



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buldingcode

**Designer Doors, Inc.
702 Troy St.
River Walls, WI 54022**

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 H-3/H-4 18' Wide Wood Sectional Garage Door

APPROVAL DOCUMENT Drawing No. **1618**, titled "18' Wide Hurricane Impact Wood Garage Doors", sheets 1 through 7 of 7, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 10/21/08, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control approved stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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.**



Handwritten signature and date: 2/23/09

**NOA No 08-1224.07
Expiration Date: March 18, 2015
Approval Date: March 18, 2009
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **1618**, titled "18' Wide Hurricane Impact Wood Garage Doors", sheets 1 through 7 of 7, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 10/21/08, signed and sealed by Warren W. Schaefer, 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
along with marked-up drawings and installation diagram of a Double Wide Hurricane Impact Un-Glazed and Glazed Garage Doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G507-0402-08**, dated 08/21/08, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Anchoring and stress calculations, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 12/17/08, signed and sealed by Warren W. Schaefer, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-0216.06**, issued to Solutia, Inc., for "Saflex IIIG or colored interlayer", approved on 05/04/06, expiring on 5/21/11.

F. STATEMENTS

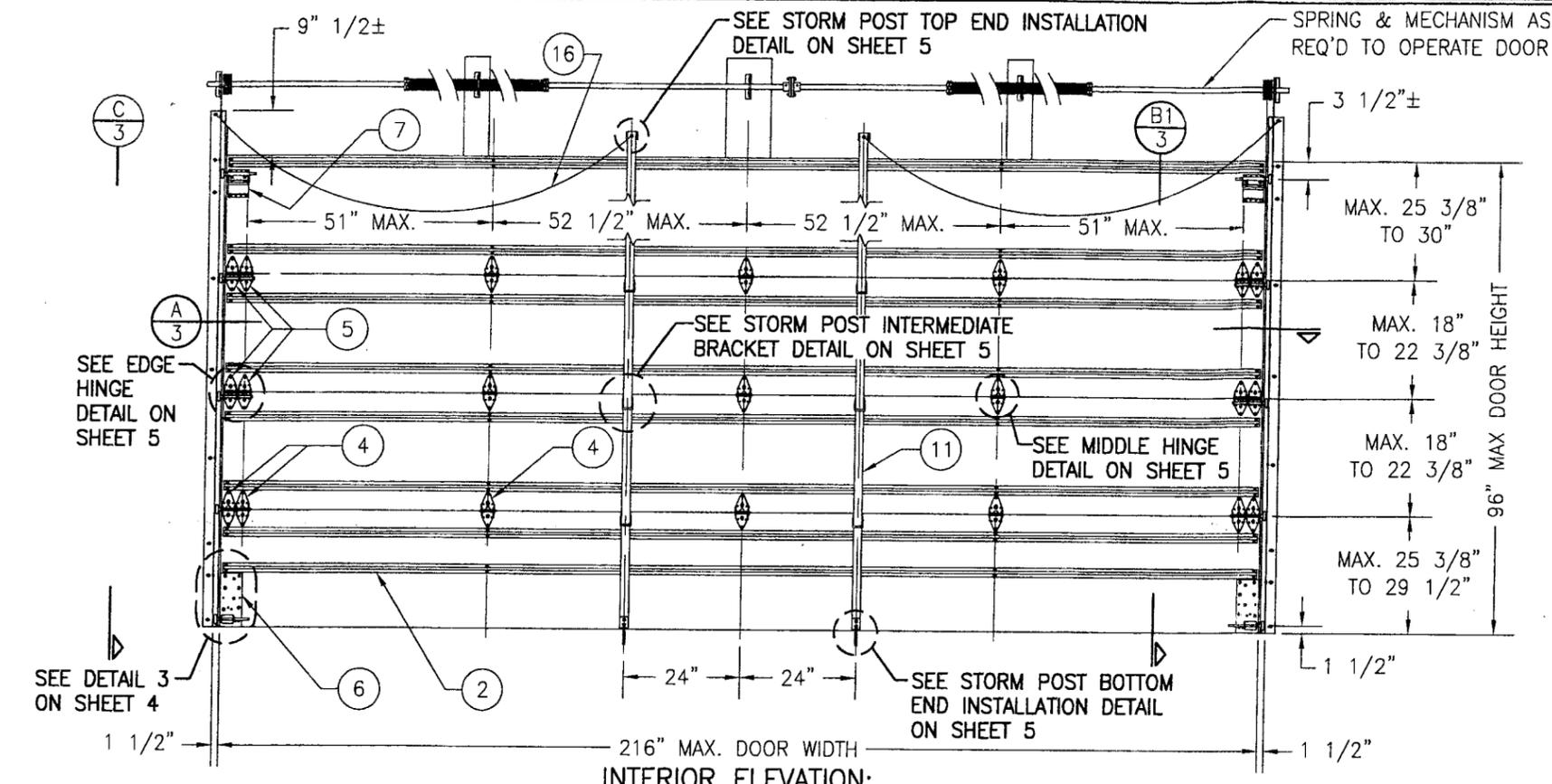
1. Letter of code conformance issued by W.W. Schaefer Engineering & Consulting, P.A., dated 12/11/08, signed and sealed by Warren W. Schaefer, P.E.
2. Letter of no financial interest issued by W.W. Schaefer Engineering & Consulting, P.A., dated 12/11/08, signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory compliance letter for Test Report No. **G507-0402-08**, issued by Hurricane Test Laboratory, LLC, dated 08/21/08, signed and sealed by Vinu J. Abraham, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 08-1224.07

Expiration Date: March 18, 2015

Approval Date: March 18, 2009

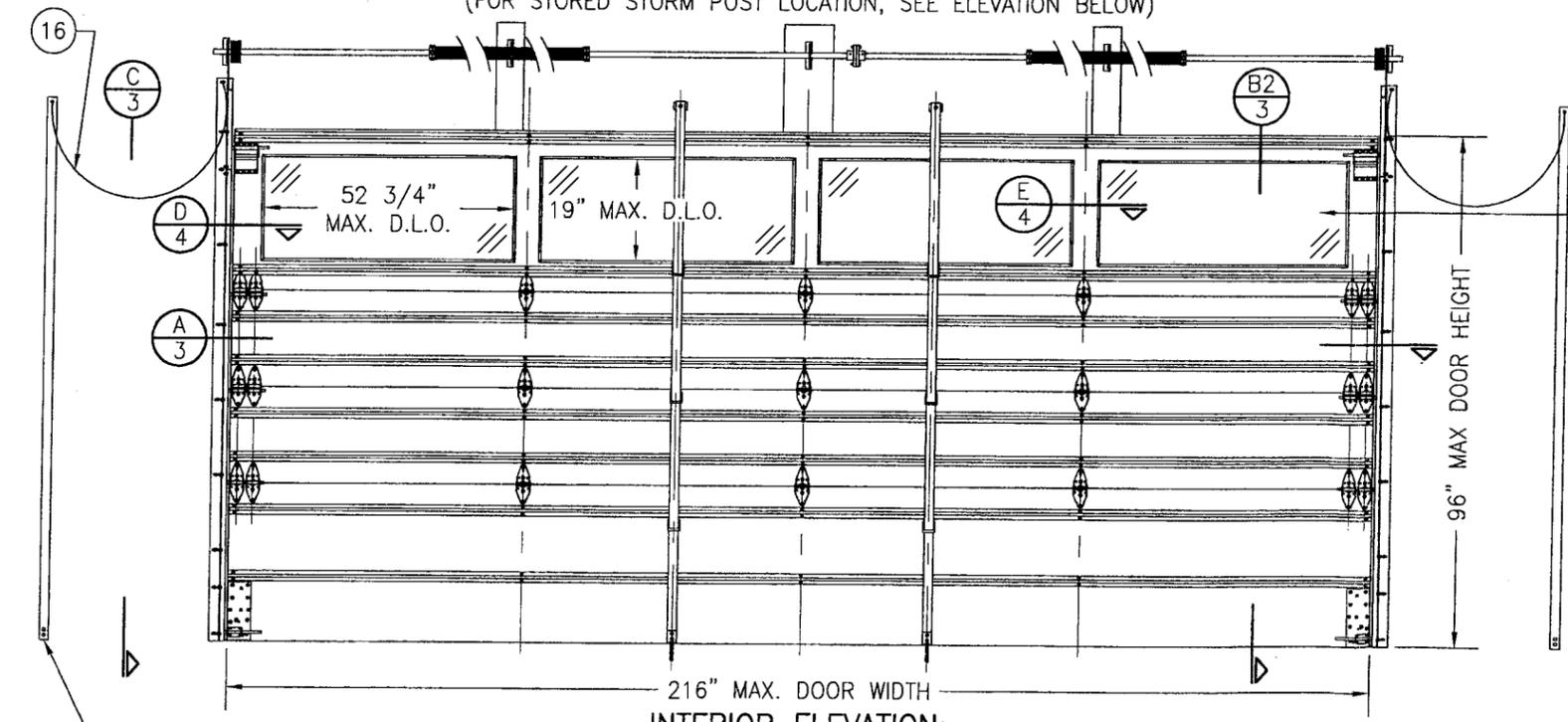


MODEL "H-3" FULLY WOOD PANELED GARAGE DOOR

SCALE: 3/8" = 1'-0"
(FOR STORED STORM POST LOCATION, SEE ELEVATION BELOW)

- GENERAL NOTES:**
1. THESE GARAGE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S).
 2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
 3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
 4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT GARAGE DOORS.
 5. THESE GARAGE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
 6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE GARAGE DOORS.
 7. ALL ANCHORS SECURING DOORS TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
 8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED WHEN USED IN CONJUNCTION WITH LOAD COMBINATIONS SPECIFIED IN SECTION 2.0 OF THE ASCE 7 STANDARD.
 9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
 10. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

ALLOWABLE DESIGN PRESSURE
(ALL DOOR CONDITIONS)
+48/-65 PSF



MODEL "H-4" PARTIALLY GLAZED GARAGE DOOR

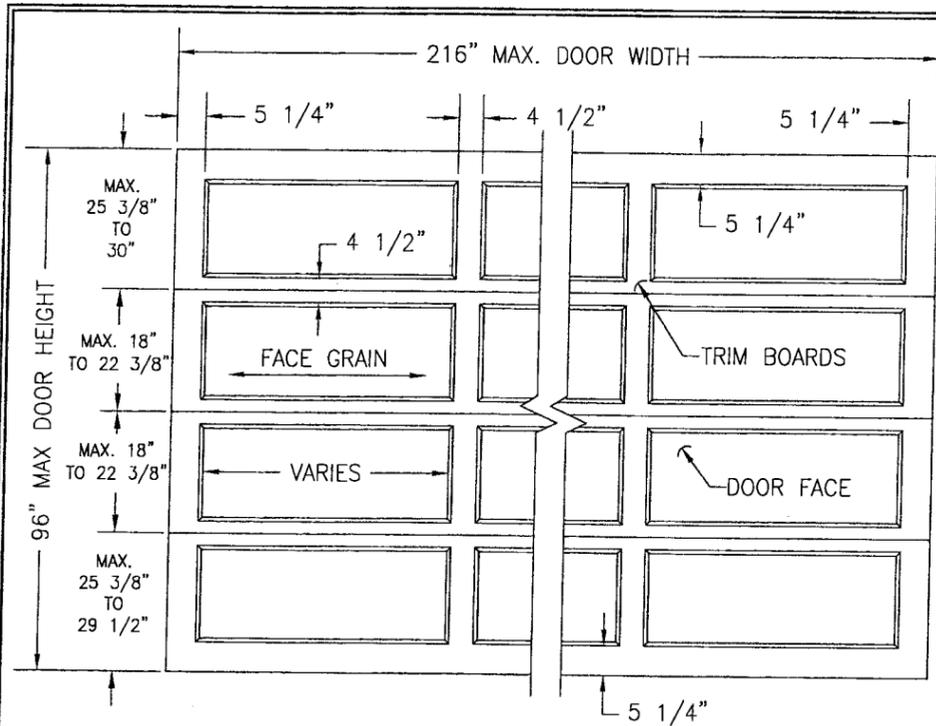
SCALE: 3/8" = 1'-0"
(FOR DETAIL NOT SHOWN, SEE FULLY PANELED GARAGE DOOR ELEVATION ABOVE)

(4 D.L.O. CONDITIONS SHOWN. MORE THAN 4 D.L.O.'S MAY BE PLACED ACCROSS THE DOOR IN THE TOP OR TOP MIDDLE SECTION OF THE DOOR)

NOTE: ALL REMOVABLE STORM POST CONNECTORS SHALL BE LINKED TO THE DOOR OR THE DOOR TRACKS SUCH THAT WHEN REMOVED, THEY WILL NOT BE LOST OR MISPLACED & WILL BE STORED IN AN ACCESSIBLE LOCATION.

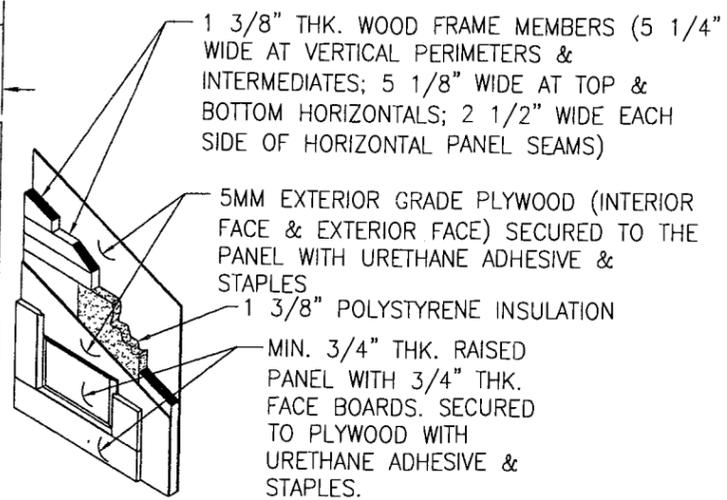
Approved as complying with the Florida Building Code
Date 03/18/2009
NOA# 06-1224-07
Miami Dade Product Control Division
By *[Signature]*

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-32	DATE: 10/21/08
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE 18 FT. WIDE HURRICANE IMPACT WOOD GARAGE DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER DESIGNER DOORS, INC.
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	183 EAST POMEROY STREET RIVER FALLS, WI 54022 800-241-0525
CERTIFICATION FEB 04 2009	WARDEN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1618	REV.
SHEET NO. 1	OF 7



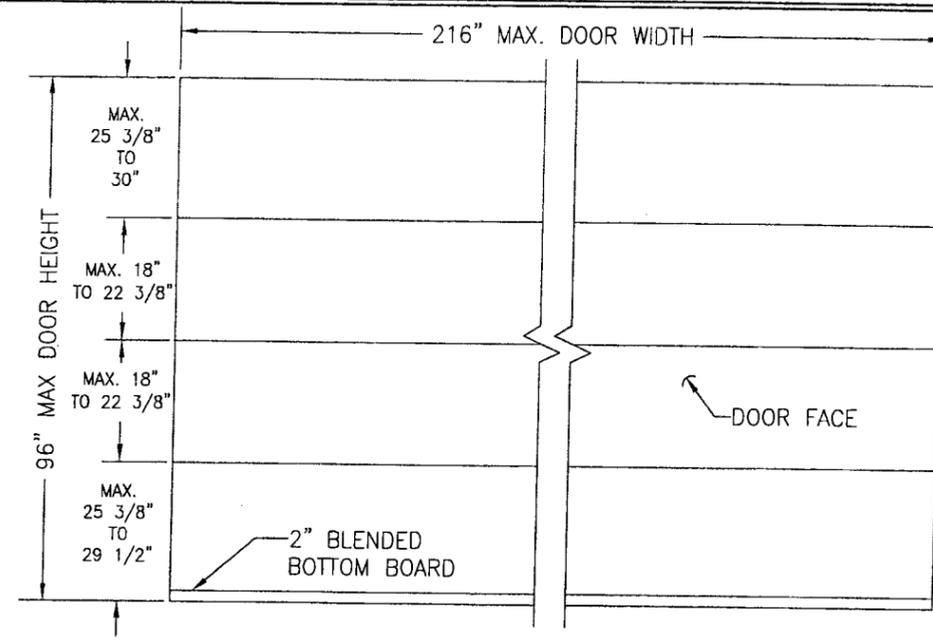
**EXTERIOR ELEVATION;
RAISED PANEL GARAGE DOOR**

SCALE: 3/8" = 1'-0"
(NON-GLAZED DOOR SHOWN, GLAZED DOOR IS SIMILAR)



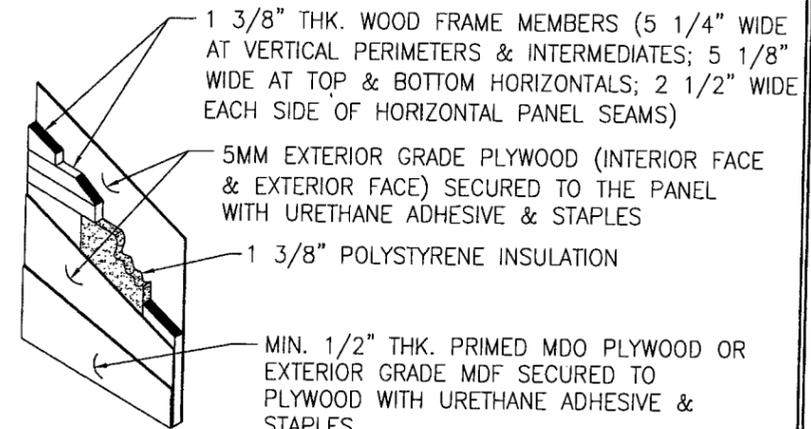
TYP. RAISED PANEL DETAIL

SCALE: N.T.S.



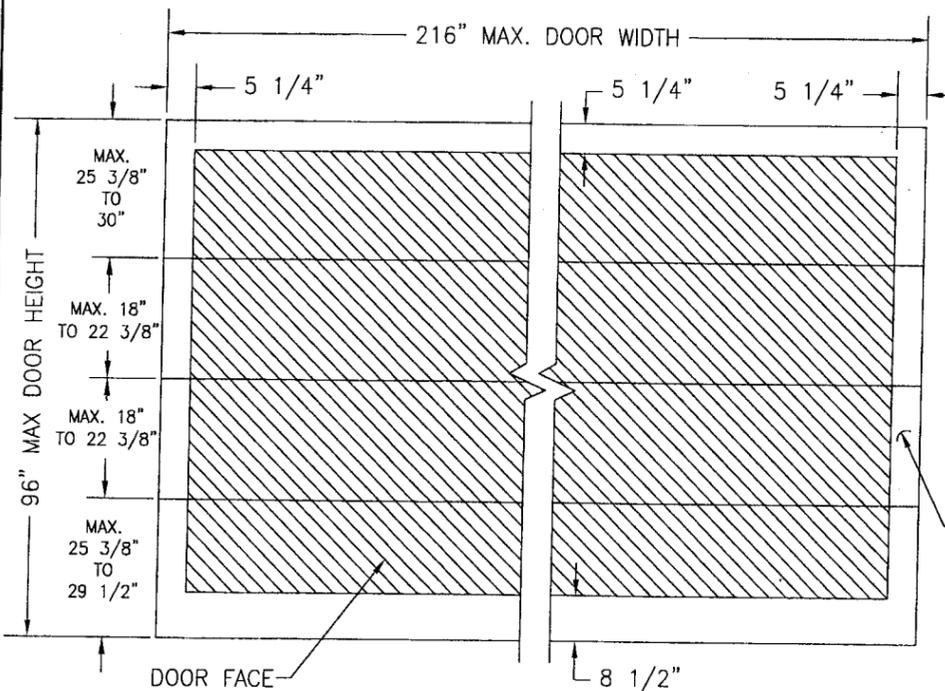
**EXTERIOR ELEVATION;
FLAT PANEL GARAGE DOOR**

SCALE: 3/8" = 1'-0"
(NON-GLAZED DOOR SHOWN, GLAZED DOOR IS SIMILAR)



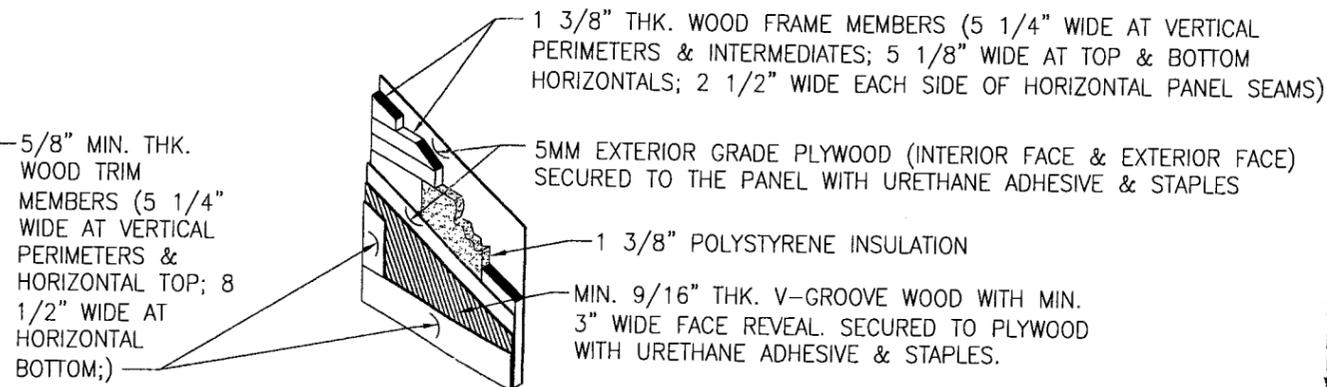
TYP. FLAT PANEL DETAIL

SCALE: N.T.S.



**EXTERIOR ELEVATION;
V-GROOVE PANEL GARAGE DOOR**

SCALE: 3/8" = 1'-0"
("V-GROOVE MAY RUN IN ANY DIRECTION")
(NON-GLAZED DOOR SHOWN, GLAZED DOOR IS SIMILAR)



TYP. V-GROOVE PANEL DETAIL

SCALE: N.T.S.

Approved as complying with the
Florida Building Code
Date: 03/18/2009
NOAF 08-1224.07
Miami Dept. Product Control
Division
By: [Signature]

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-32	DATE: 10/21/08

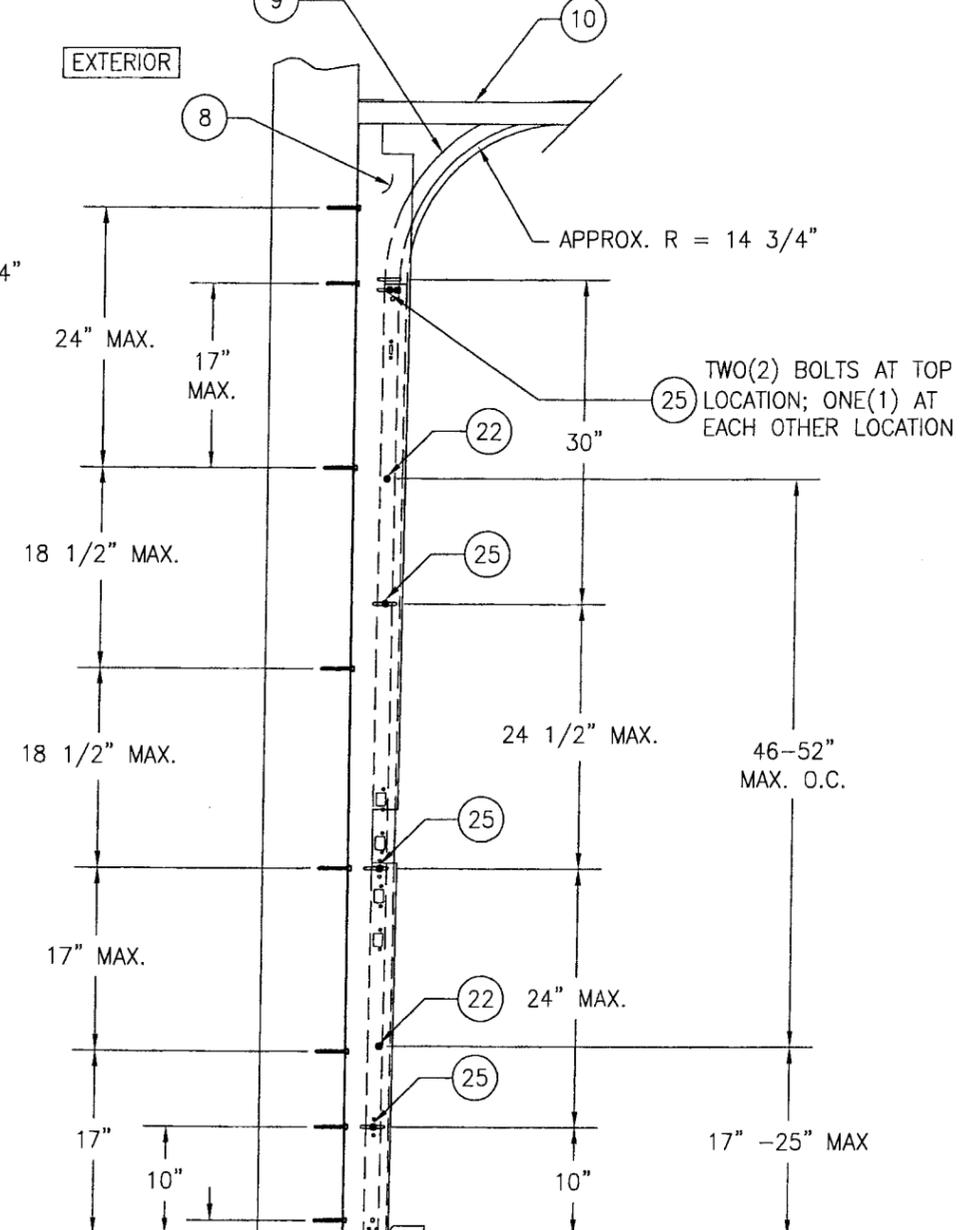
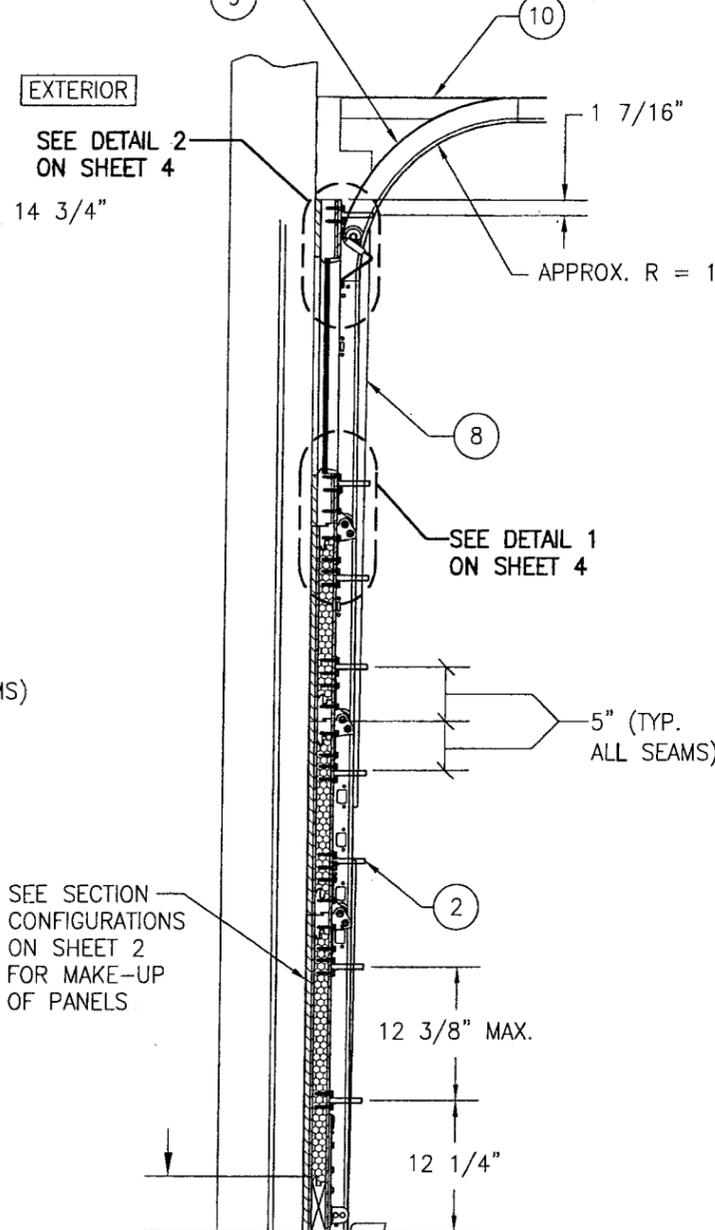
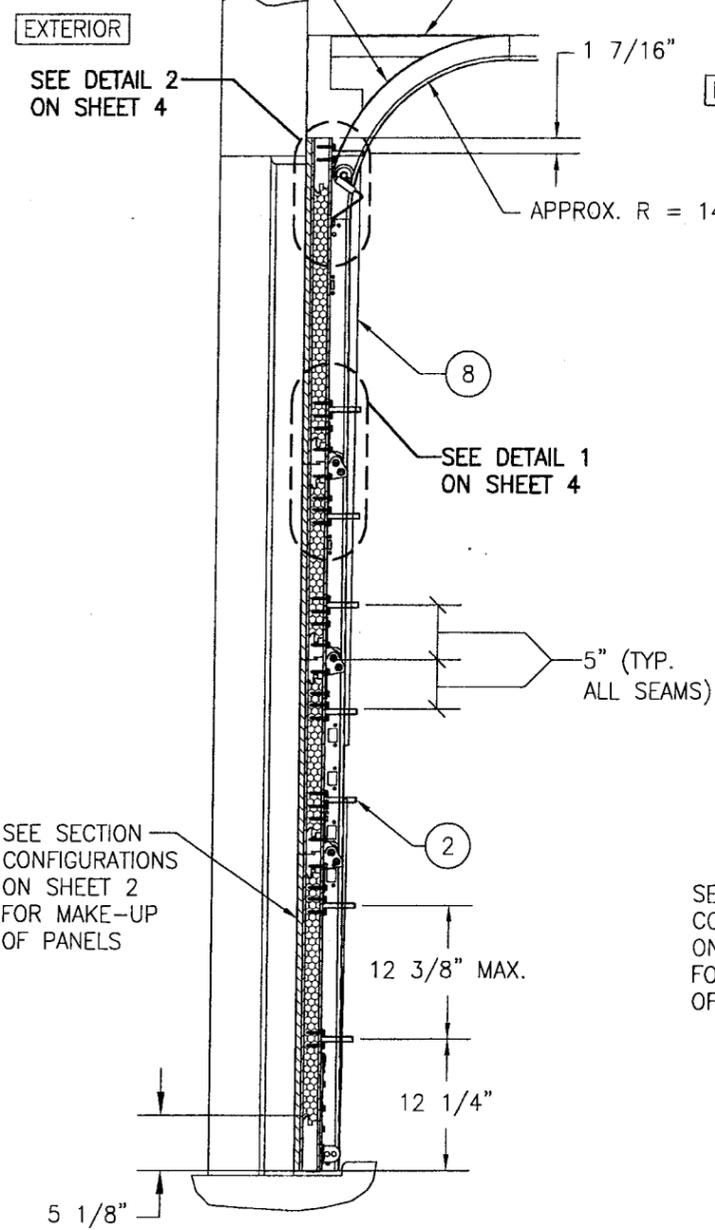
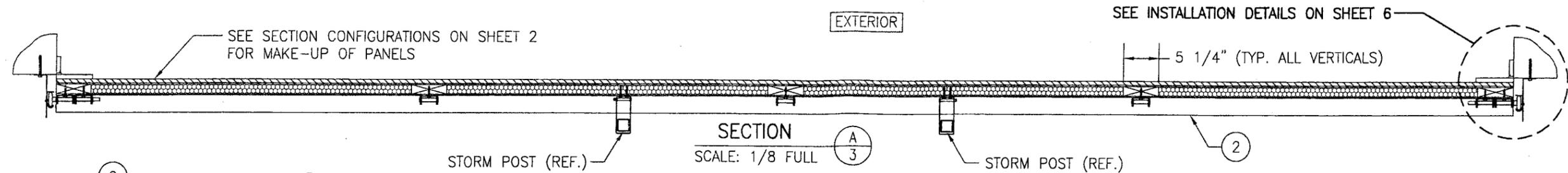
NO.	REVISION DESCRIPTION	DATE	BY

18 FT. WIDE HURRICANE IMPACT WOOD GARAGE DOORS
MANUFACTURER
DESIGNER DOORS, INC.
183 EAST POMEROY STREET
RIVER FALLS, WI 54022
800-241-0525

CONSULTANTS
**W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.**
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

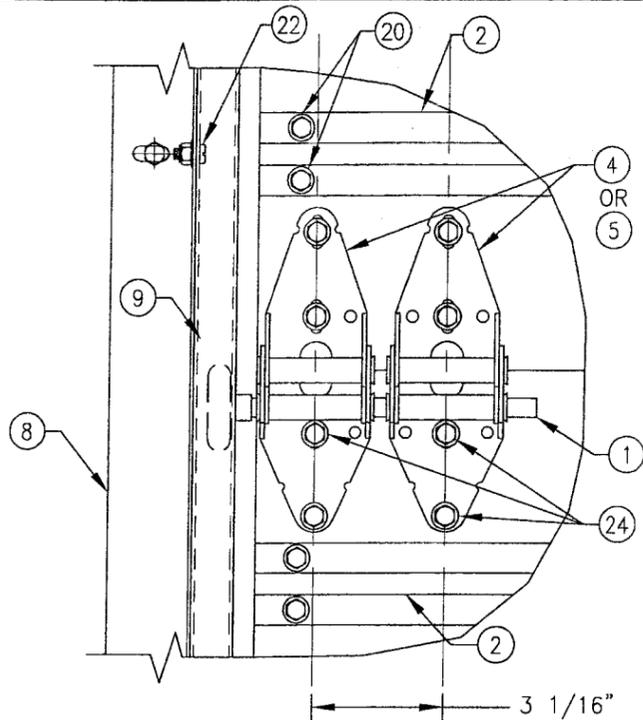
CERTIFICATION
FEB 04 2009
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1618	REV.
SHEET NO. 2	OF 7

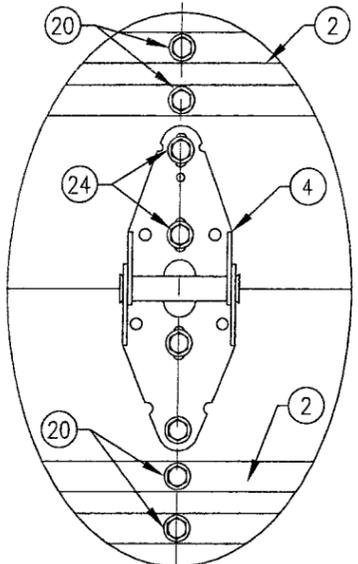


Approved as complying with the
 Florida Building Code
 Date: 03/18/2009
 NOA# 08-1224.07
 Miami Dade Product Control
 Division
 By: [Signature]

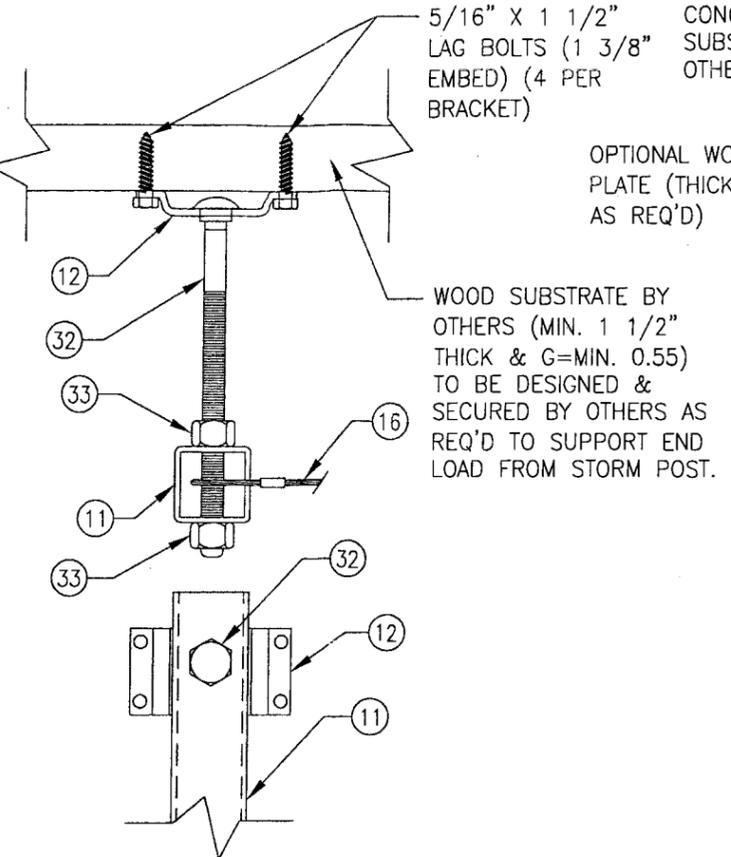
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 10/21/08
NO.	REVISION DESCRIPTION
BY	DATE
DRAWING TITLE 18 FT. WIDE HURRICANE IMPACT WOOD GARAGE DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER DESIGNER DOORS, INC.
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	183 EAST POMEROY STREET RIVER FALLS, WI 54022 800-241-0525
CERTIFICATION FEB 04 2009	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1618	REV.
SHEET NO. 3	OF 7



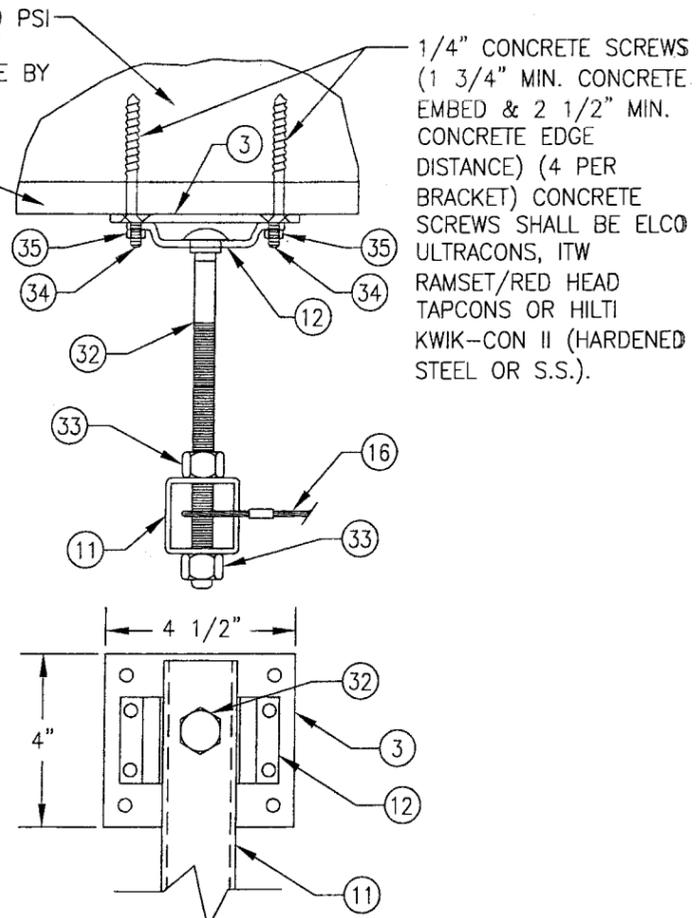
EDGE HINGE DETAIL



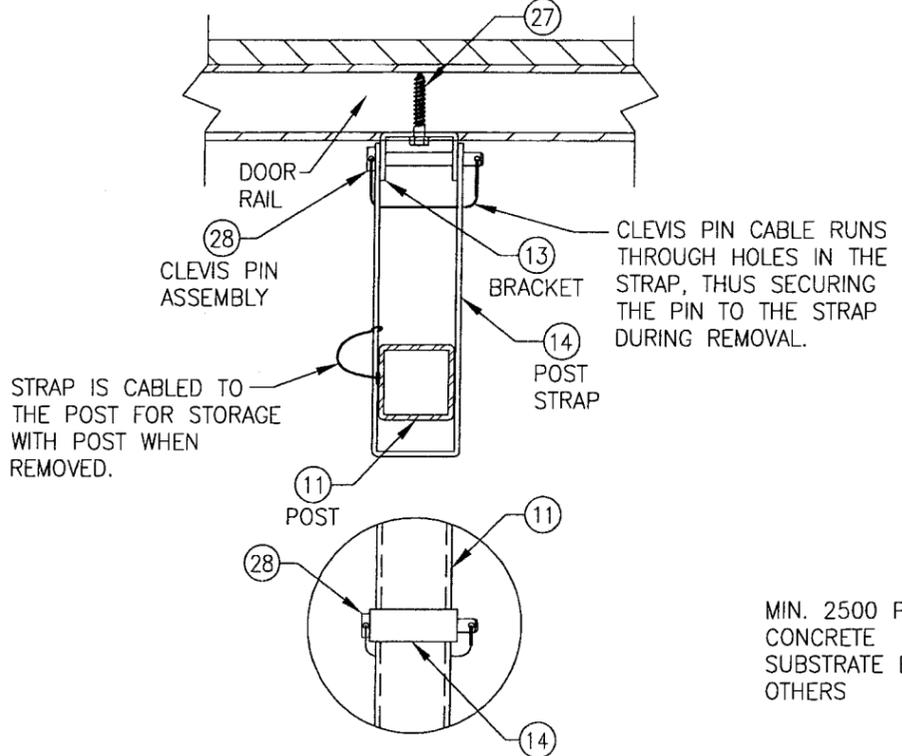
MIDDLE HINGE DETAIL



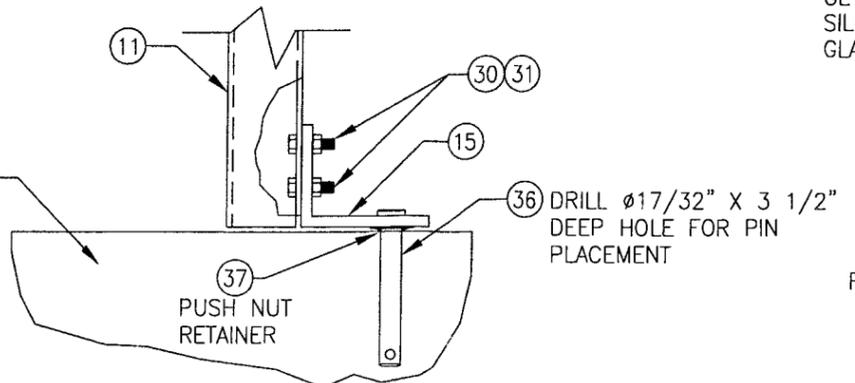
**STORM POST TOP END INSTALLATION DETAIL
(INTO WOOD SUBSTRATE)**



**STORM POST TOP END INSTALLATION DETAIL
(INTO CONCRETE SUBSTRATE)**

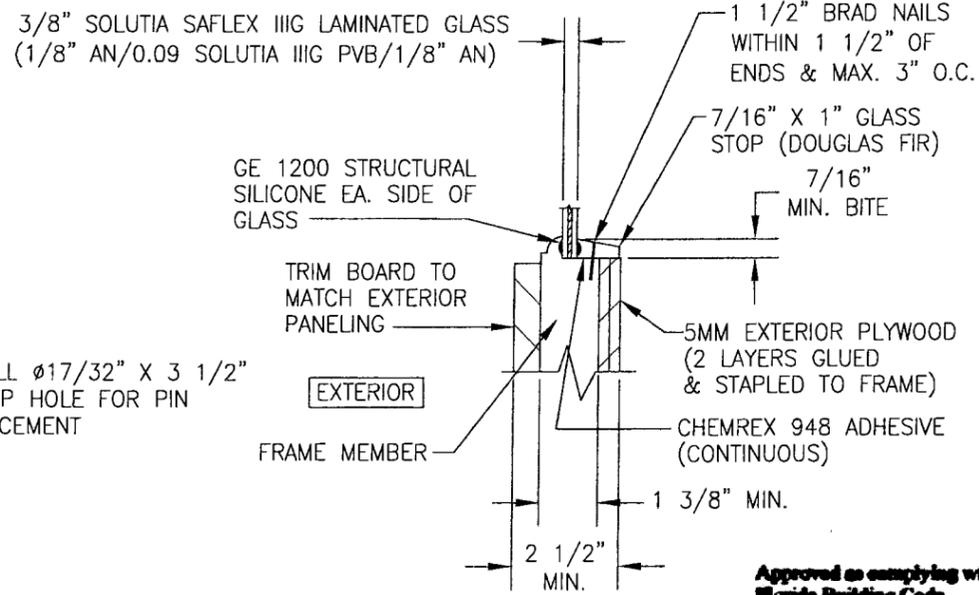


STORM POST INTERMEDIATE BRACKET DETAIL
(1 BRACKET IS LOCATED AT EACH DOOR PANEL SEAM LOCATION; 3 TOTAL PER BAR)



STORM POST BOTTOM END INSTALLATION DETAIL

PIN IS SECURED TO THE POST FOOT ANGLE VIA THE PUSH NUT RETAINER SHOWN SO PIN STAYS WITH THE POST DURING STORAGE.



GLAZING DETAIL

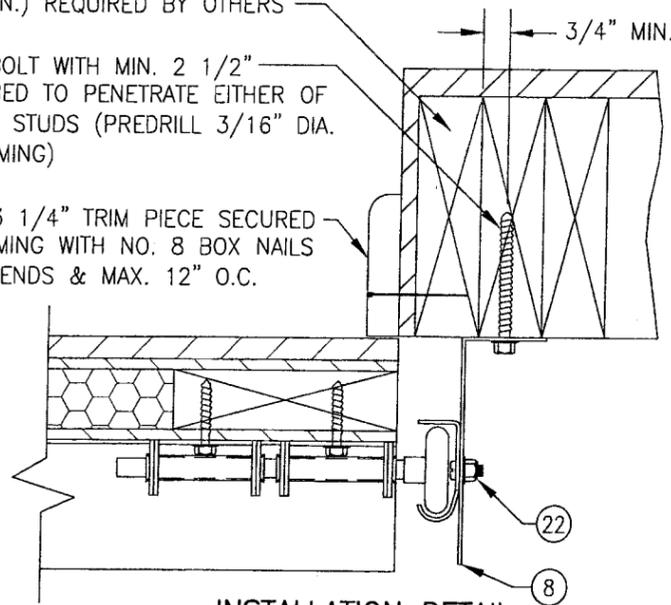
Approved as complying with the Florida Building Code
Date 03/18/2009
NOA# 08-1224-07
Miami Dade Product Control
By *[Signature]*

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=4		DATE: 10/21/08	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: 18 FT. WIDE HURRICANE IMPACT WOOD GARAGE DOORS			
MANUFACTURER: DESIGNER DOORS, INC. 183 EAST POMEROY STREET RIVER FALLS, WI 54022 800-241-0525			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION: FEB 04 2009			
DRAWING NO. 1618			
SHEET NO. 5 OF 7			

MIN. (4) 2X STUDS (SYP WITH S.G.=0.55 MIN.) REQUIRED BY OTHERS

5/16" LAG BOLT WITH MIN. 2 1/2" FRAMING EMBED TO PENETRATE EITHER OF THE FRAMING STUDS (PREDRILL 3/16" DIA. HOLE IN FRAMING)

MIN. 3/4" X 3 1/4" TRIM PIECE SECURED TO WOOD FRAMING WITH NO. 8 BOX NAILS WITHIN 3" OF ENDS & MAX. 12" O.C.

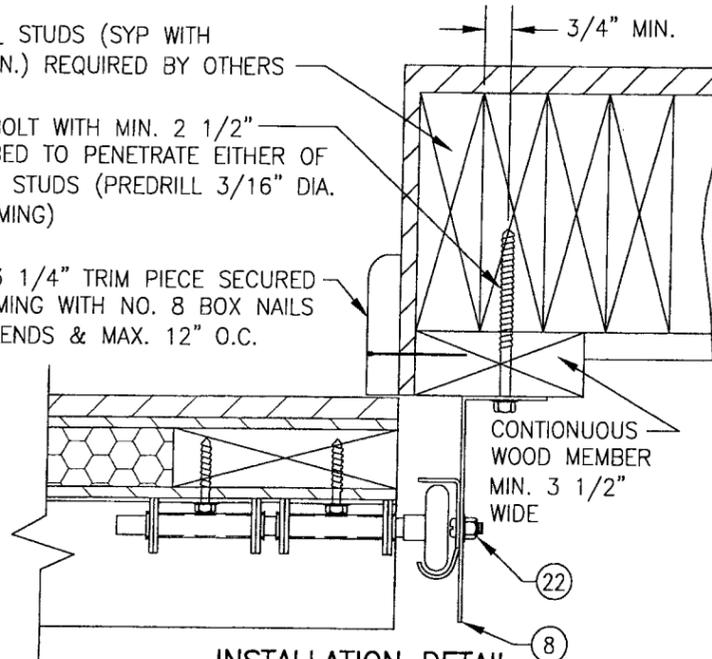


**INSTALLATION DETAIL
DIRECT TO WOOD FRAMING**

MIN. (4) 2X STUDS (SYP WITH S.G.=0.55 MIN.) REQUIRED BY OTHERS

5/16" LAG BOLT WITH MIN. 2 1/2" FRAMING EMBED TO PENETRATE EITHER OF THE FRAMING STUDS (PREDRILL 3/16" DIA. HOLE IN FRAMING)

MIN. 3/4" X 3 1/4" TRIM PIECE SECURED TO WOOD FRAMING WITH NO. 8 BOX NAILS WITHIN 3" OF ENDS & MAX. 12" O.C.

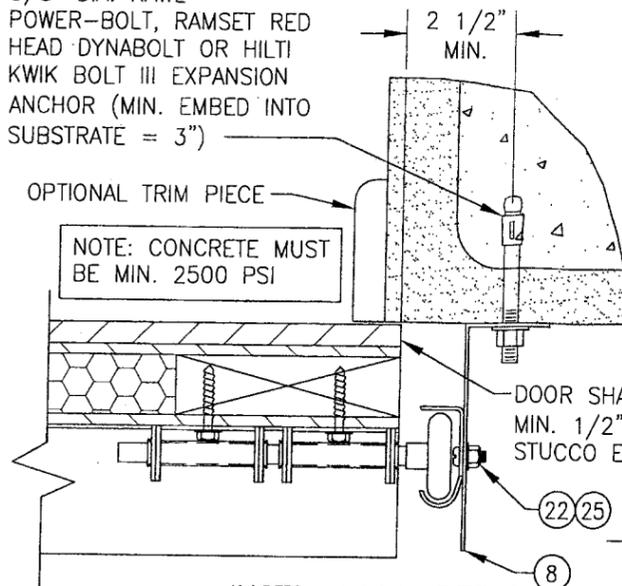


**INSTALLATION DETAIL
SHIMMED TO WOOD FRAMING**

3/8" DIA. RAWL POWER-BOLT, RAMSET RED HEAD DYNABOLT OR HILTI KWIK BOLT III EXPANSION ANCHOR (MIN. EMBED INTO SUBSTRATE = 3")

OPTIONAL TRIM PIECE

NOTE: CONCRETE MUST BE MIN. 2500 PSI



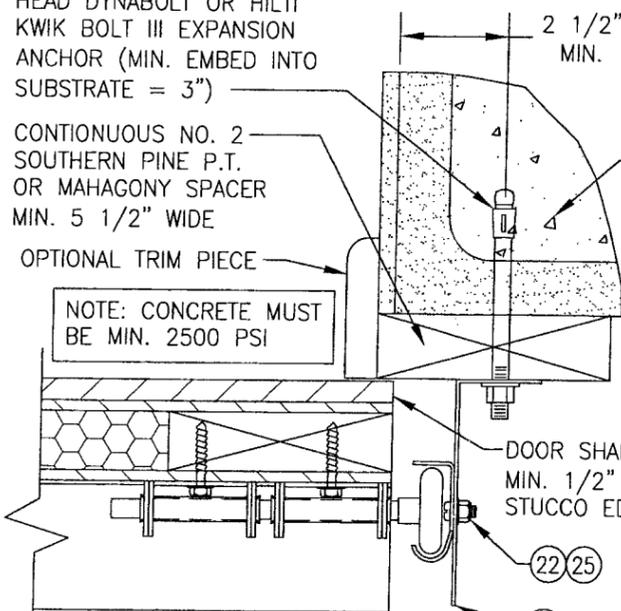
**INSTALLATION DETAIL
DIRECT TO FILLED BLOCK
OR SOLID CONCRETE**

3/8" DIA. RAWL POWER-BOLT, RAMSET RED HEAD DYNABOLT OR HILTI KWIK BOLT III EXPANSION ANCHOR (MIN. EMBED INTO SUBSTRATE = 3")

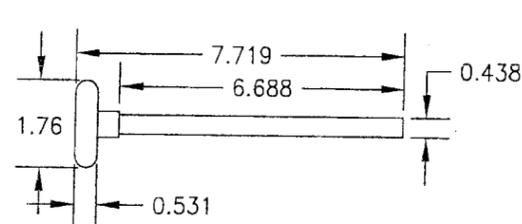
CONTINUOUS NO. 2 SOUTHERN PINE P.T. OR MAHAGONY SPACER MIN. 5 1/2" WIDE

OPTIONAL TRIM PIECE

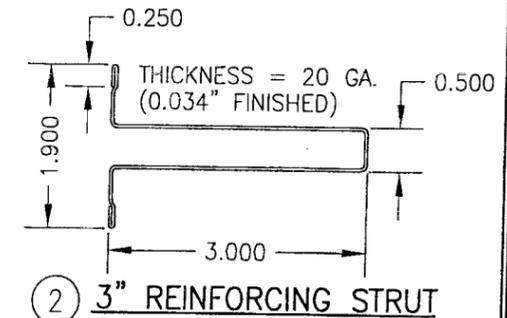
NOTE: CONCRETE MUST BE MIN. 2500 PSI



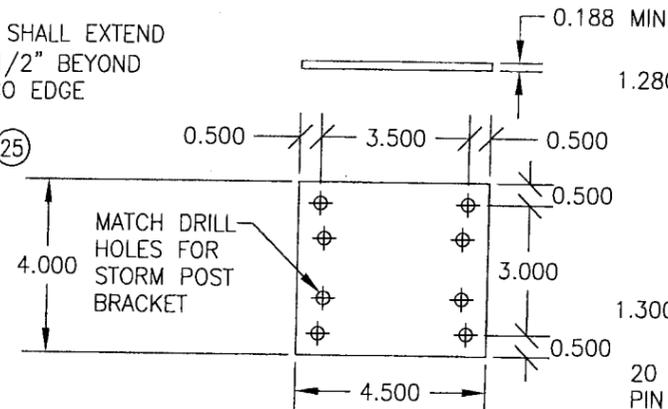
**INSTALLATION DETAIL
SHIMMED TO FILLED BLOCK
OR SOLID CONCRETE**



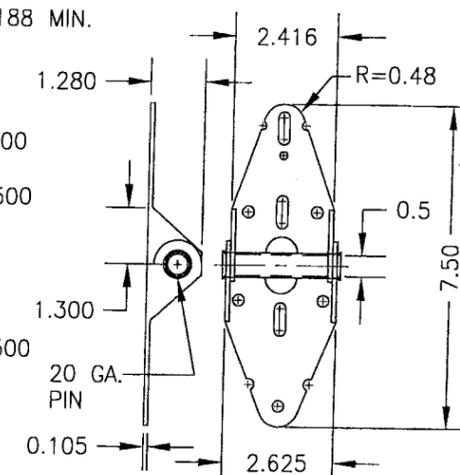
**1 NYLON ROLLER WITH
AISI STEEL ROD**



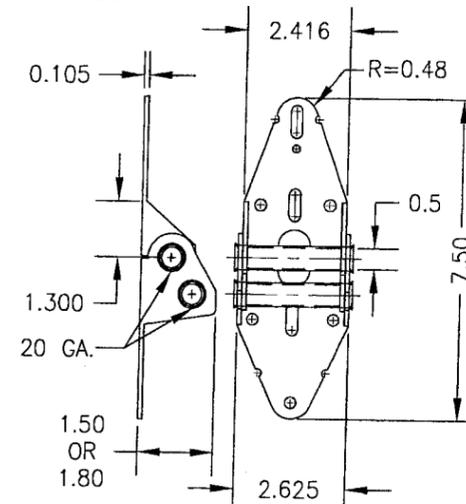
2 3" REINFORCING STRUT



3 ADAPTER PLATE



4 SINGLE PIN HINGE



5 DOUBLE PIN HINGE

Approved as complying with the Florida Building Code
Date 03/18/2009
NOA# 28-1224.07
Miami Dade Product Control
By [Signature]

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=4	DATE: 10/21/08
NO.	REVISION DESCRIPTION

DRAWING TITLE
18 FT. WIDE HURRICANE IMPACT WOOD GARAGE DOORS

DESIGNER DOORS, INC.
183 EAST POMEROY STREET
RIVER FALLS, WI 54022
800-241-0525

CONSULTANTS
**W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A.**
8895 N. MILITARY TRAIL, SUITE C204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

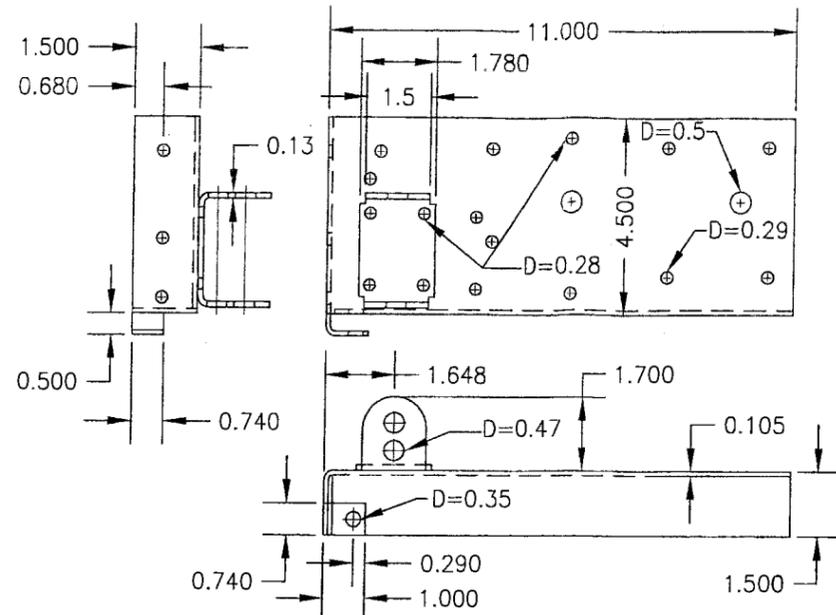
CERTIFICATION
FEB 04 2009
WARREN W. SCHAEFER, P.E.
P.E. NO. 44133

DRAWING NO. 1618	REV.
SHEET NO. 6	OF 7

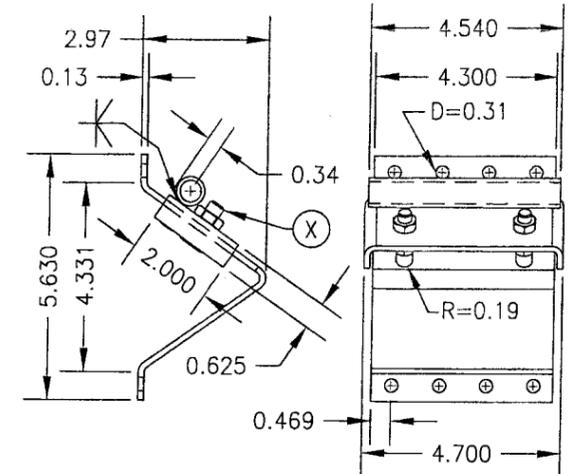
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS & HARDWARE		
1	ROLLER	NYLON W/AISI 1045 STL. ROD
2	3" REINFORCING STRUT	GALV. 80 KSI STEEL
3	ADAPTER BRACKET	MIN. 3/16" A-36 STEEL
4	SINGLE ROLLER HINGE	GALV. 36 KSI STEEL
5	DOUBLE ROLLER HINGE	GALV. 36 KSI STEEL
6	BOTTOM CABLE BRACKET	GALV. 36 KSI STEEL
7	ADJUSTABLE TOP BRACKET	GALV. 36 KSI STEEL
8	TRACK ANGLE (TAPERED)	GALV. 33 KSI STEEL
9	VERTICAL TRACK (HORIZ. TRACK SIMILAR)	GALV. 33 KSI STEEL
10	HORIZONTAL REINFORCEMENT ANGLE	2" X 2" X 13GA GALV. 33 KSI STEEL
11	STORM POST	1 3/4" X 1 3/4" X 0.105" THICK GALV. 50 KSI STEEL
12	STORM POST TOP BRACKET	A-36 STEEL
13	STORM POST INTERMEDIATE BRACKET	A-36 STEEL
14	STORM POST INTERMEDIATE BRACKET STRAP	A-36 STEEL
15	STORM POST BOTTOM END ANGLE	A-36 STEEL
16	POST CABLE	Ø0.125" GALV. OR S.S.
MISCELLANEOUS FASTENERS		
20	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	ALIGNED WITH HINGES PER ELEVATIONS
21	3/8-16 BOLT	2 AT EACH TOP BRACKET
22	1/4-20 X 5/8 RIB NECK TRACK BOLT	2 PER TRACK (FIELD DRILLED & INSTALLED)
23	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	8 PER TOP BRACKET
24	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	4 PER HINGE
25	1/4-20 X 5/8 RIB NECK TRACK BOLT	5 PER TRACK
26	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	10 PER BOTTOM CABLE BRACKET
27	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	2 PER STORM POST INTERMEDIATE BRACKET
28	Ø0.031 X 2 1/2 CLEVIS PIN/CABLE ASSEMBLY	1 PER BRACKET; McMASTER CARR #98416A017
30	5/16-18 X 3/4 CARRIAGE BOLT	2 PER BOTTOM BRACKET CONNECTION
31	5/16-18 SERRATED FLANGE NUT	2 PER BOTTOM BRACKET CONNECTION
32	1/2" X 8" CARRIAGE BOLT (GRADE 5)	1 PER STORM POST TOP ASSEMBLY
33	1/2" SERRATED FLANGE NUT	2 PER STORM POST TOP ASSEMBLY
34	1/4-20 X 3/4" F.H. MACHINE SCREW	2 PER ADAPTER PLATE
35	1/4-20 X SERRATED FLANGE NUT	2 PER ADAPTER PLATE
36	Ø1/2" X 3 1/2" CLEVIS PIN	1 PER STORM POST BOTTOM END ANGLE
37	1/2" PUSH NUT RETAINER	1 PER BRACKET; McMASTER CARR #98807A034

PANEL NOTES:

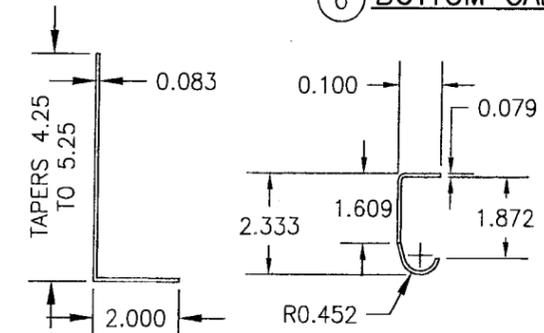
- HORIZONTAL & VERTICAL FRAME MEMBERS ARE EDGE COPEDED, BUTTED TOGETHER & GLUED WITH TYPE 1 WOOD GLUE. IN ADDITION, THE VERTICAL MEMBERS ARE SCREWED TO THE HORIZONTAL WITH 2 NO. 8 X 2" SCREWS ANGLED FROM THE BACK FACE OF THE DOOR.
- 5mm PLYWOOD IS STAPLED TO THE FRAME WITH 18 GA. X 5/8" X 1/4" STAPLES AND GLUED WITH DEGABOND 948 URETHANE ADHESIVE OR EQUIVALENT.
- THE EXTERIOR PANEL/STRIPS ARE ATTACHED TO THE 5mm PLYWOOD AND FRAME WITH 18 GA. X 1 1/2" X 1/4" STAPLES AND CHEMREX 948 URETHANE ADHESIVE.
- EXTERIOR FINISH WOOD (PANELS/STRIPS) USED IN TESTING WAS NO. 2 WESTERN RED CEDAR WITH A SPECIFIC GRAVITY OF G = 0.32. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.32 OR GREATER.
- ALL INTERIOR FRAME MEMBERS SHALL BE NO. 2 DOUGLAS FIR WITH G = 0.49.
- IT IS THE OPTION OF DESIGNER DOOR TO INCORPORATE AN INTERIOR FINISH FACE ON ANY DOOR. THIS FACE SHALL BE EQUAL TO THOSE EXTERIOR FACES APPROVED PER THE DETAILS ON THIS DRAWING AND BE SECURED TO THE DOOR IN THE SAME MANNER AS THE EXTERIOR FACE. THIS INTERIOR FACE SHALL BE AN ADDITIONAL LAYER AND SHALL NOT REPLACE ANY LAYER SHOWN IN THE DETAILS ON THIS SHEET. ALSO, ALL HARDWARE LAG SCREWS SHALL BE LENGTHENED TO MIN. 2 1/4" TO ALLOW FOR THE ADDITIONAL THICKNESS OF THE ADDED INTERIOR SKIN.



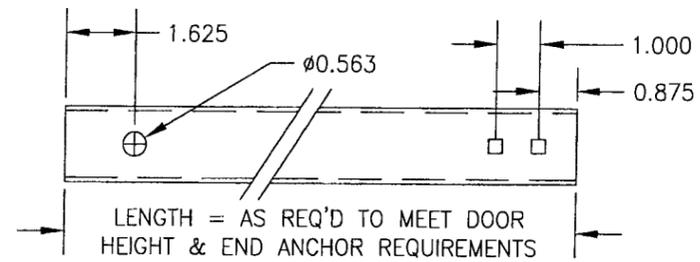
6 BOTTOM CABLE BRACKET



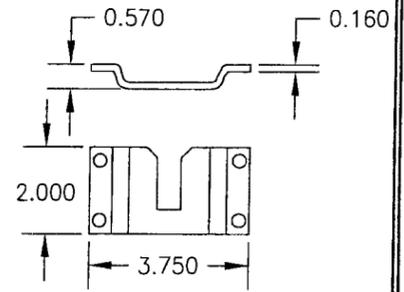
7 ADJUSTABLE TOP BRACKET



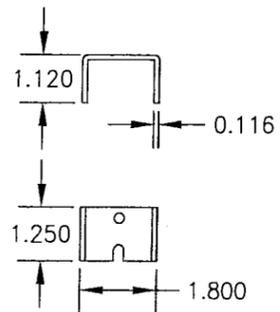
8 TRACK ANGLE



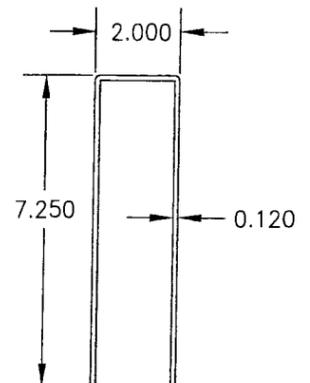
11 STORM POST



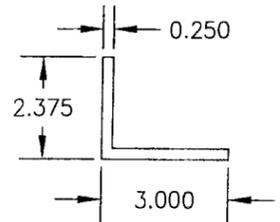
12 STORM POST TOP BRACKET



13 STORM POST INTERMEDIATE BRACKET



14 STORM POST INTERMEDIATE BRACKET STRAP
(WIDTH = 0.750)



15 STORM POST BOTTOM END ANGLE

Approved as complying with the Florida Building Code
Date 03/18/2009
NOA 03-1224-D7
Miami Dade Product Control Division
By [Signature]

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=4	DATE: 10/21/08
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE	
18 FT. WIDE HURRICANE IMPACT WOOD GARAGE DOORS	
CONSULTANTS	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	
8805 N. MILITARY TRAIL, SUITE C204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER	
DESIGNER DOORS, INC. 183 EAST POMEROY STREET RIVER FALLS, WI 54022 800-241-0525	
CERTIFICATION	
FEB 04 2009	
DRAWING NO.	REV.
1618	
SHEET NO.	
7	OF 7