	9.5	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	7.5	8.8	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	6.3	7.3	8.8	10.0
12'-0"	8.6	10.0	10.0	10.0	5.4	6.3	7.5	9.5
14'-0"	7.6	8.9	10.0	10.0	4.7	5.5	6.7	8.4
14'-8"	7.3	8.5	10.0	10.0	4.6	5.3	6.4	8.1
16'-0"	6.8	7.9	9.5	10.0	4.2	4.9	6.0	7.5
17'-0"	6.5	7.5	9.1	10.0	4.0	4.7	5.7	7.2
18'-2"	6.1	7.1	8.6	10.0		4.4	5.4	6.8

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT POWER-STUD ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN. O.C.)								
SPAN	4000 PSI MIN CONCRETE				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	8.4	9.6	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	6.8	7.7	9.1	10.0
10'-0"	9.3	10.0	10.0	10.0	5.7	6.6	7.7	9.6
12'-0"	8.1	9.3	10.0	10.0	5.0	5.7	6.8	8.4
14'-0"	7.2	8.3	9.8	10.0	4.5	5.1	6.0	7.5
14'-8"	7.0	8.0	9.5	10.0	4.3	4.9	5.8	7.2
16'-0"	6.5	7.5	8.9	10.0	4.0	4.6	5.5	6.8
17'-0"	6.2	7.2	8.5	10.0		4.4	5.2	6.5
18'-2"	5.9	6.8	8.1	10.0		4.2	5.0	6.2

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE TVAS ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN. O.C.)												
SPAN	3350 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	9.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	7.0	8.0	9.5	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	5.7	6.5	7.7	9.5	8.6	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	4.8	5.5	6.5	8.0	7.1	8.3	10.0	10.0
12'-0"	10.0	10.0	10.0	10.0	4.2	4.8	5.7	7.0	6.0	7.1	8.6	10.0
14'-0"	9.7	10.0	10.0	10.0		4.3	5.0	6.3	5.3	6.2	7.5	9.6
14'-8"	9.4	10.0	10.0	10.0		4.1	4.9	6.1	5.0	5.9	7.2	9.2
16'-0"	8.7	10.0	10.0	10.0			4.6	5.7	4.7	5.5	6.7	8.6
17'-0"	8.3	9.6	10.0	10.0			4.4	5.4	4.4	5.2	6.3	8.1
18'-2"	7.9	9.1	10.0	10.0			4.1	5.2	4.2	4.9	6.0	7.7

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE TVAS ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN. O.C.)												
SPAN	3350 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	7.7	8.9	10.0	10.0	8.9	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	6.1	7.1	8.4	10.0	7.2	8.3	9.7	10.0
10'-0"	10.0	10.0	10.0	10.0	5.1	5.9	7.1	8.9	6.1	7.0	8.3	10.0
12'-0"	10.0	10.0	10.0	10.0	4.4	5.1	6.1	7.7	5.3	6.1	7.2	8.9
14'-0"	9.6	10.0	10.0	10.0		4.5	5.4	6.8	4.8	5.5	6.4	8.0
14'-8"	9.2	10.0	10.0	10.0		4.3	5.2	6.6	4.6	5.3	6.2	7.7
16'-0"	8.6	9.9	10.0	10.0		4.0	4.8	6.1	4.3	4.9	5.8	7.2
17'-0"	8.2	9.5	10.0	10.0			4.6	5.8	4.1	4.7	5.6	6.9
18'-2"	7.8	9.0	10.0	10.0			4.4	5.5		4.5	5.3	6.6

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1215.08
Expiration Date 10/20/2025
By Kelly A. Nelson
Miami Code Product Control

1/4" DEWALT PANELMATE FEMALE ID ANCHOR SCHEDULE - INTERIOR MOUNT CONDITION (IN. O.C.)												
SPAN	3350 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	8.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	6.5	7.5	8.9	10.0	10.0	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	5.2	6.0	7.2	8.9	8.6	10.0	10.0	10.0
10'-0"	10.0	10.0	10.0	10.0	4.4	5.1	6.0	7.5	7.1	8.3	10.0	10.0
12'-0"	8.8	10.0	10.0	10.0		4.4	5.2	6.5	6.0	7.1	8.6	10.0
14'-0"	7.7	9.0	10.0	10.0			4.6	5.8	5.3	6.2	7.5	9.6
14'-8"	7.4	8.7	10.0	10.0			4.5	5.6	5.0	5.9	7.2	9.2
16'-0"	6.9	8.1	9.7	10.0			4.2	5.2	4.7	5.5	6.7	8.6
17'-0"	6.6	7.7	9.2	10.0				5.0	4.4	5.2	6.3	8.1
18'-2"	6.2	7.2	8.7	10.0				4.7	4.2	4.9	6.0	7.7

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE FEMALE ID ANCHOR SCHEDULE - WALL MOUNT CONDITION (IN. O.C.)												
SPAN	3350 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.0	10.0	10.0	10.0	8.7	9.9	10.0	10.0	10.0	10.0	10.0	10.0
6'-0"	10.0	10.0	10.0	10.0	6.4	7.3	8.7	10.0	8.9	10.0	10.0	10.0
8'-0"	10.0	10.0	10.0	10.0	5.1	5.9	7.0	8.7	7.2	8.3	9.7	10.0
10'-0"	9.4	10.0	10.0	10.0	4.3	5.0	5.9	7.3	6.1	7.0	8.3	10.0
12'-0"	8.2	9.4	10.0	10.0		4.3	5.1	6.4	5.3	6.1	7.2	8.9
14'-0"	7.3	8.3	9.9	10.0			4.6	5.7	4.8	5.5	6.4	8.0
14'-8"	7.0	8.1	9.5	10.0			4.4	5.5	4.6	5.3	6.2	7.7
16'-0"	6.6	7.5	8.9	10.0			4.1	5.1	4.3	4.9	5.8	7.2
17'-0"	6.3	7.2	8.5	10.0				4.9	4.1	4.7	5.6	6.9
18'-2"	6.0	6.8	8.1	10.0				4.7		4.5	5.3	6.6

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" ITW SAMMY SSC ANCHOR SCHEDULE - EXTRUSION 1 MOUNT (IN. O.C.)								
SPAN	3295 PSI MIN CONCRETE				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	6.1	6.9	8.0	9.8		4.4	5.1	6.2
6'-0"	4.6	5.2	6.1	7.4				4.7
8'-0"		4.2	5.0	6.1				
10'-0"			4.2	5.2				
12'-0"				4.6				

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE (MALE OR FEMALE) ANCHOR SCHEDULE - EXTRUSION 1 MOUNT (IN. O.C.)								
SPAN	3323 PSI MIN CONCRETE				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	4.3	4.9	5.7	7.0		4.5	5.3	6.4
6'-0"			4.3	5.3				4.9
8'-0"				4.3				

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE INSERT ANCHOR SCHEDULE - EXTRUSION 1 MOUNT (IN. O.C.)								
SPAN	2700 PSI MIN CONCRETE				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	4.4	5.0	5.9	7.2				4.3
6'-0"			4.4	5.4				
8'-0"				4.4				

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

FRANK BENNARDO, P.E. PE# 0046549 CA# 9885						DECEMBER 6, 2023					
Professional Engineer Seal: FRANK L. BENNARDO, LICENSE NO. PE0046549, STATE OF FLORIDA.											
NT CONDITION (IN. O.C.)											
G=0.55 MIN. WOOD											
DESIGN PRESSURE											
60 PSF			50 PSF			40 PSF			30 PSF		
10.0			10.0			10.0			10.0		
10.0			10.0			10.0			10.0		
8.6			10.0			10.0			10.0		
7.1			8.3			10.0			10.0		
6.0			7.1			8.6			10.0		
5.3			6.2			7.5			9.6		
5.0			5.9			7.2			9.2		
4.7			5.5			6.7			8.6		
4.4			5.2			6.3			8.1		
4.2			4.9			6.0			7.7		
SURES.											
T CONDITION (IN. O.C.)											
G=0.55 MIN. WOOD											
DESIGN PRESSURE											
60 PSF			50 PSF			40 PSF			30 PSF		
10.0			10.0			10.0			10.0		
8.9			10.0			10.0			10.0		
7.2			8.3			9.7			10.0		
6.1			7.0			8.3			10.0		
5.3			6.1			7.2			8.9		
4.8			5.5			6.4			8.0		
4.6			5.3			6.2			7.7		
4.3			4.9			5.8			7.2		
4.1			4.7			5.6			6.9		
			4.5			5.3			6.6		
SURES.											
NT (IN. O.C.)											
CONCRETE BLOCK											
PRESSURE											
40 PSF			30 PSF								
5.1			6.2								
			4.7								
RUSION 1 MOUNT (IN.											
MIN. WOOD											
PRESSURE											
40 PSF			30 PSF								
5.3			6.4								
			4.9								
1 MOUNT (IN. O.C.)											
CONCRETE BLOCK											
PRESSURE											
40 PSF			30 PSF								
			4.3								
NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.											
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1/4" ALL POINTS SOLID-SET ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)								
SPAN	3000 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	12.0	12.0	12.0	12.0	8.7	10.2	12.0	12.0
6'-0"	10.7	12.0	12.0	12.0	6.1	7.2	8.7	11.1
8'-0"	8.3	9.7	11.8	12.0	4.8	5.6	6.8	8.7
10'-0"	6.8	8.0	9.7	12.0		4.6	5.6	7.2
12'-0"	5.8	6.8	8.3	10.7			4.8	6.1
14'-0"	5.0	5.9	7.2	9.3			4.2	5.4
14'-8"	4.8	5.7	6.9	9.0				5.2
16'-0"	4.5	5.3	6.4	8.3				4.8
17'-0"	4.2	5.0	6.1	7.9				4.5
18'-2"		4.7	5.7	7.4				4.3

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT STEEL DROP-IN ANCHOR SCHEDULE EXTRUSION 2 MOUNT (IN. O.C.)				
SPAN	4000 PSI MIN CONCRETE			
	DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	12.0	12.0	12.0	12.0
6'-0"	9.8	11.5	12.0	12.0
8'-0"	7.6	8.9	10.9	12.0
10'-0"	6.2	7.3	8.9	11.5
12'-0"	5.3	6.2	7.6	9.8
14'-0"	4.6	5.4	6.6	8.6
14'-8"	4.4	5.2	6.4	8.2
16'-0"	4.1	4.8	5.9	7.6
17'-0"		4.6	5.6	7.2
18'-2"		4.3	5.2	6.8

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

3/8" DEWALT STEEL DROP-IN ANCHOR SCHEDULE EXTRUSION 2 MOUNT (IN. O.C.)				
SPAN	4000 PSI MIN CONCRETE DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	12.0	12.0	12.0	12.0
6'-0"	12.0	12.0	12.0	12.0
8'-0"	12.0	12.0	12.0	12.0
10'-0"	12.0	12.0	12.0	12.0
12'-0"	11.2	12.0	12.0	12.0
14'-0"	9.8	11.5	12.0	12.0
14'-8"	9.4	11.0	12.0	12.0
16'-0"	8.6	10.2	12.0	12.0
17'-0"	8.2	9.7	11.8	12.0
18'-2"	7.7	9.1	11.1	12.0

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT POWER-STUD ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)								
SPAN	4000 PSI MIN CONCRETE				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	12.0	12.0	12.0	12.0	8.1	9.4	11.2	12.0
6'-0"	9.2	10.8	12.0	12.0	5.8	6.7	8.1	10.2
8'-0"	7.2	8.4	10.2	12.0	4.5	5.3	6.4	8.1
10'-0"	6.0	7.0	8.4	10.8		4.4	5.3	6.7
12'-0"	5.1	6.0	7.2	9.2			4.5	5.8
14'-0"	4.5	5.2	6.3	8.1				5.1
14'-8"	4.3	5.0	6.1	7.8				4.9
16'-0"		4.6	5.6	7.2				4.5
17'-0"		4.4	5.4	6.9				4.3
18'-2"		4.2	5.1	6.5				4.1

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

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NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE FEMALE ID ANCHOR SCHEDULE - EXTRUSION 2 MOUNT (IN. O.C.)												
SPAN	3350 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	12.0	12.0	12.0	12.0	5.7	6.6	8.0	10.1	9.1	10.4	12.0	12.0
6'-0"	9.4	11.0	12.0	12.0	4.0	4.7	5.7	7.2	6.6	7.6	9.1	11.3
8'-0"	7.4	8.6	10.4	12.0			4.4	5.7	5.2	6.1	7.2	9.1
10'-0"	6.1	7.1	8.6	11.0				4.7	4.4	5.1	6.1	7.6
12'-0"	5.2	6.1	7.4	9.4				4.0		4.4	5.2	6.6
14'-0"	4.6	5.4	6.5	8.3							4.6	5.8
14'-8"	4.4	5.1	6.2	8.0							4.5	5.6
16'-0"	4.1	4.8	5.8	7.4							4.2	5.2
17'-0"		4.5	5.5	7.0								5.0
18'-2"		4.3	5.2	6.6								4.7

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-1215.08
Expiration Date 10/20/2025
By H. G. A. Miller
Miami Dade Product Control

NOTE: SEE SHEET 6
FOR ANCHOR NOTES

FRANK BENNARDO, P.E.
PE# 0046549 CA# 9885

DECEMBER 6, 2023



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1/4" ITW SAMMY SSC ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	3295 PSI MIN CONCRETE				HOLLOW CONCRETE BLOCK				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	11.8	12.0	12.0	12.0	4.6	5.2	6.1	7.5	7.0	7.9	9.2	11.3
6'-0"	8.8	10.1	11.8	12.0			4.6	5.6	5.2	5.9	7.0	8.5
8'-0"	7.2	8.2	9.6	11.8				4.6	4.3	4.9	5.7	7.0
10'-0"	6.1	7.0	8.2	10.1						4.1	4.9	5.9
12'-0"	5.4	6.1	7.2	8.8							4.3	5.2
14'-0"	4.8	5.5	6.4	7.9								4.7
14'-8"	4.6	5.3	6.2	7.7								4.5
16'-0"	4.3	5.0	5.8	7.2								4.3
17'-0"	4.2	4.8	5.6	6.9								4.1
18'-2"		4.5	5.3	6.6								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE (MALE OR FEMALE) ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	3323 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	8.7	9.9	11.6	12.0		4.0	4.7	5.8	6.7	7.6	8.9	10.9
6'-0"	6.5	7.4	8.7	10.7				4.4	5.1	5.8	6.7	8.2
8'-0"	5.3	6.0	7.1	8.7					4.1	4.7	5.5	6.7
10'-0"	4.5	5.1	6.0	7.4						4.0	4.7	5.8
12'-0"		4.5	5.3	6.5							4.1	5.1
14'-0"		4.0	4.7	5.8								4.5
14'-8"			4.6	5.6								4.4
16'-0"			4.3	5.3								4.1
17'-0"			4.1	5.1								
18'-2"				4.8								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE INSERT ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	2700 PSI MIN CONCRETE				HOLLOW CONCRETE BLOCK				GROUT-FILLED CONCRETE BLOCK			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	8.2	9.3	10.9	12.0	5.3	6.1	7.1	8.7	5.5	6.3	7.3	9.0
6'-0"	6.1	7.0	8.2	10.0		4.5	5.3	6.6	4.1	4.7	5.5	6.7
8'-0"	5.0	5.7	6.7	8.2			4.3	5.3			4.5	5.5
10'-0"	4.3	4.9	5.7	7.0				4.5				4.7
12'-0"		4.3	5.0	6.1								4.1
14'-0"			4.5	5.5								
14'-8"			4.3	5.3								
16'-0"			4.1	5.0								
17'-0"				4.8								
18'-2"				4.6								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE FEMALE ID ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	3350 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	8.7	9.9	11.6	12.0		4.0	4.7	5.8	6.7	7.6	8.9	10.9
6'-0"	6.5	7.4	8.7	10.7				4.4	5.1	5.8	6.7	8.2
8'-0"	5.3	6.0	7.1	8.7					4.1	4.7	5.5	6.7
10'-0"	4.5	5.1	6.0	7.4						4.0	4.7	5.8
12'-0"		4.5	5.3	6.5							4.1	5.1
14'-0"		4.0	4.7	5.8								4.5
14'-8"			4.6	5.6								4.4
16'-0"			4.3	5.3								4.1
17'-0"			4.1	5.1								
18'-2"				4.8								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" ALL POINTS SOLID-SET ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	3000 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK							
	DESIGN PRESSURE				DESIGN PRESSURE							
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	9.3	10.6	12.0	12.0	5.4	6.1	7.2	8.8				
6'-0"	6.9	7.9	9.3	11.4	4.0	4.6	5.4	6.6				
8'-0"	5.6	6.4	7.6	9.3			4.4	5.4				
10'-0"	4.8	5.5	6.4	7.9				4.6				
12'-0"	4.2	4.8	5.6	6.9				4.0				
14'-0"		4.3	5.0	6.2								
14'-8"		4.1	4.9	6.0								
16'-0"			4.6	5.6								
17'-0"			4.4	5.4								
18'-2"			4.2	5.1								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT STEEL DROPIN ANCHOR SCHEDULE BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	4000 PSI MIN CONCRETE											
	DESIGN PRESSURE											
	60 PSF	50 PSF	40 PSF	30 PSF								
4'-0"	8.5	9.7	11.4	12.0								
6'-0"	6.3	7.2	8.5	10.5								
8'-0"	5.1	5.9	6.9	8.5								
10'-0"	4.4	5.0	5.9	7.2								
12'-0"		4.4	5.1	6.3								
14'-0"			4.6	5.7								
14'-8"			4.4	5.5								
16'-0"			4.2	5.1								
17'-0"				4.9								
18'-2"				4.7								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT POWER-STUD ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	4000 PSI MIN CONCRETE				GROUT-FILLED CONCRETE BLOCK							
	DESIGN PRESSURE				DESIGN PRESSURE							
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	8.4	9.6	11.3	12.0	5.4	6.1	7.1	8.8				
6'-0"	6.3	7.2	8.4	10.4	4.0	4.6	5.4	6.6				
8'-0"	5.1	5.8	6.9	8.4			4.4	5.4				
10'-0"	4.4	5.0	5.8	7.2				4.6				
12'-0"		4.4	5.1	6.3				4.0				
14'-0"			4.6	5.6								
14'-8"			4.4	5.5								
16'-0"			4.2	5.1								
17'-0"				4.9								
18'-2"				4.7								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

1/4" DEWALT PANELMATE TVAS ANCHOR SCHEDULE - BUILD OUT TUBE MOUNT (IN. O.C.)												
SPAN	3350 PSI MIN CONCRETE				HOLLOW AND GROUT-FILLED CONCRETE BLOCK				G=0.55 MIN. WOOD			
	DESIGN PRESSURE				DESIGN PRESSURE				DESIGN PRESSURE			
	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF	60 PSF	50 PSF	40 PSF	30 PSF
4'-0"	10.3	11.8	12.0	12.0		4.2	4.9	6.1	6.7	7.6	8.9	10.9
6'-0"	7.7	8.8	10.3	12.0				4.5	5.1	5.8	6.7	8.2
8'-0"	6.2	7.1	8.4	10.3					4.1	4.7	5.5	6.7
10'-0"	5.3	6.1	7.1	8.8						4.0	4.7	5.8
12'-0"	4.6	5.3	6.2	7.7							4.1	5.1
14'-0"	4.1	4.7	5.6	6.9								4.5
14'-8"	4.0	4.6	5.4	6.7								4.4
16'-0"		4.3	5.1	6.2								4.1
17'-0"		4.1	4.8	6.0								
18'-2"			4.6	5.7								

NOTE: DESIGN PRESSURES LISTED ARE MAXIMUM ALLOWABLE (ASD) DESIGN PRESSURES.

NOTE: SEE SHEET 6 FOR ANCHOR NOTES

FRANK BENNARDO, P.E.
PE# 0046549 CA# 9885

DECEMBER 6, 2023

