



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

**NOTICE OF ACCEPTANCE (NOA)**

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](http://www.miamidade.gov/economy)

**S&P USA Ventilation Systems, LLC**  
**6393 Powers Avenue**  
**Jacksonville, FL 32217**

**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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: S-Series Aluminum Rooftop Exhaust Fans**

**APPROVAL DOCUMENT:** Drawing No. SSERIESMD, titled "STXB / STXBRHUL / STXD / STXDRHUL / SDB / SDBD / SDBDe MIAMI DADE", sheets 1 through 10 of 10, dated 03/26/2020, prepared by the manufacturer, signed and sealed by Wayne K. Helmila, P.E. on 05/11/2021, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** A permanent label with the manufacturer's name or logo, city, state, model/ series, and following statement: "Miami-Dade County Product Control Approved", is to be located on each unit.

**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 # 20-1006.04 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



**NOA No. 21-0526.16**  
**Expiration Date: December 30, 2025**  
**Approval Date: July 22, 2021**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **SSERIESMD**, titled “STXB / STXBRHUL / STXD / STXDRHUL / SDB / SDBD / SDBDe MIAMI DADE”, sheets 1 through 10 of 10, dated 03/26/2020, prepared by the manufacturer, signed and sealed by Wayne K. Helmila, P.E. on 05/11/2021.

**B. TESTS “Submitted under NOA # 20-1006.04”**

1. Test reports on Large Missile Impact Test per FBC, TAS 201-94 along with marked-up drawings and installation diagram of Series: STXB08, STXB48, SDB06 and SDB48 Fans, prepared by Fenestration Testing Laboratory (FTL) a QAI Company, Test Report No. **12235**, dated 09/03/2020, signed and sealed by Idalmis Ortega, P.E.
2. Test reports on Uniform Static Air Pressure Test, loading per FBC TAS 202-94 along with marked-up drawings and installation diagram of Series: STXB16, STXB36, STXB48, SDB22, SDB33 and SDB48 Fans, prepared by Fenestration Testing Laboratory (FTL) a QAI Company, Test Report No. **12237**, dated 09/03/2020, signed and sealed by Idalmis Ortega, P.E.

**C. CALCULATIONS “Submitted under NOA # 20-1006.04”**

1. Anchor verification calculations, prepared by Rice Engineering, dated 09/25/2020, signed and sealed by Wayne K. Helmila, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS “Submitted under NOA # 20-1006.04”**

1. Flame Spread and Smoke Density ratings per ASTM E84 of Johns Manville’s Micromat fiber glass insulation.

**F. STATEMENTS “Submitted under NOA # 20-1006.04”**

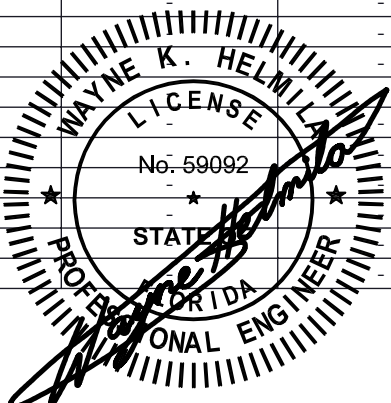
1. Statement letter of code conformance to the 6<sup>th</sup> edition (2017) and 7<sup>th</sup> edition (2020) of the FBC, issued Rice Engineering, dated 12/17/2020, signed and sealed by Wayne K. Helmila, P.E.
2. Statement letter of no financial interest, issued by Rice Engineering, dated 09/15/2020, signed and sealed by Wayne K. Helmila, P.E.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 21-0526.16**  
**Expiration Date: December 30, 2025**  
**Approval Date: July 22, 2021**

| STXB/STXBRHUL MODEL SIZE | STXD/STXDe MODEL SIZE | STXDRHUL/STXDeRHUL MODEL SIZE | A       | B        | C       | D        | E     | F       | G        | H  | WEIGHT (LBS) |
|--------------------------|-----------------------|-------------------------------|---------|----------|---------|----------|-------|---------|----------|----|--------------|
| 08                       | 06-07-08-0825         | -                             | 18      | 29-5/16  | 28-5/8  | 24-5/16  | 2     | 22      | 32-5/16  | 10 | 123          |
| 10                       | 10                    | 10                            | 18      | 29-5/16  | 28-5/8  | 24-5/16  | 2     | 22      | 32-5/16  | 10 | 123          |
| 12                       | 12                    | 12                            | 20      | 30-7/8   | 31-5/16 | 25-15/16 | 2     | 24      | 33-7/8   | 12 | 137          |
| 14                       | 14-1410-1475          | 14-1410-1475                  | 20      | 30-7/8   | 31-5/16 | 25-15/16 | 2     | 24      | 33-7/8   | 12 | 144          |
| 15/15HP                  | 15-1515-1575          | 15-1515-1575                  | 24      | 31-1/2   | 36-1/2  | 26-5/8   | 2     | 28      | 34-1/2   | 14 | 159          |
| 16/16HP                  | 16-1615               | 16-1615                       | 24      | 31-1/2   | 36-1/2  | 26-5/8   | 2     | 28      | 34-1/2   | 14 | 166          |
| 18/18HP                  | -                     | -                             | 30      | 35-3/4   | 42-5/8  | 30-1/2   | 2     | 34      | 38-3/4   | 16 | 230          |
| 20/20HP                  | -                     | -                             | 30      | 38-5/8   | 46-7/16 | 30-1/2   | 2     | 34      | 41-5/8   | 16 | 233          |
| 22/22HP                  | -                     | -                             | 30      | 38-5/8   | 46-7/16 | 33-5/16  | 2     | 34      | 41-5/8   | 16 | 233          |
| 24/24HP                  | -                     | -                             | 36      | 49-1/8   | 50-1/2  | 37-1/2   | 2     | 40      | 52-1/8   | 20 | 385          |
| 27/27HP                  | -                     | -                             | 36      | 51-5/8   | 61-5/16 | 41-1/2   | 2     | 40      | 54-5/8   | 20 | 413          |
| 30/30HP                  | -                     | -                             | 42      | 52-5/16  | 65-7/16 | 42-1/4   | 2     | 46      | 55-5/16  | 22 | 503          |
| 33/33HP                  | -                     | -                             | 42      | 52-5/16  | 65-7/16 | 42-1/4   | 2     | 46      | 55-5/16  | 22 | 505          |
| 36/36HP                  | -                     | -                             | 42-5/16 | 50-11/16 | 64-1/4  | 44-1/4   | 2-1/2 | 46-5/16 | 53-11/16 | 24 | 592          |
| 42                       | -                     | -                             | 54-1/4  | 56-15/16 | 76-1/8  | 48-3/16  | 2-1/2 | 58-1/4  | 59-15/16 | 28 | 779          |
| 48                       | -                     | -                             | 54-1/4  | 60-3/16  | 80-7/8  | 52-3/8   | 2-1/2 | 58-1/4  | 63-3/16  | 30 | 869          |



| STXB/STXBRHUL MODEL SIZE | J  | K | L | M |
|--------------------------|----|---|---|---|
| 08                       | 8  | 8 | 4 | 4 |
| 10                       | 8  | 8 | 4 | 4 |
| 12                       | 8  | 8 | 4 | 4 |
| 14                       | 8  | 8 | 4 | 4 |
| 15/15HP                  | 8  | 8 | 4 | 4 |
| 16/16HP                  | 8  | 8 | 4 | 4 |
| 18/18HP                  | 12 | 8 | 6 | 6 |
| 20/20HP                  | 12 | 8 | 6 | 6 |
| 22/22HP                  | 12 | 8 | 6 | 6 |
| 24/24HP                  | 10 | 8 | 6 | 6 |
| 27/27HP                  | 10 | 8 | 6 | 6 |
| 30/30HP                  | 10 | 8 | 6 | 6 |
| 33/33HP                  | 10 | 8 | 6 | 6 |
| 36/36HP (<10HP)          | 10 | 8 | 5 | 5 |
| 36/36HP (10HP)           | 10 | 8 | 7 | 7 |
| 42                       | 10 | 8 | 5 | 5 |
| 48 (<10HP)               | 10 | 8 | 5 | 5 |
| 48 (10HP)                | 10 | 8 | 7 | 7 |

|           |             |     |          |           |  |         |  |
|-----------|-------------|-----|----------|-----------|--|---------|--|
| CAD FILE  |             |     |          | SSERIESMD |  | SHEET 1 |  |
| REVISIONS |             |     |          |           |  |         |  |
| REV       | DESCRIPTION | BY  | DATE     | ECN       |  |         |  |
| A         | RELEASE     | JX  | 9/8/2020 | 2020-100  |  |         |  |
| -         | -----       | --- | --/--/-- | -----     |  |         |  |
| -         | -----       | --- | --/--/-- | -----     |  |         |  |

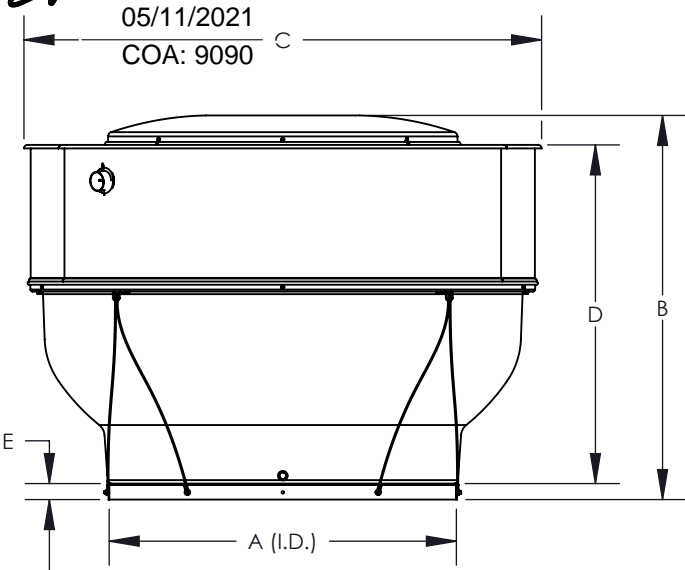
| DESIGN PRESSURE LOAD RATING |                       |                               |                     |
|-----------------------------|-----------------------|-------------------------------|---------------------|
| STXB/STXBRHUL MODEL SIZE    | STXD/STXDe MODEL SIZE | STXDRHUL/STXDeRHUL MODEL SIZE | PRESSURE LOAD (PSF) |
| 08                          | 06-07-08-0825         | -                             | ± 150               |
| 10-16                       | 10-16                 | 10-16                         | ± 150               |
| 18-48                       | -                     | -                             | ± 80                |

Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.

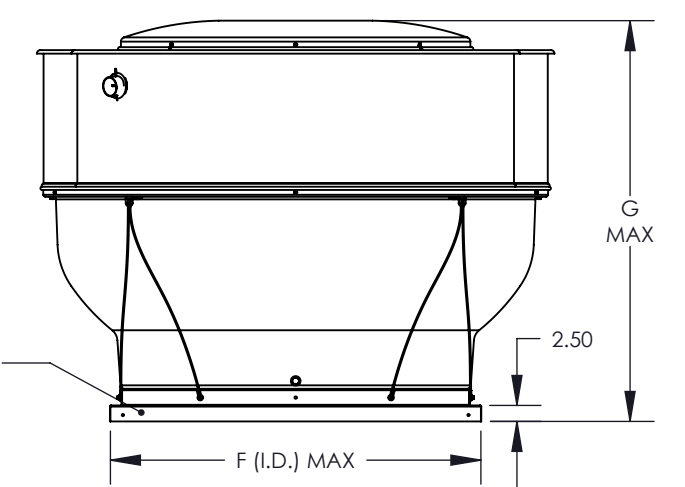
**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. 21-0526.16  
 Expiration Date 12/30/2025  
 By [Signature]  
 Miami-Dade Product Control

**NOTES:**

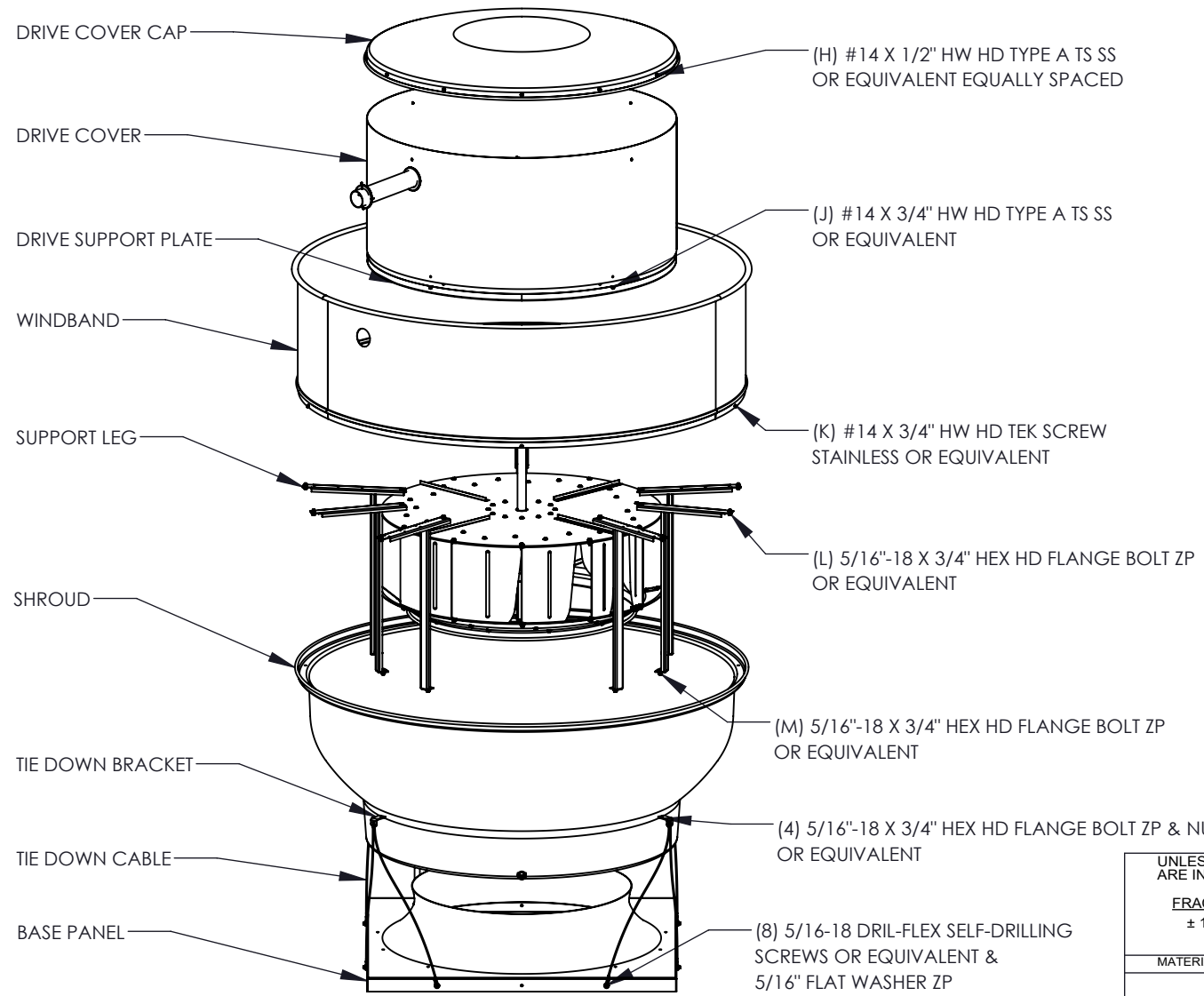
- MODEL STXB/STXBRHUL/STXD(e)/STXD(e)RHUL HAVE BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE/MIAMI DADE TEST PROTOCOL TAS 201 (LARGE IMPACT) AND TAS 202 (STATIC PRESSURE LOADING).
- THIS APPROVAL IS FOR THE STRUCTURAL PERFORMANCE AND IMPACT RESISTANCE ONLY. INTERIOR MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS APPROVAL.
- THIS FAN/VENT HAS NOT BEEN TESTED FOR WATER PENETRATION ACCORDING TO FLORIDA BUILDING CODE, TAS 100(A) WIND DRIVEN RAIN TEST. IT CANNOT BE INSTALLED WITHIN THE RIDGE AREA FBC 1523.6.5.2.13.
- DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
- ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY THE FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
- FAN CURBS MUST BE ANCHORED TO ROOF FRAMING MEMBERS.



**STANDARD FAN**



**FAN W/ OPTIONAL CURB ADAPTER**



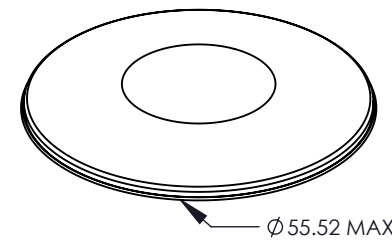
**RICE ENGINEERING**  
 105 School Creek Trail  
 Luxemburg, WI 54217  
 Phone: (920) 617-1042  
 Fax: (920) 617-1100  
 www.rice-inc.com  
 Florida Firm No: F-0100005061  
 Certificate of Authorization: #9090  
 Wayne K. Helmila  
 Registration No: 59092

|  |                                 |                        |                |   |
|--|---------------------------------|------------------------|----------------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                                 | THIRD ANGLE PROJECTION |                |   |
| FRACTIONS ± 1/16   | DECIMALS XX ± .03<br>XXX ± .005 | ANGLES ± 1°            |                |   |
| MATERIAL   | ESTIMATED WEIGHT(LB)            | PROJECT NO.            | APPROVALS DATE | <b>S&amp;P USA</b><br>JACKSONVILLE, FLORIDA<br>STXB/STXBRHUL/STXD/STXDRHUL<br>MIAMI DADE<br>B SSERIESMD<br>SCALE: 1:30 DO NOT SCALE DRAWING |
|  | EST. SHIPPING DIMS (INCH)       | DRAWN BY JX            | 3/26/2020      |   |
|  |                                 | CHECKED BY             | ---            | SHEET 1 OF 10   |

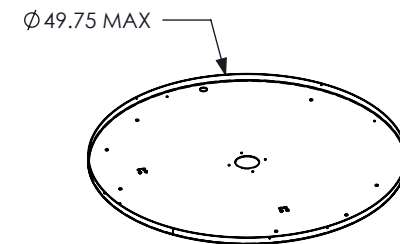
| STXB/STXBRHUL<br>MODEL SIZE | STXD/STXDe<br>MODEL SIZE | STXDRHUL/<br>STXDeRHUL<br>MODEL SIZE | BASE PANEL |               | SHROUD    |                  | WINDBAND  |               |
|-----------------------------|--------------------------|--------------------------------------|------------|---------------|-----------|------------------|-----------|---------------|
|                             |                          |                                      | THICKNESS  | MATERIAL      | THICKNESS | MATERIAL         | THICKNESS | MATERIAL      |
| 08                          | 06-07-08-0825            | -                                    | 0.063      | 3003-H14 ALUM | 0.063     | 3003-O TEMP ALUM | 0.040     | 3003-H14 ALUM |
| 10                          | 10                       | 10                                   | 0.063      | 3003-H14 ALUM | 0.063     | 3003-O TEMP ALUM | 0.040     | 3003-H14 ALUM |
| 12                          | 12                       | 12                                   | 0.063      | 3003-H14 ALUM | 0.063     | 3003-O TEMP ALUM | 0.040     | 3003-H14 ALUM |
| 14                          | 14-1410-1475             | 14-1410-1475                         | 0.063      | 3003-H14 ALUM | 0.063     | 3003-O TEMP ALUM | 0.040     | 3003-H14 ALUM |
| 15/15HP                     | 15-1515-1575             | 15-1515-1575                         | 0.063      | 3003-H14 ALUM | 0.063     | 3003-O TEMP ALUM | 0.040     | 3003-H14 ALUM |
| 16/16HP                     | 16-1615                  | 16-1615                              | 0.063      | 3003-H14 ALUM | 0.063     | 3003-O TEMP ALUM | 0.040     | 3003-H14 ALUM |
| 18/18HP                     | -                        | -                                    | 0.080      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.040     | 3003-H14 ALUM |
| 20/20HP                     | -                        | -                                    | 0.080      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.040     | 3003-H14 ALUM |
| 22/22HP                     | -                        | -                                    | 0.080      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.040     | 3003-H14 ALUM |
| 24/24HP                     | -                        | -                                    | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.040     | 3003-H14 ALUM |
| 27/27HP                     | -                        | -                                    | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.040     | 3003-H14 ALUM |
| 30/30HP                     | -                        | -                                    | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.050     | 3003-H14 ALUM |
| 33/33HP                     | -                        | -                                    | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.050     | 3003-H14 ALUM |
| 36/36HP                     | -                        | -                                    | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM    | 0.050     | 3003-H14 ALUM |
| 42                          | -                        | -                                    | 0.100      | 3003-H14 ALUM | 0.080     | 3003-H14 ALUM    | 0.050     | 3003-H14 ALUM |
| 48                          | -                        | -                                    | 0.100      | 3003-H14 ALUM | 0.080     | 3003-H14 ALUM    | 0.050     | 3003-H14 ALUM |

| STXB/STXBRHUL<br>MODEL SIZE | STXD/STXDe<br>MODEL SIZE | STXDRHUL/<br>STXDeRHUL<br>MODEL SIZE | DRIVE SUPPORT PLATE |           | DRIVE COVER |               | DRIVE COVER CAP |               |
|-----------------------------|--------------------------|--------------------------------------|---------------------|-----------|-------------|---------------|-----------------|---------------|
|                             |                          |                                      | THICKNESS           | MATERIAL  | THICKNESS   | MATERIAL      | THICKNESS       | MATERIAL      |
| 08                          | 06-07-08-0825            | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 10                          | 10                       | 10                                   | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 12                          | 12                       | 12                                   | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 14                          | 14-1410-1475             | 14-1410-1475                         | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 15/15HP                     | 15-1515-1575             | 15-1515-1575                         | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 16/16HP                     | 16-1615                  | 16-1615                              | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 18/18HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 20/20HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 22/22HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.040           | 3003-H14 ALUM |
| 24/24HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.050           | 3003-H14 ALUM |
| 27/27HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.050           | 3003-H14 ALUM |
| 30/30HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.050           | 3003-H14 ALUM |
| 33/33HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.040       | 3003-H14 ALUM | 0.050           | 3003-H14 ALUM |
| 36/36HP                     | -                        | -                                    | 14 GA               | G-90 GALV | 0.050       | 3003-H14 ALUM | 0.050           | 3003-H14 ALUM |
| 42                          | -                        | -                                    | 12 GA               | G-90 GALV | 0.050       | 3003-H14 ALUM | 0.060           | 3003-H14 ALUM |
| 48                          | -                        | -                                    | 12 GA               | G-90 GALV | 0.050       | 3003-H14 ALUM | 0.060           | 3003-H14 ALUM |

| CAD FILE  |             |     |          | SSERIESMD |  | SHEET |  | 2 |
|-----------|-------------|-----|----------|-----------|--|-------|--|---|
| REVISIONS |             |     |          |           |  |       |  |   |
| REV       | DESCRIPTION | BY  | DATE     | ECN       |  |       |  |   |
| A         | RELEASE     | JX  | 9/8/2020 | 2020-100  |  |       |  |   |
| -         | -----       | --- | --/--/-- | -----     |  |       |  |   |
| -         | -----       | --- | --/--/-- | -----     |  |       |  |   |



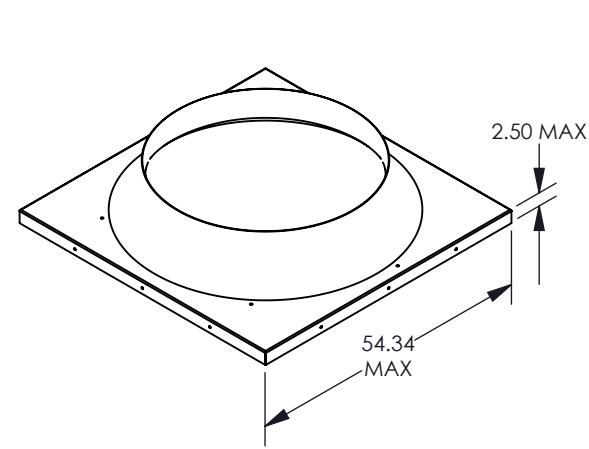
**DRIVE COVER CAP**



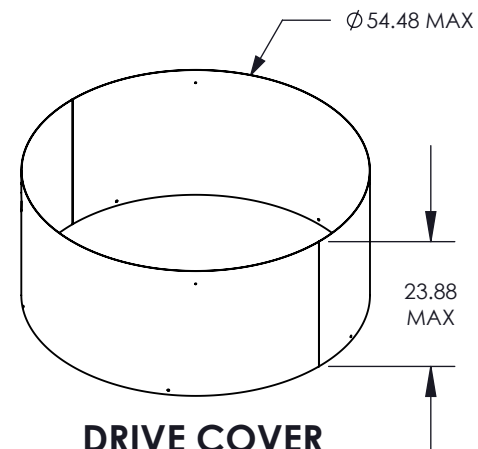
**DRIVE SUPPORT PLATE**

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0526.16  
Expiration Date 12/30/2025  
By [Signature]  
**Miami-Dade Product Control**

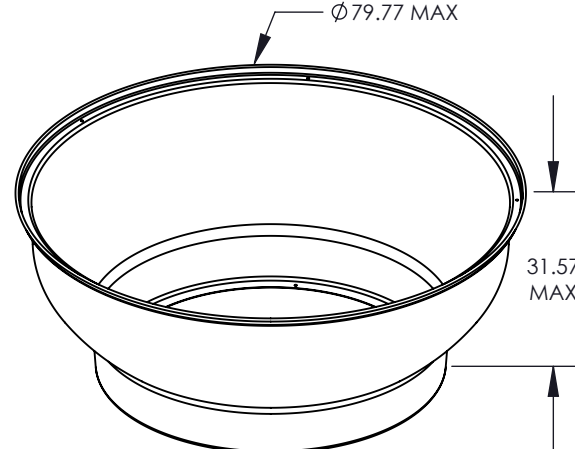
Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.



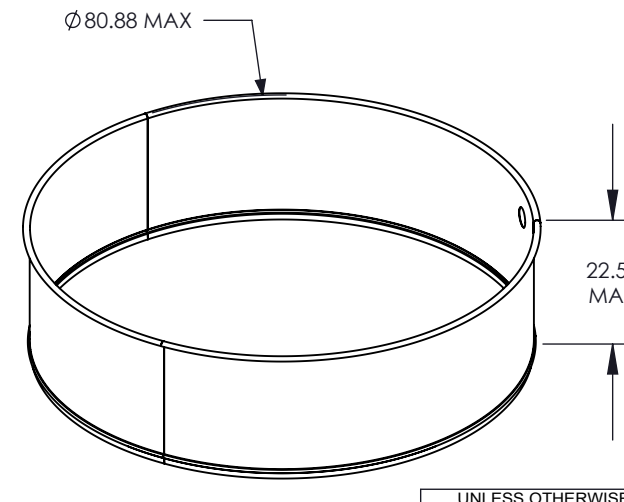
**BASE PANEL**



**DRIVE COVER**



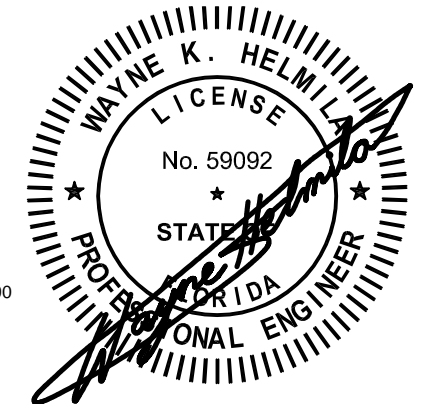
**SHROUD**



**WINDBAND**

**RICE**  
ENGINEERING

105 School Creek Trail  
Luxemburg, WI 54217  
Phone: (920) 617-1042  
Fax: (920) 617-1100  
www.rice-inc.com  
Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
Wayne K. Helmila  
Registration No: 59092



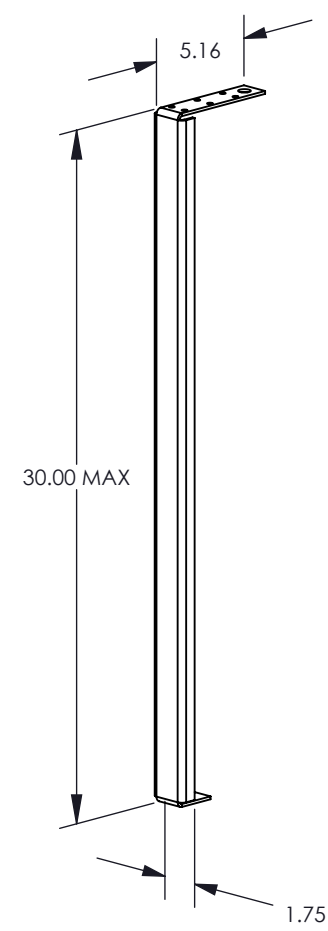
05/11/2021  
COA: 9090

|  |                           |             |                        |           |  |
|--|---------------------------|-------------|------------------------|-----------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                           |             | THIRD ANGLE PROJECTION |           |  |
| FRACTIONS  | DECIMALS                  | ANGLES      |                        |           |  |
| ± 1/16   | XX ± .03<br>XXX ± .005    | ± 1°        |                        |           | <b>S&amp;P USA</b><br>JACKSONVILLE, FLORIDA<br>STXB/STXBRHUL/STXD/STXDRHUL<br>MIAMI DADE |
| MATERIAL   | ESTIMATED WEIGHT(LB)      | PROJECT NO. | APPROVALS              | DATE      | <b>B SSERIESMD</b><br>SCALE: 1:30 DO NOT SCALE DRAWING                                   |
|  | EST. SHIPPING DIMS (INCH) | DRAWN BY    | JX                     | 3/26/2020 | REV. <b>A</b><br>SHEET 2 OF 10   |
|  |                           | CHECKED BY  |                        |           |  |



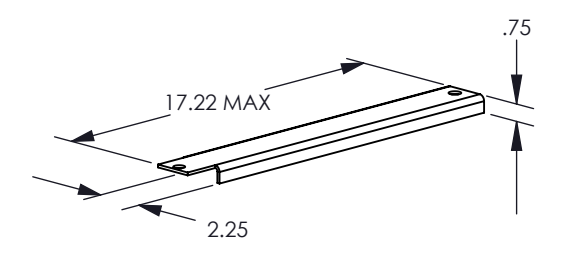
| STXB/STXBRHUL<br>MODEL SIZE | STXD/STXDe<br>MODEL SIZE | STXDRHUL/<br>STXDeRHUL<br>MODEL SIZE | TIE DOWN BRACKET |           |               | TIE DOWN CABLE |                 |
|-----------------------------|--------------------------|--------------------------------------|------------------|-----------|---------------|----------------|-----------------|
|                             |                          |                                      | QTY              | THICKNESS | MATERIAL      | QTY            | MATERIAL        |
| 08                          | 06-07-08-0825            | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 10                          | 10                       | 10                                   | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 12                          | 12                       | 12                                   | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 14                          | 14-1410-1475             | 14-1410-1475                         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 15/15HP                     | 15-1515-1575             | 15-1515-1575                         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 16/16HP                     | 16-1615                  | 16-1615                              | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 18/18HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 20/20HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 22/22HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 24/24HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 27/27HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 30/30HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 33/33HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 36/36HP                     | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 42                          | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |
| 48                          | -                        | -                                    | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE |

| STXB/STXBRHUL<br>MODEL SIZE | STXD/STXDe<br>MODEL SIZE | STXDRHUL/<br>STXDeRHUL<br>MODEL SIZE | HORIZONTAL LEG SUPPORT |           |           | VERTICAL LEG SUPPORT |           |           |
|-----------------------------|--------------------------|--------------------------------------|------------------------|-----------|-----------|----------------------|-----------|-----------|
|                             |                          |                                      | QTY                    | THICKNESS | MATERIAL  | QTY                  | THICKNESS | MATERIAL  |
| 08                          | 06-07-08-0825            | -                                    | 4                      | 14 GA     | G-90 GALV | 4                    | 14 GA     | G-90 GALV |
| 10                          | 10                       | 10                                   | 4                      | 14 GA     | G-90 GALV | 4                    | 14 GA     | G-90 GALV |
| 12                          | 12                       | 12                                   | 4                      | 14 GA     | G-90 GALV | 4                    | 14 GA     | G-90 GALV |
| 14                          | 14-1410-1475             | 14-1410-1475                         | 4                      | 14 GA     | G-90 GALV | 4                    | 14 GA     | G-90 GALV |
| 15/15HP                     | 15-1515-1575             | 15-1515-1575                         | 4                      | 14 GA     | G-90 GALV | 4                    | 14 GA     | G-90 GALV |
| 16/16HP                     | 16-1615                  | 16-1615                              | 4                      | 14 GA     | G-90 GALV | 4                    | 14 GA     | G-90 GALV |
| 18/18HP                     | -                        | -                                    | 6                      | 14 GA     | G-90 GALV | 6                    | 14 GA     | G-90 GALV |
| 20/20HP                     | -                        | -                                    | 6                      | 14 GA     | G-90 GALV | 6                    | 14 GA     | G-90 GALV |
| 22/22HP                     | -                        | -                                    | 6                      | 14 GA     | G-90 GALV | 6                    | 14 GA     | G-90 GALV |
| 24/24HP                     | -                        | -                                    | 6                      | 14 GA     | G-90 GALV | 6                    | 14 GA     | G-90 GALV |
| 27/27HP                     | -                        | -                                    | 6                      | 14 GA     | G-90 GALV | 6                    | 14 GA     | G-90 GALV |
| 30/30HP                     | -                        | -                                    | 6                      | 12 GA     | G-90 GALV | 6                    | 12 GA     | G-90 GALV |
| 33/33HP                     | -                        | -                                    | 6                      | 12 GA     | G-90 GALV | 6                    | 12 GA     | G-90 GALV |
| 36/36HP (<10HP)             | -                        | -                                    | 5                      | 12 GA     | G-90 GALV | 5                    | 12 GA     | G-90 GALV |
| 36/36HP (10HP)              | -                        | -                                    | 7                      | 12 GA     | G-90 GALV | 7                    | 12 GA     | G-90 GALV |
| 42                          | -                        | -                                    | 5                      | 12 GA     | G-90 GALV | 5                    | 12 GA     | G-90 GALV |
| 48 (<10HP)                  | -                        | -                                    | 5                      | 12 GA     | G-90 GALV | 5                    | 12 GA     | G-90 GALV |
| 48 (10HP)                   | -                        | -                                    | 7                      | 12 GA     | G-90 GALV | 7                    | 12 GA     | G-90 GALV |

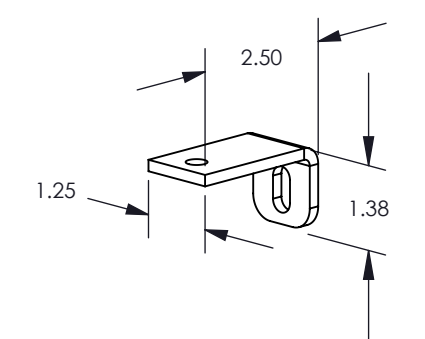


**VERTICAL LEG SUPPORT**

| CAD FILE  |             |     |          | SSERIESMD |  | SHEET 3 |  |
|-----------|-------------|-----|----------|-----------|--|---------|--|
| REVISIONS |             |     |          |           |  |         |  |
| REV       | DESCRIPTION | BY  | DATE     | ECN       |  |         |  |
| A         | RELEASE     | JX  | 9/8/2020 | 2020-100  |  |         |  |
| --        | -----       | --- | --/--/-- | -----     |  |         |  |
| --        | -----       | --- | --/--/-- | -----     |  |         |  |



**HORIZONTAL LEG SUPPORT**



**TIE DOWN BRACKET**

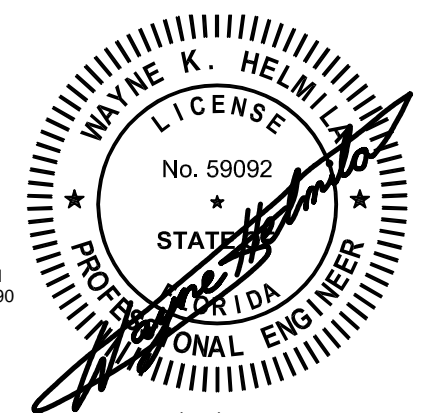
Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.



**TIE DOWN CABLE**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 21-0526.16  
Expiration Date 12/30/2025  
By *[Signature]*  
Miami-Dade Product Control

**RICE ENGINEERING**  
105 School Creek Trail  
Luxemburg, WI 54217  
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Fax: (920) 617-1100  
www.rice-inc.com  
Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
Wayne K. Helmila  
Registration No: 59092



05/11/2021  
COA: 9090

|  |                                    |                   |                        |           |   |
|--|------------------------------------|-------------------|------------------------|-----------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                                    |                   | THIRD ANGLE PROJECTION |           |   |
| FRACTIONS<br>± 1/16  | DECIMALS<br>XX ± .03<br>XXX ± .005 | ANGLES<br>± 1°    |                        |           |   |
| MATERIAL   | ESTIMATED WEIGHT(LB)               | PROJECT NO.       | APPROVALS              | DATE      | <b>JACKSONVILLE, FLORIDA</b><br><b>STXB/STXBRHUL/STXD/STXDRHUL</b><br><b>MIAMI DADE</b> |
|  | EST. SHIPPING DIMS (INCH)          | DRAWN BY<br>JX    |                        | 3/26/2020 |   |
|  |                                    | CHECKED BY<br>--- |                        | ---       |   |
| SCALE: 1:10 DO NOT SCALE DRAWING                                   |                                    |                   |                        |           | SHEET 3 OF 10   |

| SDB MODEL SIZE | A       | B        | C       | D      | E     | F       | G        | H  | J  | K | L | WEIGHT (LBS) |
|----------------|---------|----------|---------|--------|-------|---------|----------|----|----|---|---|--------------|
| 6              | 18      | 30-1/8   | 25      | 3-3/8  | 2     | 22      | 33-1/8   | 10 | 8  | - | 4 | 111          |
| 7              | 18      | 30-1/8   | 25      | 3-3/8  | 2     | 22      | 33-1/8   | 10 | 8  | - | 4 | 111          |
| 8              | 18      | 30-1/8   | 25      | 3-3/8  | 2     | 22      | 33-1/8   | 10 | 8  | - | 4 | 114          |
| 10             | 18      | 30-1/8   | 25      | 3-3/8  | 2     | 22      | 33-1/8   | 10 | 8  | - | 4 | 115          |
| 12             | 20      | 31-11/16 | 27-5/8  | 3-7/8  | 2     | 24      | 34-11/16 | 12 | 8  | - | 4 | 128          |
| 14             | 20      | 31-11/16 | 27-5/8  | 3-7/8  | 2     | 24      | 34-11/16 | 12 | 8  | - | 4 | 135          |
| 15             | 24      | 32-1/2   | 32-7/8  | 4      | 2     | 28      | 35-1/2   | 14 | 8  | - | 4 | 151          |
| 16             | 24      | 32-1/2   | 32-7/8  | 4      | 2     | 28      | 35-1/2   | 14 | 8  | - | 4 | 151          |
| 18             | 30      | 36-3/8   | 39-3/16 | 4-5/8  | 2     | 34      | 39-3/8   | 16 | 10 | 4 | 6 | 217          |
| 20             | 30      | 38-5/16  | 45      | 6-1/8  | 2     | 34      | 41-5/16  | 16 | 10 | 6 | 6 | 233          |
| 22             | 30      | 38-5/16  | 45      | 6-1/8  | 2     | 34      | 41-5/16  | 16 | 10 | 6 | 6 | 233          |
| 24             | 36      | 46-5/8   | 49-3/8  | 6      | 2     | 40      | 49-5/8   | 20 | 10 | 6 | 6 | 349          |
| 27             | 36      | 49-1/16  | 49-3/8  | 8-1/2  | 2     | 40      | 52-1/16  | 20 | 10 | 6 | 6 | 357          |
| 30             | 42      | 50-1/4   | 56      | 7-3/8  | 2     | 46      | 53-1/4   | 22 | 10 | 6 | 6 | 465          |
| 33             | 42      | 50-1/4   | 56      | 7-3/8  | 2     | 46      | 53-1/4   | 22 | 10 | 6 | 6 | 467          |
| 36             | 42-5/16 | 48-7/8   | 64-1/4  | 7      | 2-1/2 | 46-5/16 | 51-7/8   | 24 | 10 | 5 | 5 | 541          |
| 42             | 54-1/4  | 54-7/8   | 71-3/16 | 11-1/2 | 2-1/2 | 58-1/4  | 57-7/8   | 28 | 10 | 5 | 5 | 744          |
| 48             | 54-1/4  | 58-1/8   | 78-3/16 | 12-7/8 | 2-1/2 | 58-1/4  | 61-1/8   | 30 | 10 | 5 | 5 | 789          |

|           |             |           |          |          |   |
|-----------|-------------|-----------|----------|----------|---|
| CAD FILE  |             | SSERIESMD |          | SHL      | 4 |
| REVISIONS |             |           |          |          |   |
| REV       | DESCRIPTION | BY        | DATE     | ECN      |   |
| A         | RELEASE     | JX        | 9/8/2020 | 2020-100 |   |
| --        | -----       | --        | --/--    | -----    |   |
| --        | -----       | --        | --/--    | -----    |   |

| DESIGN PRESSURE LOAD RATING |                     |
|-----------------------------|---------------------|
| SDB SIZE                    | PRESSURE LOAD (PSF) |
| 6 - 22                      | ± 150               |
| 24 - 48                     | ± 80                |



05/11/2021  
COA: 9090

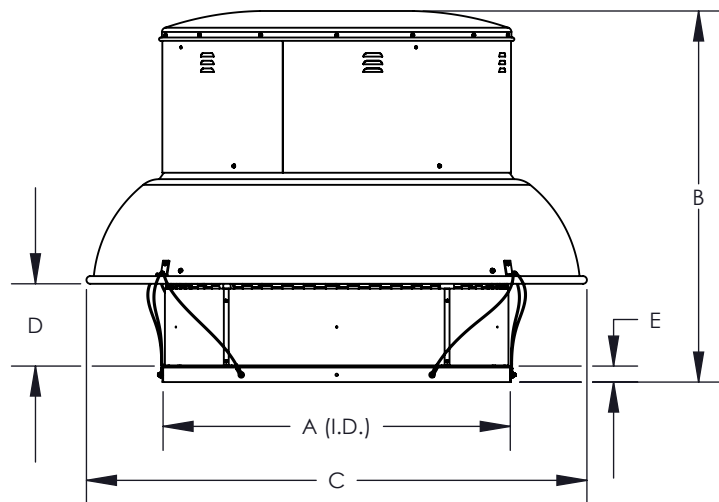
**NOTES:**

- MODEL SDB(D/e) HAVE BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE/MIAMI DADE TEST PROTOCOL TAS 201 (LARGE IMPACT) AND TAS 202 (STATIC PRESSURE LOADING).
- THIS APPROVAL IS FOR THE STRUCTURAL PERFORMANCE AND IMPACT RESISTANCE ONLY. INTERIOR MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS APPROVAL.
- THIS FAN/VENT HAS NOT BEEN TESTED FOR WATER PENETRATION ACCORDING TO FLORIDA BUILDING CODE, TAS 100(A) WIND DRIVEN RAIN TEST. IT CANNOT BE INSTALLED WITHIN THE RIDGE AREA FBC 1523.6.5.2.13.
- DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
- ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY THE FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
- FAN CURBS MUST BE ANCHORED TO ROOF FRAMING MEMBERS.

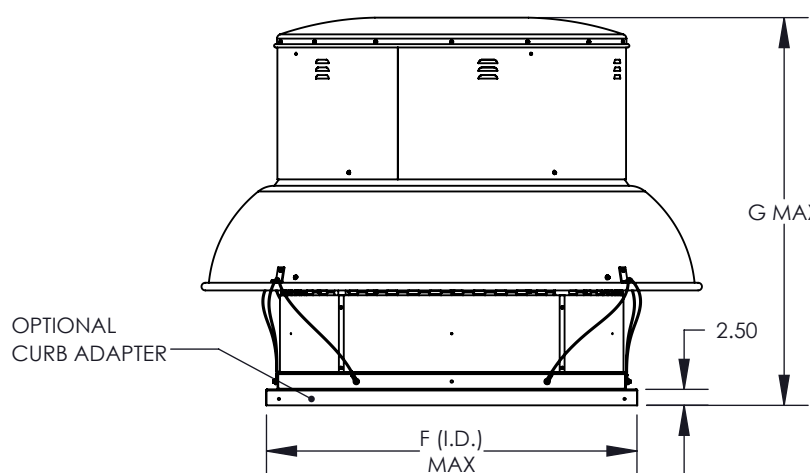
Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Proseco Liquid Flashing or equal.

**RICE ENGINEERING**

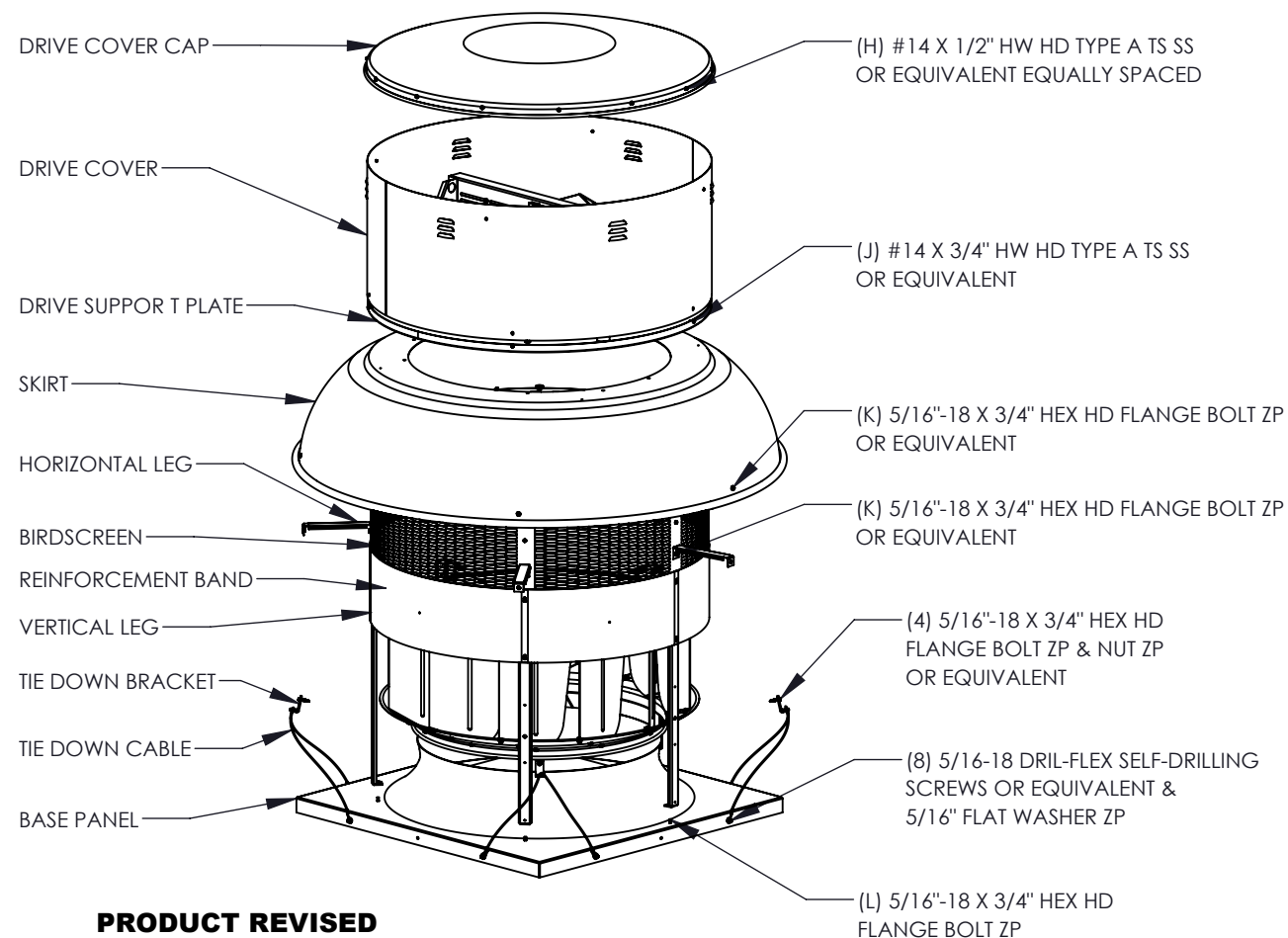
105 School Creek Trail  
Luxemburg, WI 54217  
Phone: (920) 617-1042  
Fax: (920) 617-1100  
www.rice-inc.com  
Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
Wayne K. Helmila  
Registration No: 59092



**STANDARD FAN**



**FAN W/ OPTIONAL CURB ADAPTER**



**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 21-0526.16  
Expiration Date 12/30/2025  
By *[Signature]*  
Miami-Dade Product Control

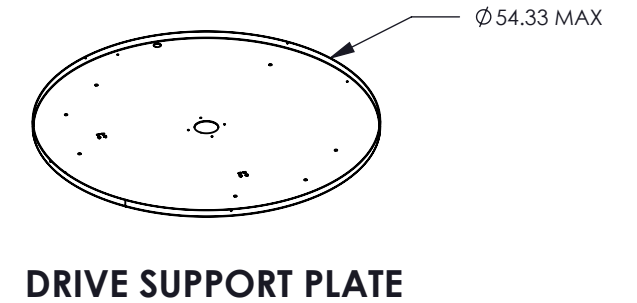
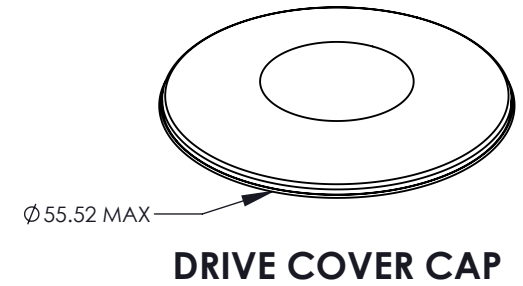
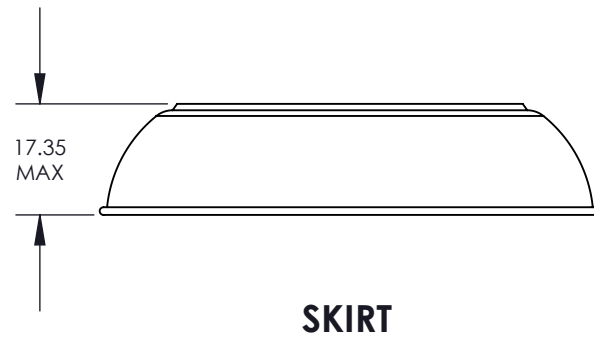
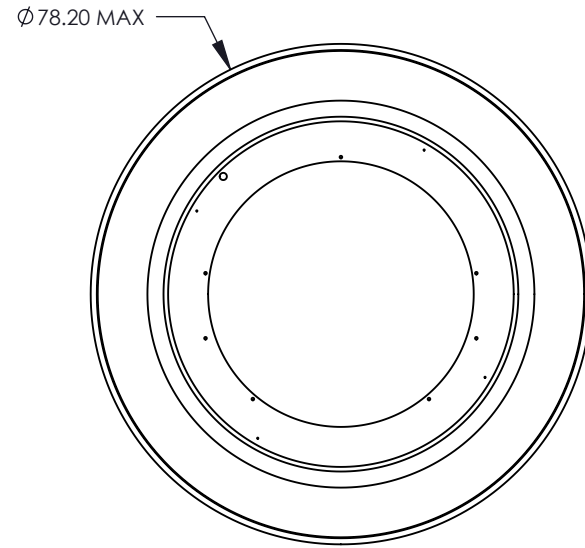
|  |                                    |                                  |                |
|--|------------------------------------|----------------------------------|----------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                                    | THIRD ANGLE PROJECTION           |                |
| FRACTIONS<br>± 1/16  | DECIMALS<br>XX ± .03<br>XXX ± .005 | ANGLES<br>± 1°                   |                |
| MATERIAL   | ESTIMATED WEIGHT(LB)               | PROJECT NO.                      | APPROVALS DATE |
|  |                                    |                                  |                |
|  | EST. SHIPPING DIMS (INCH)          | DRAWN BY<br>JX                   | 3/26/2020      |
|  |                                    | CHECKED BY                       | --/--          |
|  |                                    | SIZE PART NO. B SSERIESMD        |                |
|  |                                    | SCALE: 1:30 DO NOT SCALE DRAWING |                |
|  |                                    | SHEET 4 OF 10                    |                |

**S&P USA**

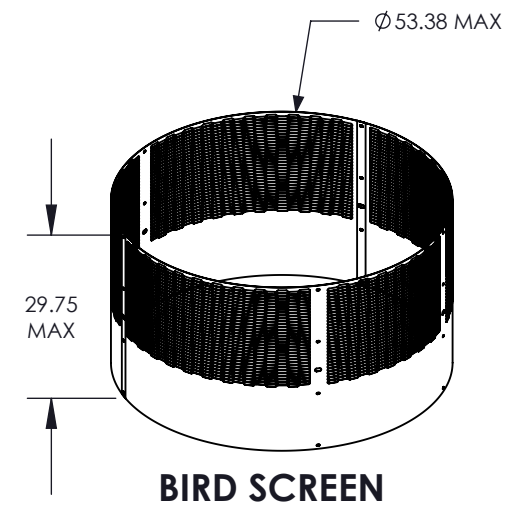
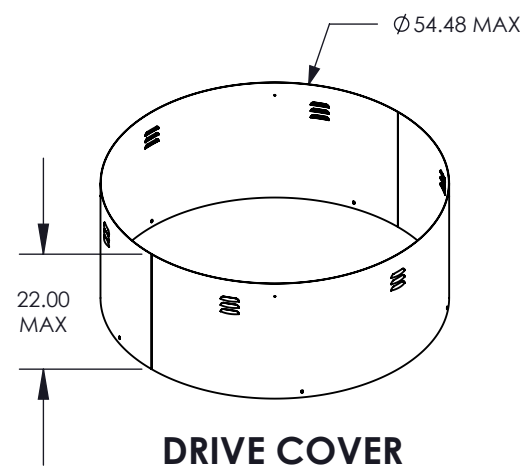
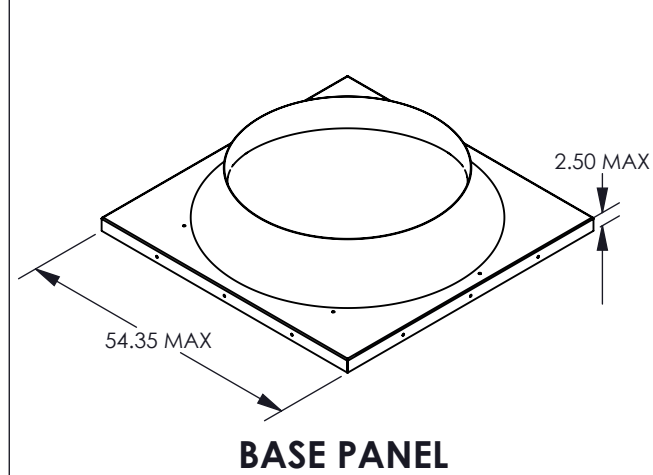
JACKSONVILLE, FLORIDA  
SDB MIAMI DADE

| SDB MODEL SIZE | BASE PANEL |               | SKIRT     |               | DRIVE COVER |               |
|----------------|------------|---------------|-----------|---------------|-------------|---------------|
|                | THICKNESS  | MATERIAL      | THICKNESS | MATERIAL      | THICKNESS   | MATERIAL      |
| 6              | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 7              | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 8              | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 10             | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 12             | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 14             | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 15             | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 16             | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 18             | 0.080      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 20             | 0.080      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 22             | 0.080      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 24             | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 27             | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 30             | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 33             | 0.090      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM |
| 36             | 0.090      | 3003-H14 ALUM | 0.080     | 3003-H14 ALUM | 0.050       | 3003-H14 ALUM |
| 42             | 0.100      | 3003-H14 ALUM | 0.080     | 3003-H14 ALUM | 0.050       | 3003-H14 ALUM |
| 48             | 0.100      | 3003-H14 ALUM | 0.100     | 3003-H14 ALUM | 0.050       | 3003-H14 ALUM |

| SDB MODEL SIZE | BIRD SCREEN |               | DRIVE SUPPORT PLATE |           | DRIVE COVER CAP |               |
|----------------|-------------|---------------|---------------------|-----------|-----------------|---------------|
|                | THICKNESS   | MATERIAL      | THICKNESS           | MATERIAL  | THICKNESS       | MATERIAL      |
| 6              | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 7              | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 8              | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 10             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 12             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 14             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 15             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 16             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 18             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 20             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 22             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.040           | 3003-H14 ALUM |
| 24             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.050           | 3003-H14 ALUM |
| 27             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.050           | 3003-H14 ALUM |
| 30             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.050           | 3003-H14 ALUM |
| 33             | 0.040       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.050           | 3003-H14 ALUM |
| 36             | 0.050       | 3003-H14 ALUM | 14 GA               | G-90 GALV | 0.050           | 3003-H14 ALUM |
| 42             | 0.050       | 3003-H14 ALUM | 12 GA               | G-90 GALV | 0.063           | 3003-H14 ALUM |
| 48             | 0.050       | 3003-H14 ALUM | 12 GA               | G-90 GALV | 0.063           | 3003-H14 ALUM |

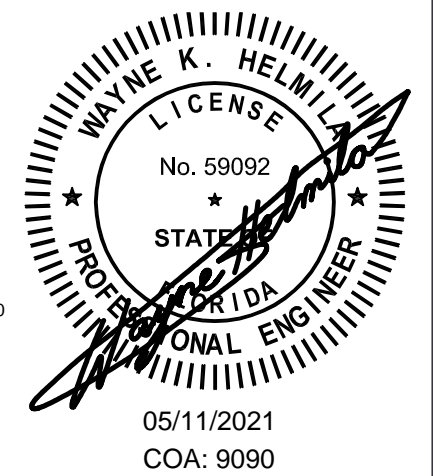


Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.



**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 21-0526.16  
Expiration Date 12/30/2025  
By *[Signature]*  
Miami-Dade Product Control

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Florida Firm No: F-01000005061  
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Registration No: 59092



|  |                                    |                        |           |           |   |
|--|------------------------------------|------------------------|-----------|-----------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                                    | THIRD ANGLE PROJECTION |           |           | <b>S&amp;P USA</b><br>JACKSONVILLE, FLORIDA<br>SDB MIAMI DADE |
| FRACTIONS<br>± 1/16  | DECIMALS<br>XX ± .03<br>XXX ± .005 | ANGLES<br>± 1°         |           |           |   |
| MATERIAL   | ESTIMATED WEIGHT(LB)               | PROJECT NO.            | APPROVALS | DATE      | <b>B SSERIESMD</b><br>SCALE: 1:30 DO NOT SCALE DRAWING        |
|  | EST. SHIPPING DIMS (INCH)          | DRAWN BY<br>JX         |           | 3/26/2020 |   |
|  |                                    | CHECKED BY<br>---      |           | ---       |   |

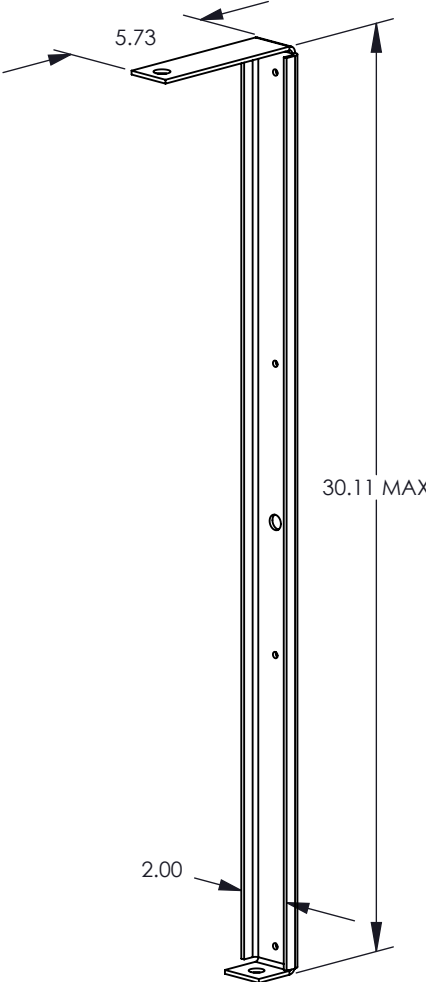
| SDB MODEL SIZE | VERTICAL LEG |           |           | HORIZONTAL LEG |           |           | TIE DOWN BRACKET |           |               | TIE DOWN CABLE |                 | REINFORCEMENT BAND ASSEMBLY |           |           |
|----------------|--------------|-----------|-----------|----------------|-----------|-----------|------------------|-----------|---------------|----------------|-----------------|-----------------------------|-----------|-----------|
|                | QTY          | THICKNESS | MATERIAL  | QTY            | THICKNESS | MATERIAL  | QTY              | THICKNESS | MATERIAL      | QTY            | MATERIAL        | QTY                         | THICKNESS | MATERIAL  |
| 6              | 4            | 14 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 7              | 4            | 14 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 8              | 4            | 14 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 10             | 4            | 14 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 12             | 4            | 14 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 14             | 4            | 14 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 15             | 4            | 12 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 16             | 4            | 12 GA     | G-90 GALV | -              | -         | -         | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 18             | 6            | 12 GA     | G-90 GALV | 6              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 20             | 6            | 12 GA     | G-90 GALV | 6              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 22             | 6            | 12 GA     | G-90 GALV | 6              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 24             | 6            | 12 GA     | G-90 GALV | 6              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 27             | 6            | 12 GA     | G-90 GALV | 6              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 30             | 6            | 12 GA     | G-90 GALV | 6              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 33             | 6            | 12 GA     | G-90 GALV | 6              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 36             | 5            | 10 GA     | G-90 GALV | 5              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 42             | 5            | 10 GA     | G-90 GALV | 5              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 48             | 5            | 10 GA     | G-90 GALV | 5              | 12 GA     | G-90 GALV | 4                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |

| CAD FILE  |             | SSERIESMD |          | SHL      | 6 |
|-----------|-------------|-----------|----------|----------|---|
| REVISIONS |             |           |          |          |   |
| REV       | DESCRIPTION | BY        | DATE     | ECN      |   |
| A         | RELEASE     | JX        | 9/8/2020 | 2020-100 |   |
| --        | -----       | ---       | --/--/-- | -----    |   |
| --        | -----       | ---       | --/--/-- | -----    |   |

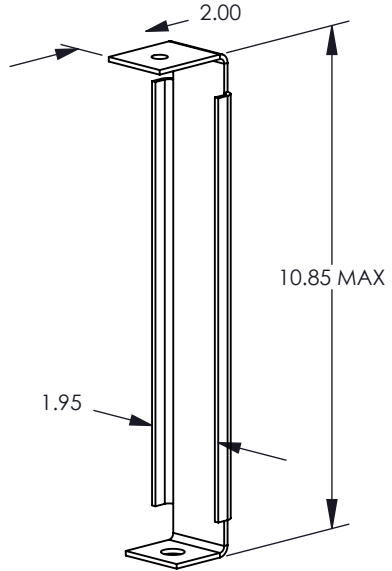


**TIE DOWN CABLE**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 21-0526.16  
Expiration Date 12/30/2025  
By [Signature]  
Miami-Dade Product Control

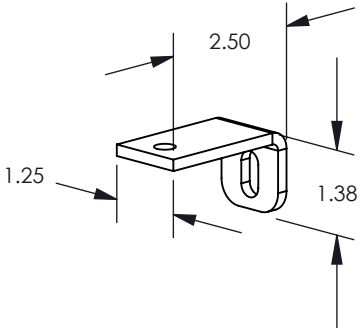


**VERTICAL LEG**

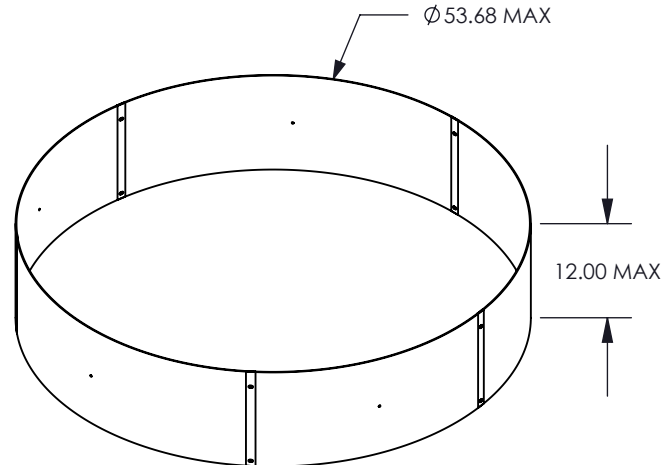


**HORIZONTAL LEG**

Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.

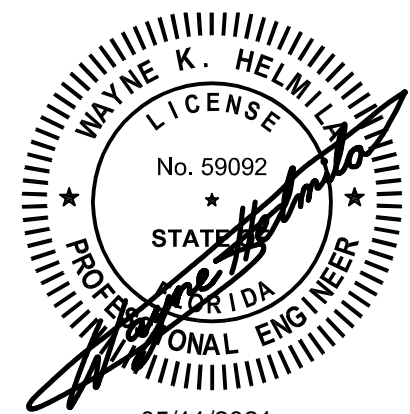


**TIE DOWN BRACKET**



**REINFORCEMENT BAND ASSEMBLY**

**RICE ENGINEERING**  
105 School Creek Trail  
Luxemburg, WI 54217  
Phone: (920) 617-1042  
Fax: (920) 617-1100  
www.rice-inc.com  
Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
Wayne K. Helmila  
Registration No: 59092



05/11/2021  
COA: 9090

|  |                                    |                |                        |           |   |
|--|------------------------------------|----------------|------------------------|-----------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                                    |                | THIRD ANGLE PROJECTION |           |   |
| FRACTIONS<br>± 1/16  | DECIMALS<br>XX ± .03<br>XXX ± .005 | ANGLES<br>± 1° |                        |           |   |
| MATERIAL   | ESTIMATED WEIGHT(LB)               | PROJECT NO.    | APPROVALS              | DATE      | <b>S&amp;P USA</b><br>JACKSONVILLE, FLORIDA<br>SDB MIAMI DADE |
|  | EST. SHIPPING DIMS (INCH)          | DRAWN BY<br>JX | CHECKED BY<br>---      | 3/26/2020 |   |
| SCALE: 1:10 DO NOT SCALE DRAWING                                   |                                    |                |                        |           | SHEET 6 OF 10   |

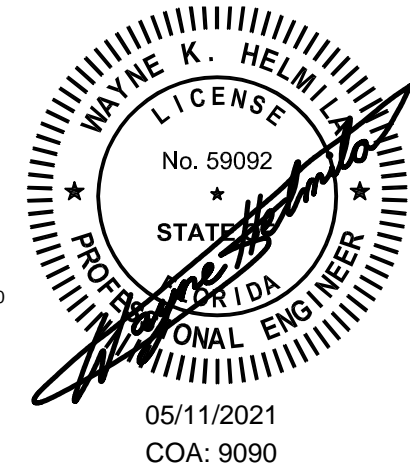


| SDBD/SDBDe MODEL SIZE | A  | B        | C       | D     | E | F  | G        | H | J | WEIGHT (LBS) |
|-----------------------|----|----------|---------|-------|---|----|----------|---|---|--------------|
| 06/06C                | 18 | 14-1/8   | 22-5/16 | 1-1/2 | 2 | 22 | 17-1/8   | 4 | 4 | 27           |
| 07                    | 18 | 16-13/16 | 22-5/16 | 4-1/8 | 2 | 22 | 19-13/16 | 4 | 4 | 30           |
| 08                    | 18 | 20-1/2   | 22-5/16 | 4-1/8 | 2 | 22 | 23-1/2   | 4 | 4 | 42           |
| 10                    | 18 | 20-1/2   | 22-5/16 | 5-1/8 | 2 | 22 | 23-1/2   | 4 | 4 | 46           |
| 12                    | 20 | 27-5/16  | 27-5/8  | 3-7/8 | 2 | 24 | 30-5/16  | 4 | 4 | 105          |
| 14/1410/1475          | 20 | 27-5/16  | 27-5/8  | 3-7/8 | 2 | 24 | 30-5/16  | 4 | 4 | 112          |
| 15/1515/1575          | 24 | 28       | 32-7/8  | 4     | 2 | 28 | 31       | 4 | 4 | 136          |
| 16/1615               | 24 | 28       | 32-7/8  | 4     | 2 | 28 | 31       | 4 | 4 | 136          |

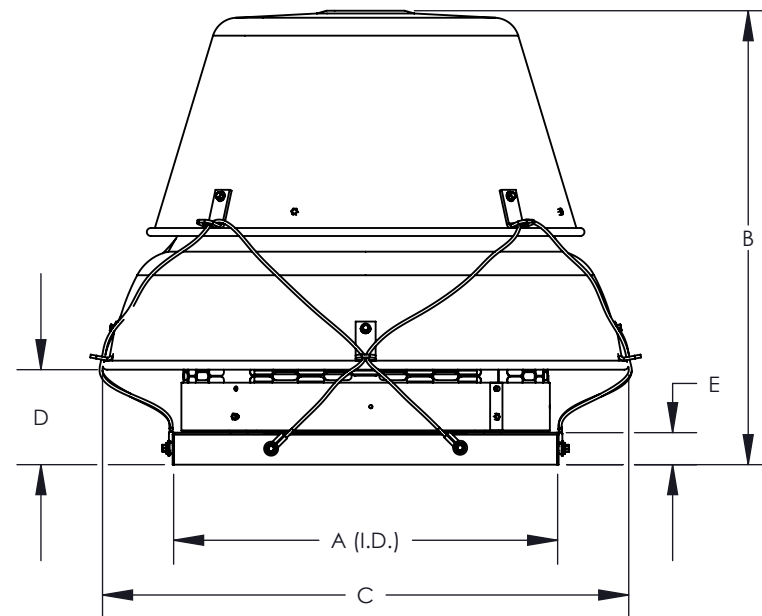
| DESIGN PRESSURE LOAD RATING |                     |
|-----------------------------|---------------------|
| SDBD/e SIZE                 | PRESSURE LOAD (PSF) |
| 06 - 16                     | ± 150               |

| CAD FILE  |             |    |          | SSERIESMD |  | SHEET |  | 7 |  |
|-----------|-------------|----|----------|-----------|--|-------|--|---|--|
| REVISIONS |             |    |          |           |  |       |  |   |  |
| REV       | DESCRIPTION | BY | DATE     | ECN       |  |       |  |   |  |
| A         | RELEASE     | JX | 9/8/2020 | 2020-100  |  |       |  |   |  |
| --        | -----       | -- | --/--    | -----     |  |       |  |   |  |
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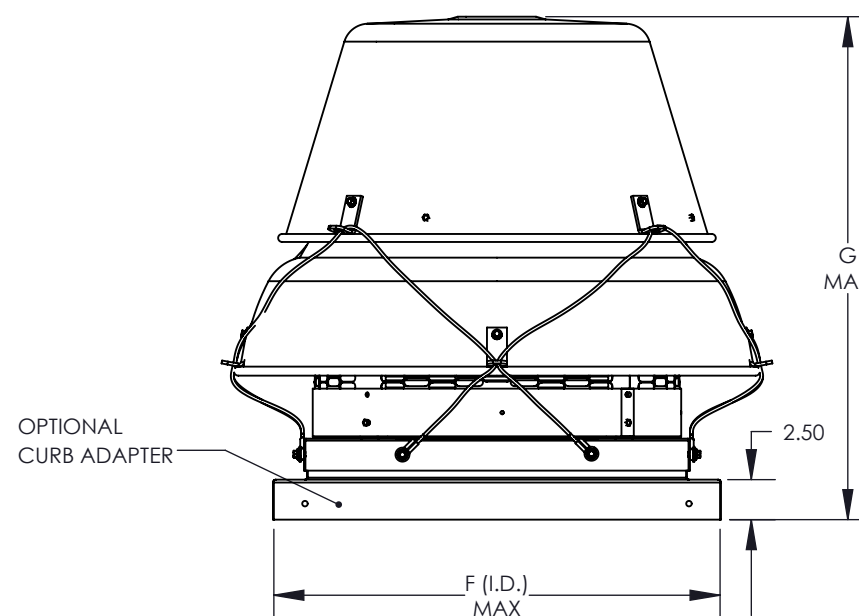
**RICE**  
ENGINEERING  
105 School Creek Trail  
Luxemburg, WI 54217  
Phone: (920) 617-1042  
Fax: (920) 617-1100  
www.rice-inc.com  
Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
Wayne K. Helmila  
Registration No: 59092



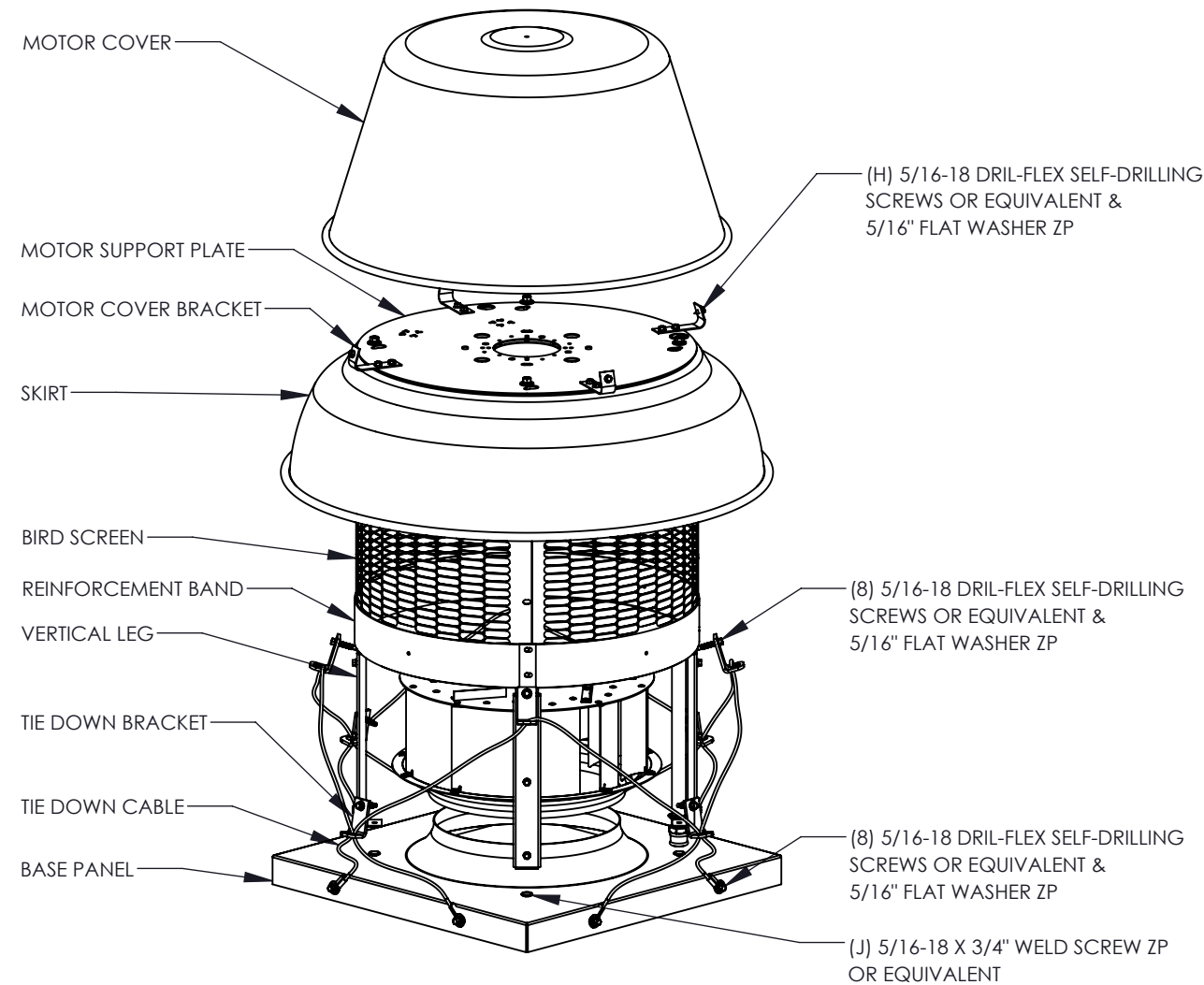
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 21-0526.16  
Expiration Date 12/30/2025  
By [Signature]  
Miami-Dade Product Control



**STANDARD FAN**



**FAN W/ OPTIONAL CURB ADAPTER**



**NOTES:**

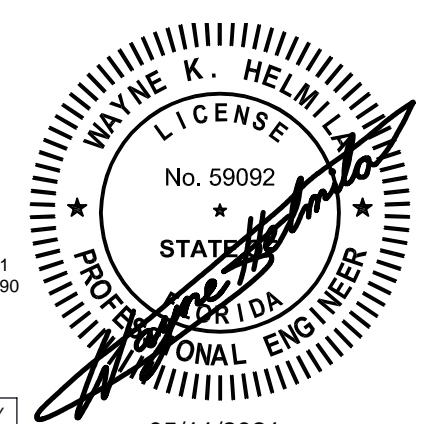
- MODEL SDB(D/e) HAVE BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE/MIAMI DADE TEST PROTOCOL TAS 201 (LARGE IMPACT) AND TAS 202 (STATIC PRESSURE LOADING).
- THIS APPROVAL IS FOR THE STRUCTURAL PERFORMANCE AND IMPACT RESISTANCE ONLY. INTERIOR MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS APPROVAL.
- THIS FAN/VENT HAS NOT BEEN TESTED FOR WATER PENETRATION ACCORDING TO FLORIDA BUILDING CODE, TAS 100(A) WIND DRIVEN RAIN TEST. IT CANNOT BE INSTALLED WITHIN THE RIDGE AREA FBC 1523.6.5.2.13.
- DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
- ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY THE FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
- FAN CURBS MUST BE ANCHORED TO ROOF FRAMING MEMBERS.

Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.

|  |                           |             |            |                        |                                  |                    |  |
|--|---------------------------|-------------|------------|------------------------|----------------------------------|--------------------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                           |             |            | THIRD ANGLE PROJECTION |                                  | <b>S&amp;P USA</b> |  |
| FRACTIONS  | DECIMALS                  | ANGLES      |            |                        | JACKSONVILLE, FLORIDA            |                    |  |
| ± 1/16   | XX ± .03                  | ± 1°        |            |                        | SDBD/SDBDe MIAMI DADE            |                    |  |
| MATERIAL   | ESTIMATED WEIGHT(LB)      | PROJECT NO. | APPROVALS  | DATE                   | SIZE PART NO.                    |                    |  |
|  |                           |             | JX         | 3/26/2020              | B SSERIESMD                      |                    |  |
|  | EST. SHIPPING DIMS (INCH) | DRAWN BY    | CHECKED BY |                        | SCALE: 1:12 DO NOT SCALE DRAWING |                    |  |
|  |                           |             |            |                        | SHEET 7 OF 10                    |                    |  |

| SDBD/SDBDe<br>MODEL SIZE | BASE PANEL |               | SKIRT     |               | MOTOR COVER |               | BIRD SCREEN |               | SKIRT STIFFENING PLATE |           |
|--------------------------|------------|---------------|-----------|---------------|-------------|---------------|-------------|---------------|------------------------|-----------|
|                          | THICKNESS  | MATERIAL      | THICKNESS | MATERIAL      | THICKNESS   | MATERIAL      | THICKNESS   | MATERIAL      | THICKNESS              | MATERIAL  |
| 06/06C                   | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.063       | 3003-H14 ALUM | 0.063       | 3003-H14 ALUM | 16 GA                  | G-90 GALV |
| 07                       | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.063       | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM | 16 GA                  | G-90 GALV |
| 08                       | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.063       | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM | 16 GA                  | G-90 GALV |
| 10                       | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.063       | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM | 16 GA                  | G-90 GALV |
| 12                       | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.080       | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM | 14 GA                  | G-90 GALV |
| 14/1410/1475             | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.080       | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM | 14 GA                  | G-90 GALV |
| 15/1515/1575             | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.080       | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM | 14 GA                  | G-90 GALV |
| 16/1615                  | 0.063      | 3003-H14 ALUM | 0.063     | 3003-H14 ALUM | 0.080       | 3003-H14 ALUM | 0.040       | 3003-H14 ALUM | 14 GA                  | G-90 GALV |

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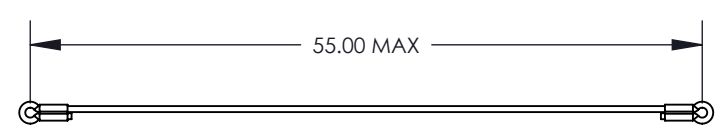


05/11/2021  
COA: 9090

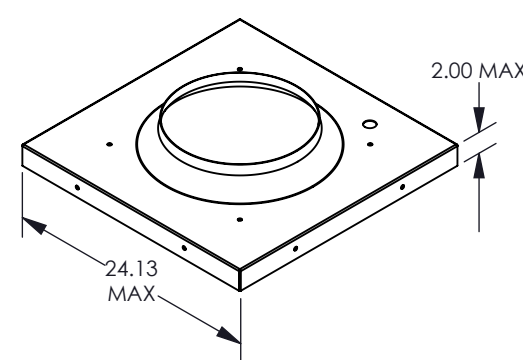
| CAD FILE  |             |     |          | SSERIESMD |  | SHEET |  | 8 |  |
|-----------|-------------|-----|----------|-----------|--|-------|--|---|--|
| REVISIONS |             |     |          |           |  |       |  |   |  |
| REV       | DESCRIPTION | BY  | DATE     | ECN       |  |       |  |   |  |
| A         | RELEASE     | JX  | 9/8/2020 | 2020-100  |  |       |  |   |  |
| --        | -----       | --- | --/--/-- | -----     |  |       |  |   |  |
| --        | -----       | --- | --/--/-- | -----     |  |       |  |   |  |

Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.

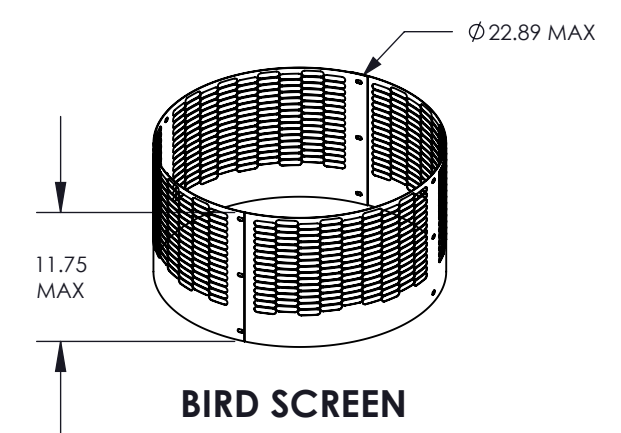
| SDBD/SDBDe<br>MODEL SIZE | VERTICAL LEG |           |               | MOTOR COVER BRACKET |           |               | TIE DOWN BRACKET |           |               | TIE DOWN CABLE |                 | REINFORCEMENT BAND ASSEMBLY |           |           |
|--------------------------|--------------|-----------|---------------|---------------------|-----------|---------------|------------------|-----------|---------------|----------------|-----------------|-----------------------------|-----------|-----------|
|                          | QTY          | THICKNESS | MATERIAL      | QTY                 | THICKNESS | MATERIAL      | QTY              | THICKNESS | MATERIAL      | QTY            | MATERIAL        | QTY                         | THICKNESS | MATERIAL  |
| 06/06C                   | 4            | 10 GA     | 3003-H14 ALUM | 4                   | 0.090     | 3003-H14 ALUM | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 07                       | 4            | 10 GA     | 3003-H14 ALUM | 4                   | 0.090     | 3003-H14 ALUM | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 08                       | 4            | 10 GA     | 3003-H14 ALUM | 4                   | 0.090     | 3003-H14 ALUM | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 10                       | 4            | 10 GA     | 3003-H14 ALUM | 4                   | 0.090     | 3003-H14 ALUM | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 12                       | 4            | 14 GA     | 3003-H14 ALUM | 4                   | 14 GA     | G-90 GALV     | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 14/1410/1475             | 4            | 14 GA     | 3003-H14 ALUM | 4                   | 14 GA     | G-90 GALV     | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 15/1515/1575             | 4            | 12 GA     | 3003-H14 ALUM | 4                   | 14 GA     | G-90 GALV     | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |
| 16/1615                  | 4            | 12 GA     | 3003-H14 ALUM | 4                   | 14 GA     | G-90 GALV     | 8                | 0.040     | 3003-H14 ALUM | 4              | 3/16 GALV CABLE | 1                           | 12 GA     | G-90 GALV |



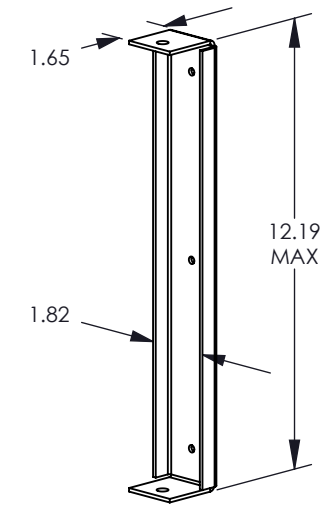
**TIE DOWN CABLE**



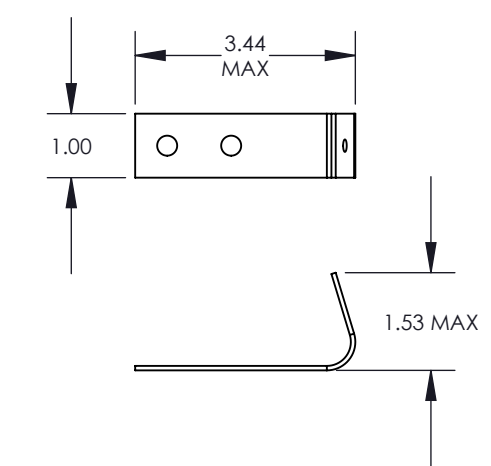
**BASE PANEL**



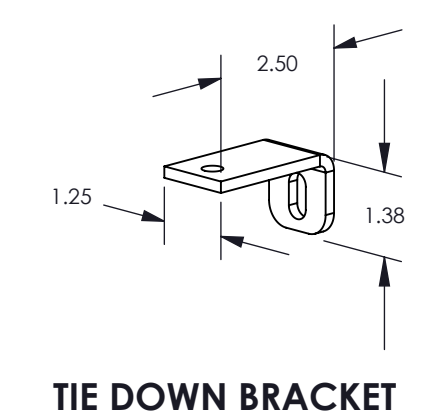
**BIRD SCREEN**



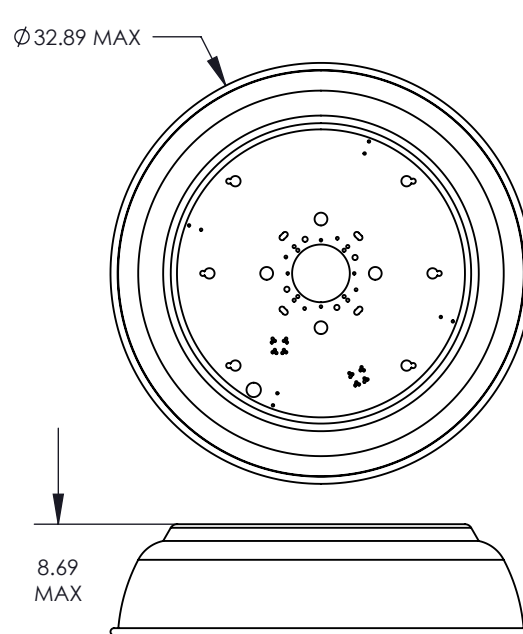
**VERTICAL LEG**



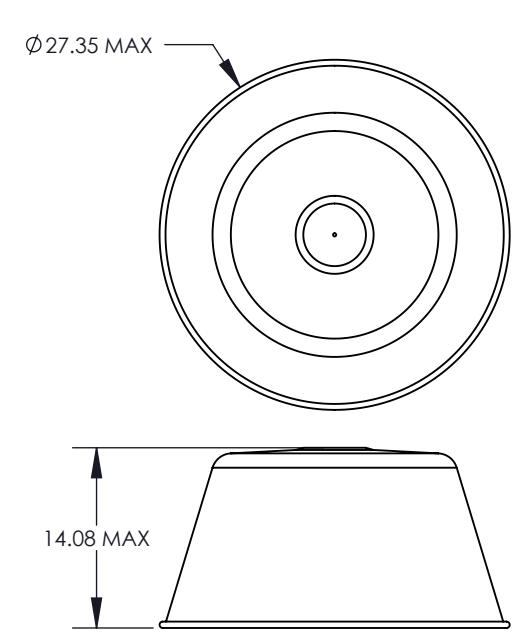
**MOTOR COVER BRACKET**



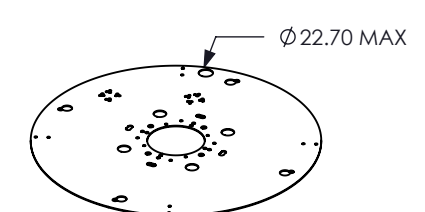
**TIE DOWN BRACKET**



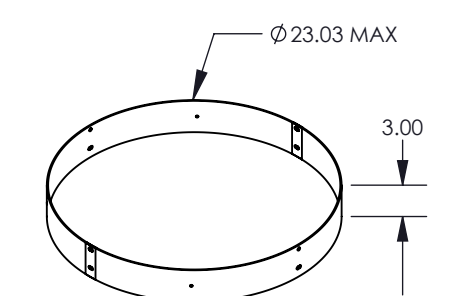
**SKIRT**



**MOTOR COVER**



**SKIRT STIFFENING PLATE**



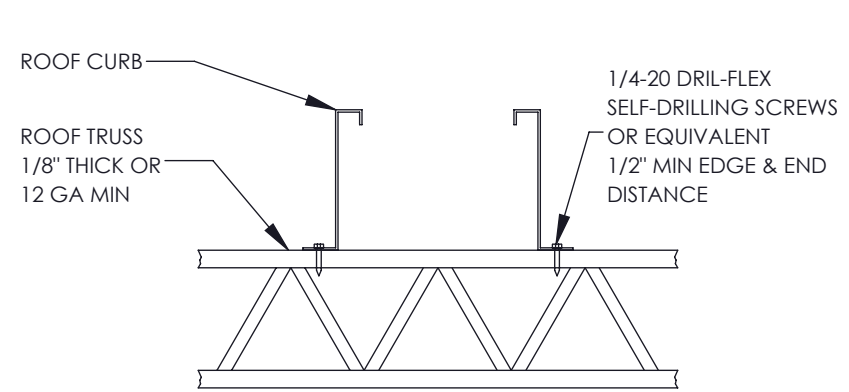
**REINFORCEMENT BAND ASSEMBLY**

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 21-0526.16  
Expiration Date 12/30/2025  
By *[Signature]*  
Miami-Dade Product Control

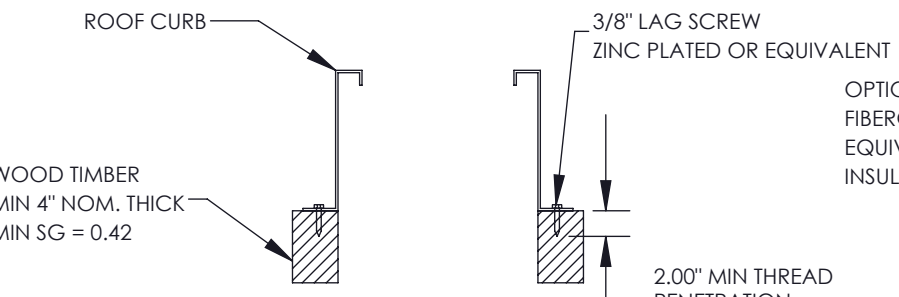
|  |                      |                                    |           |                        |                                  |  |               |
|--|----------------------|------------------------------------|-----------|------------------------|----------------------------------|--|---------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                      |                                    |           | THIRD ANGLE PROJECTION |                                  | <b>S&amp;P USA</b>                             |               |
| FRACTIONS<br>± 1/16  |                      | DECIMALS<br>XX ± .03<br>XXX ± .005 |           | ANGLES<br>± 1°         |                                  | JACKSONVILLE, FLORIDA<br>SDBD/SDBDe MIAMI DADE |               |
| MATERIAL   | ESTIMATED WEIGHT(LB) | PROJECT NO.                        | APPROVALS | DATE                   | SIZE                             | PART NO.                                       | REV.          |
|  |                      |                                    |           | 3/26/2020              | B                                | SSERIESMD                                      | A             |
|  |                      |                                    |           |                        | SCALE: 1:15 DO NOT SCALE DRAWING |  | SHEET 8 OF 10 |

| STXB/<br>STXBRHUL<br>MODEL SIZE | STXD/STXDe<br>MODEL SIZE | STXDRHUL/<br>STXD(e)RHUL<br>MODEL SIZE | FAN TO CURB FASTENER QTY |       |                 |       | CURB TO STEEL FASTENER QTY |       |                 |       | CURB TO TIMBER FASTENER QTY |       |                 |       | CURB TO CONCRETE FASTENER QTY |       |                 |       |
|---------------------------------|--------------------------|--|--------------------------|-------|-----------------|-------|----------------------------|-------|-----------------|-------|-----------------------------|-------|-----------------|-------|-------------------------------|-------|-----------------|-------|
|                                 |                          |  | FAN BASE                 |       | W/ CURB ADAPTER |       | NO CURB ADAPTER            |       | W/ CURB ADAPTER |       | NO CURB ADAPTER             |       | W/ CURB ADAPTER |       | NO CURB ADAPTER               |       | W/ CURB ADAPTER |       |
|                                 |                          |  | QTY PER<br>SIDE          | TOTAL | QTY PER<br>SIDE | TOTAL | QTY PER<br>SIDE            | TOTAL | QTY PER<br>SIDE | TOTAL | QTY PER<br>SIDE             | TOTAL | QTY PER<br>SIDE | TOTAL | QTY PER<br>SIDE               | TOTAL | QTY PER<br>SIDE | TOTAL |
| 08                              | 06-07-08-0825            | -                                      | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 4                           | 16    | 4               | 16    | 4                             | 16    | 4               | 16    |
| 10                              | 10                       | 10                                     | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 4                           | 16    | 4               | 16    | 4                             | 16    | 4               | 16    |
| 12                              | 12                       | 12                                     | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 5                           | 20    | 5               | 20    | 4                             | 16    | 4               | 16    |
| 14                              | 14-1410-1475             | 14-1410-1475                           | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 5                           | 20    | 5               | 20    | 4                             | 16    | 4               | 16    |
| 15/15HP                         | 15-1515-1575             | 15-1515-1575                           | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 5                           | 20    | 5               | 20    | 4                             | 16    | 4               | 16    |
| 16/16HP                         | 16-1615                  | 16-1615                                | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 5                           | 20    | 5               | 20    | 4                             | 16    | 4               | 16    |
| 18/18HP                         | -                        | -                                      | 4                        | 16    | 4               | 16    | 7                          | 28    | 7               | 28    | 5                           | 20    | 5               | 20    | 5                             | 20    | 5               | 20    |
| 20/20HP                         | -                        | -                                      | 4                        | 16    | 5               | 20    | 8                          | 32    | 8               | 32    | 6                           | 24    | 5               | 20    | 5                             | 20    | 5               | 20    |
| 22/22HP                         | -                        | -                                      | 4                        | 16    | 5               | 20    | 8                          | 32    | 8               | 32    | 6                           | 24    | 5               | 20    | 5                             | 20    | 5               | 20    |
| 24/24HP                         | -                        | -                                      | 7                        | 28    | 7               | 28    | 11                         | 44    | 11              | 44    | 8                           | 32    | 8               | 32    | 7                             | 28    | 7               | 28    |
| 27/27HP                         | -                        | -                                      | 8                        | 32    | 8               | 32    | 13                         | 52    | 13              | 52    | 10                          | 40    | 10              | 40    | 10                            | 40    | 10              | 40    |
| 30/30HP                         | -                        | -                                      | 8                        | 32    | 8               | 32    | 13                         | 52    | 13              | 52    | 10                          | 40    | 10              | 40    | 9                             | 36    | 9               | 36    |
| 33/33HP                         | -                        | -                                      | 8                        | 32    | 8               | 32    | 13                         | 52    | 13              | 52    | 10                          | 40    | 10              | 40    | 9                             | 36    | 9               | 36    |
| 36/36HP                         | -                        | -                                      | 8                        | 32    | 8               | 32    | 13                         | 52    | 13              | 52    | 9                           | 36    | 10              | 40    | 9                             | 36    | 9               | 36    |
| 42                              | -                        | -                                      | 9                        | 36    | 9               | 36    | 14                         | 56    | 14              | 56    | 11                          | 44    | 11              | 44    | 9                             | 36    | 10              | 40    |
| 48                              | -                        | -                                      | 10                       | 40    | 10              | 40    | 15                         | 60    | 15              | 60    | 12                          | 48    | 13              | 52    | 10                            | 40    | 11              | 44    |

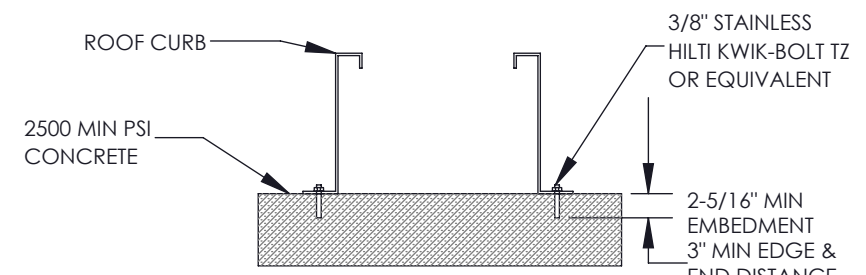
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|-----------|-------------|-----------|----------|----------|---|
| REVISIONS |             |           |          |          |   |
| REV       | DESCRIPTION | BY        | DATE     | ECN      |   |
| A         | RELEASE     | JX        | 9/8/2020 | 2020-100 |   |
| --        | -----       | ---       | --/--/-- | -----    |   |
| --        | -----       | ---       | --/--/-- | -----    |   |



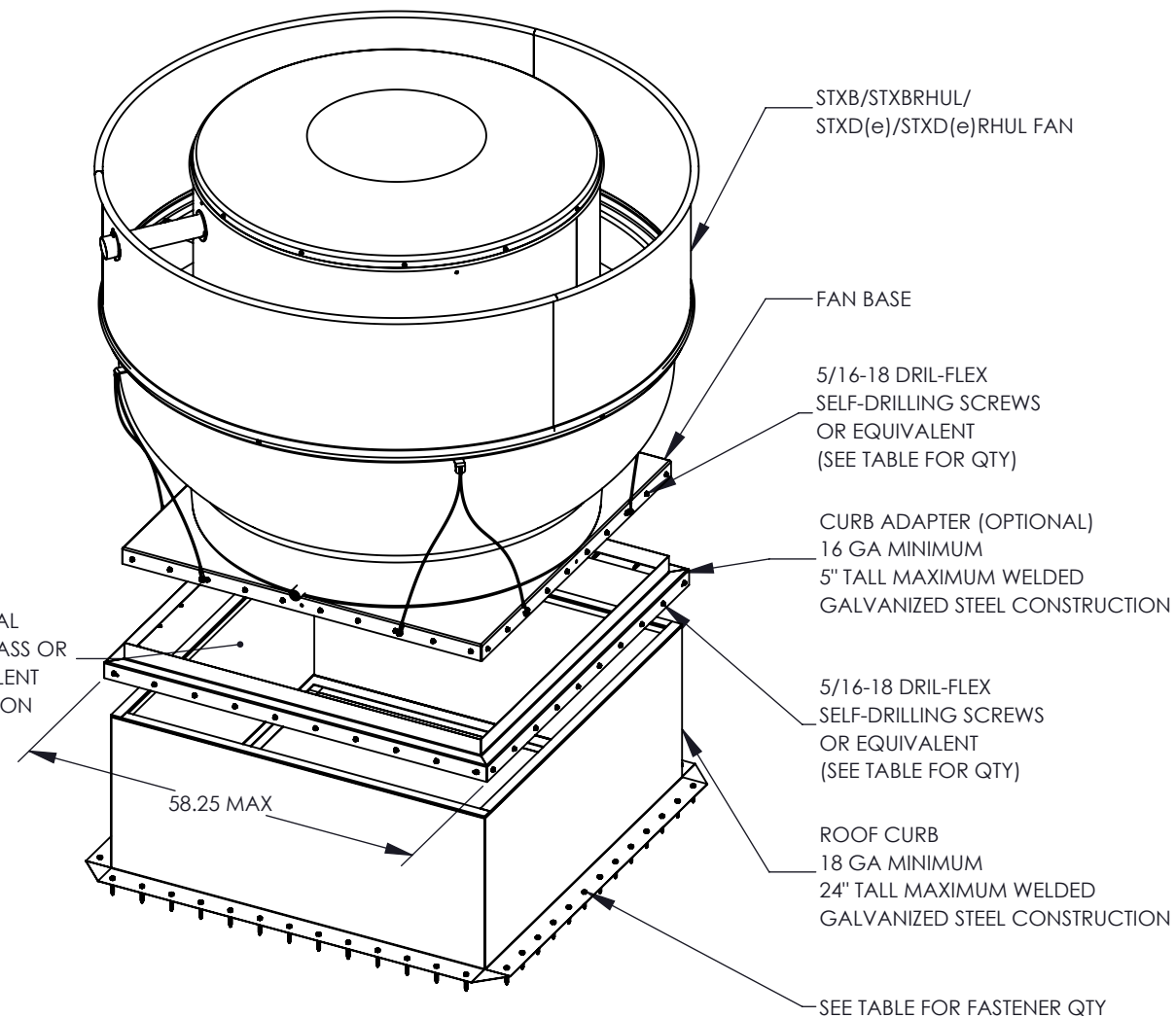
**STEEL ANCHORING**



**TIMBER ANCHORING**



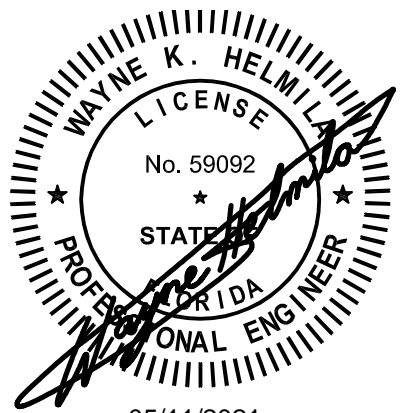
**CONCRETE DECK ANCHORING**



**PRODUCT REVISED**  
**as complying with the Florida Building Code**  
**NOA-No. 21-0526.16**  
**Expiration Date 12/30/2025**  
 By *[Signature]*  
**Miami-Dade Product Control**

Note: All Fasteners (except S.S. Series 300 Fasteners and Galv. Fasteners) that are exposed to exterior conditions are to be sealed with Prosoco Liquid Flashing or equal.

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 Florida Firm No: F-01000005061  
 Certificate of Authorization: #9090  
 Wayne K. Helmila  
 Registration No: 59092



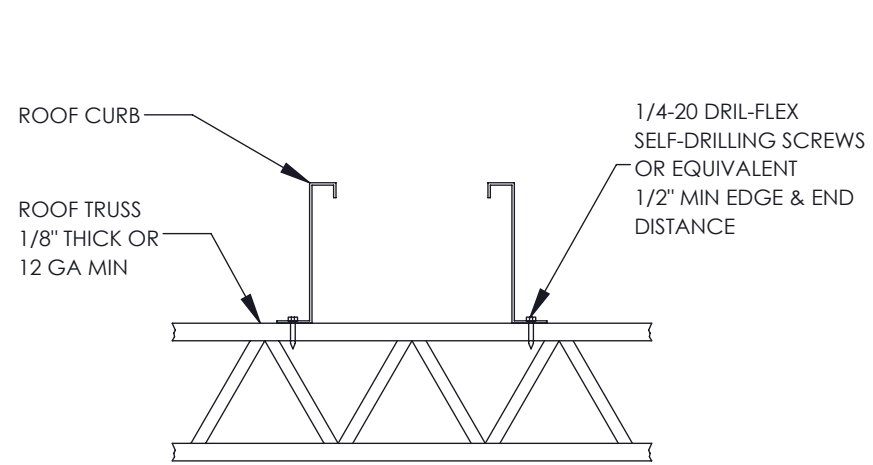
05/11/2021  
 COA: 9090

|  |          |                        |  |   |  |  |  |
|--|----------|------------------------|--|---|--|--|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |          | THIRD ANGLE PROJECTION |  |   |  | <b>S&amp;P USA</b><br>JACKSONVILLE, FLORIDA<br><b>STXB/STXBRHUL/STXD/STXDRHUL ROOF CURB MOUNTING</b> |  |
| FRACTIONS  | DECIMALS | ANGLES                 |  |   |  |  |  |
| ± 1/16   | XX ± .03 | ± 1°                   |  | PROJECT NO.<br>APPROVALS DATE<br>DRAWN BY JX 3/26/2020<br>EST. SHIPPING DIMS (INCH)<br>CHECKED BY<br>SCALE: 1:30 DO NOT SCALE DRAWING |  | SIZE PART NO.<br><b>B SSERIESMD</b><br>SCALE: 1:30 DO NOT SCALE DRAWING                              |  |
| MATERIAL   |          | ESTIMATED WEIGHT(LB)   |  | PROJECT NO.   |  | REV. A   |  |
|  |          |                        |  | DATE  |  | SHEET 9 OF 10  |  |

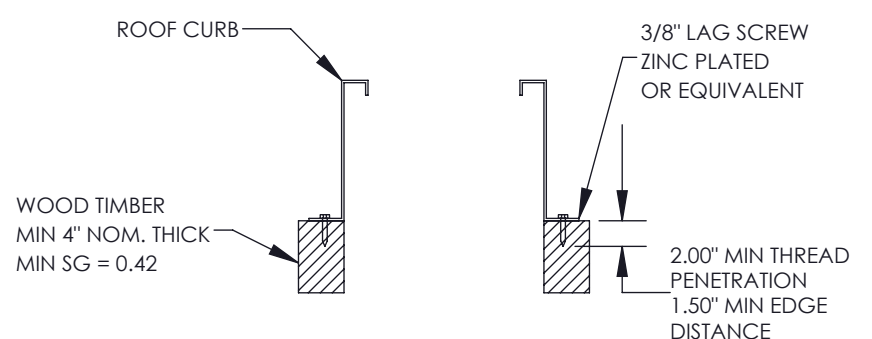
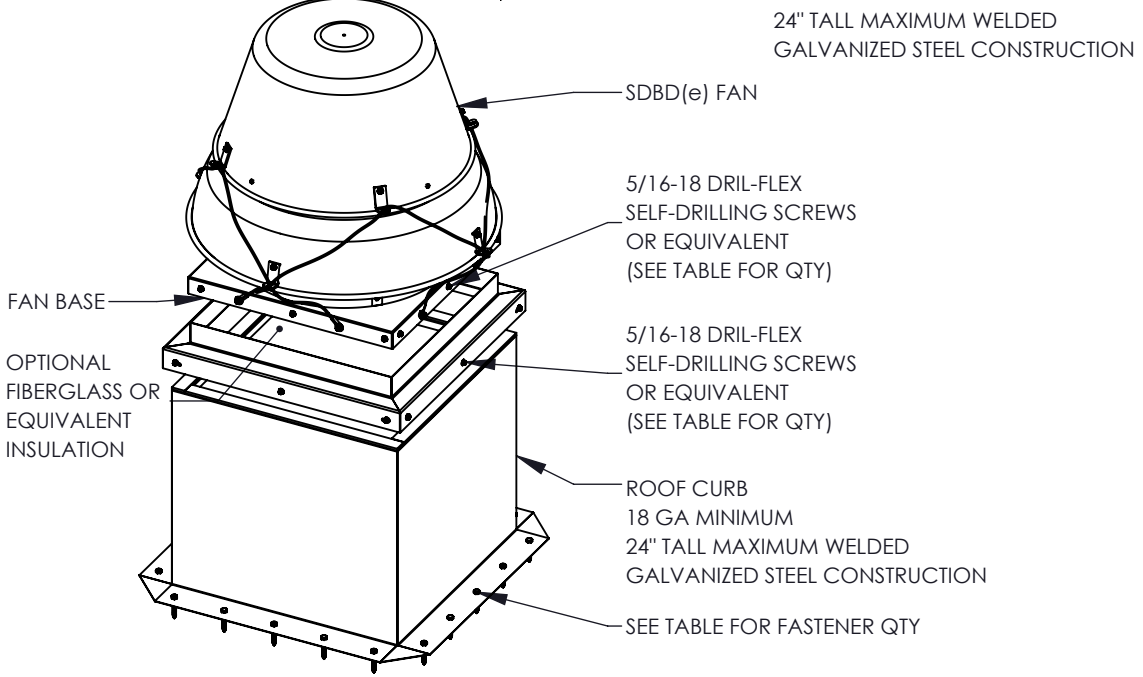
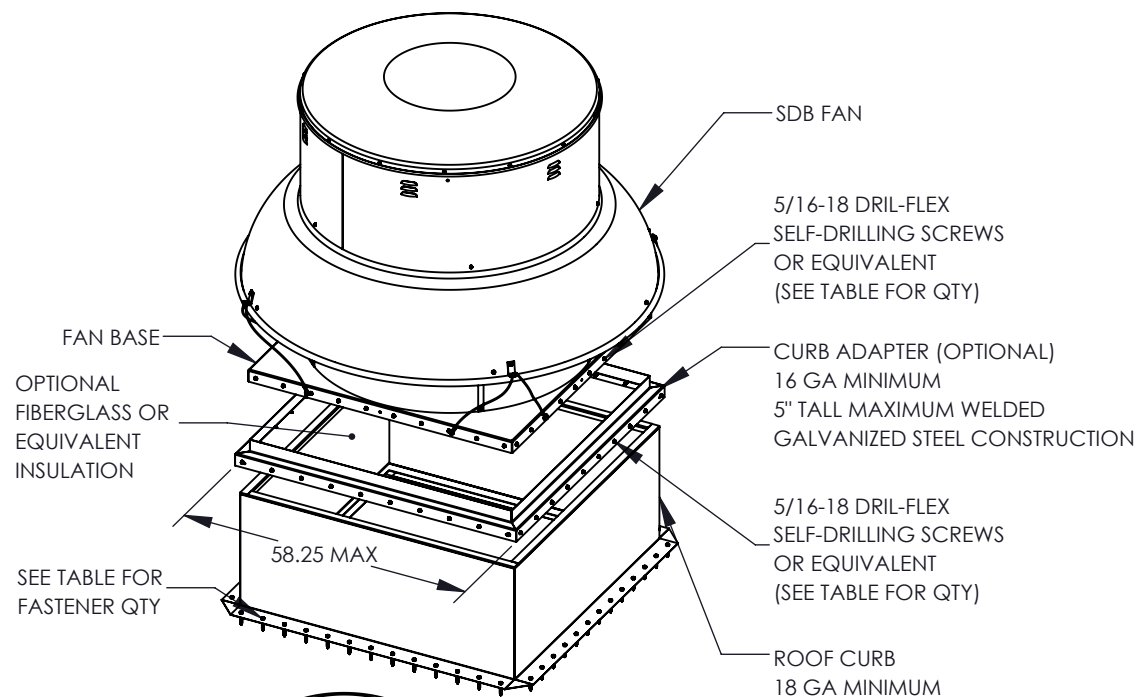


| SDB MODEL SIZE | SDBD/SDBDe MODEL SIZE | FAN TO CURB FASTENER QTY |       |                 |       | CURB TO STEEL FASTENER QTY |       |                 |       | CURB TO TIMBER FASTENER QTY |       |                 |       | CURB TO CONCRETE FASTENER QTY |       |                 |       |
|----------------|-----------------------|--------------------------|-------|-----------------|-------|----------------------------|-------|-----------------|-------|-----------------------------|-------|-----------------|-------|-------------------------------|-------|-----------------|-------|
|                |                       | FAN BASE                 |       | W/ CURB ADAPTER |       | NO CURB ADAPTER            |       | W/ CURB ADAPTER |       | NO CURB ADAPTER             |       | W/ CURB ADAPTER |       | NO CURB ADAPTER               |       | W/ CURB ADAPTER |       |
|                |                       | QTY PER SIDE             | TOTAL | QTY PER SIDE    | TOTAL | QTY PER SIDE               | TOTAL | QTY PER SIDE    | TOTAL | QTY PER SIDE                | TOTAL | QTY PER SIDE    | TOTAL | QTY PER SIDE                  | TOTAL | QTY PER SIDE    | TOTAL |
| 6              | 06/06C                | 3                        | 12    | 3               | 12    | 5                          | 20    | 5               | 20    | 4                           | 16    | 4               | 16    | 3                             | 12    | 3               | 12    |
| 7              | 07                    | 3                        | 12    | 3               | 12    | 5                          | 20    | 5               | 20    | 4                           | 16    | 4               | 16    | 3                             | 12    | 3               | 12    |
| 8              | 08                    | 3                        | 12    | 3               | 12    | 5                          | 20    | 5               | 20    | 4                           | 16    | 4               | 16    | 3                             | 12    | 3               | 12    |
| 10             | 10                    | 3                        | 12    | 3               | 12    | 5                          | 20    | 5               | 20    | 4                           | 16    | 4               | 16    | 3                             | 12    | 3               | 12    |
| 12             | 12                    | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 4                           | 16    | 4               | 16    | 4                             | 16    | 4               | 16    |
| 14             | 14/1410/1475          | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 4                           | 16    | 4               | 16    | 4                             | 16    | 4               | 16    |
| 15             | 15/1515/1575          | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 5                           | 20    | 5               | 20    | 4                             | 16    | 4               | 16    |
| 16             | 16/1615               | 3                        | 12    | 3               | 12    | 6                          | 24    | 6               | 24    | 5                           | 20    | 5               | 20    | 4                             | 16    | 4               | 16    |
| 18             | -                     | 3                        | 12    | 4               | 16    | 7                          | 28    | 7               | 28    | 5                           | 20    | 5               | 20    | 4                             | 16    | 5               | 20    |
| 20             | -                     | 4                        | 16    | 4               | 16    | 8                          | 32    | 8               | 32    | 6                           | 24    | 6               | 24    | 5                             | 20    | 5               | 20    |
| 22             | -                     | 4                        | 16    | 4               | 16    | 8                          | 32    | 8               | 32    | 6                           | 24    | 6               | 24    | 5                             | 20    | 5               | 20    |
| 24             | -                     | 6                        | 24    | 6               | 24    | 10                         | 40    | 10              | 40    | 7                           | 28    | 8               | 32    | 6                             | 24    | 7               | 28    |
| 27             | -                     | 6                        | 24    | 6               | 24    | 10                         | 40    | 10              | 40    | 8                           | 32    | 8               | 32    | 7                             | 28    | 7               | 28    |
| 30             | -                     | 6                        | 24    | 6               | 24    | 10                         | 40    | 11              | 44    | 8                           | 32    | 8               | 32    | 7                             | 28    | 7               | 28    |
| 33             | -                     | 6                        | 24    | 6               | 24    | 10                         | 40    | 11              | 44    | 8                           | 32    | 8               | 32    | 7                             | 28    | 7               | 28    |
| 36             | -                     | 7                        | 28    | 7               | 28    | 11                         | 44    | 11              | 44    | 9                           | 36    | 9               | 36    | 8                             | 32    | 8               | 32    |
| 42             | -                     | 7                        | 28    | 8               | 32    | 12                         | 48    | 12              | 48    | 10                          | 40    | 10              | 40    | 8                             | 32    | 9               | 36    |
| 48             | -                     | 9                        | 36    | 9               | 36    | 14                         | 56    | 14              | 56    | 11                          | 44    | 12              | 48    | 10                            | 40    | 10              | 40    |

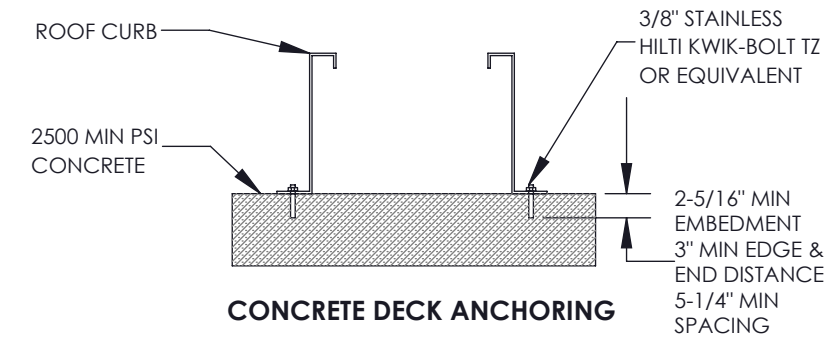
| CAD FILE  |             |     |          | SSERIESMD |  | SHEET |  | 10 |  |
|-----------|-------------|-----|----------|-----------|--|-------|--|----|--|
| REVISIONS |             |     |          |           |  |       |  |    |  |
| REV       | DESCRIPTION | BY  | DATE     | ECN       |  |       |  |    |  |
| A         | RELEASE     | JX  | 9/8/2020 | 2020-100  |  |       |  |    |  |
| --        | -----       | --- | --/--/-- | -----     |  |       |  |    |  |
| --        | -----       | --- | --/--/-- | -----     |  |       |  |    |  |



**STEEL ANCHORING**



**TIMBER ANCHORING**

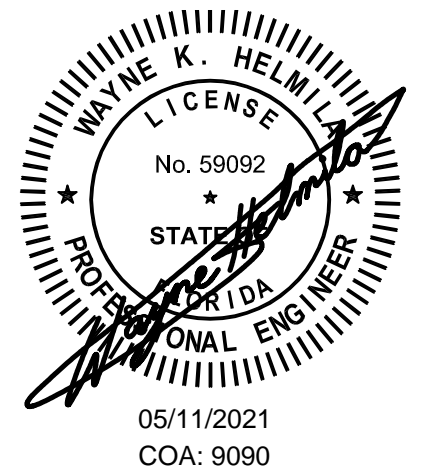


**CONCRETE DECK ANCHORING**

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 NOA-No. 21-0526.16  
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05/11/2021  
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|  |                                    |                        |                |           |   |
|--|------------------------------------|------------------------|----------------|-----------|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE |                                    | THIRD ANGLE PROJECTION |                |           | <b>S&amp;P USA</b><br>JACKSONVILLE, FLORIDA<br>SDB/SDBD/SDBDe<br>ROOF CURB MOUNTING |
| FRACTIONS<br>± 1/16  | DECIMALS<br>XX ± .03<br>XXX ± .005 | ANGLES<br>± 1°         |                |           |   |
| MATERIAL   | ESTIMATED WEIGHT(LB)               | PROJECT NO.            | APPROVALS      | DATE      | SCALE: 1:30 DO NOT SCALE DRAWING<br>SHEET 10 OF 10                                  |
|  |                                    |                        | DRAWN BY<br>JX | 3/26/2020 |   |
|  |                                    |                        | CHECKED BY     | --/--/--  |   |