



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

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**NOTICE OF ACCEPTANCE (NOA)**

**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 16 ga Outswing Single Glazed Commercial Steel Door-Impact**

**APPROVAL DOCUMENT:** Drawing No. **QEP003 Rev #2**, titled "Single Glazed Door (Outswing)", sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16 and last revised on 02/06/26, signed and sealed by Cody Davis, 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. Doors are 16 ga (min .063" thk) with min CS Tensile yield strength  $F_y = 46.3$  ksi and Tensile ultimate strength  $F_u = 52.1$  Ksi and SS Tensile yield strength  $F_y = 50.5$  ksi and Tensile ultimate strength  $F_u = 98.5$  Ksi.
2. The 20-gauge Hat-Stiffener with Fiberglass core Insulation, having current NOA or listing.

**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 & renews** NOA # **23-1218.05** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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



*2/11/26*

NOA No. 25-1223.04  
Expiration Date: December 30, 2029  
Approval Date: February 19, 2026  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted in previous files**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (Submitted under file below)
2. Drawing No. **QEP003**, titled "Single Glazed Door (Outswing)", sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16, signed and sealed by Cody Davis, P. E.

**B. TESTS (Submitted under file #12-1115.07/#09-0604.08)**

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 (Not Performed).  
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 Single Outswing /Inswing Flush and Glazed Commercial Steel Doors, prepared by Architect Testing Lab Inc., Test Report No. **84528.01-401-18**, dated May 19, 2009 (This test report was last revised on 11/06/09) , signed and sealed by Joseph A. Reed.

**C. CALCULATIONS**

1. Anchor verification calculations, complying with **FBC-2014**, prepared, signed, sealed and dated 05/17/16, by Cody Davis, P.E.
2. Glazing complies w/ ASTM E-1300-02 & 04.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

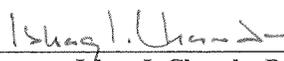
1. Tensile test report prepared by prepared by Architect Testing, Test Report No. **84528.01-401-18**, tested per ASTM E8-03, dated 11/09/09 signed and sealed by Joseph A. Reed, P. E. (Submitted under file #12-1115.07/#09-0604.08)
2. Notice of Acceptance No. **11-0926.07** issued to Dyplastic Products, LLC (former Apache Products Co) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/2017.
3. Notice of Acceptance No. **14-0423.15** issued to Eastman chemical Company (Former Solutia, Inc.) for "Saflex CP - Saflex and Saflex HP Composite Glass interlayer w/ PET core", expiring on 12/11/2018.

**F. STATEMENTS (Submitted under file #12-1115.07)**

1. Statement letter of conformance, complying with **FBC-2014, 5<sup>th</sup> edition**, and "no financial interest" issued, prepared, signed, sealed and dated 05/17/16 by Cody Davis, P. E.
2. Statement letter dated 05/17/16 of successor engineer adopting as his own, another engineer's work per FAC, Rule Chapter 61G15-27, issued by Master Consulting Engineers, Inc., both signed and sealed by Cody Davis, P. E.
3. Statement letter of compliance, as a part of the above referenced test reports.

**G. OTHER**

1. This revises **NOA #14-0910.02**, expiring December 30, 2019.

  
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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 25-1223.04**  
**Expiration Date: December 30, 2029**  
**Approval Date: February 19, 2026**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. Evidence submitted under file #15-0422.07.**

**A. DRAWINGS**

- 1. Drawing No. **QEP003**, titled “Single Glazed Door (Outswing)”, sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16 and last revised on 01/31/18, signed and sealed by Cody Davis, P. E. (Note: This revision is consists of editorial DWG changes only).

**B. Test**

- 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. **17-1207.05** issued to Dyplastic Products, LLC (former Apache Products Co) for “E& R-Board Expanded Polystyrene rigid Foam Insulation”, expiring on 01/11/2022.

**F. STATEMENTS**

- 1. Statement letter of conformance to FBC 2017 (6<sup>th</sup> Edition), dated 12/01/17, prepared by Master Consulting Engineer Inc., signed and sealed by Cody Davis, P. E.

**G. OTHER**

- 1. This NOA **revises # 15-0422.07**, expiring 12/30/19.

**3. Evidence submitted under previous approval.**

**A. DRAWINGS**

- 1. Drawing No. **QEP003**, titled “Single Glazed Door (Outswing)”, sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16 and last revised on 01/31/18, signed and sealed by Cody Davis, P. E. (Note: This revision is consists of editorial DWG changes only).

**B. Test**

- 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. **17-1207.05** issued to Dyplastic Products, LLC (former Apache Products Co) for “E& R-Board Expanded Polystyrene rigid Foam Insulation”, expiring on 01/11/2022.

**F. STATEMENTS (submitted under file # 15-0422.17)**

- 1. Statement letter of conformance to FBC 2017 (6<sup>th</sup> Edition), dated 12/01/17, prepared by Master Consulting Engineer Inc., signed and sealed by Cody Davis, P. E.

**G. OTHER**

- 1. This NOA **renews NOA # 17-1102.05**, expiring 12/30/23.

  
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**Ishaq I. Chanda, P.E.**  
Product Control Unit Supervisor  
NOA No. 25-1223.04  
Expiration Date: December 30, 2029  
Approval Date: February 19, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**3. Evidence submitted.**

**A. DRAWINGS**

1. Drawing No. **QEP003 rev #1**, titled "Single Glazed Door (Outswing)", sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16 and last revised on 03/03/21, signed and sealed by Cody Davis, P. E. (Note: This revision is consists of FBC 2020 notes only).

**B. Test**

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. **17-1207.05** issued to Dyplastic Products, LLC (former Apache Products Co) for "E& R-Board Expanded Polystyrene rigid Foam Insulation", expiring on 01/11/2022.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2020 (7<sup>th</sup> Edition), dated March 03, 2021, prepared by Master Consulting Engineer Inc., signed and sealed by Cody Davis, P. E.

**G. OTHER**

1. This NOA revises NOA # **19-1001.10**, expiring 12/30/24.



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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 25-1223.04**  
**Expiration Date: December 30, 2029**  
**Approval Date: February 19, 2026**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval.
- A. DRAWINGS
1. Drawing No. QEP003 rev #2, titled "Single Glazed Door (Outswing)", sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16 and last revised on 01/31/24, signed and sealed by Cody Davis, P. E. (Note: This revision is consists of FBC 2023 notes only).
- B. Test
1. None.
- C. CALCULATIONS
1. Anchor verification calculations complying w/ FBC 2023(8<sup>h</sup> Edition), dated 01/31/2024, prepared, signed and sealed by Cody C. Davis, P.E.
- D. QUALITY ASSURANCE
1. Miami Dade Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS
1. Underwriter test report file # R3576 (Proj #09NK13240) dated Nov 16, 2009 for Surface Burning Characteristics for Fiberglass Batts & Blanket per ANSI/UL-723 & ASTM E-84, issued to Owens Corning, Toledo, OH.
- F. STATEMENTS
1. Statement letter of conformance to FBC 2023 (8<sup>th</sup> Edition) and "No financial interest" dated 01/31/24, prepared by Master Consulting Inc., signed and sealed by Cody C. Davis, P.E.
  2. E-mail statement issued by PRI testing Lab dated 05/30/24 referenced to RER QEP re-test proposals, for near future schedule, signed by Timothy Efwa, Manager.
- G. OTHER
1. This revises & renews conditionally NOA # 20-1123.21, expiring 12/30/25.



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Ishaq I. Chanda, P.E.  
Product Control Unit Supervisor  
NOA No. 25-1223.04  
Expiration Date: December 30, 2029  
Approval Date: February 19, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**6. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **QEP003 Rev #2**, titled "Single Glazed Door (Outswing)", sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16 and last revised on 02/06/26, signed and sealed by Cody Davis, P. E. (Note: This revision is consists of glass interlayer).

**B. Test (validation)**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202.  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of three (3) Outswing Glazed Commercial Steel Doors, prepared by Fenestration Testing Lab. Inc., Test Report FTL 1857, dated 04/12/2019, signed and sealed by Odalmis Ortega, P.E.

2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202.  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagram of three (3) Single Inswing Flush and/or Inswing Glazed Commercial Steel Doors, prepared by PRI Construction Material Technologies, Inc. Lab Inc., Test Report No. Project **2853T0001**, dated 12/12/2025, signed and sealed by Zachary R. Priest, P.E.

**C. CALCULATIONS (submitted under previous approval)**

1. Anchor verification calculations complying w/ FBC 2023(8<sup>h</sup> Edition), dated 01/31/2024, prepared, signed and sealed by Cody C. Davis, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **25.0904.04** issued to Eastman Chemical Company (Former Solutia, Inc.) for "Saflex PVB clear & colored Interlayer for laminated glass", expiring on 05/21/2031.
2. Underwriter test report file # R3576 (Proj #09NK13240) dated Nov 16, 2009, for Surface Burning Characteristics for Fiberglass Batts & Blanket per ANSI/UL-723 & ASTM E-84, issued to Owens Corning, Toledo, OH.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2023 (8<sup>th</sup> Edition) and "No financial interest" dated 02/06/26, prepared by Master Consulting Inc., signed and sealed by Cody C. Davis, P.E.

**G. OTHER**

1. This revises & renews NOA # 23-1218.05, expiring 12/30/29 (balanced of renewal).

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 25-1223.04

Expiration Date: December 30, 2029

Approval Date: February 19, 2026

**INSTALLATION NOTES:**

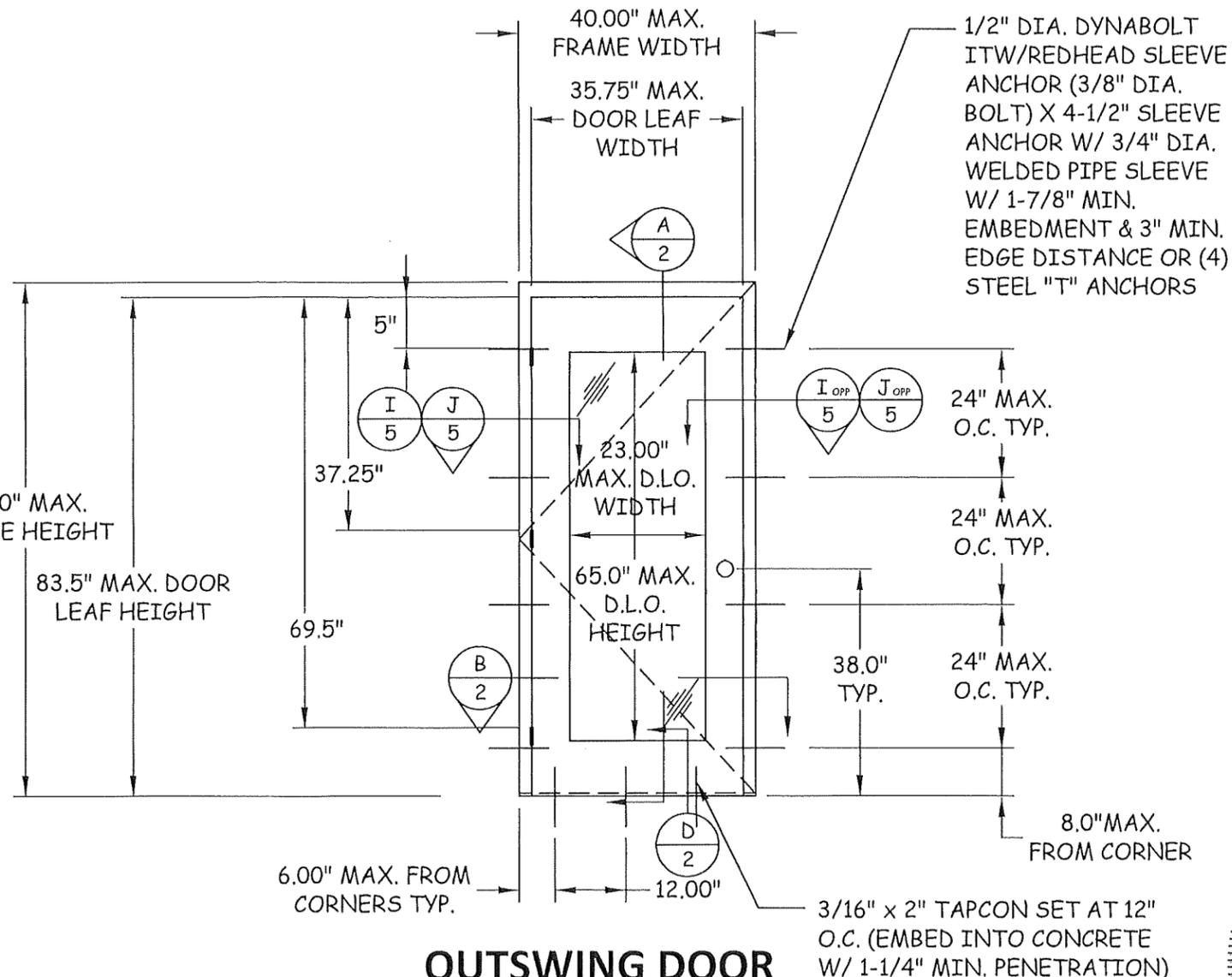
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 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.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
  - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55 (FOR SILL INSTALLATION ONLY).
  - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
  - GROUTED MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER) W/ MIN. 3,000 PSI GROUT.

# QUALITY ENGINEERED PRODUCTS

## SINGLE GLAZED DOOR (OUTSWING)

**GENERAL NOTES:**

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2023 FLORIDA BUILDING CODE (FBC) 8th ED., INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING: TAS 201-94/TAS 202-94/TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT FOR NON-HVHZ. ONE TIME APPROVAL REQUIRES FOR HVHZ FROM MIAMI-DADE COUNTY.
- THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED PRODUCT IN AREAS REQUIRING IMPACT ON THIS RESISTANCE.
- DOOR FRAME MATERIAL: STEEL
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAIL.
- DESIGNATIONS "X" FOLLOWING:  
X : OPERABLE PANEL



### OUTSWING DOOR (EXTERIOR VIEW)

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	-	INSTALLATION & GENERAL NOTES
2	-	CYLINDRICAL LOCK SECTIONS
3	-	DOOR DETAILS
4	-	ANCHOR DETAILS
5	-	STEEL REINFORCEMENTS
6	-	COMPONENTS & BILL OF MATERIALS

MIAMI DADE/FLORIDA BUILDING CODE DESIGN PRESSURES			
CYLINDRICAL LOCK REINFORCED	WHERE WATER INFILTRATION REQUIREMENTS ARE NEEDED	WHERE WATER INFILTRATION REQUIREMENTS ARE NOT NEEDED	MISSILE IMPACT RATING
POSITIVE	NOT APPROVED	+80 PSF*	LARGE & SMALL MISSILE IMPACT RATED
NEGATIVE	NOT APPROVED	-80 PSF*	LARGE & SMALL MISSILE IMPACT RATED

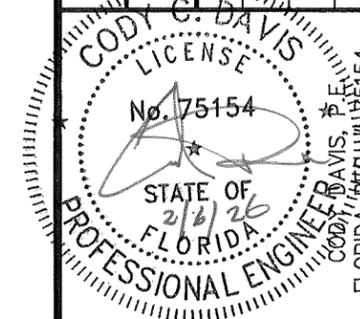
\* UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT IS GREATER THAN 1

*Quality Engineered Products Co., Inc.*

4506 QUALITY LN.  
TAMPA, FL. 33634  
PH: (813) 885-1693 FX: (813) 884-2673

TITLE: GLAZED DOOR INSTALLATION & GENERAL NOTES  
PREPARED BY: QUALITY ENGINEERED PRODUCTS  
4506 QUALITY LN.  
TAMPA, FL 33634  
PH: 813.885.1693 FX: 813.884.2673

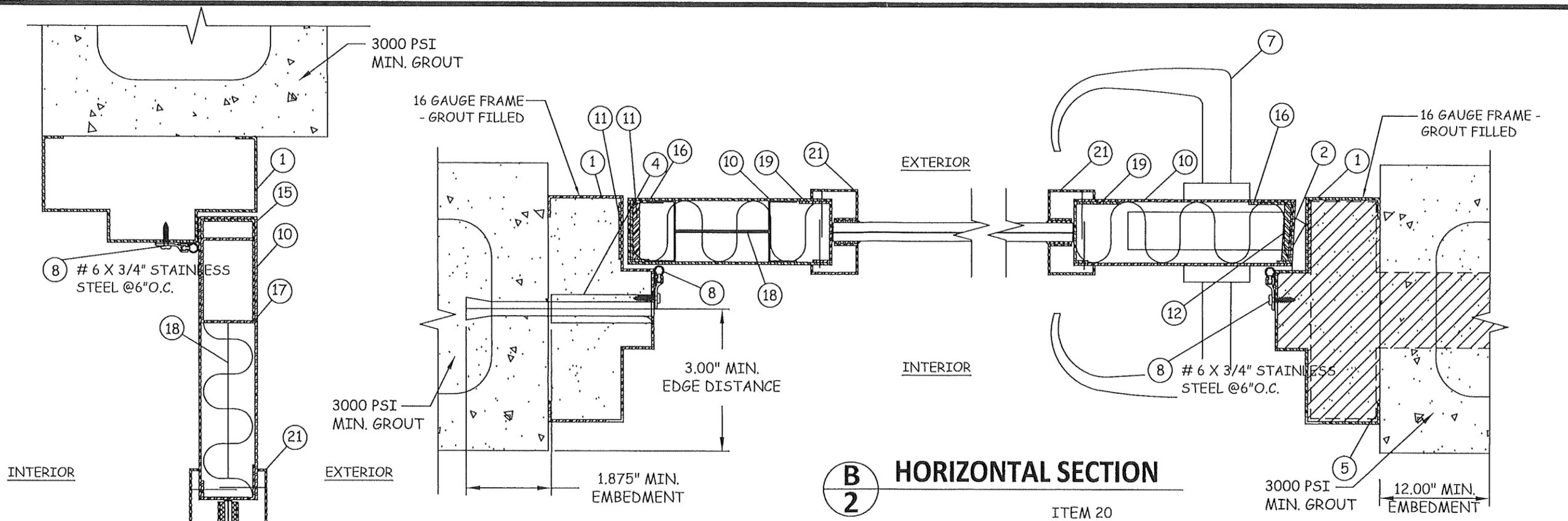
REVISIONS	
DESCRIPTION	BY DATE
FBC 2020	TA 02.10.21
FBC 2023	TA 01.31.24



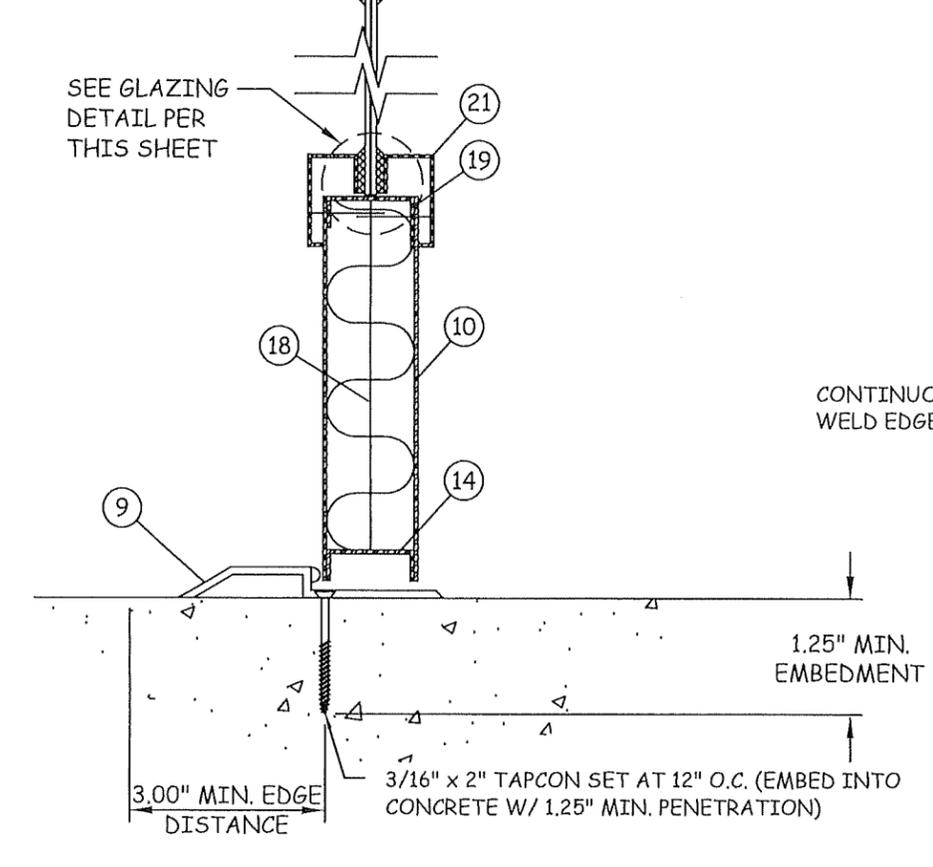
PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 25-1223.04  
Expiration Date 12/30/2029  
By: Ishay I. Chumbe  
Miami Dade Product Control

DATE: 02.26.16  
DWN BY: KRM  
CHK BY: DMS  
SCALE: NTS  
DWG #: QEP003  
SHEET: 1 OF 6

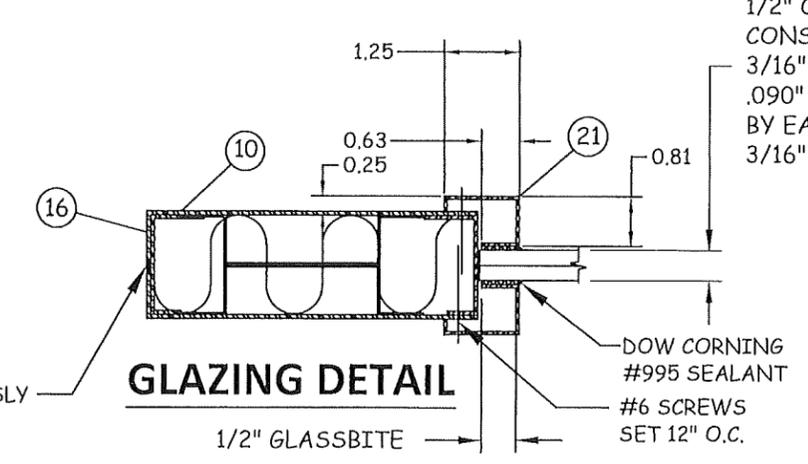
TITLE: GLAZED DOOR  
MORTISE LOCK SECTION  
PREPARED BY:  
QUALITY ENGINEERED PRODUCTS  
4506 QUALITY LN.  
TAMPA, FL 33634  
PH: 813.885.1693 FX: 813.884.2673



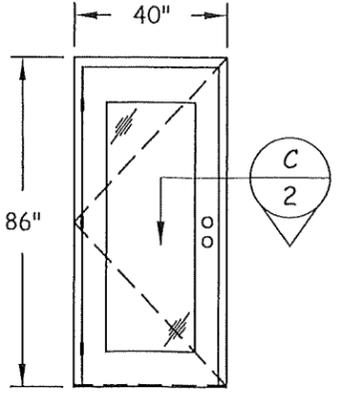
**B**  
**2** HORIZONTAL SECTION



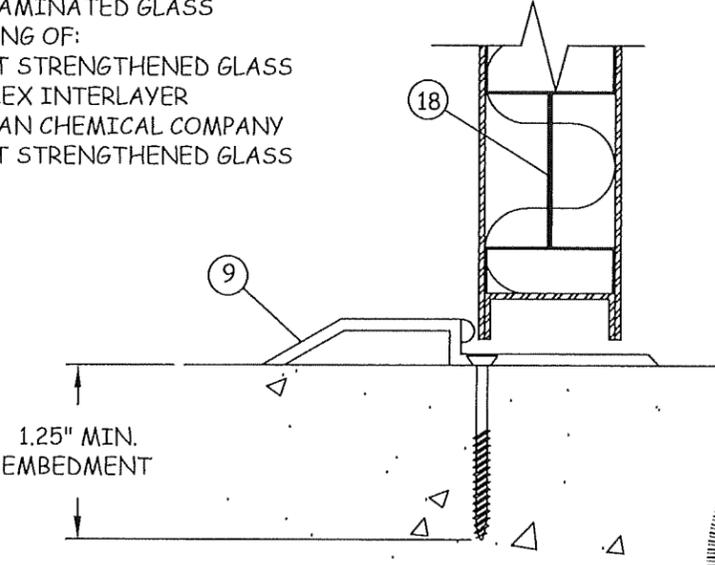
**A**  
**2** VERTICAL SECTION



**C**  
**2** DETAIL LOCK CHANNEL



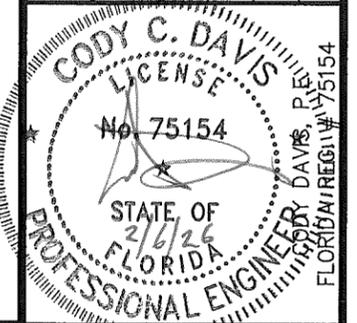
ITEM 20  
1/2" O.A. LAMINATED GLASS  
CONSISTING OF:  
3/16" HEAT STRENGTHENED GLASS  
.090" SAFLEX INTERLAYER  
BY EASTMAN CHEMICAL COMPANY  
3/16" HEAT STRENGTHENED GLASS



**D**  
**2** VERTICAL SECTION  
SILL MASONARY/CONCRETE

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	FBC 2020	TA	02.10.21
2	FBC 2023	TA	01.31.24

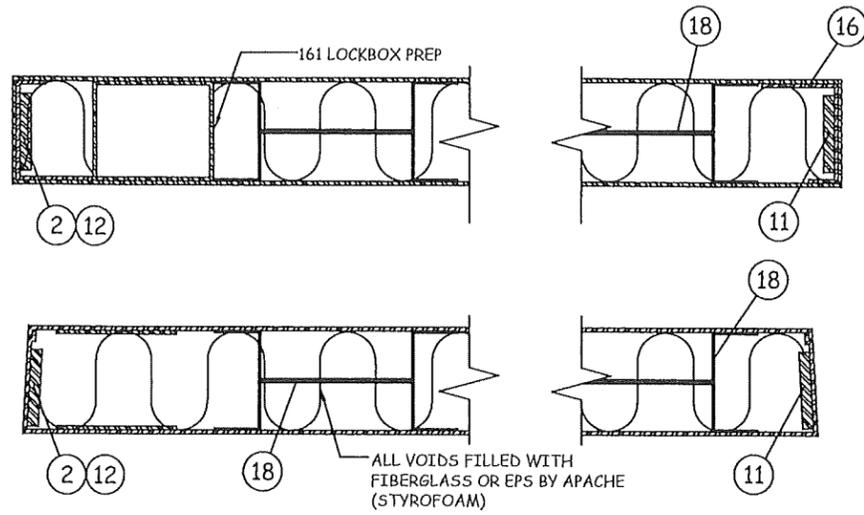


PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 25-1223.07  
Expiration Date 12/19/2029  
By: Ishag I. Ussler  
Miami Dade Product Control

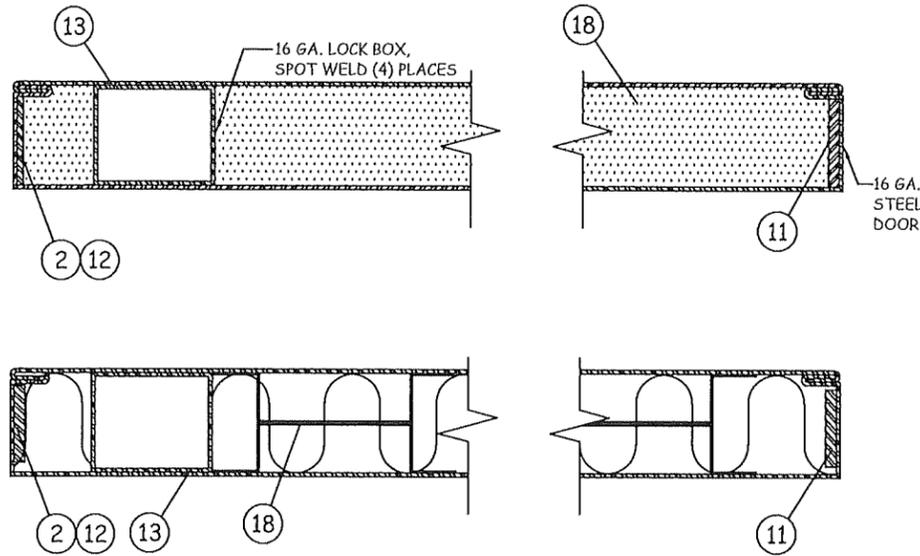
DATE: 02.26.16  
DWN BY: KRM  
CHK BY: DMS  
SCALE: NTS  
DWG #: QEP003  
SHEET: 2 OF 6

Quality  
Engineered  
Products Co., Inc.

4506 QUALITY LN.  
TAMPA, FL. 33634  
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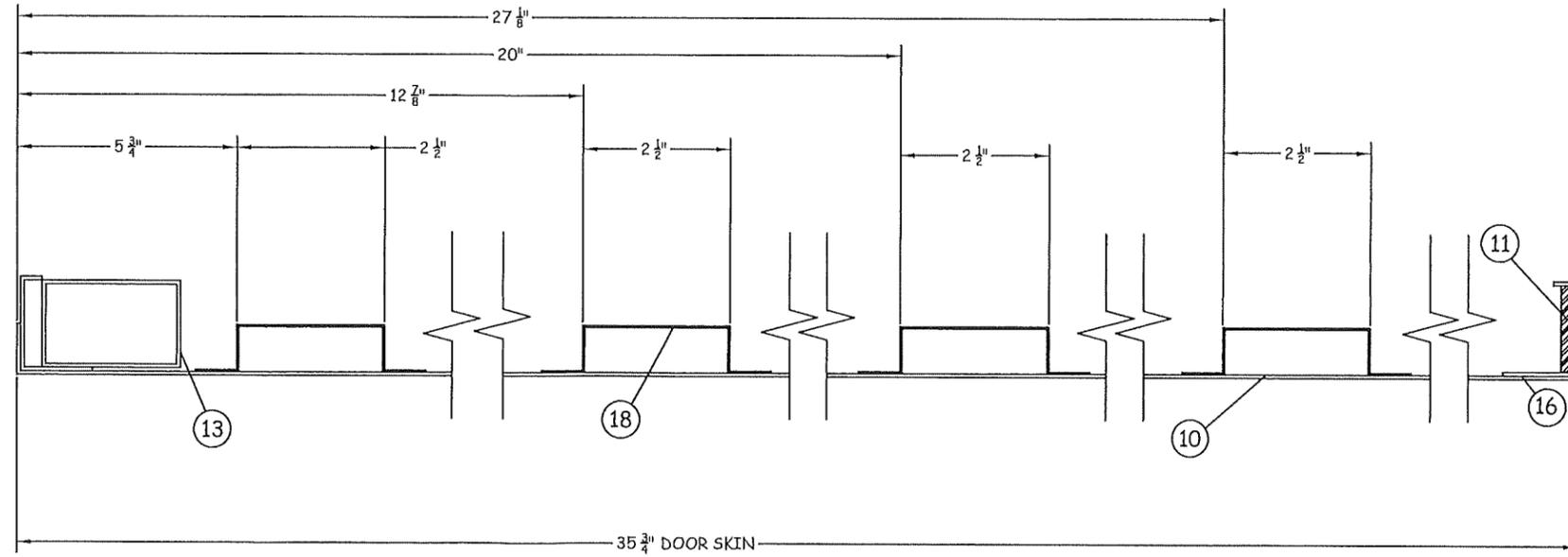


**E SEAMLESS EDGE DOOR**  
3



**F EDGE SEAM DOOR**  
3

**H VERTICAL DOOR SECTION**  
3

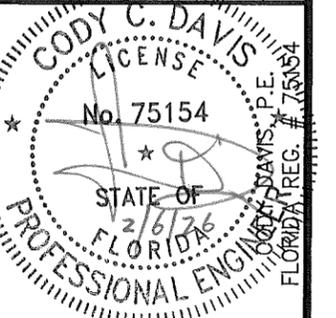


**G INTERNAL SECTION (PANEL ILLUSTRATION)**  
3 REINFORCEMENT SPACING

TITLE: GLAZED DOOR  
DOOR DETAILS  
PREPARED BY:  
QUALITY ENGINEERED PRODUCTS  
4506 QUALITY LN.  
TAMPA, FL 33634  
PH: 813.885.1693 FX: 813.884.2673

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	FBC 2020	TA	02.10.21
2	FBC 2023	TA	01.31.24

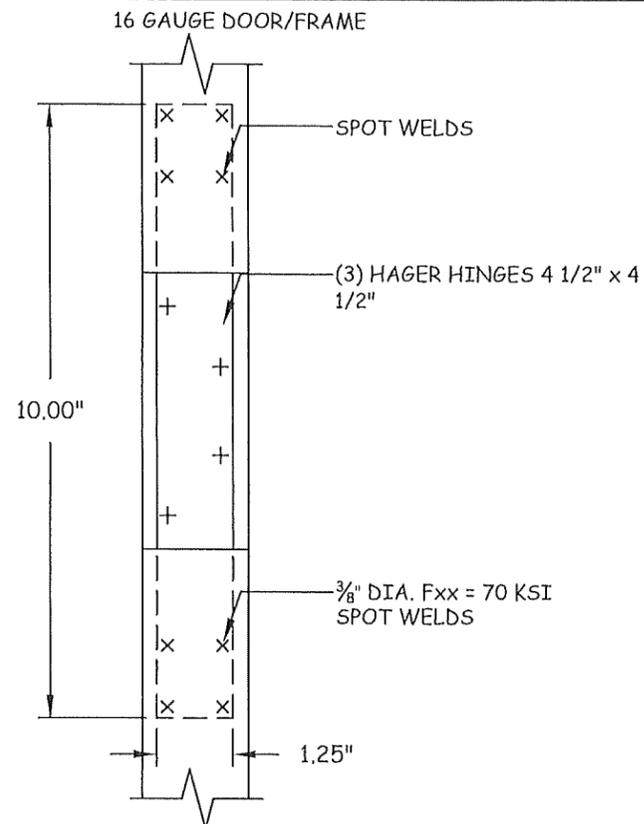


PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 25-1223.04  
Expiration Date 12/30/2029  
By Ismael L. Chant  
Miami Dade Product Control

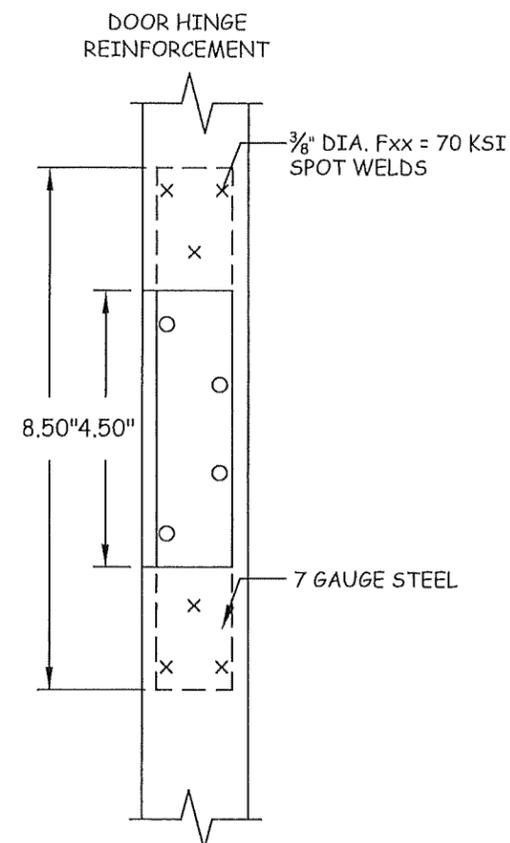
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SCALE: NTS

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**QEP003**

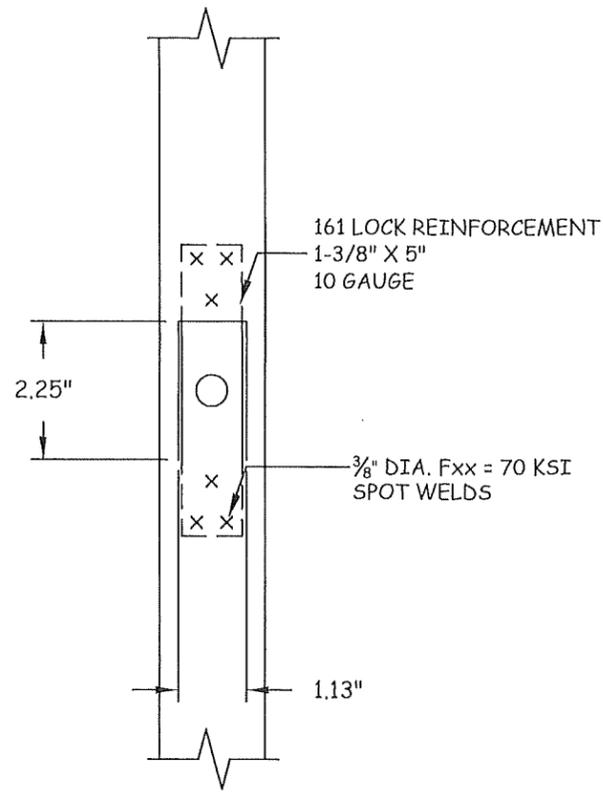
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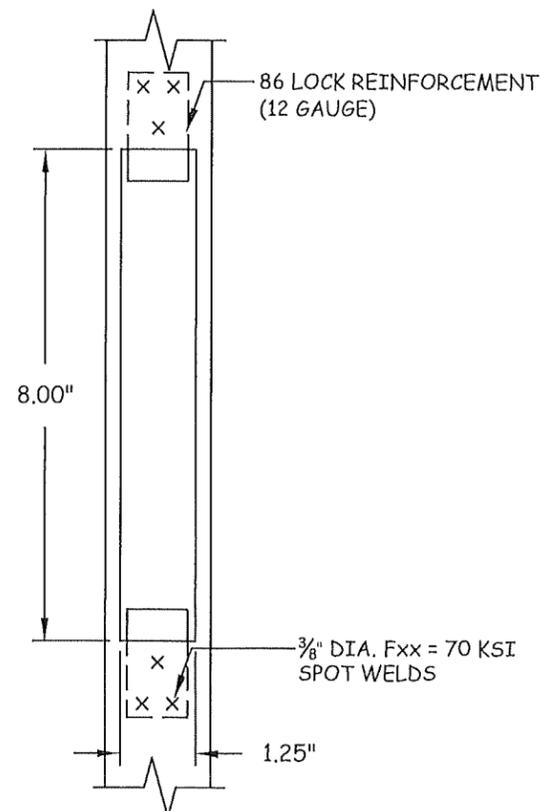
11 DOOR & FRAME STEEL HINGE PLATE 7 GAUGE x 1 1/4" x 10"



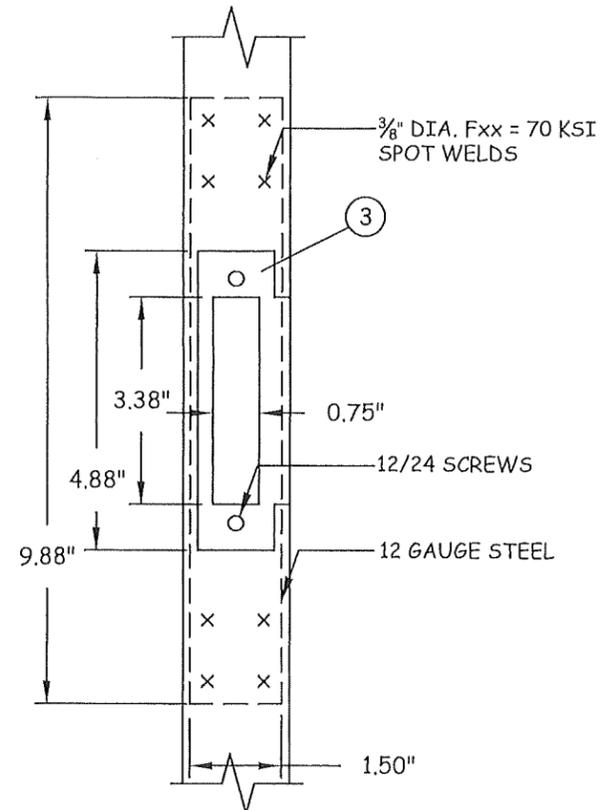
11 DOOR HINGE REINFORCEMENT



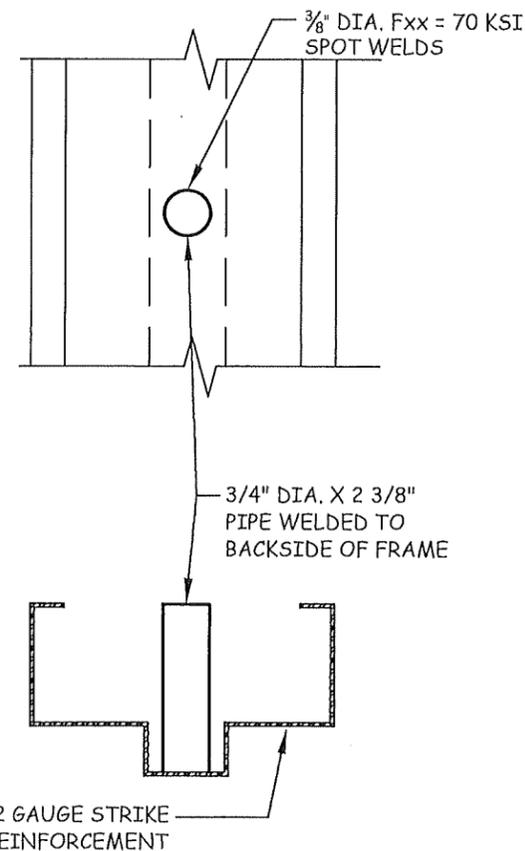
DOOR LOCK REINFORCEMENT



2 DOOR LOCK REINFORCEMENT



12 GA. STEEL REINFORCED DOOR FRAME



PIPE SLEEVE DETAIL

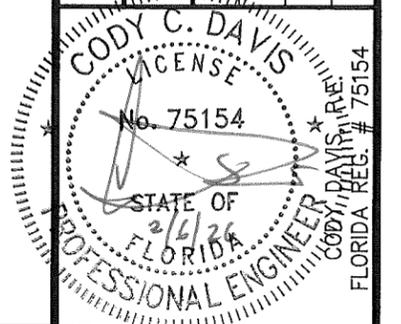
Quality Engineered Products Co., Inc.

4506 QUALITY LN.  
TAMPA, FL. 33634  
PH: (813) 885-1693 FX: (813) 884-2673

TITLE: GLAZED DOOR  
STEEL REINFORCEMENTS  
PREPARED BY:  
QUALITY ENGINEERED PRODUCTS  
4506 QUALITY LN.  
TAMPA, FL 33634  
PH: 813.885.1693 FX: 813.884.2673

REVISIONS

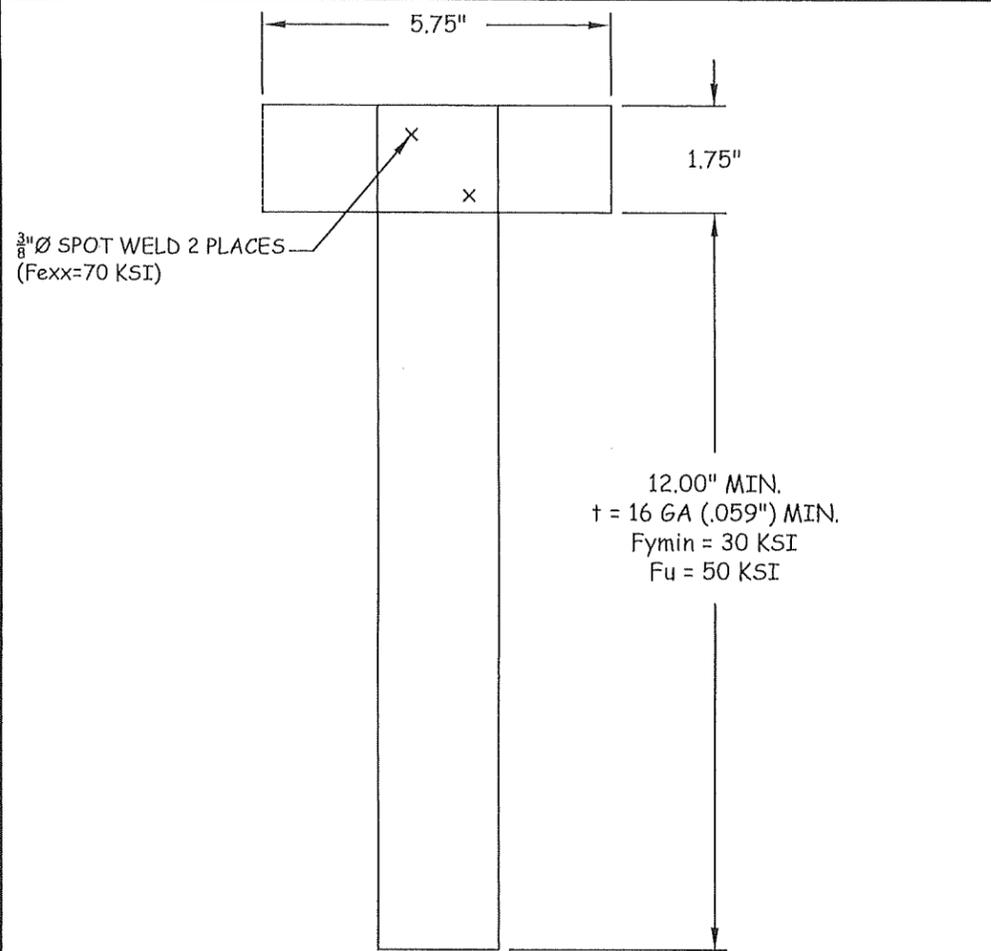
NO.	DESCRIPTION	BY	DATE
1	FBC 2020	TA	02.10.21
2	FBC 2023	TA	01.31.24



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 25-1223.04  
Expiration Date 12/10/2024  
By Ismael L. Chaves  
Miami Dade Product Control

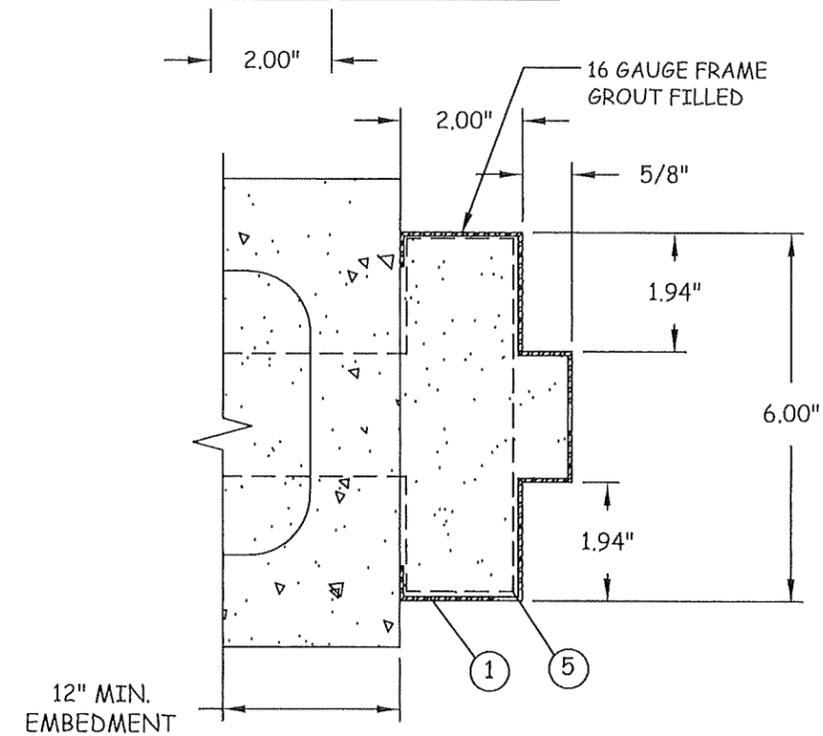
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CHK BY: DMS  
SCALE: NTS

DWG #: QEP003  
SHEET: 4 OF 6

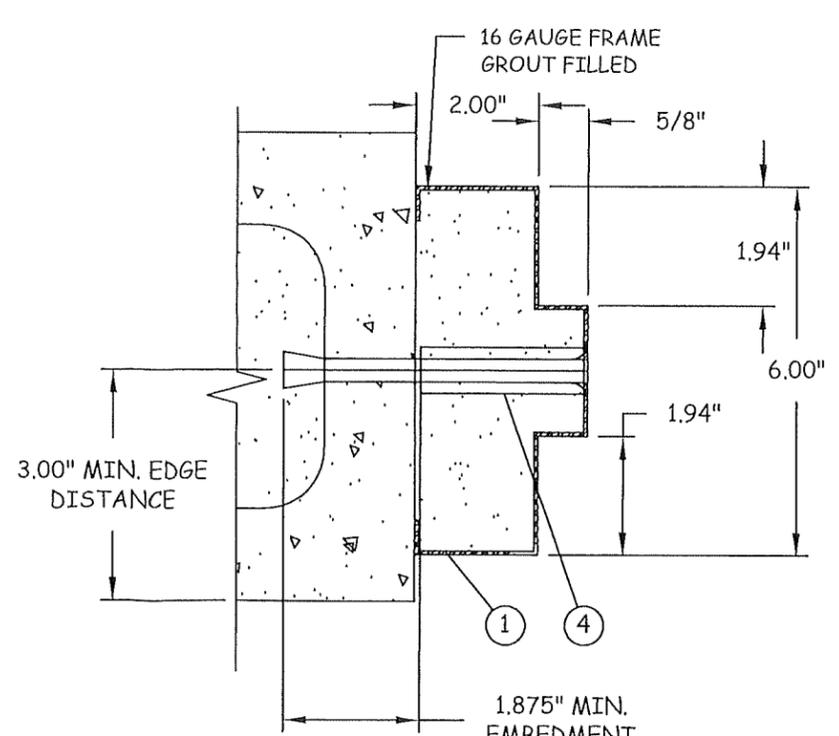


3/8" Ø SPOT WELD 2 PLACES  
(Feyx=70 KSI)

12.00" MIN.  
t = 16 GA (.059") MIN.  
Fymin = 30 KSI  
Fu = 50 KSI



**I**  
**5** FRAME JAMB  
T-ANCHOR



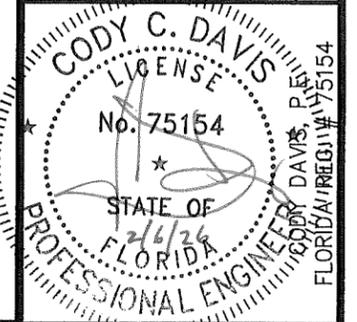
**J**  
**5** FRAME JAMB  
ANCHOR BOLT

Quality  
Engineered  
Products Co., Inc.

4506 QUALITY LN.  
TAMPA, FL. 33634  
PH: (813) 885-1693 FX: (813) 884-2673

TITLE: GLAZED DOOR  
ANCHOR DETAILS  
PREPARED BY:  
QUALITY ENGINEERED PRODUCTS  
4506 QUALITY LN.  
TAMPA, FL 33634  
PH: 813.885.1693 FX: 813.884.2673

REVISIONS		BY	DATE
NO.	DESCRIPTION		
1	FBC 2020	TA	02.10.21
2	FBC 2023	TA	01.31.24

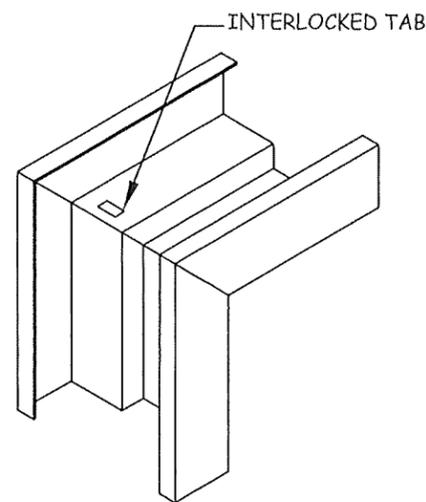
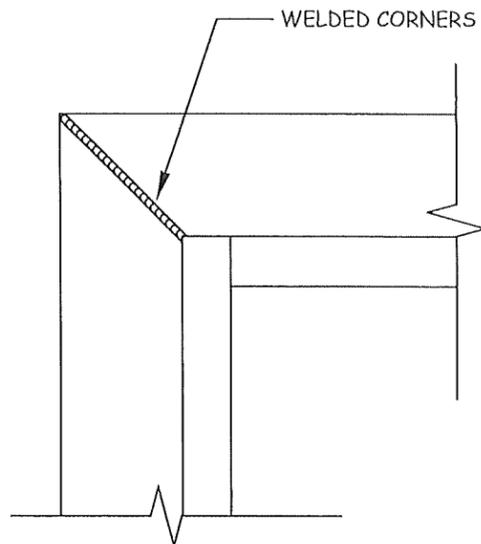


PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 25-1223.09  
Expiration Date 12/30/2029  
By [Signature]  
Miami Dade Product Control

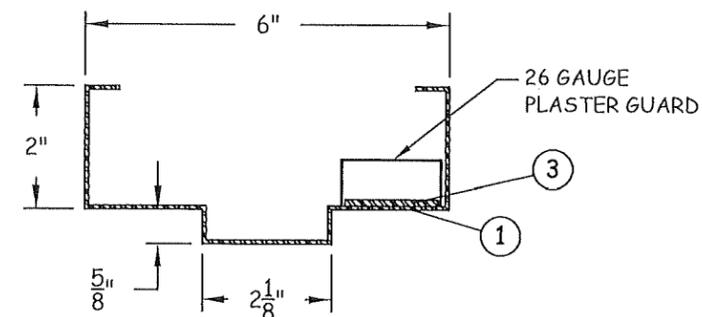
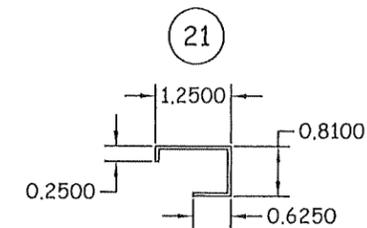
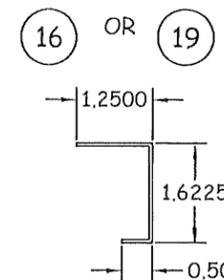
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CHK BY: DMS  
SCALE: NTS

DWG #:  
**QEPO03**

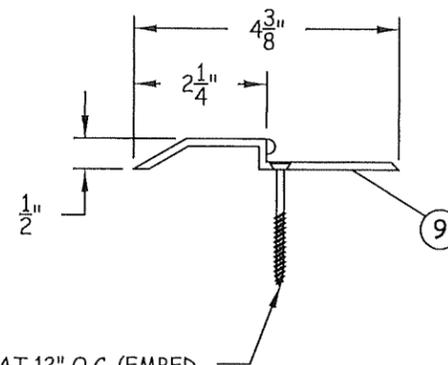
SHEET: **5 OF 6**



BILL OF MATERIALS	
MARK	DESCRIPTION
1	16 GA. (.063") MIN. (14 GA. MAX.) STEEL HOLLOW METAL FRAME FyMIN= 46.3 KSI; FuMIN= 52.1 KSI (OR S.S. MEETING FyMIN= 50.5 KSI; FuMIN= 98.5 KSI) W/ GROUTED JAMBS
2	1 1/8" X 2 1/2" X 12 GA. STEEL LOCK OR STRIKE REINFORCEMENT (MORTISE)
3	1 1/2" x 8" x 12 GA. FRAME STRIKE REINFORCEMENTS
4	1/2" DIA. DYNABOLT ITW/REDHEAD SLEEVE ANCHOR (3/8" DIA. BOLT) X 4 1/2" SLEEVE ANCHOR W/ 3/4" DIA. WELDED PIPE SLEEVE W/ 1 7/8" MIN. EMBEDMENT & 3" MIN. EDGE DISTANCE
5	T-ANCHORS PER DETAIL SHEET 5
6	HAGER HINGES BB1279 4.5 X 4.5 X .134 THICK
7	MARKS 195 SERIES, SCHLAGE D SERIES OR BEST 93K
8	PEMKO 303AS WEATHER STRIP
9	PEMKO 2005av THRESHOLD
10	16 GA. (.063") MIN. (14 GA. MAX.) STEEL DOOR FyMIN= 46.3 KSI; FuMIN= 52.1 KSI (OR S.S. MEETING FyMIN= 50.5 KSI; FuMIN= 98.5 KSI)
11	1 1/4" X 10" X 7 GA. STEEL HINGE REINFORCEMENT
12	1 3/8" x 5" x 10 GA. LATCH REINFORCEMENT (CYLINDRICAL)
13	16 GAUGE LOCK BODY REINFORCEMENT (16 GAUGE PLATE AT MORTISE LOCKS)
14	U-SHAPE END STEEL CHANNEL
15	U-SHAPE CLOSE TOP STEEL CHANNEL
16	1 1/4" x 1 5/8" x 1/2" FULL LENGTH STEEL CHANNEL
17	1 1/2" x 5 1/4" 12 GA. STEEL BOX CHANNEL WELDED 6" O.C. FULL LENGTH
18	20 GAUGE HAT STIFFENERS 74" LONG W/ FIBERGLASS INSULATION OR POLYSTYRENE FOAM BY DYPLAST (FROM APACHE PRODUCTS) PER CURRENT NOA.
19	1 1/4" x 1 5/8" x 1/2" 16 GA. STEEL GLAZING CHANNEL REINFORCEMENT
20	1/2" LAMINATED GLASS CONSISTING OF: 3/16" HEAT STRENGTHENED GLASS .090" SAFLEX INTERLAYER BY EASTMAN CHEMICAL CO. 3/16" HEAT STRENGTHENED GLASS
21	18 GA. STEEL EXTRUDED DOOR GLAZING TRIM W/ #6 SCREWS @ 12" O/C



PLASTER GUARD  
W/ 16 GA. JAMB



3/16" x 2" TAPCON SET AT 12" O.C. (EMBED INTO CONCRETE W/ 1-1/4" MIN. PENETRATION)

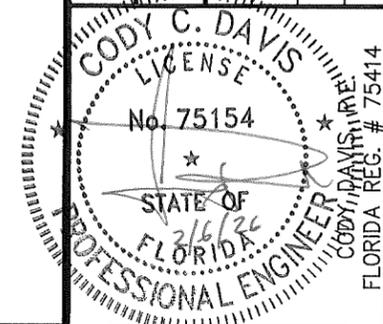
Quality  
Engineered  
Products Co., Inc.

4506 QUALITY LN.  
TAMPA, FL. 33634  
PH: (813) 885-1693 FX: (813) 884-2673

TITLE: GLAZED DOOR COMPONENTS & BILL OF MATERIALS  
PREPARED BY: QUALITY ENGINEERED PRODUCTS 4506 QUALITY LN. TAMPA, FL 33634  
PH: 813.885.1693 FX: 813.884.2673

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	FBC 2020	TA	02.10.21
2	FBC 2023	TA	01.31.24



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 25-1223.04  
Expiration Date 12/30/2029

By: *[Signature]*  
Miami Dade Product Control

DATE: 02.26.16  
DWN BY: KRM  
CHK BY: DMS  
SCALE: NTS

DWG #: QEP003

SHEET: 6 OF 6