



**MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

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

**NOTICE OF ACCEPTANCE (NOA)**

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

**Wayne Dalton a Div. of Overhead Door Corporation  
3395 Addison Drive  
Pensacola, FL 32514**

**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: Models C20 and C24 Code 2501 Steel Sectional Garage Door up to 14ft.-2in. Wide with Optional EPS Insulation and Impact Resistant Glazing**

**APPROVAL DOCUMENT:** Drawing No. **361778**, titled "Windload Commercial Sectional Steel Door, C20 and C24, +50/-56PSF Dade County, 14'2" Max. Width", sheets 1 through 4 of 4, dated 04/23/2018, with revision **P01** dated 07/19/2018, prepared by Wayne Dalton a Div. of Overhead Door Corporation, signed and sealed by Dwayne J. Kornish, P.E., bearing the Miami-Dade County Product Control revision stamp with the NOA number and expiration date by the Miami-Dade County Product Control Section.

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

**LABELING:** A permanent label with the manufacturer's name or logo, manufacturing address, model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's sidetrack, bottom angle, or inner surface of a panel.

**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 # 18-0122.03** and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

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



**NOA-No: 20-1106.09  
Expiration Date: November 01, 2023  
Approval Date: January 04, 2021**

**Wayne Dalton a Div. of Overhead Door Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER NOA #'s 18-0122.03**

**A. DRAWINGS**

1. Drawing No. **361778**, titled "Windload Commercial Sectional Steel Door, C20 and C24, +50/-56PSF Dade County, 14'2" Max. Width", sheets 1 through 4 of 4, dated 04/23/2018, with revision **P01** dated 07/19/2018, prepared by Wayne Dalton a Div. of Overhead Door Corporation, signed and sealed by Dwayne J. Kornish, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
4) Forced Entry Test, per FBC, TAS 202-94  
5) Tensile Test per ASTM E8  
along with marked-up drawings of a 14' -2" Wide Models C20 and C24 Steel Sectional Doors, prepared by Intertek, Test Report No. **G6343.01-801-18-R2**, dated 10/24/2017, with revision dated 07/28/2018, signed and sealed by Tyler Westerling, P.E.
2. Test report on salt spray exposure, per ASTM B117-16 on G40 and G90 coupons, prepared by Intertek, Report No. **I1314.01-106-18R0**, dated 05/11/2018, signed by Gary T. Hartman.

**C. CALCULATIONS**

1. Anchorage verification calculations prepared by Wayne Dalton a Div. of Overhead Door Engineering, dated 07/18/2018, signed and sealed by Dwayne J. Kornish, P.E.

**D. MATERIAL CERTIFICATIONS**

1. Test report on the EPS Insulation, D.F. Self-Ignition Temperature per ASTM D1929-2016, Test Report # **103445527MID-002**, prepared by Intertek, dated 03/23/2017, signed by Bryan Bowman.
2. UL evaluation report on Styropek EPS insulations' Surface Burning Characteristics (Flame Spread and Smoke Density Index) per ANSI/UL723 (ASTM E84), prepared by UL Inc., Test Report # **UL ER38219-01** and dated 04/08/2015.
3. Notice of Acceptance No. **17-0410.01**, issued to Covestro, LLC, for their Makrolon Polycarbonate Sheets, approved on 06/08/2017 and expiring on 08/27/2022.

**E. QUALITY ASSURANCE**

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

**F. STATEMENTS**

1. Statement letter of code conformance to the 6<sup>th</sup> edition (2017) FBC issued by Overhead Door Corporation, dated 09/12/2018, signed and sealed by Dwayne J. Kornish, P.E.
2. No financial interest letter issued by Overhead Door Corporation, dated 09/12/2018, signed and sealed by Dwayne J. Kornish, P.E.



**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA-No: 20-1106.09**

**Expiration Date: November 01, 2023**  
**Approval Date: January 04, 2021**

**Wayne Dalton a Div. of Overhead Door Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. None.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Test report on flame spread and smoke developed of BASF polyurethane foam per ASTM E84, Test Report # RJ7233F-1, dated 10/14/2019, prepared by QAI Laboratories, Inc. and signed by Brian Ortega.
2. Test report on ignition temperature of BASF polyurethane foam per ASTM D1929, Test Report # 10399361SAT-4, dated 10/14/2019, prepared by Intertek Building & Construction (B&C), signed by Servando Romo.
3. Notice of Acceptance No. **18-0918.06** issued to Plaskolite, LLC for its TUFFAK Polycarbonate Sheets, approved on 11/15/2018 and expiring on 08/27/2022.

**F. STATEMENTS**

1. Statement letter of code conformance to the **7<sup>th</sup> edition (2020) FBC**, issued by Wayne Dalton a Div. of Overhead Door Corporation, dated 01/21/2021, signed and sealed by Dwayne J. Kornish P.E.



---

**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA-No: 20-1106.09**

**Expiration Date: November 01, 2023**  
**Approval Date: January 04, 2021**

3. RATED DESIGN LOAD +50/-56 PSF.
2. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS, 24" MAXIMUM SECTION HEIGHT.
3. MINIMUM 1" OVERLAP ON BOTH JAMBS REQUIRED TO MEET NEGATIVE DESIGN PRESSURES.
4. TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS TAS 201-94, TAS 202-94, & TAS 203-94.
5. DOOR SKIN MUST BE 50,000 PSI MIN. YIELD STRENGTH.
6. JAMB LOAD CALCULATIONS:  
$$(1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$$
$$(7.067)(1 \text{ FOOT})(50.00 \text{ AND } -56.00)(353.4/-395.8) \text{ LB.}$$
7. JAMB FASTENER REQUIREMENTS:  
$$F_b = (1/2 \text{ DOOR WIDTH})(1 \text{ FT OF HEIGHT})(\text{DESIGN PRESSURE})$$
$$F_b = 354 \text{ LBS.}$$
8. DOOR SKIN MATERIAL SHALL BE GALVANIZED ACCORDING TO ASTM A-525 TO G40 MIN, WITH BAKED-ON PRIMER, AND BAKED-ON POLYESTER PAINT TOP COAT.
9. FOR ANCHORING INTO WOOD, USE ONE 5/16" LAG SCREW PER TRACK CLIP WITH 1-1/2" EMBEDMENT INTO SOUTHERN PINE (G=0.55) OR BETTER.
10. APPROVED INSULATED AND NON-INSULATED: C-24 (24 GA), C-20 (20 GA).
11. WELD SLOT ON ANGLE AND 3/32" X 1" LONG ON 12" CENTERS. "IF WELDING MOUNTING OPTION IS CHOSEN."
12. LIFT UP MECHANISM-MANUAL, CHAIN LIFT, OR OPERATOR IS NOT PART OF THIS APPROVAL.
13. STANDARD LIFT, HIGH LIFT, VERTICAL LIFT, AND LOW HEADROOM TRACK IS AVAILABLE. FOR LOW HEADROOM LIFT CONDITIONS TOP BRACKET SHALL BE 13 GA LHR 7/4 TOP BRACKET WITH A MIN OF (3) 1/4 - 14 X 7/8" SELF DRILLING CRIMPITITE SCREWS IN LIEU OF THE BRACKET SHOWN ON DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
14. ATTACH STRUTS WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPITITE SCREWS AT ALL STILE LOCATIONS, TYP. LOCATED WITHIN 6" , +/- 3" FROM TOP OF SECTION.
15. KEY LOCK, SIDE LOCK, OR OPERATOR REQUIRED.
16. EXHAUST PORTS- OPTIONAL UP TO 6 PER BOTTOM SECTION.
17. IMPACT RESISTANT GLAZING OPTION- IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED INTERMEDIATE SECTION ONLY. GLAZING SHALL BE 1/4" POLYCARBONATE. 13-3/4" X 20-1/8" MAXIMUM SIZE, FASTENED WITH # 8 X 1" SMS: 3X MAX ALONG THE HORIZONTAL AND 2X MAX ALONG THE VERTICAL. SEE DETAIL F-F ON SHEET 2 FOR ASSEMBLY DETAILS.
18. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

1" OVERLAP

20 GA X 3" WIDE STEEL END STILES, (OUTSIDE END STILE ARE ONLY WOOD FILLED WITH #3 GRADE SPF (G=0.42)) ATTACHED TO DOOR SKIN WITH ADHESIVE

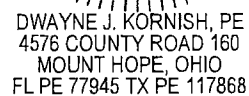
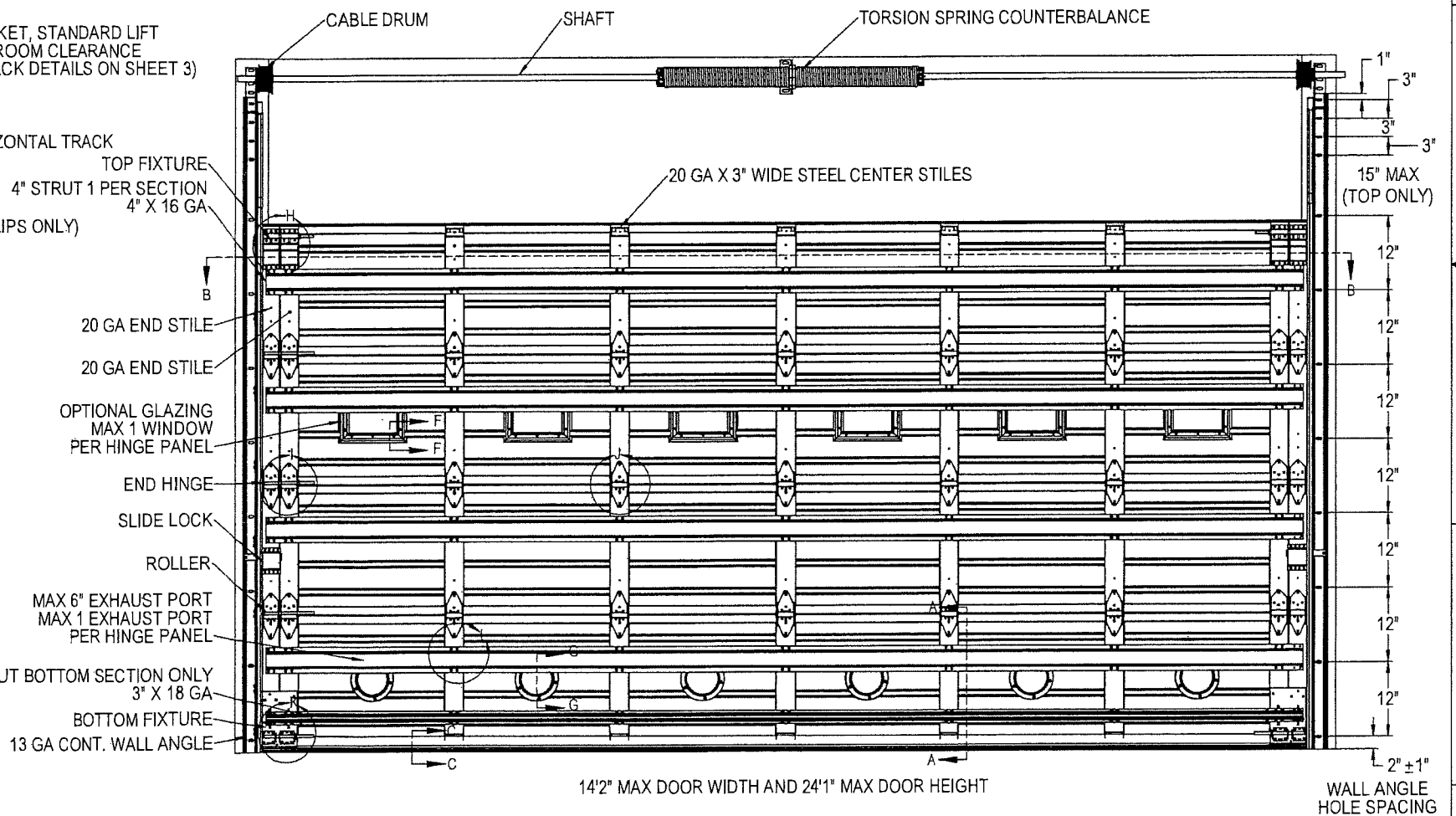
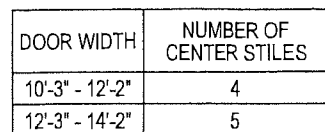
20 GA X 3" WIDE STEEL CENTER STILES, ATTACHED TO DOOR SKIN WITH ADHESIVE

1" OVERLAP

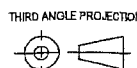
DOOR JAMB

COAT.

By [Signature]  
Miami-Dade Product Control



PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR  
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.



A DIVISION OF OVERHEAD  
DOOR CORP  
3395 ADDISON DRIVE  
PENSACOLA, FLORIDA 32514  
(850)-474-9890

INTERPRET DIMS & TOLS  
PER ASME Y14.5M  
ALL DIMS ARE IN  
INCHES

DO NOT SCALE

4 DIMS CIRCLED WITH SYMBOL 'O' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS

TOLERANCES:

$\begin{aligned}
.X &= \pm .1 \\
.XX &= \pm .03 \\
.XXX &= \pm .010 \\
\text{ANGULAR} &= \pm .5^\circ
\end{aligned}$

HOLES:  
 $< \varnothing.251 = +.004/-.003$   
 $\varnothing.251-\varnothing.500 = +.006/-.003$   
 $> \varnothing.500 = +.008/-.003$

F.S. ALL GEOMETRY GOVERNED BY 3D CAD DATABASE:  
361778

APPROVALS	DATE
-----------	------

DRAWN	E. CONRAD	4/23/18
CHECKED	D. KORNISH	-
APPROVED	-	-
MATERIAL	-	
FINISH	-	

WINDLOAD SPECIFICATION  
OPTION CODE 2501



**Wayne Dalton**  
GARAGE DOORS

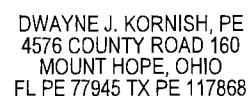
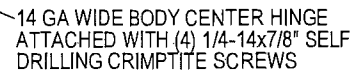
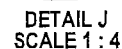
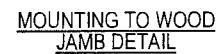
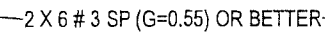
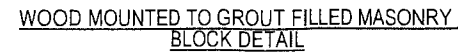
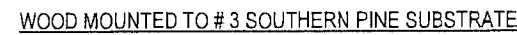
PENSACOLA, FLORIDA

DESCRIPTION	WINDLOAD COMMERCIAL SECTIONAL STEEL DOOR, C20 AND C24, +50/-56PSF DADE COUNTY, 14'2" MAX WIDTH
-------------	--

SIZE	DWG NO.
D	D-36

SCALE 1:12	UOM = EA	SHEET 1 OF 4
------------	----------	--------------

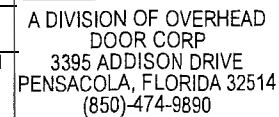




PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR  
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

By [Signature]  
Miami-Dade Product Control

By   
Miami-Dade Product Control



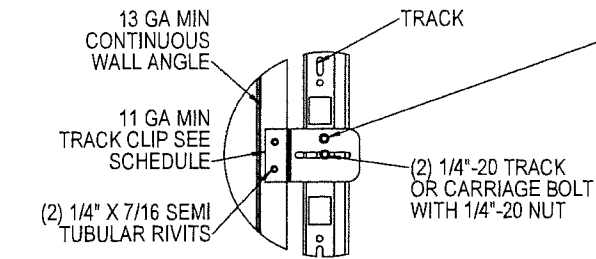
4 DIMS CIRCLED WITH SYMBOL 'O' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.

S. ALL GEOMETR

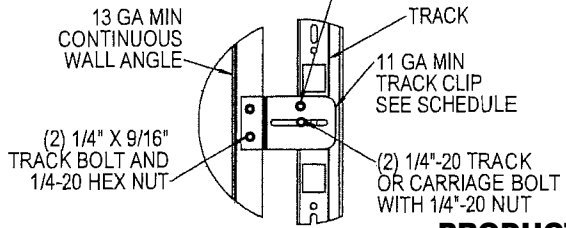
Y 3D CAD DATABASE:  
361778

SCALE 1:12    UOM = EA    SHEET 2 OF 4

NOTES: (UNLESS OTHERWISE SPECIFIED)  
1. ONE 4" STRUT PER SECTION, AND ONE 3" STRUT PER BOTTOM SECTION, ATTACHED WITH 1/4-14X7/8" SELF DRILLING CRIMPTITE SCREWS.

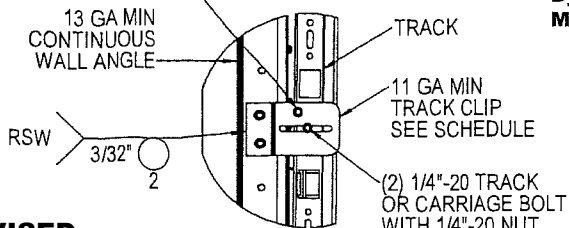


TYPICAL TRACK CLIP  
RIVETING DETAIL



TYPICAL TRACK CLIP  
BOLTING DETAIL

DETAIL M  
SCALE 1:4



TYPICAL TRACK CLIP  
WELDING DETAIL

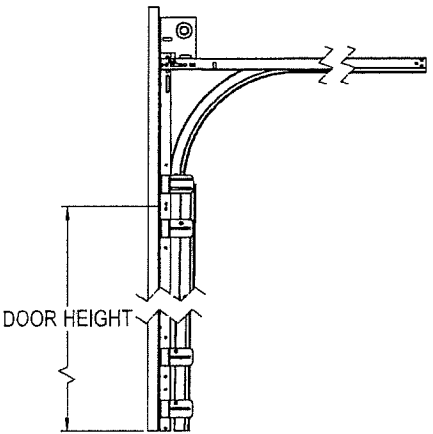
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1106.09  
Expiration Date 11/01/2023

By   
Miami-Dade Product Control

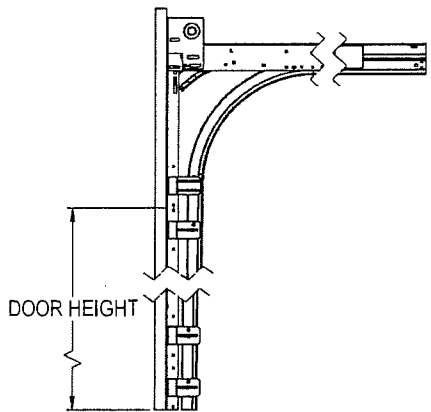
**PRODUCT APPROVED**  
as complying with the Florida  
Building Code  
NOA-No. 18-0122.03

Approval Date 11/01/2018

By   
Miami-Dade Product Control

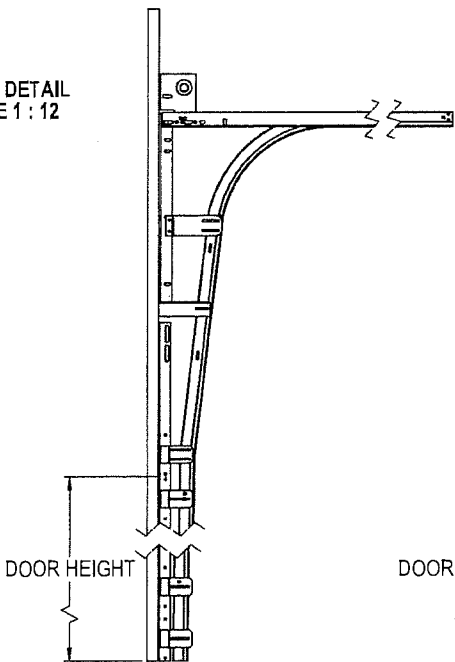


STANDARD LIFT  
TRACK DETAIL

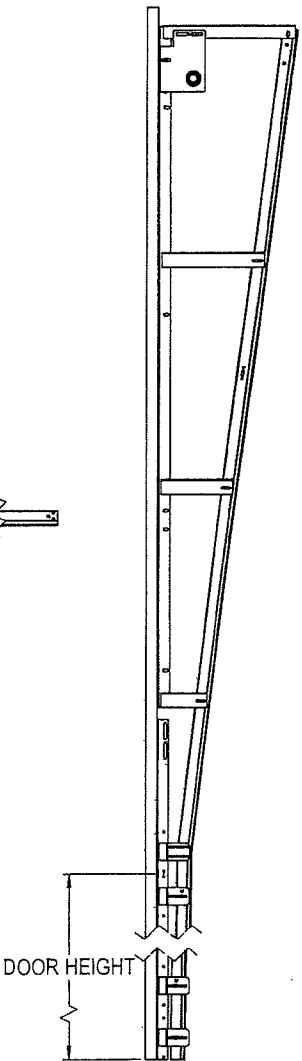


LOW HEADROOM  
TRACK DETAIL

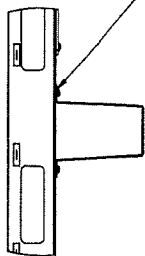
TRACK DETAIL  
SCALE 1:12



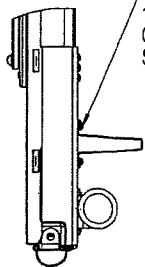
HIGH LIFT  
TRACK DETAIL



VERTICAL LIFT  
TRACK DETAIL



DETAIL N  
SCALE 1:4



DETAIL O  
SCALE 1:4

ATTACH 4" STRUTS WITH (4) 1/4-14X7/8" SELF DRILLING CRIMPTITE SCREWS AT ALL STILE LOCATION. LOCATED WITHIN 6", +/- 3" FROM TOP OF SECTIONS

(7) SECTION DOORS WITH (7) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

(6) SECTION DOORS WITH (6) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

(5) SECTION DOORS WITH (5) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

(4) SECTION DOORS WITH (4) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

ATTACH 3" STRUTS WITH (4) 1/4-14X7/8" SELF DRILLING CRIMPTITE SCREWS AT ALL STILE LOCATION

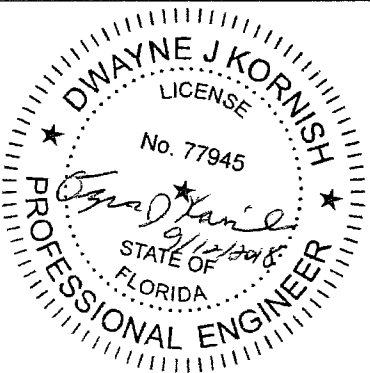
(9) SECTION DOORS WITH (9) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

(8) SECTION DOORS WITH (8) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

(11) SECTION DOORS WITH (11) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

(12) SECTION DOORS WITH (12) 4" 16 GA 80 KSI U- BARS LOCATED AS SHOWN

STRUT LOCATIONS  
SCALE 1:16

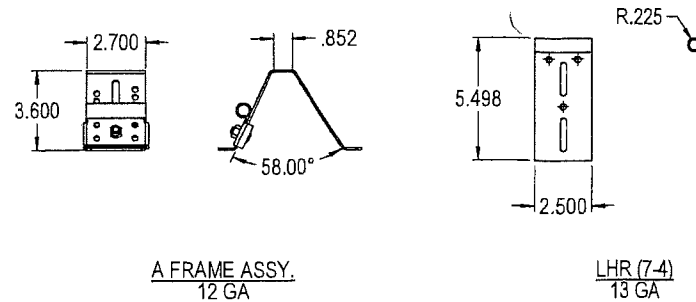


DWAYNE J. KORNISH, PE  
4576 COUNTY ROAD 160  
MOUNT HOPE, OHIO  
FL PE 77945 TX PE 117868

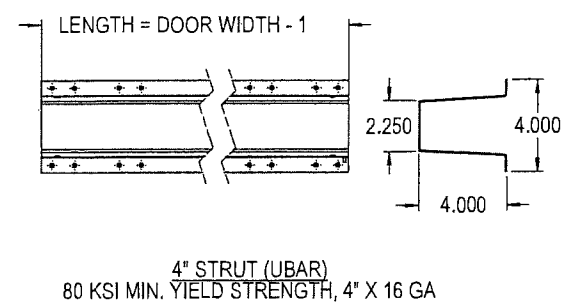
PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR  
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED		APPROVALS DATE		Wayne Dalton		PENSACOLA, FLORIDA	
	A DIVISION OF OVERHEAD DOOR CORP 3395 ADDISON DRIVE PENSACOLA, FLORIDA 32514 (850)-474-9890	INTERPRET DIMS & TOLS PER ASME Y14.5M ALL DIMS ARE IN INCHES DO NOT SCALE DIM CIRCLED WITH SYMBOL 'C' ARE CRITICAL TO QUALITY DESIGN FEATURES & MUST MEET APPLICABLE IN-PROCESS INSPECTION STANDARDS.	TOLERANCES: X = ± .1 XX = ± .03 XXX = ± .010 ANGULAR = ± .5 ° HOLES: < Ø.251 = +.004/- .003 Ø.251-Ø.500 = +.006/- .003 > Ø.500 = +.008/- .003 ALL GEOMETRY GOVERNED BY 3D CAD DATABASE: 361778	DRAWN E. CONRAD 4/23/18 CHECKED D. KORNISH - APPROVED - - MATERIAL - - FINISH - -	WINDLOAD SPECIFICATION OPTION CODE 2501	DESCRIPTION WINDLOAD COMMERCIAL SECTIONAL STEEL DOOR, C20 AND C24, +50/-56PSF DADE COUNTY, 14'2" MAX WIDTH	SIZE DWG NO. D D-361778	REV P-00	SCALE 1:12 UOM = EA SHEET 3 OF 4

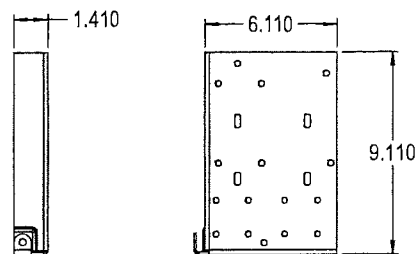
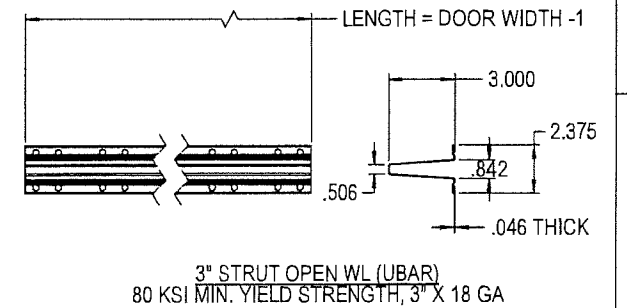
NOTES: (UNLESS OTHERWISE SPECIFIED)  
1. FOR DIMENSIONS AND NOTE REFERENCES, REFER TO INDIVIDUAL DRAWINGS.



TOP FIXTURE DETAILS

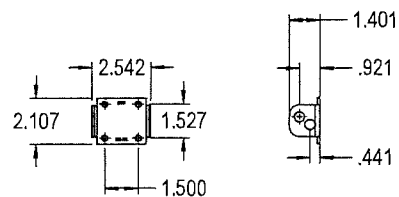


STRUT DETAILS

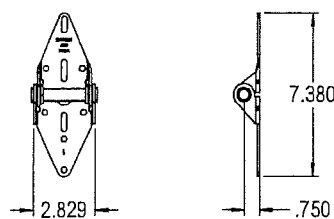


DOUBLE ENDSTILE  
11 GA

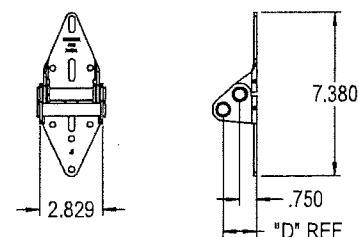
BOTTOM FIXTURE DETAILS



2" AND 3" ROLLER CARRIER  
12 GA

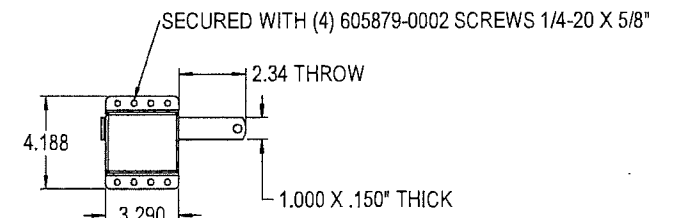


CENTER HINGE  
14 GA



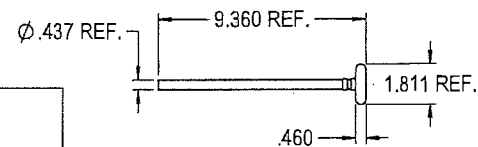
END HINGE  
11 GA

HINGE DETAILS

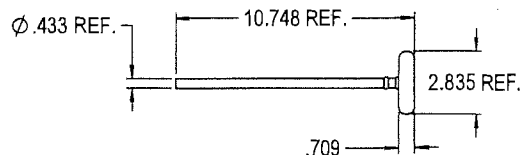


SIDE LOCK ASSY

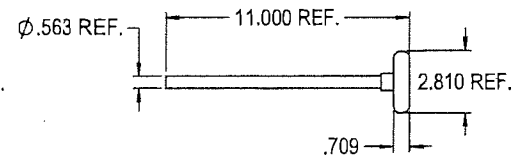
LOCK DETAILS



ROLLER ASSY. 2" WL 1144

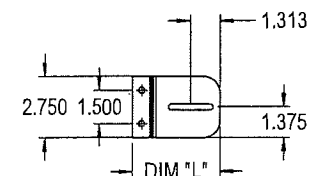


ROLLER ASSY. 3" 7/16" STEM

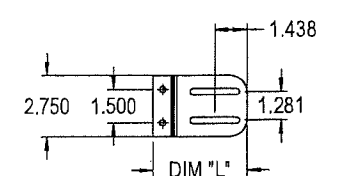


ROLLER ASSY. 3" 9/16" STEM

ROLLER STEM ASSY DETAILS

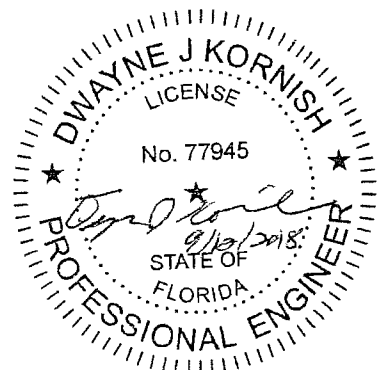


TRACK CLIP  
11 GA



JOINT BRACKET  
11 GA

BRACKET DETAILS



DWAYNE J. KORNISH, PE  
4576 COUNTY ROAD 160  
MOUNT HOPE, OHIO  
FL PE 77945 TX PE 117868

PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR  
VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

**PRODUCT APPROVED** as complying with the Florida Building Code  
NOA-No. **18-0122.03**  
Approval Date **11/01/2018**  
By **Miami-Dade Product Control**

**PRODUCT REVISED** as complying with the Florida Building Code  
NOA-No. **20-1106.09**  
Expiration Date **11/01/2023**  
By **Miami-Dade Product Control**

THIRD ANGLE PROJECTION  
A DIVISION OF OVERHEAD  
DOOR CORP  
3395 ADDISON DRIVE  
PENSACOLA, FLORIDA 32514  
(850)-474-9890

UNLESS OTHERWISE SPECIFIED  
INTERPRET DIMS & TOLS  
PER ASME Y14.5M  
ALL DIMS ARE IN  
INCHES  
DO NOT SCALE  
DIMS CIRCLED WITH SYMBOL 'C'  
ARE CRITICAL TO QUALITY DESIGN  
FEATURES & MUST MEET APPLICABLE  
IN-PROCESS INSPECTION STANDARDS.

TOLERANCES:  
X = ±  
XX = ±  
XXX = ±  
ANGULAR = ± °  
HOLES:  
< Ø.251 = ±  
Ø.251-Ø.500 = ±  
> Ø.500 = ±

APPROVALS DATE  
DRAWN E. CONRAD 4/23/18  
CHECKED D. KORNISH  
APPROVED  
MATERIAL  
FINISH  
WINDLOAD SPECIFICATION  
OPTION CODE 2501

Wayne Dalton GARAGE DOORS PENSACOLA, FLORIDA  
DESCRIPTION  
WINDLOAD COMMERCIAL SECTIONAL  
STEEL DOOR, C20 AND C24, +50/-56PSF  
DADE COUNTY, 14'2" MAX WIDTH  
SIZE DWG NO.  
D D-361778  
REV P-00  
SCALE 1:12 UOM = EA SHEET 4 OF 4