



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

Quality Engineered Products Co., Inc.
4506 Quality Lane
Tampa, FL 33634

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: Series "HMS" Glazed 16 ga Steel Storefront System-Impact

APPROVAL DOCUMENT: Drawing No. QEP004 Rev 2, titled "Storefront System (LMI)", sheets 1 through 16 of 16, prepared by manufacturer, dated 02/26/16 and last revised on 03-03-21, signed and sealed by David M. Schonacher, P. E., 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

Limitations:

1. Louvered Transom, as part of Storefront, is **not** approved where Air & Water infiltration is needed.
2. See approved installation substrates in sheet 8 thru 12. Item # 5 (Welded pipe Sleeve) is required with 1/2" Sleeve w/ 3/8" bolt anchors (thru storefront frames) into Concrete or grout filled CMU or block substrates. Illustrative frame Hinge Jamb detail A/16 on sheet 16 to be mounted per installation details sheets 8 thru 10.
4. See Precision Removable door mullion installation details in sheet 10.
5. See vertical & horizontal 16 ga steel (6" deep) mullion (item#14) details in sheets 7 & 16.
6. Approved EPS core by Dynaplast (Former Apache) having current NOA.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

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

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

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

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

This NOA revises NOA #19-0603.04 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



Ishaq I. Chanda

NOA No. 20-1123.19
Expiration Date: August 27, 2024
Approval Date: April 01, 2021
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. **EVIDENCE SUBMITTED** under previous NOA

A. **DRAWINGS**

1. Manufacturer's die drawings and sections (Submitted under files #12-1115.11 /# 09-0617.03)
2. Drawing No. **QEP004**, titled "Storefront System (LMI)", sheets 1 through 13 of 13, prepared by manufacturer, dated 06/10/09 and last revised on 10/07/09, signed and sealed by David M. Schonacher, Jr., P. E.

B. **TESTS** (Submitted under files #12-1115.11 /# 09-0617.03/ #04-0218.01)

1. Test reports on 1) Air Infiltration Test, per FBC TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202.
3) Water Resistance Test per FBC TAS 202-94.
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC and TAS 202-94

Along with marked-up drawings and installation diagram of glazed steel storefront, prepared by Certified Testing Laboratories Inc., Test Reports No(s). **CTLA 976W-1, 976W-2, 1976W-3 and 1976W-4**, dated December 08, 2003, signed & sealed by Ramesh Patel, P. E

Note: This test report has been revised by addendum letter dated May 06, 2004 and 09-15-09, issued by Certified Testing Lab. Inc, signed & sealed by Ramesh Patel, P. E.

C. **CALCULATIONS**

1. Anchor verification calculations, dated 10-07-09, prepared, signed and sealed by David M. Schonacher, Jr., P.E. (Submitted under file # 09-0617.03).

D. **QUALITY ASSURANCE**

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

E. **MATERIAL CERTIFICATIONS**

1. Tensile test report prepared by Certified Testing Laboratories Inc., Test Report No. **CTL 1023J (CTL976W-1, 2, 3 & 4)**, tested per ASTM E-A370-97, dated December 11, 2003, signed and sealed by Ramesh Patel, P. E. (Submitted under file # 09-0617.03)
2. Notice of Acceptance No. **11-0926.07** issued to Dyplastic Products, LLC (former Apache Products Co) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/2017.
3. Notice of Acceptance No. **13-1126.20** issued to Allnex, USA, Inc. (former Cytec Industries Inc.) for "Uvekool-S Laminated Glass interlayer", expiring on 02/08/2019.

F. **STATEMENTS**

1. Statement letter of conformance to FBC 2010 and "no financial interest", dated 01/15/13, signed and sealed by David M. Schonacher Jr., P. E.
2. Statesman letter of conformance to FBC 2007 and "No financial interest", dated August 27, 2009, signed and sealed by David M. Schonacher Jr., P. E. (Submitted under file # 09-0617.03)
3. Statement letter of compliance, as a part of the above referenced test reports.

G. **OTHER**

1. This revises **NOA # 12-1115.11**, expiring August 27, 2019.
2. Test Proposal by Q. E. P. dated September 19, 2002, approved by BCCO.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1123.19
Expiration Date: August 27, 2024
Approval Date: April 01, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. **EVIDENCE SUBMITTED** under file #15-0422.06

A. **DRAWINGS**

1. Drawing No. QEP004, titled "Storefront System (LMI)", sheets 1 through 13 of 13, prepared by manufacturer, dated 06/10/09 and last revised on 10/07/09, signed and sealed by David M. Schonacher, Jr., P. E.

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. Notice of Acceptance No. 16-1129.05 issued to Dyplastic Products, LLC (former Apache Products Co) for "E & R Expanded Rigid Foam Insulation", expiring on 01/11/2022.
2. Notice of Acceptance No. 17-0919.09 issued to Allnex, USA, Inc. (former Cytec Industries Inc.) for "Uvekol-S Laminated Glass interlayer", expiring on 02/08/2019.

F. **STATEMENTS**

1. Statement letter of conformance to FBC 2017 (6th Edition) and "no financial interest", dated 12/01/17, signed and sealed by David M. Schonacher Jr., P. E.

G. **OTHER**

1. This revises NOA # 15-0422.06, expiring August 27, 2019.

3. **NEW EVIDENCE SUBMITTED**

A. **DRAWINGS**

1. Drawing No. QEP004, titled "Storefront System (LMI)", sheets 1 through 13 of 13, prepared by manufacturer, dated 06/10/09 and last revised on 10/07/09, signed and sealed by David M. Schonacher, J. R., P. E.

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. Notice of Acceptance No. 17-0919.09 issued to Allnex, USA, Inc. (former Cytec Industries Inc.) for "Uvekol-S Laminated Glass interlayer", expiring on 02/08/2019.

F. **STATEMENTS** (submitted under file #17-1102.04)

1. Statement letter of conformance to FBC 2017 (6th Edition) and "no financial interest", both dated 12/01/17, signed and sealed by David M. Schonacher Jr., P. E.

G. **OTHER**

1. This renews NOA # 19-0221.01, expiring 02/08/24.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1123.19
Expiration Date: August 27, 2024
Approval Date: April 01, 2021

Quality Engineered Products Co, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **QEP004 Rev 2**, titled "Storefront System (LMI)", sheets 1 through 16 of 16, prepared by manufacturer, dated 02/26/16 and last revised on 03-03-21, signed and sealed by David M. Schonacher, J. R., P. E.

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. Notice of Acceptance No. **20-0901.03** issued to Allnex, USA, Inc. (former Cytec Industries Inc.) for "Uvekol-S Laminated Glass interlayer", expiring on 02/08/2024.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition) and "no financial interest", both dated March 03, 2021, signed and sealed by David M. Schonacher Jr., P. E.

G. OTHER

1. This revises **NOA # 19-0603.04**, expiring 02/08/24.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 20-1123.19
Expiration Date: August 27, 2024
Approval Date: April 01, 2021

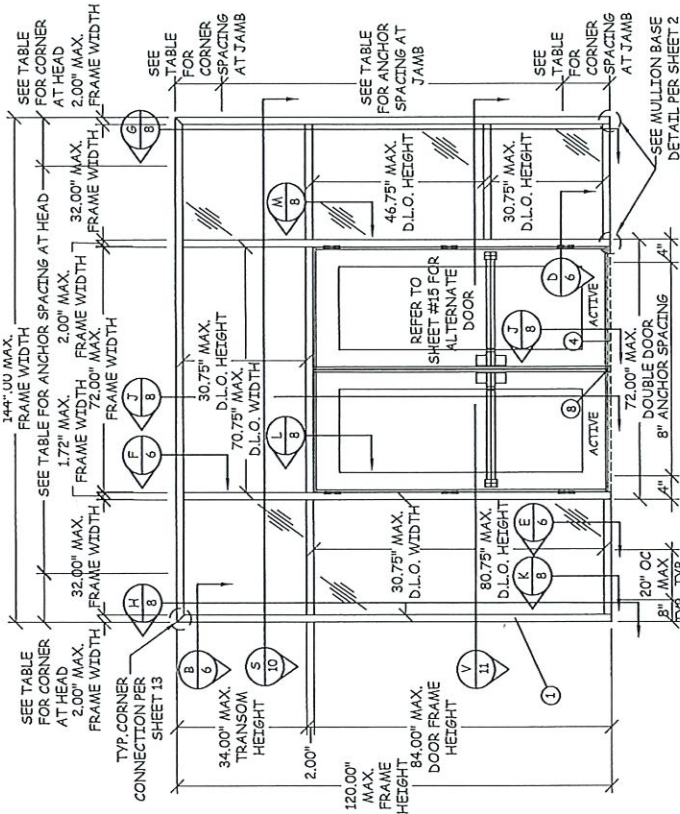
STOREFRONT SYSTEM - IMPACT

GENERAL NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES), TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR (WITH LOAD BEARING SHIMS), MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH, SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS (SHIMS) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER, (ALUMINUM OR SS)
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. FOR GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - a. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - b. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - c. GROUTED MASONRY - STRENGTH CONFORMANCE TO ASTM C90, NORMAL WEIGHT WITH 2 KSI STRENGTH (OR GREATER) WITH MINIMUM 3,000 PSI GROUT.
 - d. STRUCTURAL STEEL - MEMBER TO COMPLY WITH AISC 360. ADEQUACY OF METAL STRUCTURE TO BE VERIFIED BY BUILDING OFFICIAL.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1123.19

Expiration Date 08/27/2024
By Shay L. Lhanda
Miami-Dade Product Control



Anchor and Spacing Table

ANCHOR	SUBSTRATE	MAX SPACING		JAMB		HEAD	
		JAMB	HEAD	NUMBER OF ANCHORS	MAX CORNER SPACING	NUMBER OF ANCHORS	MAX CORNER SPACING
1	CONC	18"	20"	7 TOTAL	5"	8 TOTAL	5"
2	STEEL	12"	12"	11	5"	13	5"

DESIGN PRESSURE RATING (STOREFRONT SYSTEM)			WINDSEAL & WATER INTEGRITY REQUIREMENTS ARE NOT NEEDED	WINDSEAL IMPACT RATING
WHERE AIR & WATER RESISTANCE IS NEEDED	WHERE AIR & WATER RESISTANCE IS NOT NEEDED	WINDSEAL IMPACT RATING		
POSITIVE	+60 PSF	+60 PSF	LARGE & SMALL WINDSEAL IMPACT RATING	
NEGATIVE	-60 PSF	-60 PSF	LARGE & SMALL WINDSEAL IMPACT RATING	

REVISIONS

REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	2014 FBC	CD	02/26/16
2	2020 FBC	TA	02/15/21

STORFRONT SYSTEM (LMI)
LOUVER ELEVATION
& DETAILS
PREPARED FOR:
QUALITY ENGINEERED PRODUCTS
4506 QUALITY LN.
TAMPA, FL 33634
PX: 813.884.2673

Quality
Engineered
Products
Co., Inc.

A circular professional engineer seal for Cody C. Davis, State of Florida, License No. 75154, Mechanical Engineering. The seal features a central emblem with a gear and a star, surrounded by the text "CODY C. DAVIS", "LICENSE NO. 75154", "STATE OF FLORIDA", and "PROFESSIONAL ENGINEER - MECHANICAL".

DATE: 02.26.16
DWN BY: GRN
CHK BY: CCD
SCALE: NTS

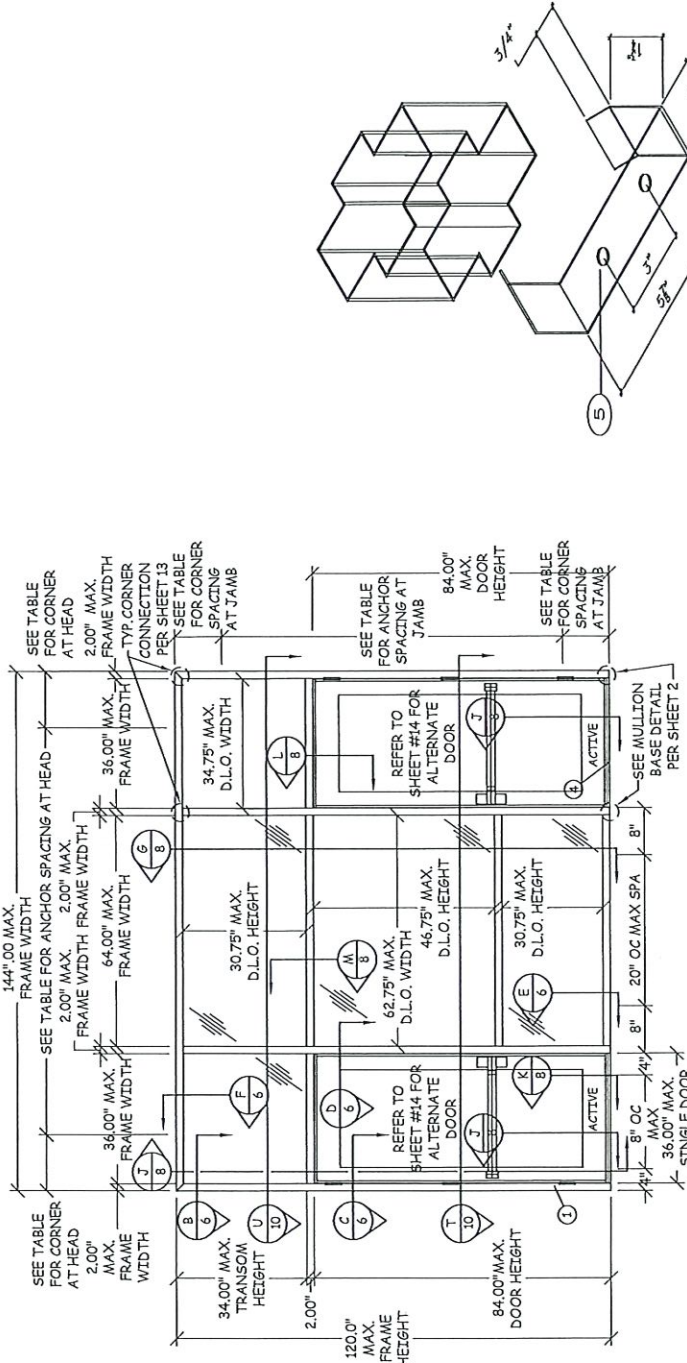
Quality
Engineered
Products Co., Inc.

TITLE:
STOREFRONT SYSTEM (L.M.I.)
LOUVER ELEVATION
& DETAILS
PREPARED FOR:
QUALITY ENGINEERED PRODUCTS
TAMPA, FL 33634
PH: 813.851.693 FX: 813.851.2673

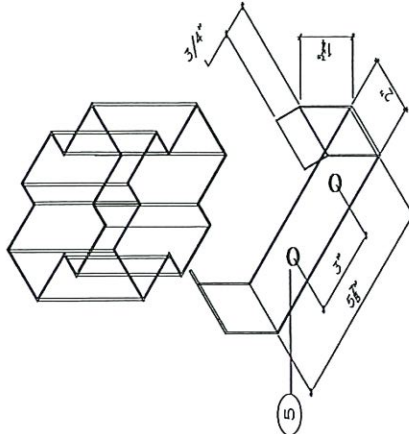
REVISIONS	
BY	DATE
CD	02.26.16
TA	02.15.21
DESCRIPTION	
2014 FBC	
2020 FBC	



DATE:	02.26.16
DWG #:	QEP004
SHEET:	2 OF 16
SCALE:	NTS
CHK BY:	CD
GRN	
DWN BY:	



MULLION BASE DETAIL



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1123.19
Expiration Date 08/27/2024
By 15mg i. Lhnd
Miami-Dade Product Control

OUTSWING DOOR
(INTERIOR VIEW)

DESIGN PRESSURE RATING (STOREFRONT SYSTEM)	
WIND AIR & WATER INFILTRATION REQUIREMENTS IS NOT NEEDED	MISSILE IMPACT RATING
POSITIVE	LARGE & SMALL MISSILE IMPACT RATED
NEGATIVE	LARGE & SMALL MISSILE IMPACT RATED

Anchor and Spacing Table			
ANCHOR	SUBSTRATE	MAX SPACING	HEAD
TYPICAL	CONC	18"	20"
	STEEL	12"	12"
NUMBER OF MAX CORNER ANCHORS		NUMBER OF MAX CORNER ANCHORS	
7 TOTAL		8 TOTAL	
8"		8"	
13		5"	



By Shang L. Zhang
Miami-Dade Product Control

SOLUTION ADDRESSING THE ISSUE OF FLOODING RIVERS		WHERE A WATER INFRASTRUCTURE REQUIREMENTS IS NOT NEEDED	MISSILE IMPACT RATING
POSITIVE	+60 PSF	+60 PSF	LARGE & SMALL MISSILE IMPACT RATED
NEGATIVE	-60 PSF	-60 PSF	LARGE & SMALL MISSILE IMPACT RATED

DATE:	02.26.16	DWN BY:	GRN	CHK BY:	CCD	SCALE:	NTS
DWG #: QEP004							
SHEET: 3 OF 16							

Quality
Engineered
Products Co., Inc.

TITLE: STOREFRONT SYSTEM (LWI) & DETAILS PREPARED FOR:	QUALITY ENGINEERED PRODUCTS 4506 QUALITY LN. TAMPA, FL 33634 PH. 813.855.1693 FX: 813.884.2673
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REVISIONS		
DESCRIPTION	BY	DATE
2014 FBC	CD	02.26.16
2020 FBC	TA	02.15.21





Quality
Engineered
Products, Inc.

TITLE:
STOREFRONT SYSTEM (LMI)
CONFIGURATIONS
PREPARED FOR:
QUALITY ENGINEERED PRODUCTS
TAMPA, FL 33634
PK: 8138442673

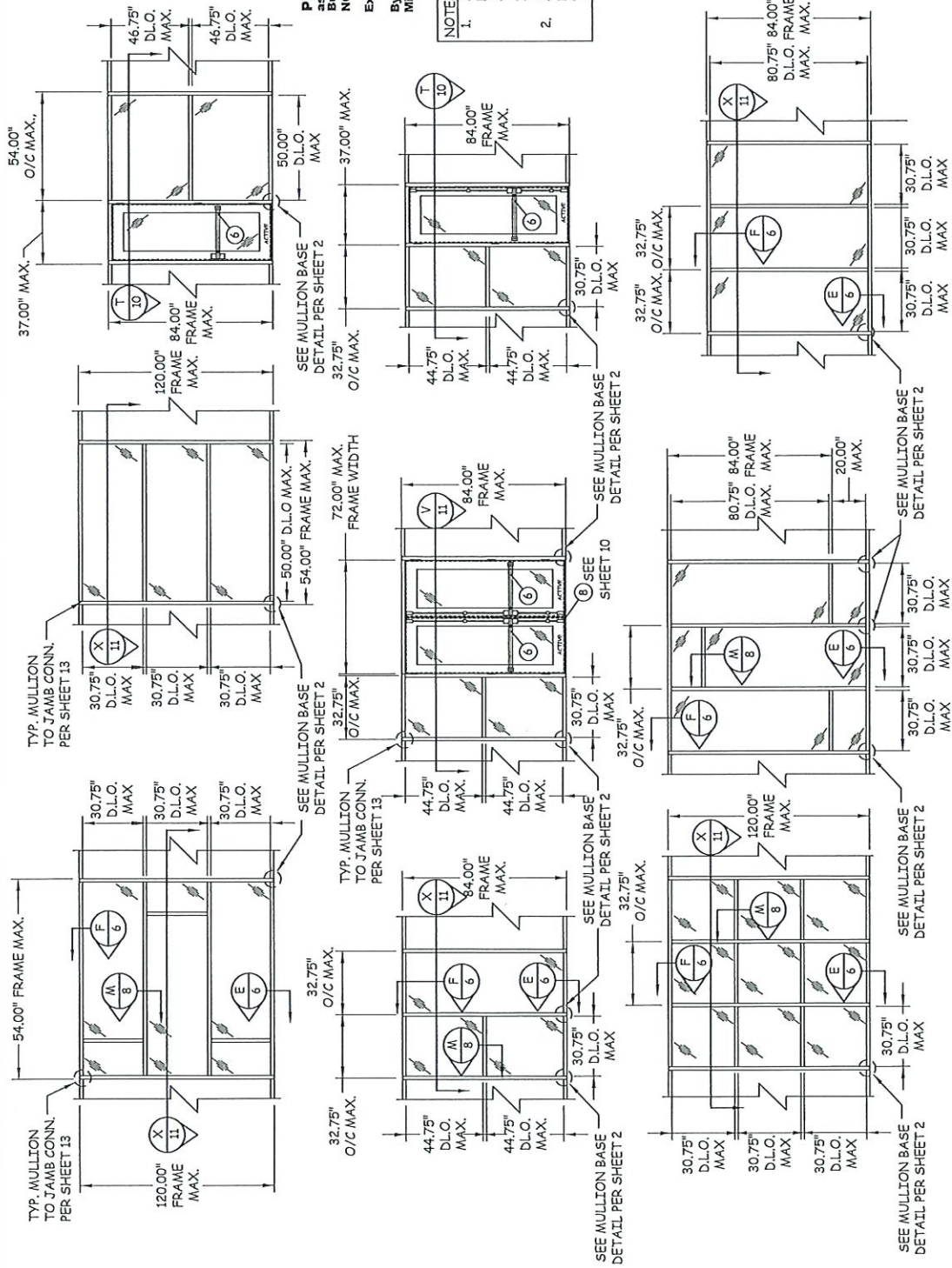
REVISIONS	DESCRIPTION	BY	DATE
2	2020 FBC	TA	02.15.21
1	2014 FBC	CD	02.26.16

FLORIDA
PROFESSIONAL ENGINEER
CODY C. DAVIS
No. 75154
STATE OF FLORIDA

DATE: 02.26.16
DWN BY: GRN
CHK BY: CDB
SCALE: NTS
DWG #: QEP004
SHEET: 5 OF 16

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1123.19
Expiration Date 08/27/2024
By: [Signature]
Miami-Dade Product Control

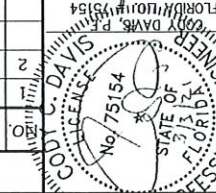
NOTES:
1. ANCHOR SPACING AT HEAD AND SILL TYP. FOR ALL CONDITIONS. SEE ANCHOR AND SPACING TABLE.
2. SEE MULLION BASE DETAIL 2, TYP. AT EACH VERTICAL MULLION.



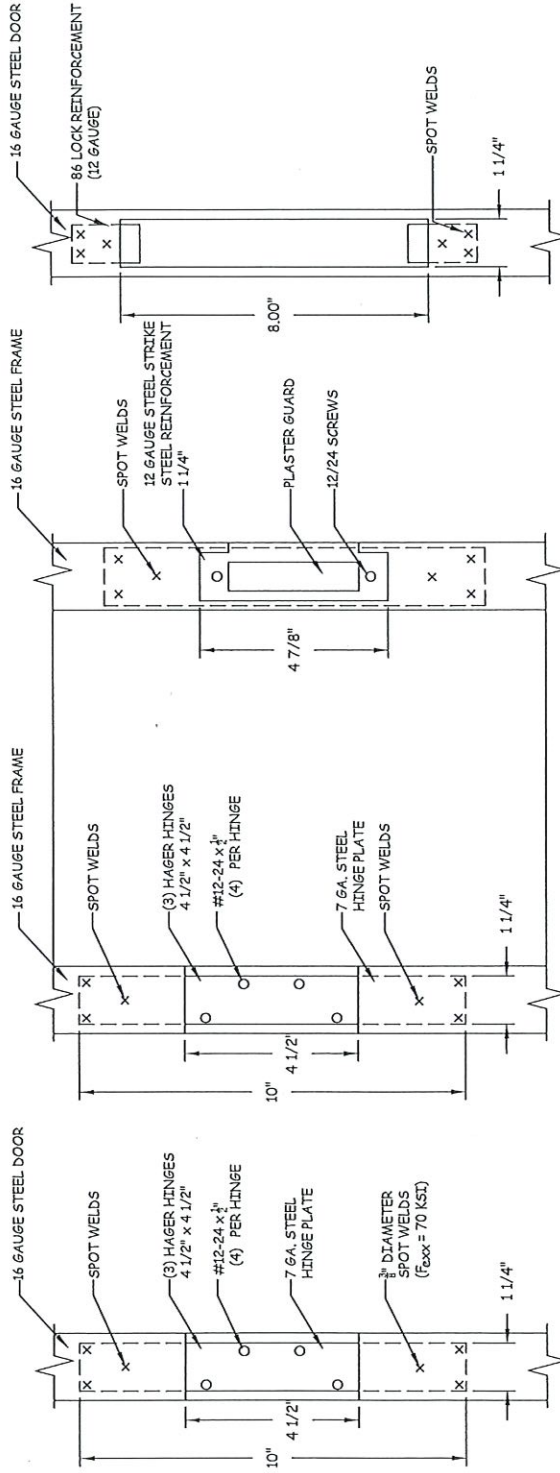
Quality
Engineered
Products, Inc.

TITLE:
STOREFRONT SYSTEM (LMI)
DOOR &
FRAME REINFORCEMENTS
PREPARED FOR:
QUALITY ENGINEERED PRODUCTS
4506 QUALITY LN.
TAMPA, FL 33634
PH: 813.885.1693 FX: 813.884.2673

REVISIONS	
NO.	DESCRIPTION
BY	DATE
CD	02.26.16
TA	02.15.21



DATE:	02.26.16
DWN BY:	GRN
CHK BY:	CCD
SCALE:	NTS
DWG #:	QEP004
SHEET:	7 OF 16

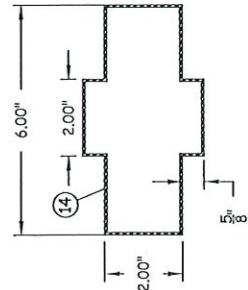
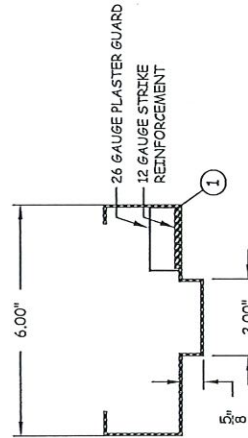
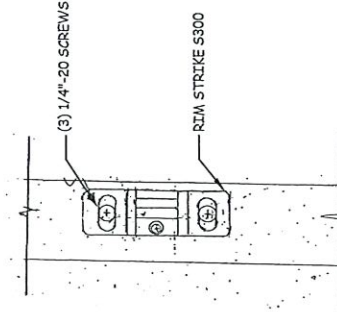


DOOR LOCK STEEL
REINFORCEMENT

DOOR STRIKE STEEL
REINFORCEMENT

DOOR HINGE STEEL
REINFORCEMENT

DETAIL A

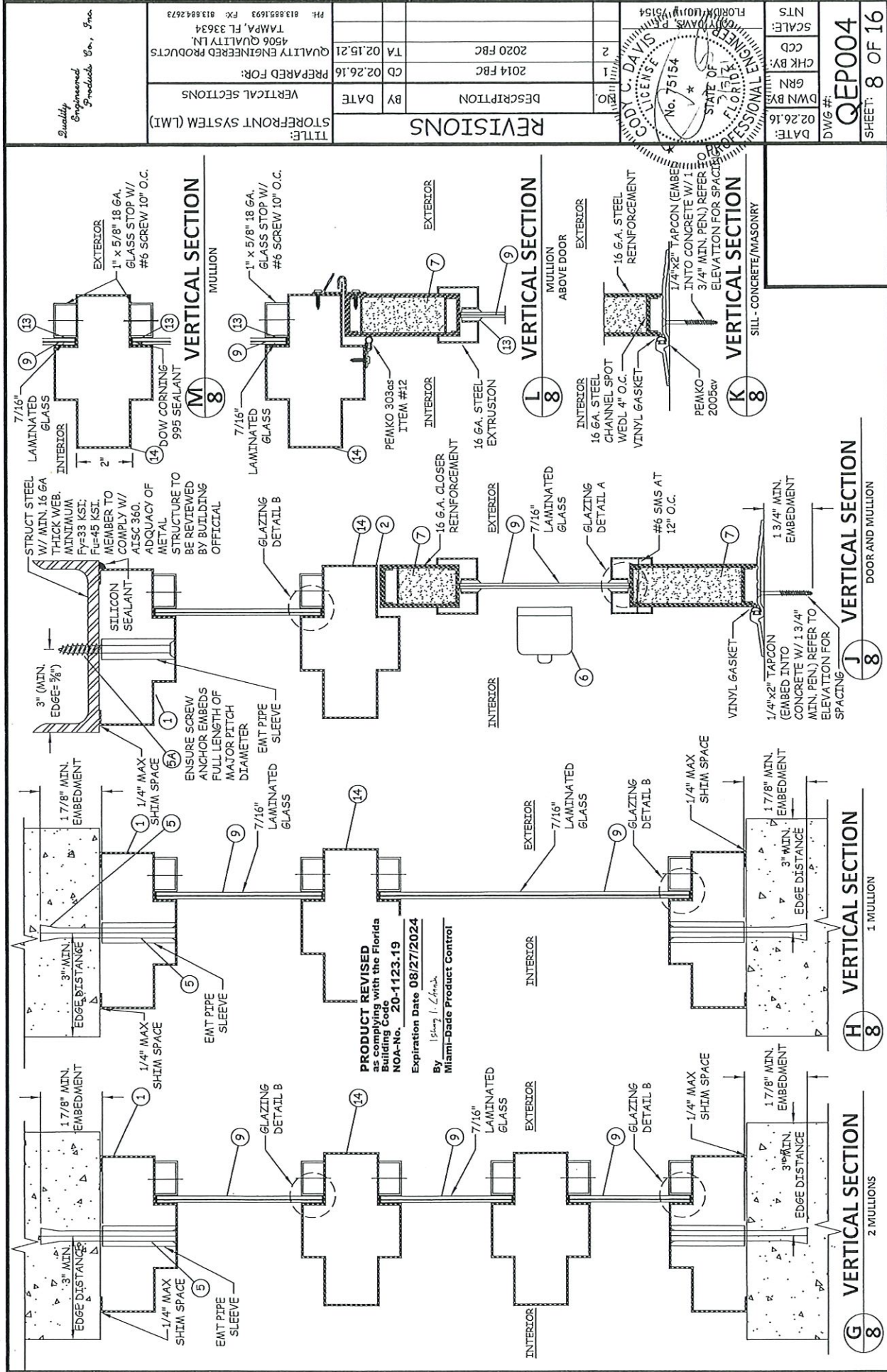


PLASTER GUARD
W/ 16 GA. JAMB

16 GA. HORIZONTAL &
VERTICAL MULLION

PRODUCT REVISED
Compliant with the Florida
Building Code
NOA-No. 20-1123-19
Expiration Date 08/27/2024
By: [Signature]
Miami-Dade Product Control

PRECISION 822
REMOVABLE MULLION



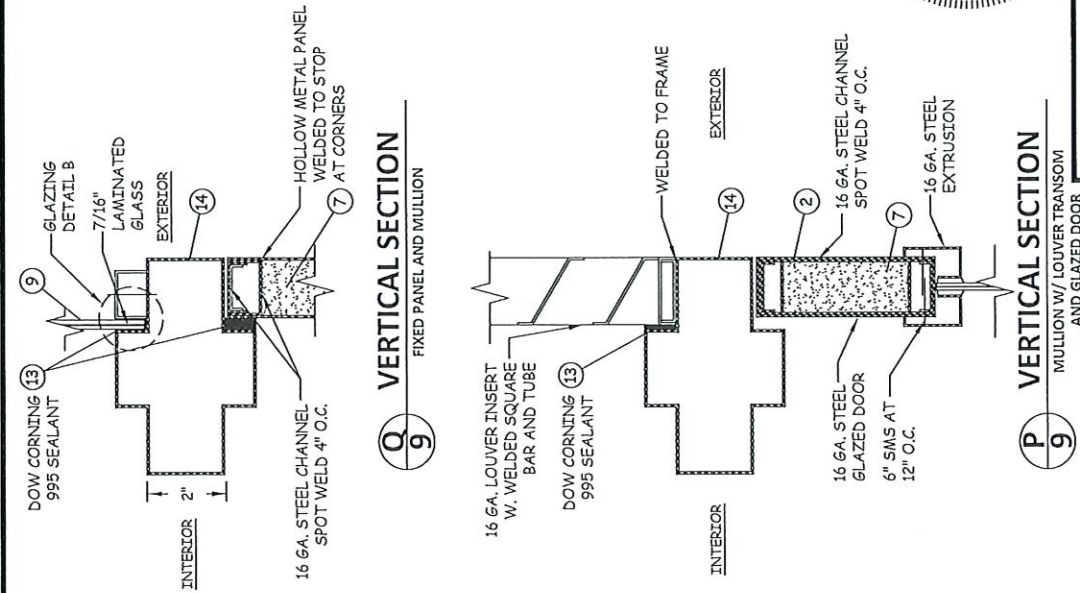
Quality
Engineered
Products Co., Inc.

TITLE:
STOREFRONT SYSTEM (LMI)
VERTICAL SECTIONS
PREPARED FOR:
QUALITY ENGINEERED PRODUCTS
TAMPA, FL 33634
PH: 813.851.693 FX: 813.854.2673

REVISIONS	DATE	DESCRIPTION	BY
2	2020 FBC	2014 FBC	CD
1	02.15.21	2020 FBC	TA

FLORIDA PROFESSIONAL ENGINEER
No. 75154
STATE OF FLORIDA
CODY C. DAVIS
LICENSED

DATE: 02.26.16
DWG #: QEP004
SHEET: 8 OF 16



REVISIONS		TITLE: STOREFRONT SYSTEM (LMI)	
DESCRIPTION	BY	DATE	VERTICAL SECTIONS
2014 FBC	CD	02.26.16	PREPARED FOR:
2020 FBC	TA	02.15.21	QUALITY ENGINEERED PRODUCTS
			4506 QUALITY LN. TAMPA, FL 33634
			PH: 813.855.1593 FX: 813.884.2673

*Quality
Engineered
Products Co., Inc.*



DATE:	02.26.16	DWN BY:	GRN	CHK BY:	CCD	SCALE:	NTS
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QEP004

DWG #:

SHEET: 9 OF 16

Quality Engineering Products Co., Inc.

QUALITY ENGINEERED PRODUCTS
4506 QUALITY LN
TAMPA, FL 33634
PH: 813.885.1693 FX: 813.884.2673

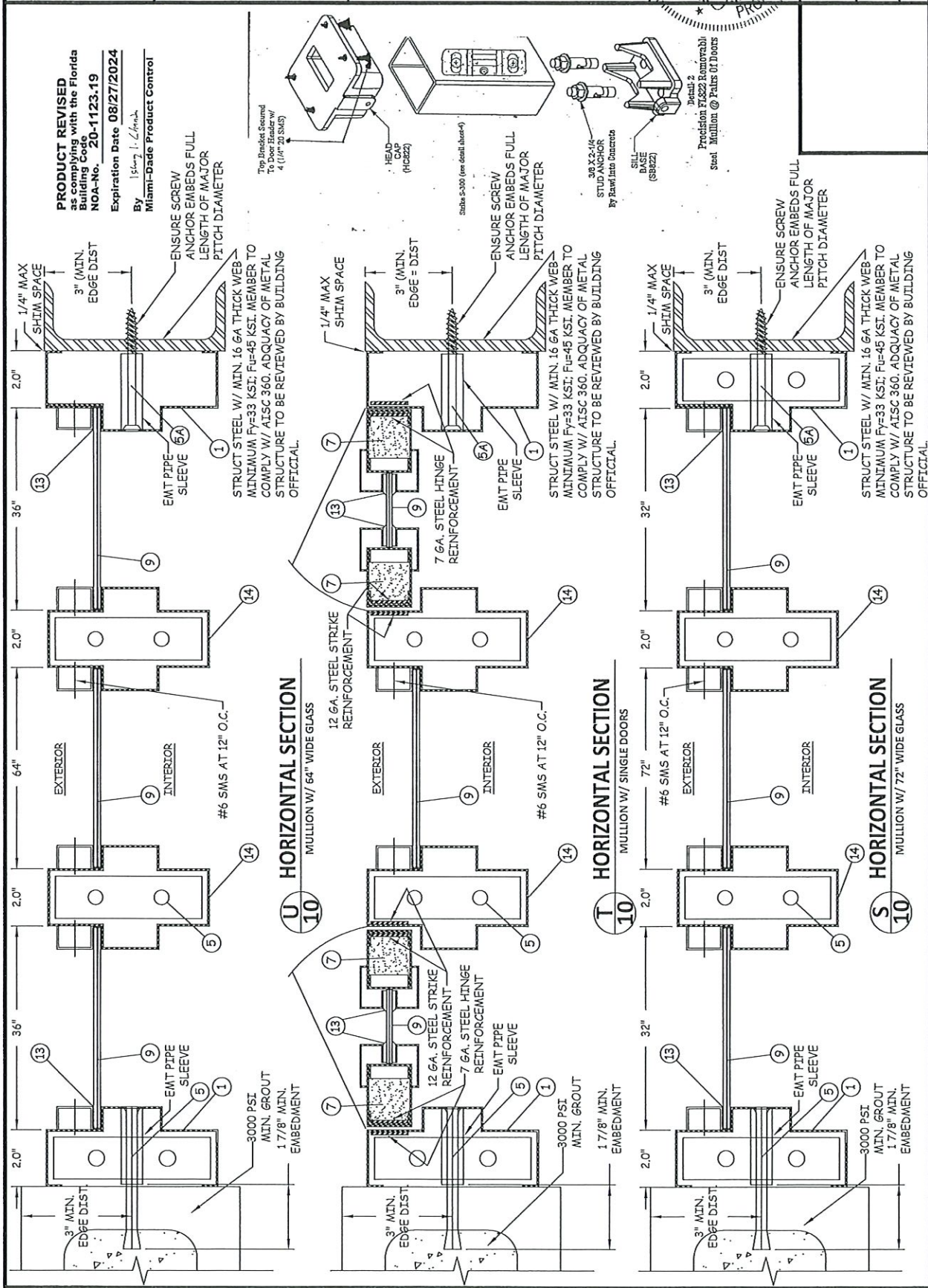
REVISIONS

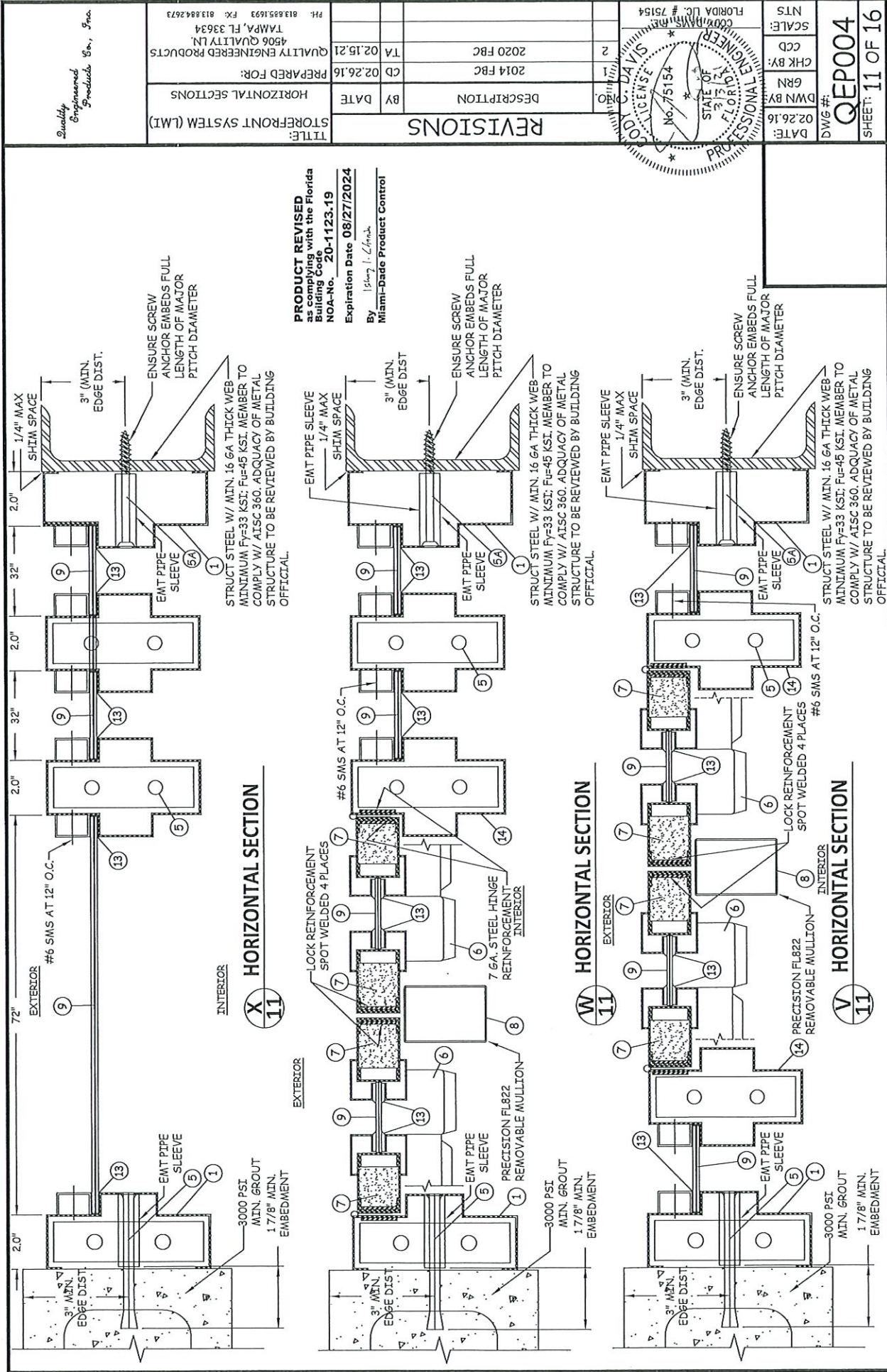
NO.	DESCRIPTION	BY	DATE
2	2020 FBC	TA	02.15.21
1	2014 FBC	CD	02.26.16

PREPARED FOR:
HORIZONTAL SYSTEMS (LMI)
& DETAILS

DATE: 02.26.16
DWN BY: GRN
CHK BY: CCB
SCALE: NTS

DWG #: QEP004
SHEET: 10 OF 16





PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-1123-19**
Expiration Date **08/27/2024**
By **Isang I. Llanza**
Miami-Dade Product Control

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	2014 FBC	CD	02.26.16
2	2020 FBC	TA	02.15.21

TITLE: STOREFRONT SYSTEM (LMI)	
HORIZONTAL SECTIONS	
PREPARED FOR:	QUALITY ENGINEERED PRODUCTS TAMPA, FL 33634
PH: 813.651.693	FAX: 813.844.2673

DATE: 02.26.16
DWN BY: 6RN
CHK BY:
SCALE: NTS

DWG # **QEP004**
SHEET: **11 OF 16**

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 75154
DAVID S. DAVIS
LICENSE # 75154
FLORIDA L.C. # 75154

Quality Engineered Products Co., Inc.

4506 QUALITY LN.
TAMPA, FL 33634
PH: 813.885.1693 FX: 813.884.2673

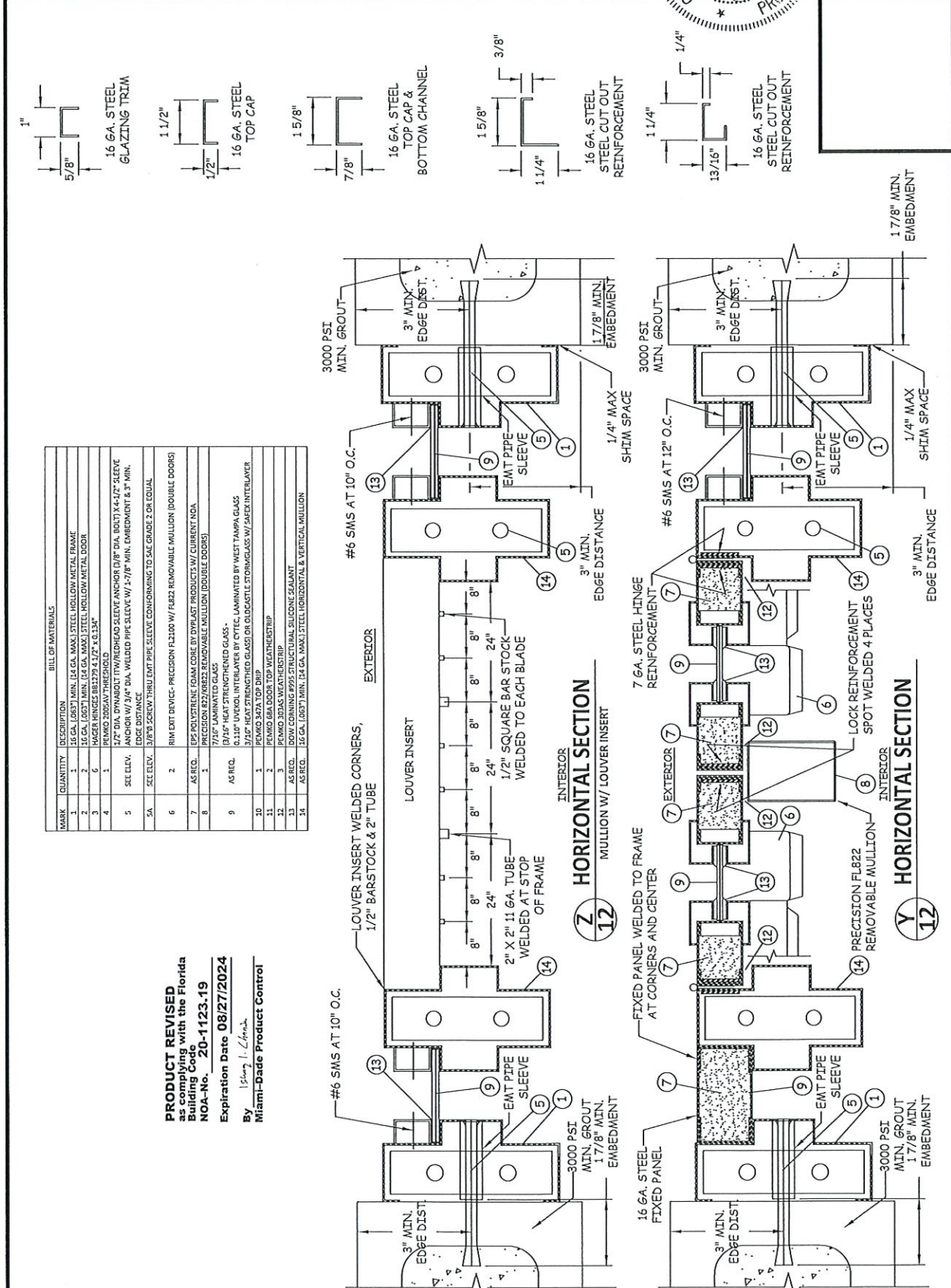
REVISIONS

NO.	DATE	DESCRIPTION
1	02.26.16	2014 FBC
2	02.15.21	2020 FBC

DATE: 02.26.16
DWN BY: GRN
CHK BY: CCD
SCALE: NTS

DWG # **QE004**
SHEET: 12 OF 16

TITLE: STOREFRONT SYSTEM (LM)
HORIZONTAL SECTIONS
BILL OF MATERIALS & DETAILS
PREPARED FOR:



PRODUCT REVISED
 Engineering with the Florida
 Building Code
 NOA-No. 20-1123-19
 Expiration Date 08/27/2024
 By *Ismael I. Lopez*
 Miami-Dade Product Control

12 HORIZONTAL SECTION
 MULLION W/ LOUVER INSERT

12 HORIZONTAL SECTION
 INTERIOR

Quality Engineered Products Co., Inc. QUALITY ENGINEERED PRODUCTS 4506 QUALITY LN TAMPA, FL 33634 PH: 813.885.1693 FX: 813.884.2673	DATE: 02.26.16 DWG #: QEP004 SHEET: 13 OF 16													
	DATE: 02.26.16 CHK BY: CDB SCALE: NTS													
STATE OF FLORIDA PROFESSIONAL ENGINEER NO. 75154 CO. 0000000000														
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>CD</td> <td>02.26.16</td> <td>2014 FBC</td> <td>CD</td> </tr> <tr> <td>TA</td> <td>02.15.21</td> <td>2020 FBC</td> <td>TA</td> </tr> </tbody> </table>			NO.	DATE	DESCRIPTION	BY	CD	02.26.16	2014 FBC	CD	TA	02.15.21	2020 FBC	TA
NO.	DATE	DESCRIPTION	BY											
CD	02.26.16	2014 FBC	CD											
TA	02.15.21	2020 FBC	TA											
TITLE: STOREFRONT SYSTEM (LMI) ISO-METRIC VIEWS PREPARED FOR:														

INTERLOCKED TABS

CONNECTIONS ARC WELDED AND GROUND SMOOTH

CONNECTIONS ARC WELDED AND GROUND SMOOTH

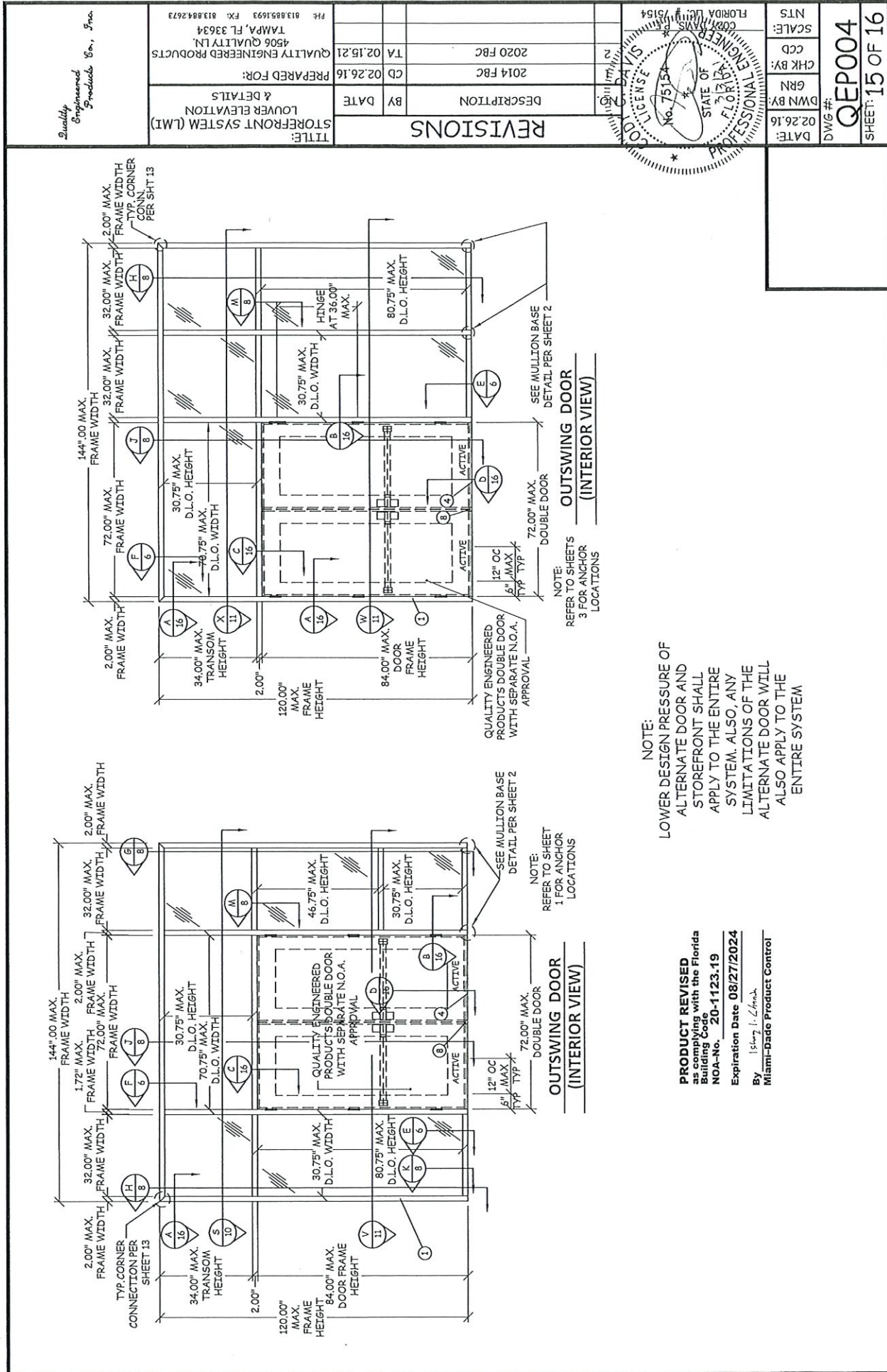
CONNECTIONS ARC WELDED AND GROUND SMOOTH

TYPICAL CORNER CONNECTION

TYPICAL MULLION TO JAMB CONNECTION

TYPICAL MULLION TO MULLION CONNECTION

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-1123.19
Expiration Date 08/27/2024
By Isaac L. Frank
Miami-Dade Product Control



QUALITY ENGINEERED PRODUCTS 801 S.W. 5th Ave. Tampa, FL 33634		PREPARED FOR: QUALITY ENGINEERED PRODUCTS		DATE: 02.26.16	
TITLE: LOWER ELEVATION SYSTEM (LMI)		DESCRIPTION: 2014 FBC		BY: TA	
REVISED: 02.15.21		2020 FBC		DATE: 02.15.21	
P/E: 013.085.1693		F/E: 013.084.2673		DATE: 02.15.21	

QUALITY ENGINEERED PRODUCTS 801 S.W. 5th Ave. Tampa, FL 33634

REVISIONS

DATE: 02.26.16
DWG #: QEP004
SHEET: 15 OF 16

STATE OF FLORIDA
PROFESSIONAL ENGINEER
DAVID DAVIS
No. 75154
FLORIDA LICENSE # 75154

DATE: 02.26.16
CHK BY: GBN
SCALE: NTS

NOTE:
LOWER DESIGN PRESSURE OF
ALTERNATE DOOR AND
STOREFRONT SHALL
APPLY TO THE ENTIRE
SYSTEM. ALSO, ANY
LIMITATIONS OF THE
ALTERNATE DOOR WILL
ALSO APPLY TO THE
ENTIRE SYSTEM

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1123.19
Expiration Date 08/27/2024
By 15027 I. L. Linares
Miami-Dade Product Control

VERTICAL SECTION
16

VERTICAL SECTION
16

VERTICAL SECTION
16

VERTICAL SECTION
16

VERTICAL SECTION
16

FRAME JAMB AT HINGE
16

MULLION AT STRIKE
16

GLAZING DETAIL B

REVISIONS

NO.	DATE	DESCRIPTION
1	02.15.21	2014 FBC
2	02.26.16	2020 FBC

QUALITY ENGINEERED PRODUCTS DOOR UNDER SEPARATE APPROVAL

PREPARED FOR: QUALITY ENGINEERED PRODUCTS
TAMPA, FL 33634
4506 QUALITY LN.
FL 813.885.1693 FX: 813.884.2673

QUALITY ENGINEERED PRODUCTS DOOR UNDER SEPARATE APPROVAL

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QUALITY ENGINEERED PRODUCTS DOOR UNDER SEPARATE APPROVAL

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Building Code
NOA-No. 20-1123.19
Expiration Date 08/27/2024
BY Isling I. Chank
Miami-Dade Product Control



DATE:	02.26.16
DWN BY:	GRN
CHK BY:	CCD
SCALE:	NTS
DWG #	QEP004
SHEET:	16 OF 16