



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

ACME Manufacturing Corporation
6532 Tower Lane
Claremore, OK 74019

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: Trimline Hurricane Series Type TIV and Type TEV Aluminum Gravity Vents

APPROVAL DOCUMENT: Drawing No. **TIV/TEV-HV**, titled "TEV and TIV Hurricane Vents", sheets 1 through 4 of 4, dated 02/02/2021 and 02/18/2022, prepared by ACME Manufacturing Corporation, signed and sealed by Richard O. Boyette, P.E. on 02/20/2022 and 06/30/2022, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Claremore, OK, model/series, and 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



NOA No. 21-1110.04
Expiration Date: August 18, 2027
Approval Date: August 18, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **TIV/TEV-HV**, titled “TEV and TIV Hurricane Vents”, sheets 1 through 4 of 4, dated 02/02/2021 and 02/18/2022, prepared by ACME Manufacturing Corporation, signed and sealed by Richard O. Boyette, P.E. on 02/20/2022 and 06/30/2022.

B. TESTS

1. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94,
2) Large Missile Impact Test per FBC, TAS 201-94,
3) Lateral Force per ASTM E72,
along with marked-up drawings and installation diagram of TIV Hurricane Aluminum Gravity Vents Curb Mounted, prepared by Intertek, Test Report No. **L9798.01-801-18 R3**, dated 08/24/2021, with revision dated 06/14/2022, signed and sealed by Tyler Westerling, P.E.
2. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94,
2) Large Missile Impact Test per FBC, TAS 201-94,
3) Lateral Force per ASTM E72,
along with marked-up drawings and installation diagram of TEV Hurricane Aluminum Gravity Vents Curb Mounted, prepared by Intertek, Test Report No. **L9799.01-801-18 R3**, dated 09/03/2021, with revision dated 06/14/2022, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Anchor verification calculations, prepared by Rick Boyette Consulting, Inc, dated 02/20/2022, signed and sealed by Richard O. Boyette, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by Rick Boyette Consulting, Inc, dated 02/20/2022, signed and sealed by Richard O. Boyette, P.E.
2. Statement letter of no financial interest, issued by Rick Boyette Consulting, Inc, dated 02/20/2022, signed and sealed by Richard O. Boyette, P.E.

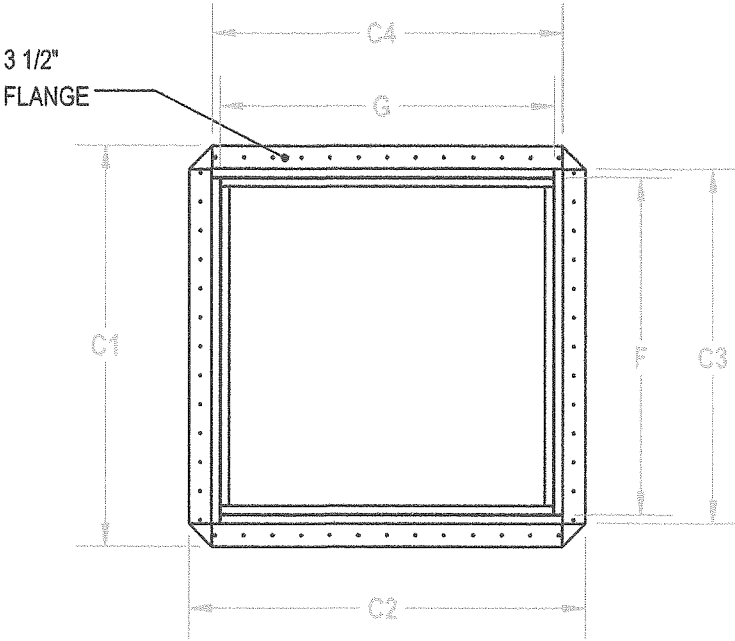


Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1110.04
Expiration Date: August 18, 2027
Approval Date: August 18, 2022

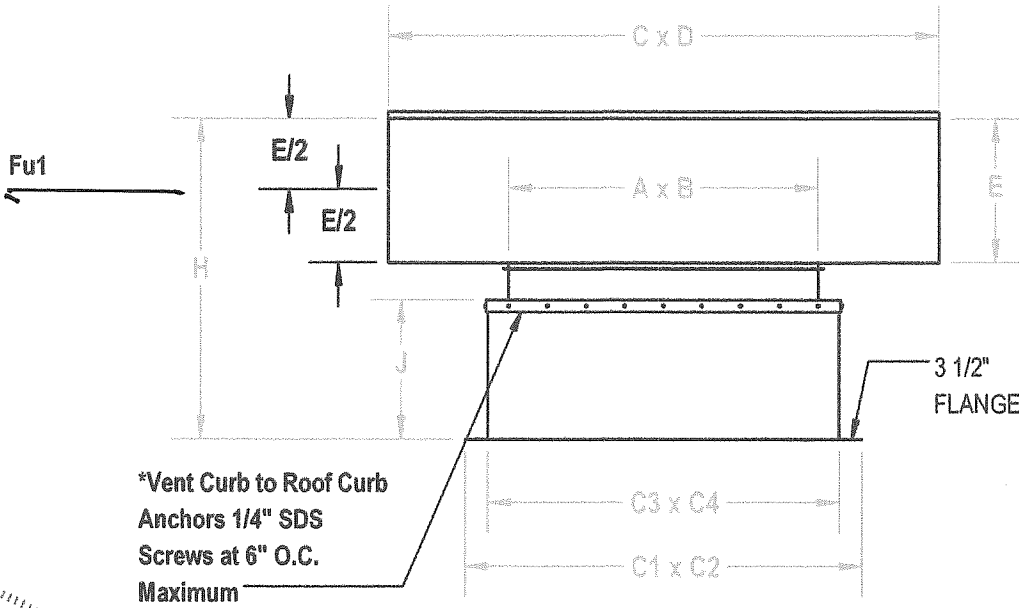
NOTES

- a. Product evaluated in accordance with requirements of 2020 FBC ASCE 7-16.
- b. Roof Structure must be designed to withstand the weight and loading transmitted by the rooftop vent.
- c. This approval is for the structural capacity of the exterior housing only, it does not include any interior mechanism and/or electric part.
- d. The rooftop vent has not been tested for wind driven rain according to Florida Building Code, TAS 100(A). It cannot be installed within the ridge area FBC 1523.6.5.2.13.
- e. All fasteners must be corrosion resistant. hot-dip Galv or stainless steel
- f. The specimen for Miami-Dade County Performance Test as reported in ATI test report No. A7765.01-802-18 was given a temporary designation "EV-Hooded".
- g. Approved for use in HVHZ
- h. Fu1: Ultimate lateral force per Model TEV, Size 5454

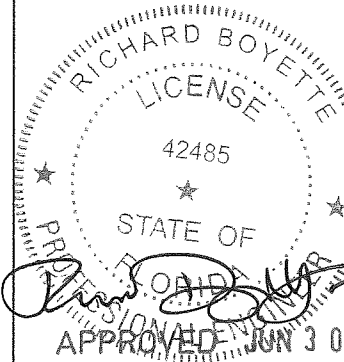
Fu1= 3,000 LBS



PLAN VIEW



ELEVATION VIEW
Dimensions (Inches)



Richard Boyette, FL PE #42485
Rick Boyette Consulting Inc. - REG. #9707
4031 Coconut Blvd
Royal Palm Beach, FL 33411
561-790-5766

APPROVED JUN 30 2022



ACME MANUFACTURING CORP.
6532 TOWER LANE, CLAREMORE, OK 74019
Phone (918) 266-3097 Fax (918) 266-3091
ENGINEERED PRODUCTS BY CRAFTSMEN

LET. REVISION RECORD

Large Missile Impact Resistant
Max Rated design pressure: +53.0 / -112.0 PSF

TABLE: TEV-HV Hurricane Vents

| Size | A | B | C | D | E | F | G | H | J | C1 | C2 | C3 | C4 | Max Vent Weight | Max Curb Weight | Max Fan Weight | *# 1/4" SDS Screws |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|-----------------|----------------|--------------------|
| 1254 | 12 | 54 | 21 | 63 | 8 | 16 | 58 | 56 | 42 | 26 | 68 | 19 | 61 | 67 | 122 | 140 | 30 |
| 1354 | 13 | 54 | 23 | 64 | 8 | 17 | 58 | 56 | 42 | 27 | 68 | 20 | 61 | 79 | 124 | 145 | 30 |
| 1454 | 14 | 54 | 24 | 64 | 8 | 18 | 58 | 56 | 42 | 28 | 68 | 21 | 61 | 79 | 125 | 152 | 30 |
| 1554 | 15 | 54 | 26 | 65 | 8 | 19 | 58 | 56 | 42 | 29 | 68 | 22 | 61 | 90 | 127 | 159 | 30 |
| 1654 | 16 | 54 | 27 | 65 | 8 | 20 | 58 | 56 | 42 | 30 | 68 | 23 | 61 | 90 | 128 | 165 | 30 |
| 1754 | 17 | 54 | 29 | 66 | 8 | 21 | 58 | 56 | 42 | 31 | 68 | 24 | 61 | 98 | 130 | 179 | 32 |
| 1854 | 18 | 54 | 30 | 66 | 9 | 22 | 58 | 57 | 42 | 32 | 68 | 25 | 61 | 98 | 131 | 179 | 32 |
| 1954 | 19 | 54 | 32 | 67 | 9 | 23 | 58 | 57 | 42 | 33 | 68 | 26 | 61 | 116 | 133 | 201 | 32 |
| 2054 | 20 | 54 | 33 | 67 | 9 | 24 | 58 | 57 | 42 | 34 | 68 | 27 | 61 | 116 | 134 | 203 | 32 |
| 2154 | 21 | 54 | 34 | 67 | 10 | 25 | 58 | 58 | 42 | 35 | 68 | 28 | 61 | 135 | 136 | 222 | 32 |
| 2254 | 22 | 54 | 36 | 68 | 10 | 26 | 58 | 58 | 42 | 36 | 68 | 29 | 61 | 135 | 137 | 224 | 32 |
| 2354 | 23 | 54 | 37 | 68 | 10 | 27 | 58 | 58 | 42 | 37 | 68 | 30 | 61 | 153 | 139 | 244 | 34 |
| 2454 | 24 | 54 | 39 | 69 | 11 | 28 | 58 | 59 | 42 | 38 | 68 | 31 | 61 | 153 | 140 | 246 | 34 |
| 2554 | 25 | 54 | 40 | 69 | 12 | 29 | 58 | 60 | 42 | 39 | 68 | 32 | 61 | 177 | 142 | 252 | 34 |
| 2654 | 26 | 54 | 41 | 69 | 12 | 30 | 58 | 60 | 42 | 40 | 68 | 33 | 61 | 177 | 143 | 259 | 34 |
| 2754 | 27 | 54 | 43 | 70 | 12 | 31 | 58 | 60 | 42 | 41 | 68 | 34 | 61 | 177 | 145 | 267 | 34 |
| 2854 | 28 | 54 | 44 | 70 | 13 | 32 | 58 | 61 | 42 | 42 | 68 | 35 | 61 | 177 | 146 | 267 | 34 |
| 2954 | 29 | 54 | 45 | 70 | 14 | 33 | 58 | 62 | 42 | 43 | 68 | 36 | 61 | 177 | 148 | 277 | 36 |
| 3054 | 30 | 54 | 47 | 71 | 14 | 34 | 58 | 62 | 42 | 44 | 68 | 37 | 61 | 177 | 149 | 277 | 36 |
| 3154 | 31 | 54 | 48 | 71 | 14 | 35 | 58 | 62 | 42 | 45 | 68 | 38 | 61 | 203 | 151 | 281 | 36 |
| 3254 | 32 | 54 | 49 | 71 | 14 | 36 | 58 | 62 | 42 | 46 | 68 | 39 | 61 | 203 | 153 | 290 | 36 |
| 3354 | 33 | 54 | 51 | 72 | 14 | 37 | 58 | 62 | 42 | 47 | 68 | 40 | 61 | 203 | 154 | 296 | 36 |
| 3454 | 34 | 54 | 52 | 72 | 14 | 38 | 58 | 62 | 42 | 48 | 68 | 41 | 61 | 203 | 156 | 303 | 36 |
| 3554 | 35 | 54 | 53 | 72 | 14 | 39 | 58 | 62 | 42 | 49 | 68 | 42 | 61 | 203 | 157 | 311 | 38 |
| 3654 | 36 | 54 | 55 | 73 | 14 | 40 | 58 | 62 | 42 | 50 | 68 | 43 | 61 | 203 | 159 | 311 | 38 |
| 3754 | 37 | 54 | 56 | 73 | 16 | 41 | 58 | 64 | 42 | 51 | 68 | 44 | 61 | 231 | 160 | 319 | 38 |
| 3854 | 38 | 54 | 57 | 73 | 16 | 42 | 58 | 64 | 42 | 52 | 68 | 45 | 61 | 231 | 162 | 325 | 38 |
| 3954 | 39 | 54 | 58 | 73 | 16 | 43 | 58 | 64 | 42 | 53 | 68 | 46 | 61 | 231 | 163 | 332 | 38 |
| 4054 | 40 | 54 | 60 | 74 | 16 | 44 | 58 | 64 | 42 | 54 | 68 | 47 | 61 | 231 | 165 | 334 | 38 |
| 4154 | 41 | 54 | 61 | 74 | 16 | 45 | 58 | 64 | 42 | 55 | 68 | 48 | 61 | 231 | 166 | 344 | 40 |
| 4254 | 42 | 54 | 62 | 74 | 16 | 46 | 58 | 64 | 42 | 56 | 68 | 49 | 61 | 231 | 168 | 349 | 40 |
| 4354 | 43 | 54 | 64 | 75 | 16 | 47 | 58 | 64 | 42 | 57 | 68 | 50 | 61 | 258 | 169 | 356 | 40 |
| 4454 | 44 | 54 | 65 | 75 | 16 | 48 | 58 | 64 | 42 | 58 | 68 | 51 | 61 | 258 | 171 | 357 | 40 |
| 4554 | 45 | 54 | 66 | 75 | 16 | 49 | 58 | 64 | 42 | 59 | 68 | 52 | 61 | 258 | 172 | 363 | 40 |
| 4654 | 46 | 54 | 67 | 75 | 18 | 50 | 58 | 66 | 42 | 60 | 68 | 53 | 61 | 258 | 174 | 370 | 40 |
| 4754 | 47 | 54 | 69 | 76 | 18 | 51 | 58 | 66 | 42 | 61 | 68 | 54 | 61 | 258 | 175 | 375 | 42 |
| 4854 | 48 | 54 | 70 | 76 | 18 | 52 | 58 | 66 | 42 | 62 | 68 | 55 | 61 | 258 | 177 | 383 | 42 |
| 4954 | 49 | 54 | 71 | 76 | 18 | 53 | 58 | 66 | 42 | 63 | 68 | 56 | 61 | 289 | 178 | 385 | 42 |
| 5054 | 50 | 54 | 72 | 76 | 18 | 54 | 58 | 66 | 42 | 64 | 68 | 57 | 61 | 289 | 180 | 392 | 42 |
| 5154 | 51 | 54 | 73 | 76 | 18 | 55 | 58 | 66 | 42 | 65 | 68 | 58 | 61 | 289 | 182 | 399 | 42 |
| 5254 | 52 | 54 | 75 | 77 | 18 | 56 | 58 | 66 | 42 | 66 | 68 | 59 | 61 | 289 | 183 | 409 | 42 |
| 5354 | 53 | 54 | 76 | 77 | 18 | 57 | 58 | 66 | 42 | 67 | 68 | 60 | 61 | 289 | 185 | 410 | 44 |
| 5454 | 54 | 54 | 80 | 80 | 19 | 58 | 58 | 67 | 42 | 68 | 68 | 61 | 61 | 289 | 189 | 421 | 44 |

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

*VENT CURB TO ROOF CURB ANCHORS

LEGEND

1. A & B are the model size of the vent.
2. Table 1 shows the principle dimensions for TEV-HV hurricane vents.
3. The maximum vent weight and maximum curb weight are taken from the largest model sizes in each row.
4. All dimensions listed, except for E, H, & J, are related to the throat dimensions, A & B.

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 21-1110.04

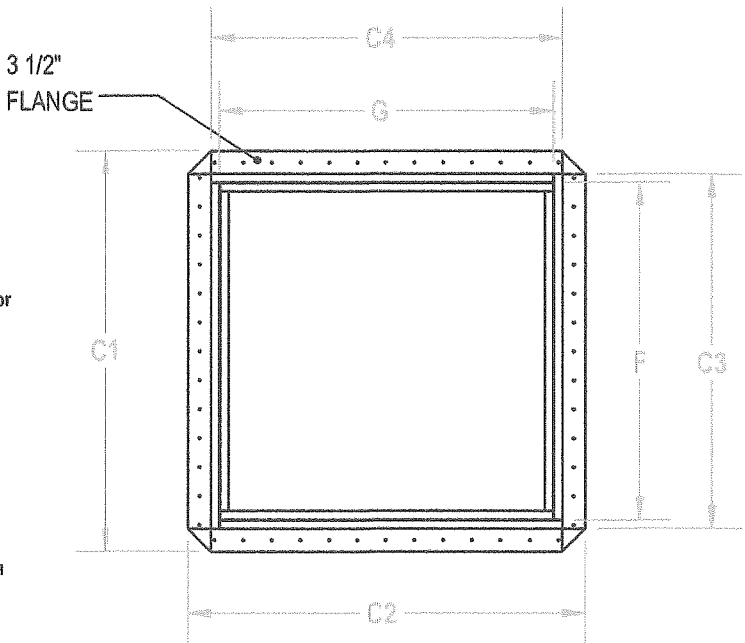
Approval Date 08/18/2022

By 
Miami-Dade Product Control

| | |
|----------------------------|--------------|
| TITLE: TEV HURRICANE VENTS | |
| Dwg. No. TEV-TIV-HV | REV |
| DRAWN BY: NAB | SCALE: NTS |
| Date: 02/18/2022 | SHEET 1 OF 4 |

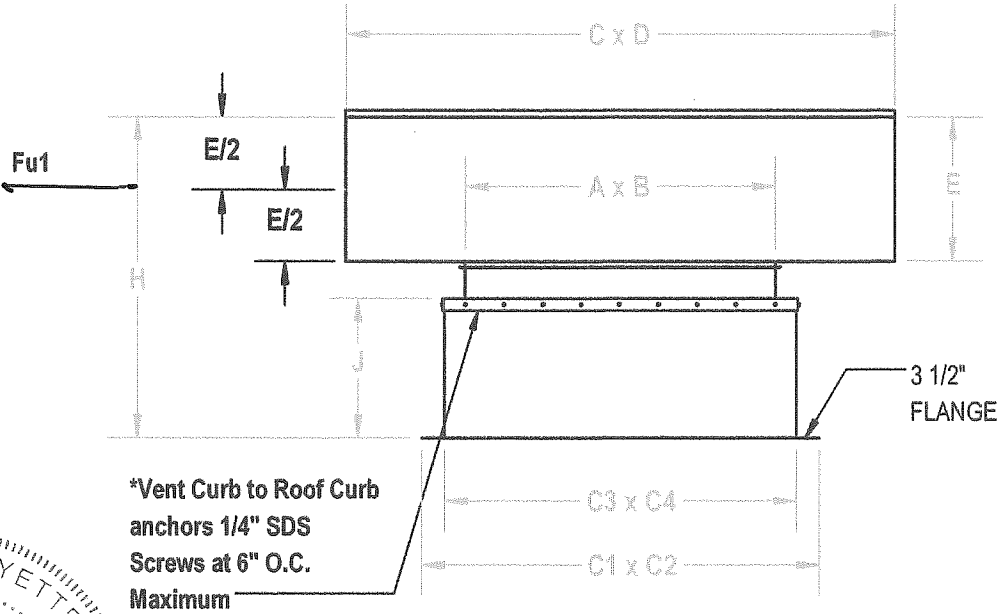
NOTES

- a. Product evaluated in accordance with requirements of 2020 FBC ASCE 7-16.
- b. Roof Structure must be designed to withstand the weight and loading transmitted by the rooftop vent.
- c. This approval is for the structural capacity of the exterior housing only, it does not include any interior mechanism and/or electric part.
- d. The rooftop vent has not been tested for wind driven rain according to Florida Building Code, TAS 100(A). It cannot be installed within the ridge area FBC 1523.6.5.2.13.
- e. All fasteners must be corrosion resistant.
- f. The specimen for Miami-Dade County Performance Test as reported in ATI test report No. A7765.01-801-18 was given a temporary designation "EV-Hooded".
- g. Approved for use in HVHZ
- h. Fu1: Ultimate lateral force per Model TIV, Size 5454

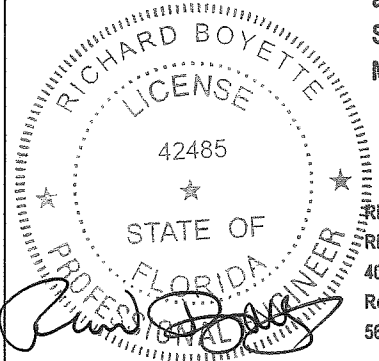


PLAN VIEW

Fu1= 3,000 LBS



ELEVATION VIEW
Dimensions (Inches)



Richard Boyette, FL PE #42485
Rick Boyette Consulting Inc. - REG #9707
4031 Coconut Blvd
Royal Palm Beach, FL 33411
561-790-5766

APPROVED JUN 30 2022



Large Missile Impact Resistant
Max Rated design pressure: +53.0 / -112.0 PSF

TABLE 1: TIV-HV Hurricane Vents

| Size | A | B | C | D | E | F | G | H | J | C1 | C2 | C3 | C4 | Max Vent Weight | Max Curb Weight | Max Fan Weight | **# 1/4" SDS Screws |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|-----------------|----------------|---------------------|
| 1254 | 12 | 54 | 29 | 71 | 8 | 16 | 58 | 56 | 42 | 26 | 68 | 19 | 61 | 79 | 122 | 140 | 30 |
| 1354 | 13 | 54 | 31 | 72 | 8 | 17 | 58 | 56 | 42 | 27 | 68 | 20 | 61 | 89 | 124 | 145 | 30 |
| 1454 | 14 | 54 | 33 | 73 | 9 | 18 | 58 | 57 | 42 | 28 | 68 | 21 | 61 | 89 | 125 | 152 | 30 |
| 1554 | 15 | 54 | 35 | 74 | 9 | 19 | 58 | 57 | 42 | 29 | 68 | 22 | 61 | 102 | 127 | 159 | 30 |
| 1654 | 16 | 54 | 37 | 75 | 10 | 20 | 58 | 58 | 42 | 30 | 68 | 23 | 61 | 102 | 128 | 165 | 30 |
| 1754 | 17 | 54 | 38 | 75 | 10 | 21 | 58 | 58 | 42 | 31 | 68 | 24 | 61 | 115 | 130 | 179 | 32 |
| 1854 | 18 | 54 | 40 | 76 | 10 | 22 | 58 | 58 | 42 | 32 | 68 | 25 | 61 | 115 | 131 | 179 | 32 |
| 1954 | 19 | 54 | 42 | 77 | 10 | 23 | 58 | 58 | 42 | 33 | 68 | 26 | 61 | 137 | 133 | 201 | 32 |
| 2054 | 20 | 54 | 44 | 78 | 12 | 24 | 58 | 60 | 42 | 34 | 68 | 27 | 61 | 137 | 134 | 203 | 32 |
| 2154 | 21 | 54 | 46 | 79 | 12 | 25 | 58 | 60 | 42 | 35 | 68 | 28 | 61 | 158 | 136 | 222 | 32 |
| 2254 | 22 | 54 | 47 | 79 | 12 | 26 | 58 | 60 | 42 | 36 | 68 | 29 | 61 | 158 | 137 | 224 | 32 |
| 2354 | 23 | 54 | 49 | 80 | 12 | 27 | 58 | 60 | 42 | 37 | 68 | 30 | 61 | 180 | 139 | 244 | 34 |
| 2454 | 24 | 54 | 51 | 81 | 12 | 28 | 58 | 60 | 42 | 38 | 68 | 31 | 61 | 180 | 140 | 246 | 34 |
| 2554 | 25 | 54 | 52 | 81 | 12 | 29 | 58 | 60 | 42 | 39 | 68 | 32 | 61 | 208 | 142 | 252 | 34 |
| 2654 | 26 | 54 | 54 | 82 | 12 | 30 | 58 | 60 | 42 | 40 | 68 | 33 | 61 | 208 | 143 | 259 | 34 |
| 2754 | 27 | 54 | 56 | 83 | 12 | 31 | 58 | 60 | 42 | 41 | 68 | 34 | 61 | 208 | 145 | 267 | 34 |
| 2854 | 28 | 54 | 57 | 83 | 14 | 32 | 58 | 62 | 42 | 42 | 68 | 35 | 61 | 208 | 146 | 267 | 34 |
| 2954 | 29 | 54 | 59 | 84 | 14 | 33 | 58 | 62 | 42 | 43 | 68 | 36 | 61 | 208 | 148 | 277 | 36 |
| 3054 | 30 | 54 | 60 | 84 | 14 | 34 | 58 | 62 | 42 | 44 | 68 | 37 | 61 | 208 | 149 | 277 | 36 |
| 3154 | 31 | 54 | 62 | 85 | 14 | 35 | 58 | 62 | 42 | 45 | 68 | 38 | 61 | 239 | 151 | 281 | 36 |
| 3254 | 32 | 54 | 63 | 85 | 14 | 36 | 58 | 62 | 42 | 46 | 68 | 39 | 61 | 239 | 153 | 290 | 36 |
| 3354 | 33 | 54 | 65 | 86 | 14 | 37 | 58 | 62 | 42 | 47 | 68 | 40 | 61 | 239 | 154 | 296 | 36 |
| 3454 | 34 | 54 | 67 | 87 | 16 | 38 | 58 | 64 | 42 | 48 | 68 | 41 | 61 | 239 | 156 | 303 | 36 |
| 3554 | 35 | 54 | 68 | 87 | 16 | 39 | 58 | 64 | 42 | 49 | 68 | 42 | 61 | 239 | 157 | 311 | 38 |
| 3654 | 36 | 54 | 70 | 88 | 16 | 40 | 58 | 64 | 42 | 50 | 68 | 43 | 61 | 239 | 159 | 311 | 38 |
| 3754 | 37 | 54 | 71 | 88 | 16 | 41 | 58 | 64 | 42 | 51 | 68 | 44 | 61 | 282 | 160 | 319 | 38 |
| 3854 | 38 | 54 | 73 | 89 | 16 | 42 | 58 | 64 | 42 | 52 | 68 | 45 | 61 | 282 | 162 | 325 | 38 |
| 3954 | 39 | 54 | 74 | 89 | 16 | 43 | 58 | 64 | 42 | 53 | 68 | 46 | 61 | 282 | 163 | 332 | 38 |
| 4054 | 40 | 54 | 76 | 90 | 18 | 44 | 58 | 66 | 42 | 54 | 68 | 47 | 61 | 282 | 165 | 334 | 38 |
| 4154 | 41 | 54 | 77 | 90 | 18 | 45 | 58 | 66 | 42 | 55 | 68 | 48 | 61 | 282 | 166 | 344 | 40 |
| 4254 | 42 | 54 | 79 | 91 | 19 | 46 | 58 | 67 | 42 | 56 | 68 | 49 | 61 | 282 | 168 | 349 | 40 |
| 4354 | 43 | 54 | 80 | 91 | 19 | 47 | 58 | 67 | 42 | 57 | 68 | 50 | 61 | 304 | 169 | 356 | 40 |
| 4454 | 44 | 54 | 81 | 91 | 20 | 48 | 58 | 68 | 42 | 58 | 68 | 51 | 61 | 304 | 171 | 357 | 40 |
| 4554 | 45 | 54 | 83 | 92 | 20 | 49 | 58 | 68 | 42 | 59 | 68 | 52 | 61 | 304 | 172 | 363 | 40 |
| 4654 | 46 | 54 | 84 | 92 | 21 | 50 | 58 | 69 | 42 | 60 | 68 | 53 | 61 | 304 | 174 | 370 | 40 |
| 4754 | 47 | 54 | 86 | 93 | 21 | 51 | 58 | 69 | 42 | 61 | 68 | 54 | 61 | 304 | 175 | 375 | 42 |
| 4854 | 48 | 54 | 87 | 93 | 21 | 52 | 58 | 69 | 42 | 62 | 68 | 55 | 61 | 304 | 177 | 383 | 42 |
| 4954 | 49 | 54 | 89 | 94 | 21 | 53 | 58 | 69 | 42 | 63 | 68 | 56 | 61 | 340 | 178 | 385 | 42 |
| 5054 | 50 | 54 | 90 | 94 | 22 | 54 | 58 | 70 | 42 | 64 | 68 | 57 | 61 | 340 | 180 | 392 | 42 |
| 5154 | 51 | 54 | 91 | 94 | 22 | 55 | 58 | 70 | 42 | 65 | 68 | 58 | 61 | 340 | 182 | 399 | 42 |
| 5254 | 52 | 54 | 93 | 95 | 22 | 56 | 58 | 70 | 42 | 66 | 68 | 59 | 61 | 340 | 183 | 409 | 42 |
| 5354 | 53 | 54 | 94 | 95 | 22 | 57 | 58 | 70 | 42 | 67 | 68 | 60 | 61 | 340 | 185 | 410 | 44 |
| 5454 | 54 | 54 | 96 | 96 | 24 | 58 | 58 | 72 | 42 | 68 | 68 | 61 | 61 | 340 | 189 | 421 | 44 |

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

*VENT CURB TO ROOF CURB ANCHORS

LEGEND

- A & B are the model size of the vent.
- Table 1 shows the principle dimensions for TIV-HV hurricane vents.
- The maximum vent weight and maximum curb weight are taken from the largest model sizes in each row.
- All dimensions listed, except for E, H, & J, are related to the throat dimensions, A & B.

PRODUCT APPROVED
as complying with the Florida
Building Code

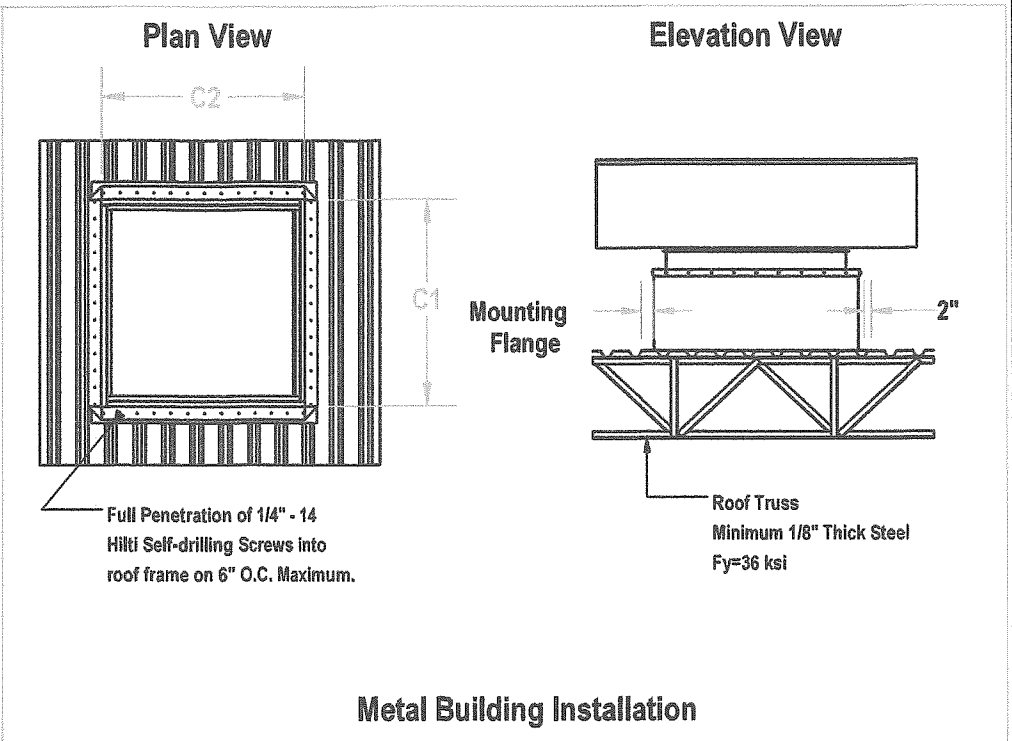
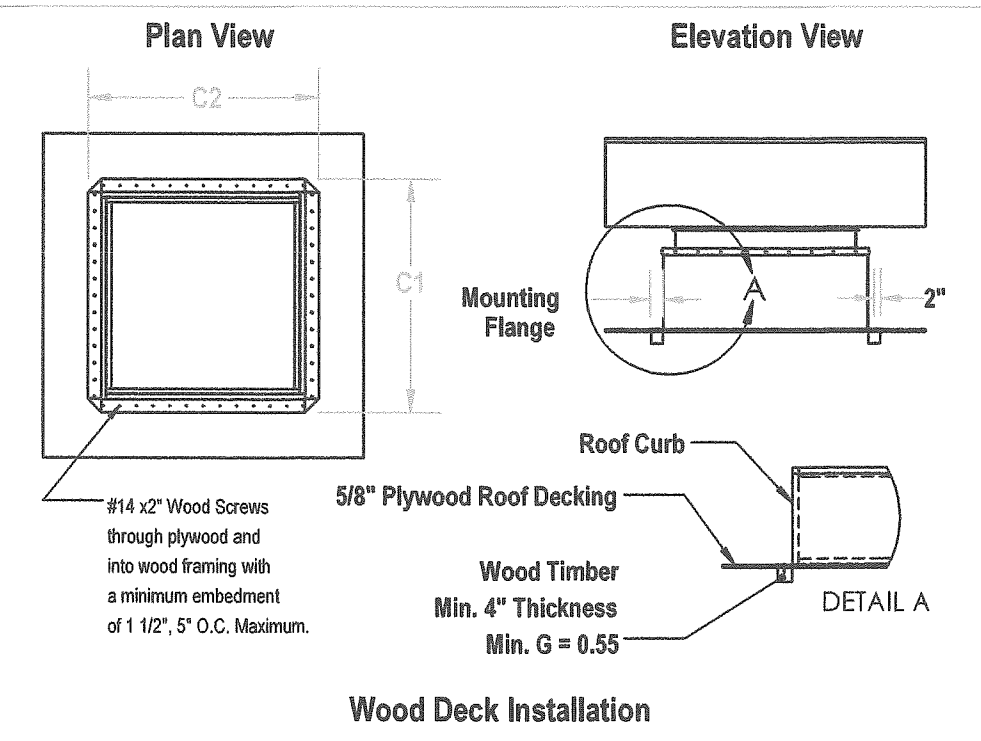
NOA-No. 21-1110.04

Approval Date 08/18/2022

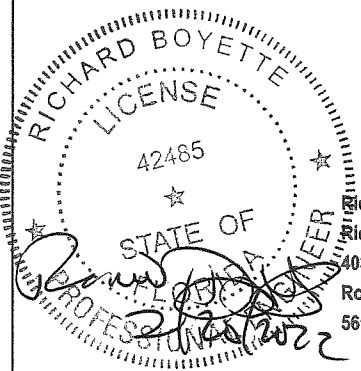
By *[Signature]*
Miami-Dade Product Control

| | | |
|----------------------------|------------|--------------|
| TITLE: TIV HURRICANE VENTS | | |
| Dwg. No. | TEV-TIV-HV | REV |
| DRAWN BY: | NAB | SCALE: NTS |
| Date: | 2/18/2022 | SHEET 2 OF 4 |

Large Missile Impact Resistant
Max Rated design pressure: +53.0 / -112.0 PSF

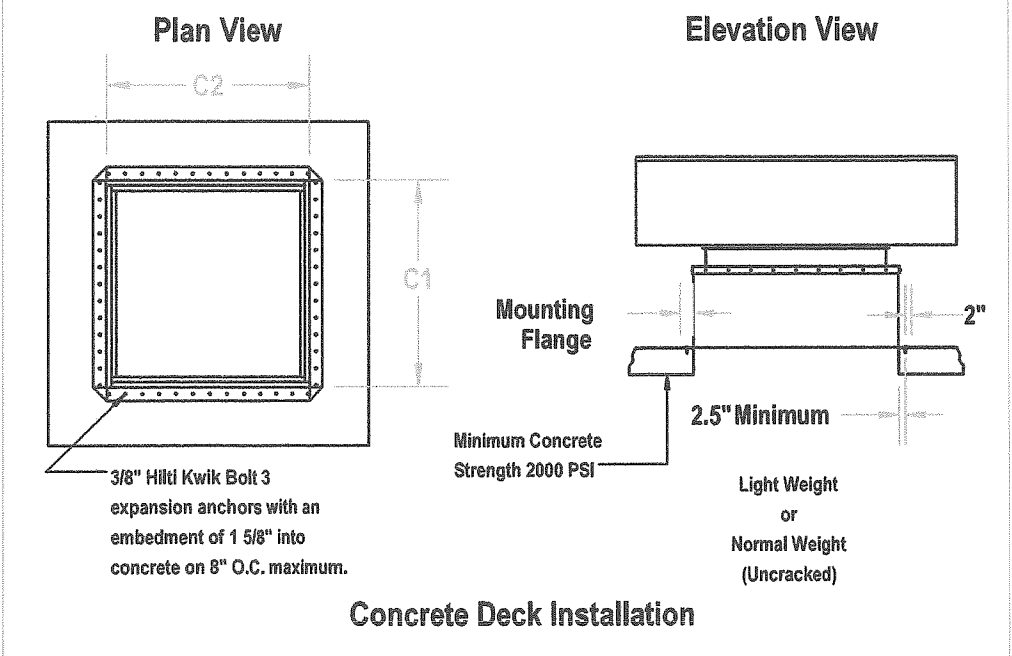


PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 21-1110.04
Approval Date 08/18/2022
By *[Signature]*
Miami-Dade Product Control



Richard Boyette, FL PE #42485
Rick Boyette Consulting Inc - REG. #9707
4031 Coconut Blvd
Royal Palm Beach, FL 33411
561-790-5766

LET. REVISION RECORD



| Roof Curb Connection Anchors TIV-HV, TEV-HV | | | | | |
|---|----------------------|---------------------------|---------------------------------|-----------|-----------|
| Installation Type | Wood Deck | Metal Building | Concrete Deck | | |
| Anchor Type | #14 x 2" Wood Screws | 1/4" Self Drilling Screws | 3/8" Hilti Kwik Bolt 3 or Eqiv. | | |
| SIZE | C1 | C2 | # ANCHORS | # ANCHORS | # ANCHORS |
| 1254 | 27 | 69 | 38 | 34 | 24 |
| 1354 | 28 | 69 | 40 | 34 | 26 |
| 1454 | 29 | 69 | 40 | 34 | 26 |
| 1554 | 30 | 69 | 40 | 34 | 26 |
| 1654 | 31 | 69 | 40 | 34 | 26 |
| 1754 | 32 | 69 | 40 | 34 | 26 |
| 1854 | 33 | 69 | 42 | 36 | 26 |
| 1954 | 34 | 69 | 42 | 36 | 26 |
| 2054 | 35 | 69 | 42 | 36 | 26 |
| 2154 | 36 | 69 | 42 | 36 | 28 |
| 2254 | 37 | 69 | 42 | 36 | 28 |
| 2354 | 38 | 69 | 44 | 36 | 28 |
| 2454 | 39 | 69 | 44 | 38 | 28 |
| 2554 | 40 | 69 | 44 | 38 | 28 |
| 2654 | 41 | 69 | 44 | 38 | 28 |
| 2754 | 42 | 69 | 44 | 38 | 28 |
| 2854 | 43 | 69 | 46 | 38 | 28 |
| 2954 | 44 | 69 | 46 | 38 | 30 |
| 3054 | 45 | 69 | 46 | 40 | 30 |
| 3154 | 46 | 69 | 46 | 40 | 30 |
| 3254 | 47 | 69 | 46 | 40 | 30 |
| 3354 | 48 | 69 | 48 | 40 | 30 |
| 3454 | 49 | 69 | 48 | 40 | 30 |
| 3554 | 50 | 69 | 48 | 40 | 30 |
| 3654 | 51 | 69 | 48 | 42 | 30 |
| 3754 | 52 | 69 | 48 | 42 | 32 |
| 3854 | 53 | 69 | 50 | 42 | 32 |
| 3954 | 54 | 69 | 50 | 42 | 32 |
| 4054 | 55 | 69 | 50 | 42 | 32 |
| 4154 | 56 | 69 | 50 | 42 | 32 |
| 4254 | 57 | 69 | 50 | 44 | 32 |
| 4354 | 58 | 69 | 52 | 44 | 32 |
| 4454 | 59 | 69 | 52 | 44 | 32 |
| 4554 | 60 | 69 | 52 | 44 | 34 |
| 4654 | 61 | 69 | 52 | 44 | 34 |
| 4754 | 62 | 69 | 52 | 44 | 34 |
| 4854 | 63 | 69 | 54 | 46 | 34 |
| 4954 | 64 | 69 | 54 | 46 | 34 |
| 5054 | 65 | 69 | 54 | 46 | 34 |
| 5154 | 66 | 69 | 54 | 46 | 34 |
| 5254 | 67 | 69 | 54 | 46 | 34 |
| 5354 | 68 | 69 | 56 | 46 | 36 |
| 5454 | 69 | 69 | 56 | 48 | 36 |

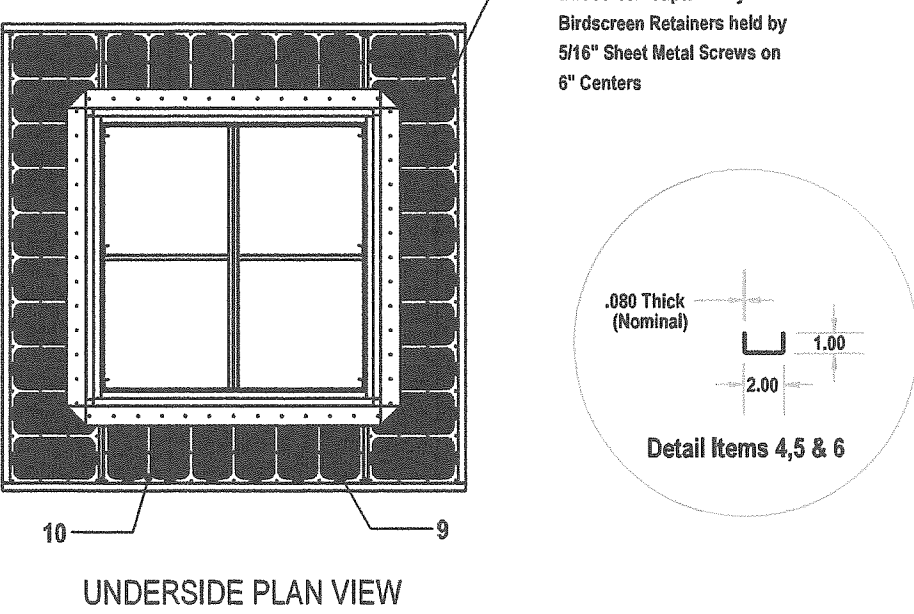
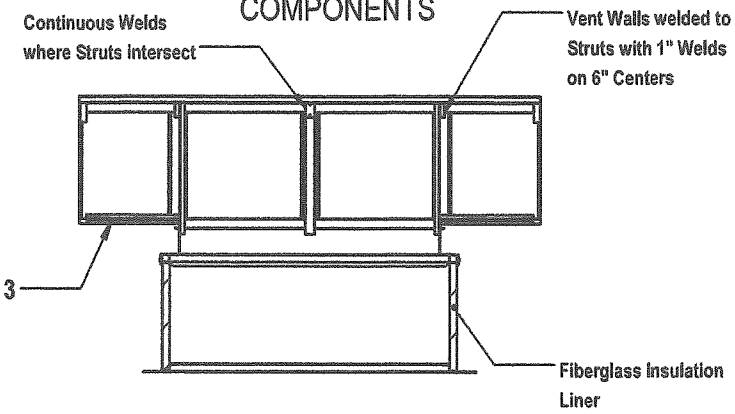
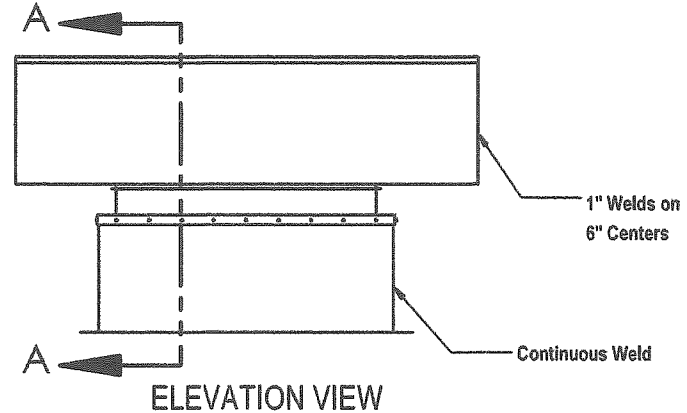
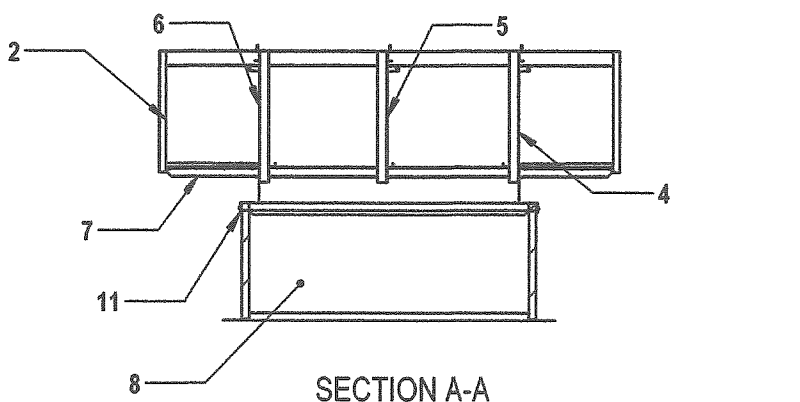
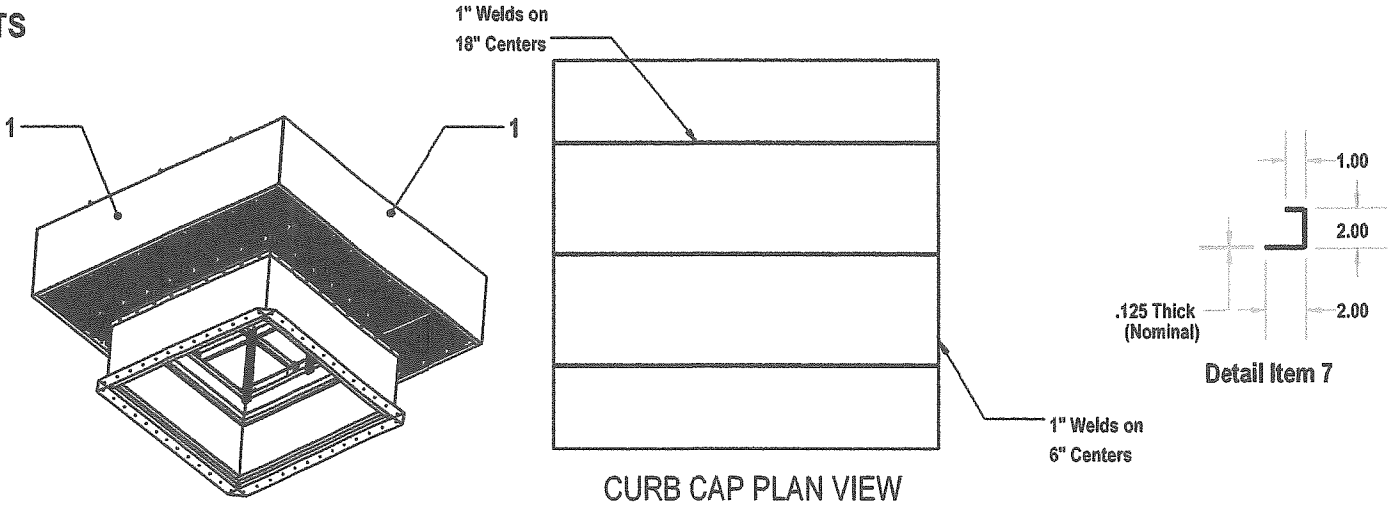
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED

BY CKD. DATE

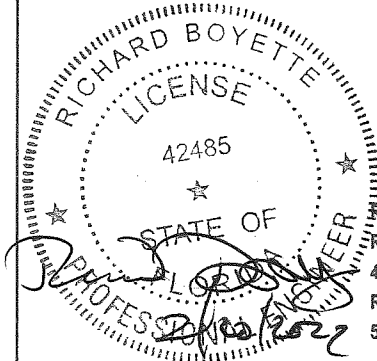
| | |
|---------------------------------------|--------------|
| TITLE: TEV-HV & TIV-HV - INSTALLATION | |
| Dwg. No. TEV-TIV-HV | REV - |
| DRAWN BY: NAB | SCALE: NTS |
| Date: 02/02/2021 | SHEET 3 OF 4 |

Large Missile Impact Resistant - TEV-HV & TIV-HV HURRICANE VENTS
Max Rated design pressure: +53.0 / -112.0 PSF

| Item | Part Description | Material Description |
|------|----------------------|--|
| 1 | Vent Wall | .063 Aluminum 3003-H14 |
| 2 | End Bracket | .050 Aluminum 3003-H14 |
| 3 | Intermediate Bracket | .080 Aluminum 3105-H14 |
| 4 | Hood Strut #1 | .080 Aluminum 3105-H14 |
| 5 | Hood Strut #2 | .080 Aluminum 3105-H14 |
| 6 | Hood Strut #3 | .080 Aluminum 3105-H14 |
| 7 | Hood Strut #4 | .080 Aluminum 3105-H14 |
| 8 | Curb Side Wall | .052 G90 Galvanized Steel |
| 9 | Birdscreen | #2 Mesh (.5 Centers) 19 Ga. Galv. W.H.C. |
| 10 | Birdscreen Retainer | .052 G90 Galvanized Steel |
| 11 | Curb Cap | .080 Aluminum 3003-H14 |



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1110.04
Approval Date 08/18/2022
By *[Signature]*
Miami-Dade Product Control



Richard Boyette, FL PE #42485
Rick Boyette Consulting Inc - REG. #9707
4031 Coconut Blvd
Royal Palm Beach, FL 33411
561-790-5766

LET. REVISION RECORD

BY CKD. DATE

ACME MANUFACTURING CORP.
6532 TOWER LANE, CLAREMORE, OK 74019
Phone (918) 266-3097 Fax (918) 266-3091
ENGINEERED PRODUCTS BY CRAFTSMEN

| | |
|---|---------------|
| TITLE: TEV-HV & TIV-HV FABRICATION DETAILS | |
| Dwg. No. TEV-TIV-HV | REV - |
| DRAWN BY: NAB | SCALE: NTS |
| Date: 02/18/2022 | SHEET 4 OF 4 |