

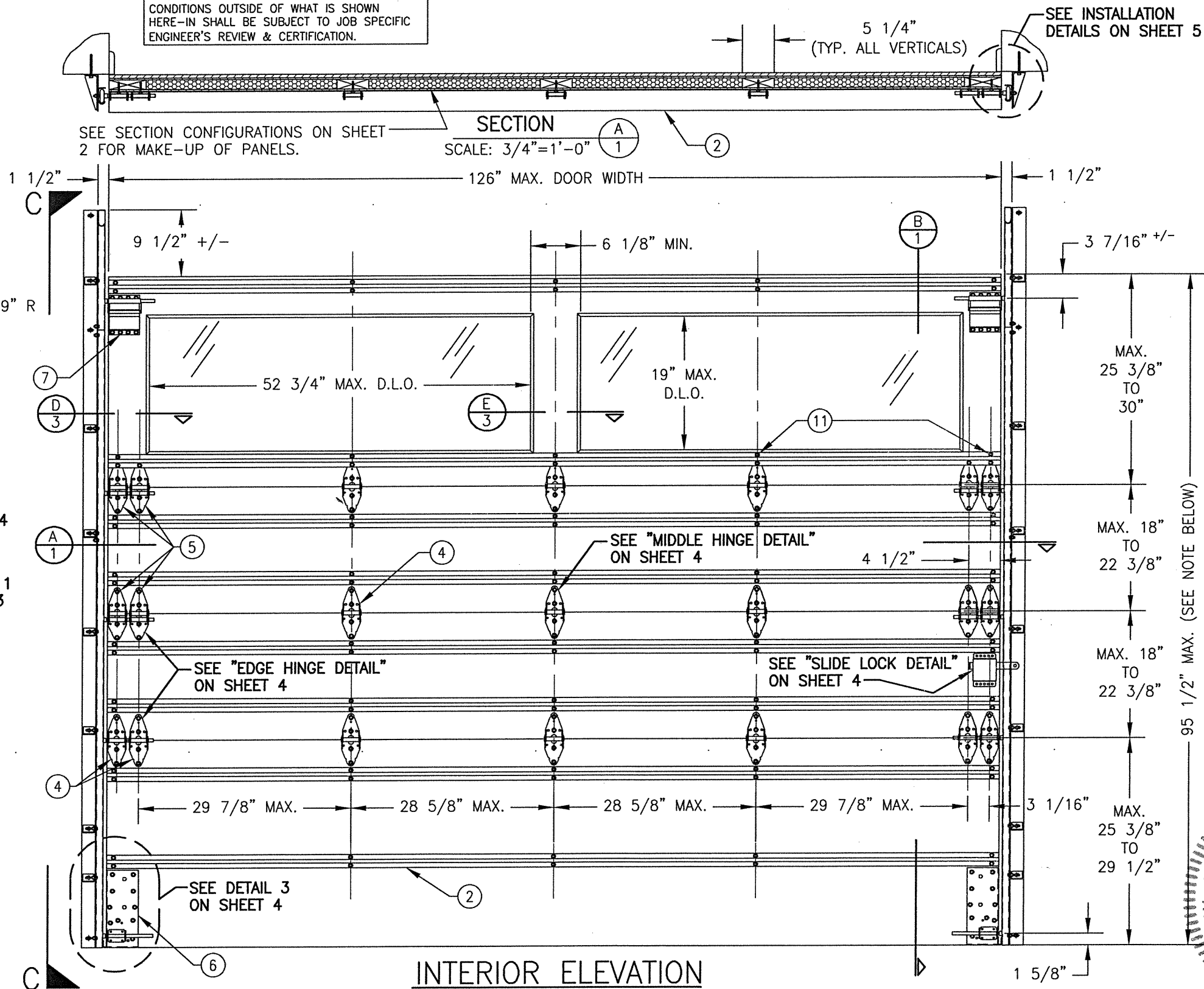
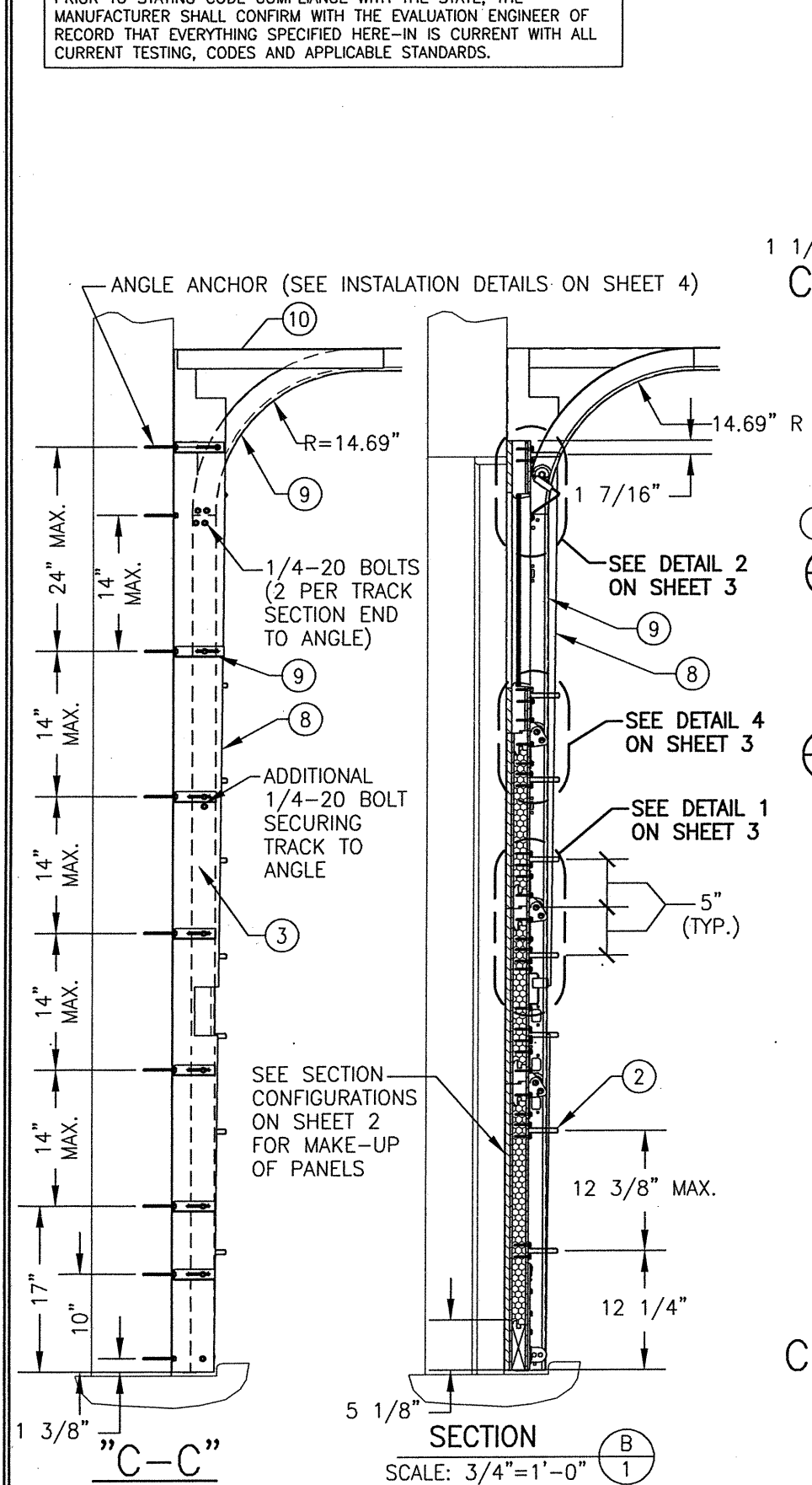
EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THIS PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE EVALUATION ENGINEER OF RECORD THAT EVERYTHING SPECIFIED HERE-IN IS CURRENT WITH ALL CURRENT TESTING, CODES AND APPLICABLE STANDARDS.

ANCHOR/SUBSTRATE EVALUATION NOTE:
ALL ANCHORS IN THEIR SPECIFIED SUBSTRATES HAVE BEEN ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARD(S) AND ARE FOUND TO BE CAPABLE OF SUPPORTING ALL LOADS IMPOSED ON THEM UNDER THE GUIDELINES OF THIS DOCUMENT. ANY SUBSTRATES OR CONDITIONS OUTSIDE OF WHAT IS SHOWN HERE-IN SHALL BE SUBJECT TO JOB SPECIFIC ENGINEER'S REVIEW & CERTIFICATION.

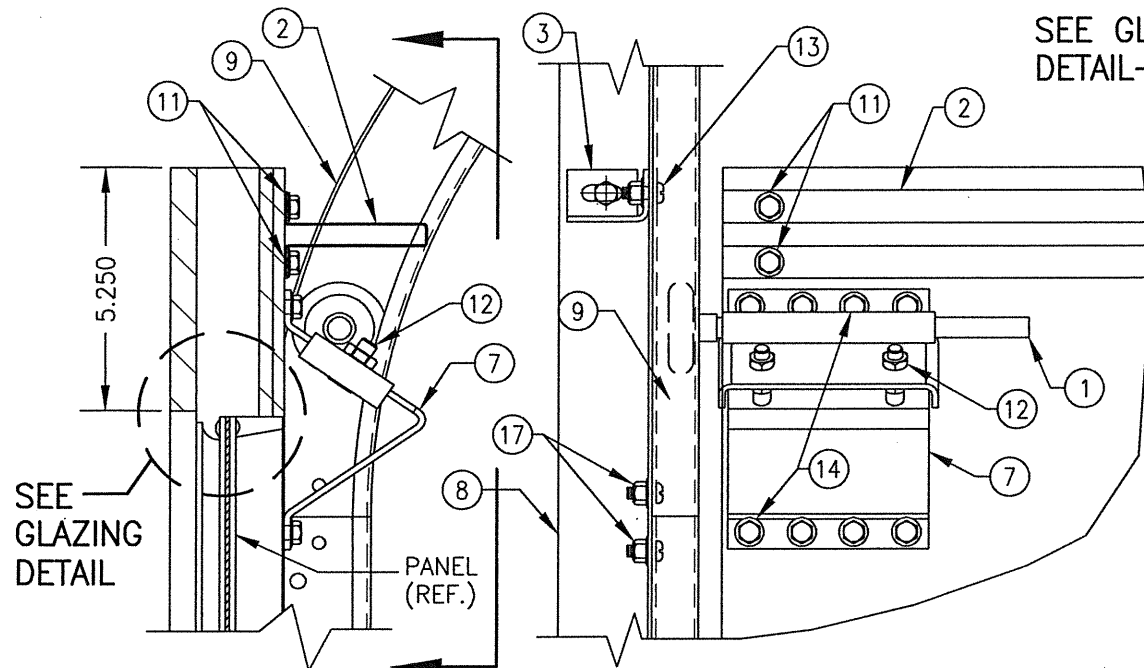
ALLOWABLE DESIGN LOAD	
POSITIVE	NEGATIVE
48 PSF	65 PSF

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

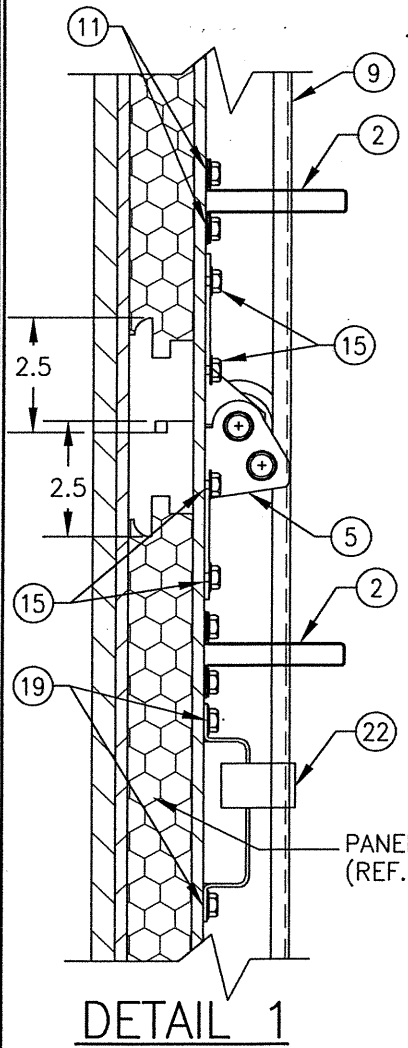
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 07/24/02	
DATE	BY	REVISION	DESCRIPTION
11/15/10	WWS	C1	ADD DUPONT BUTYCE GLASS
11/12/14	WWS	D1	MANUFACTURER NAME CHANGE
12/12/16	WWS	E1	UPDATE TO CURRENT STANDARDS
11/13/18	WWS	F1	MANUFACTURER NAME CHANGE
12/07/21	WWS	G1	CHANGE TO STATE APPROVAL
DRAWING TITLE 10'-6" WIDE GLAZED HURRICANE IMPACT WOOD GARAGE DOORS MANUFACTURER DESIGNER PRODUCTS, LLC dba CAMBEK DESIGNER DOORS 702 TROY ST. RIVER FALLS, WI 54022 800-241-0525 CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 PROFESSIONAL ENGINEER			
DRAWING NO. 1140		REV. G	
SHEET NO. 1		OF 5	



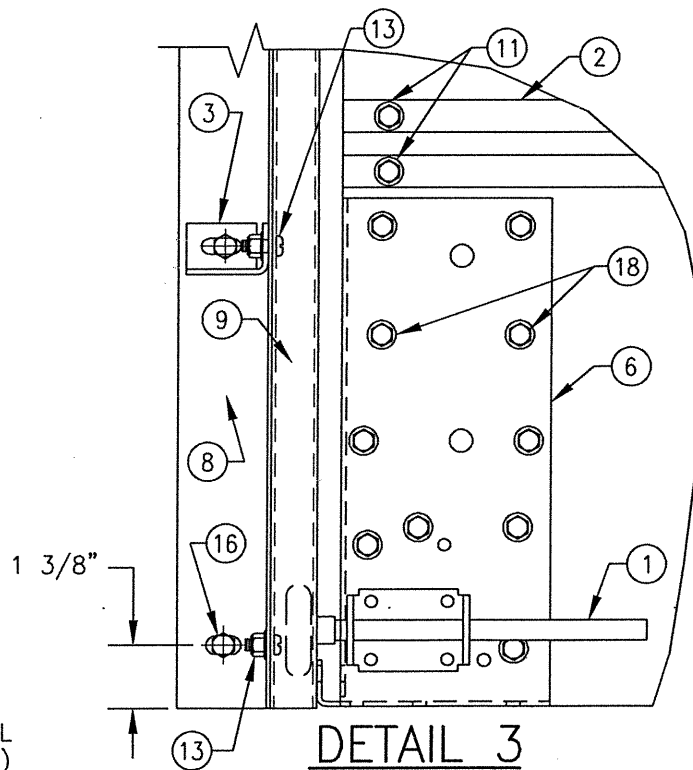
NOTE: DOOR HEIGHT MAY BE INCREASED BY UP TO 22 3/8" INCREMENTS TO A MAXIMUM OF 24 FT. PROVIDING ADDITIONAL CENTER PANEL(S) IS PLACED.
2-LIGHT DOOR SHOWN; SEE SHEET 2 FOR 3-LIGHT CONDITION.



DETAIL 2

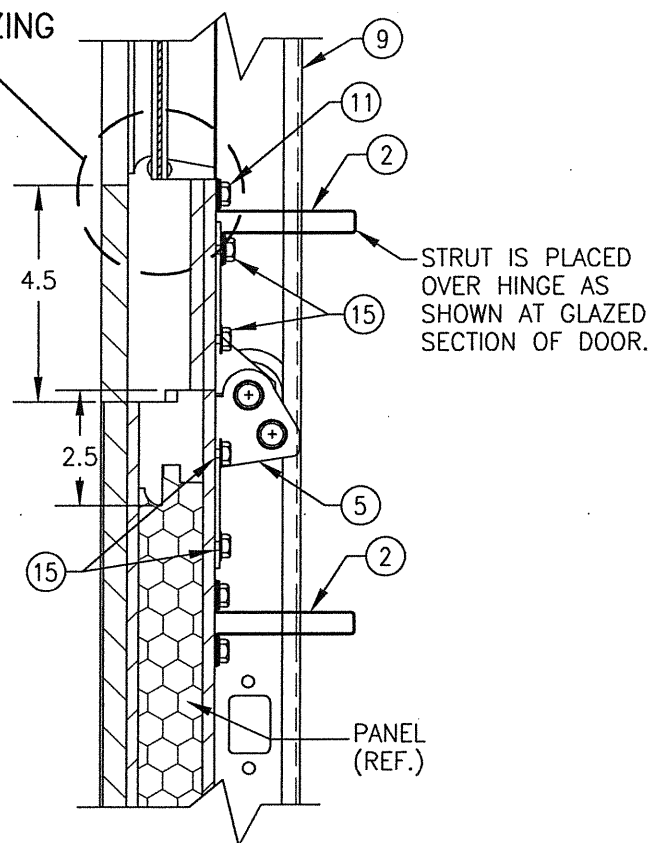


DETAIL 1

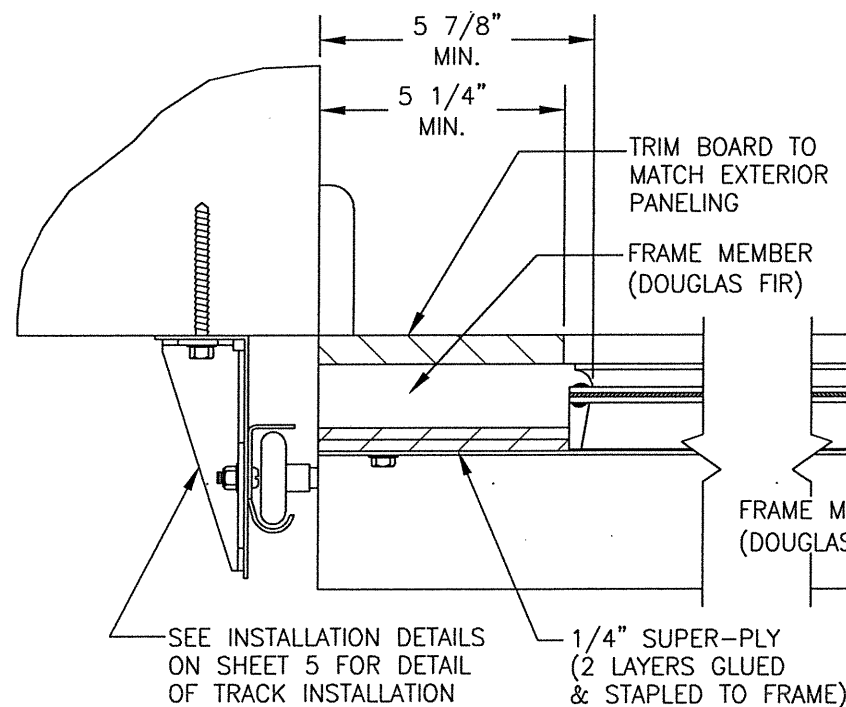


DETAIL 3

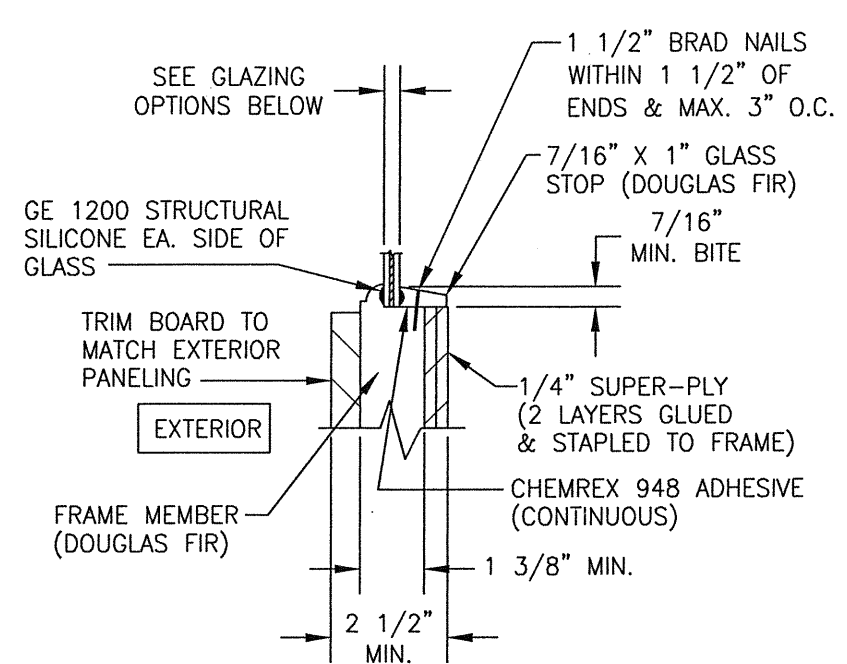
SEE GLAZING DETAIL



DETAIL 4



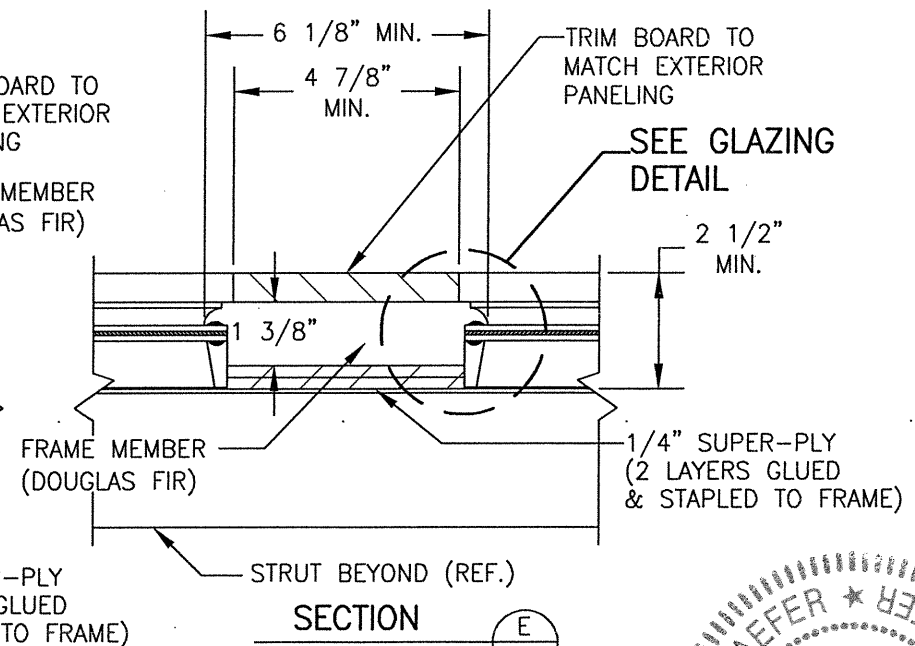
SECTION D
SCALE: 1/4 FULL



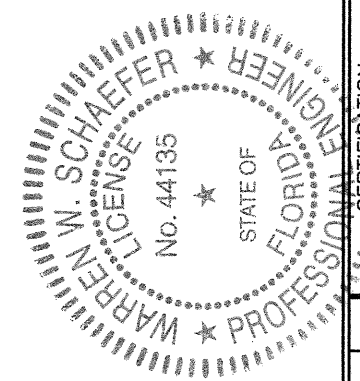
GLAZING DETAIL

GLAZING OPTIONS:

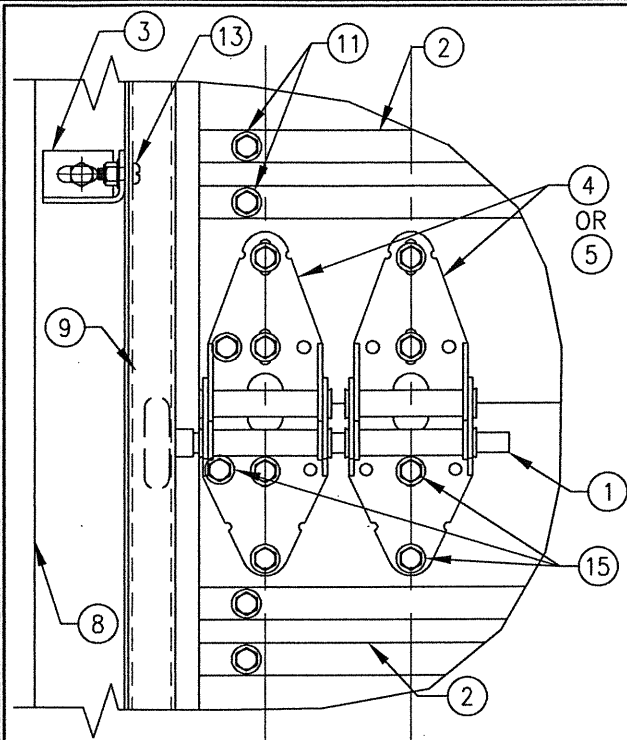
- OPTION 1: 3/8" LAMINATED GLASS (1/8" AN/0.09 EASTMAN CHEM. CO. SAFLEX/1/8" AN)
 OPTION 2: 3/8" LAMINATED GLASS (1/8" AN/0.09 KURARAY (PREVIOUSLY DUPONT) BUTACITE PVB/1/8" AN)



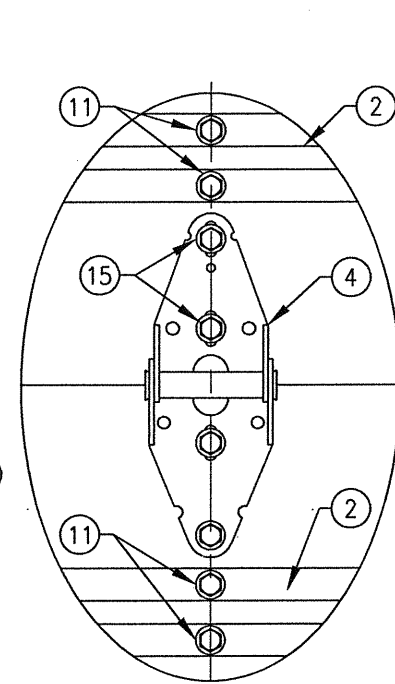
SECTION E
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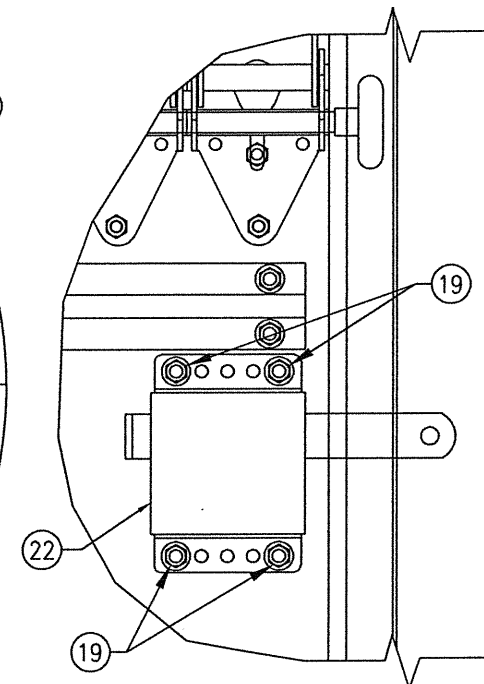
DRAWING TITLE 10'-6" WIDE GLAZED HURRICANE IMPACT WOOD GARAGE DOORS		DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		DATE: 07/24/02	
MANUFACTURER DESIGNER PRODUCTS, LLC dba CAMBEK DESIGNER DOORS			
7460 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
DEC 07 2021			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1140	REV. G		
SHEET NO. 3	OF 5		



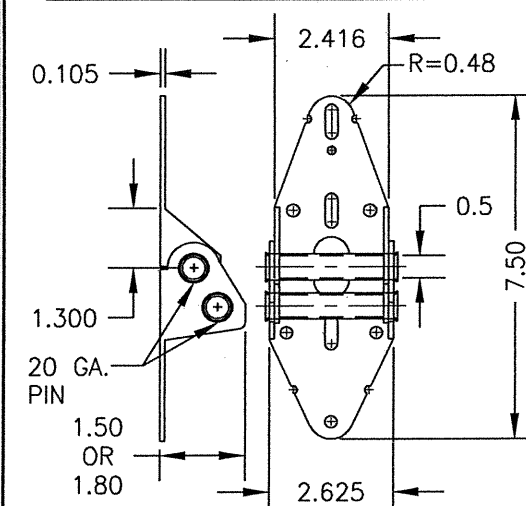
EDGE HINGE DETAIL



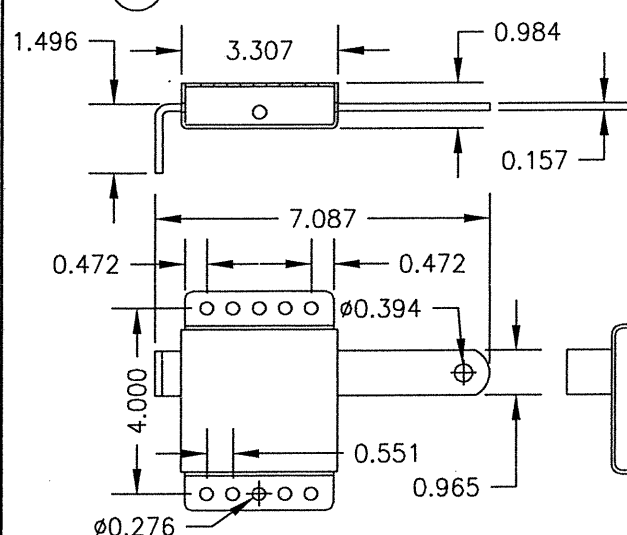
MIDDLE HINGE DETAIL



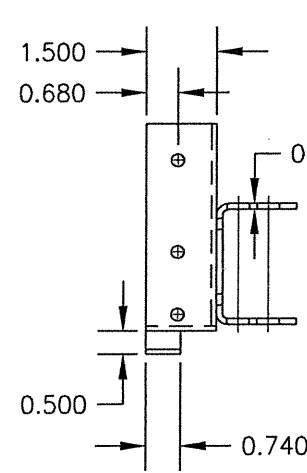
SLIDE LOCK DETAIL
(MAY BE LOCATED AT
EITHER SIDE OF DOOR)



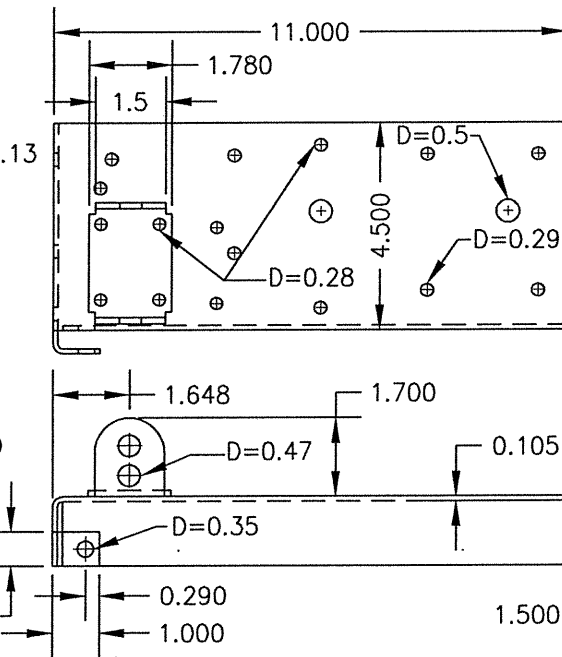
DOUBLE PIN HINGE



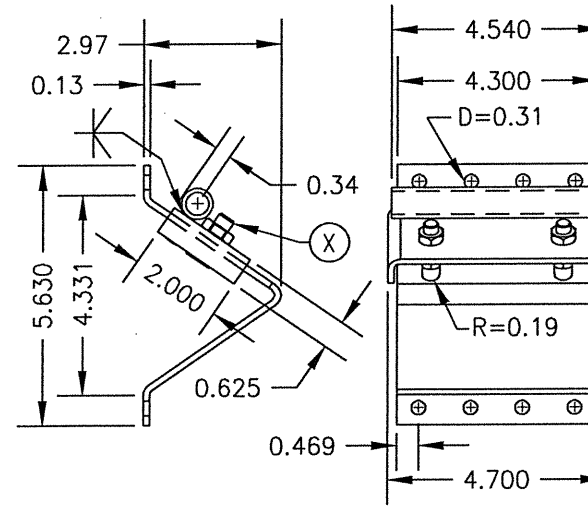
SLIDE LOCK



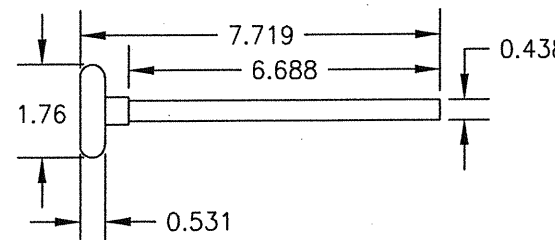
BOTTOM CABLE BRACKET



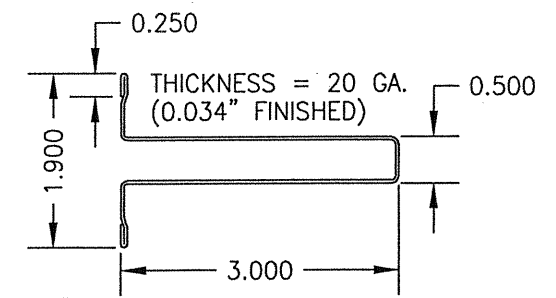
ADJUSTABLE TOP BRACKET



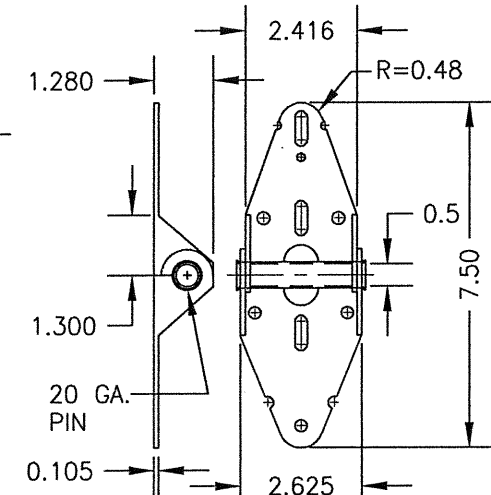
HURRICANE BRACKET



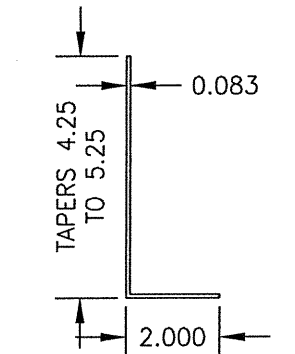
NYLON ROLLER WITH
AISI STEEL ROD



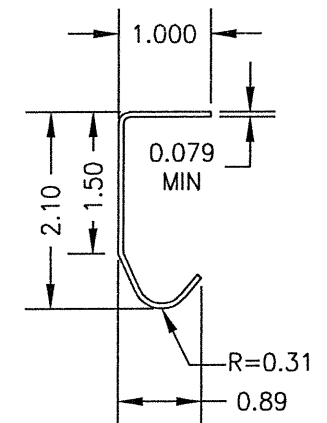
3" REINFORCING STRUT



SINGLE PIN HINGE

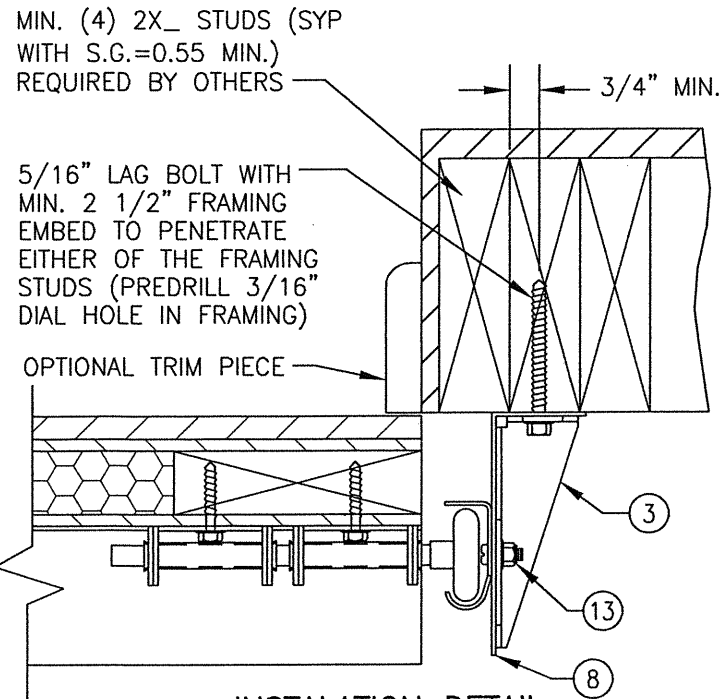


TRACK ANGLE

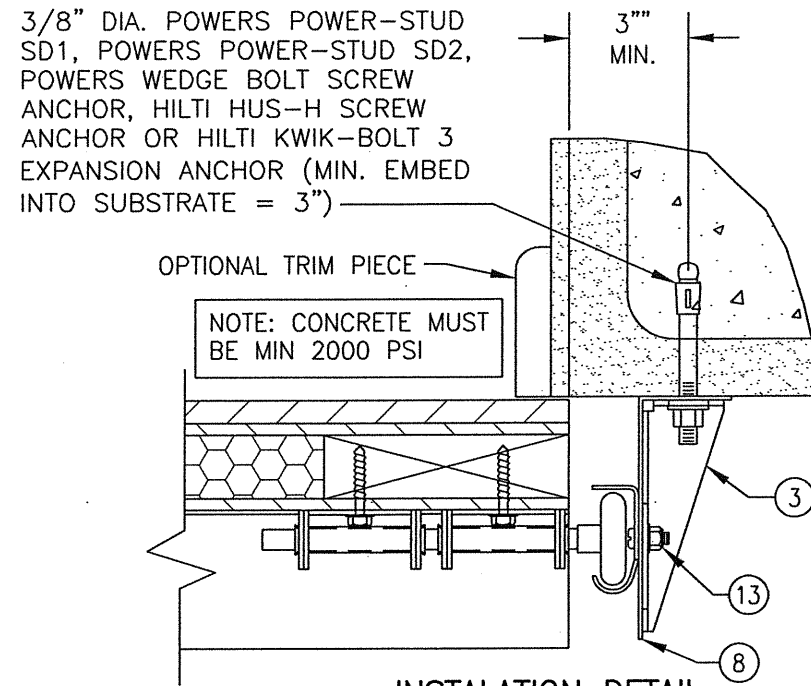


TRACK

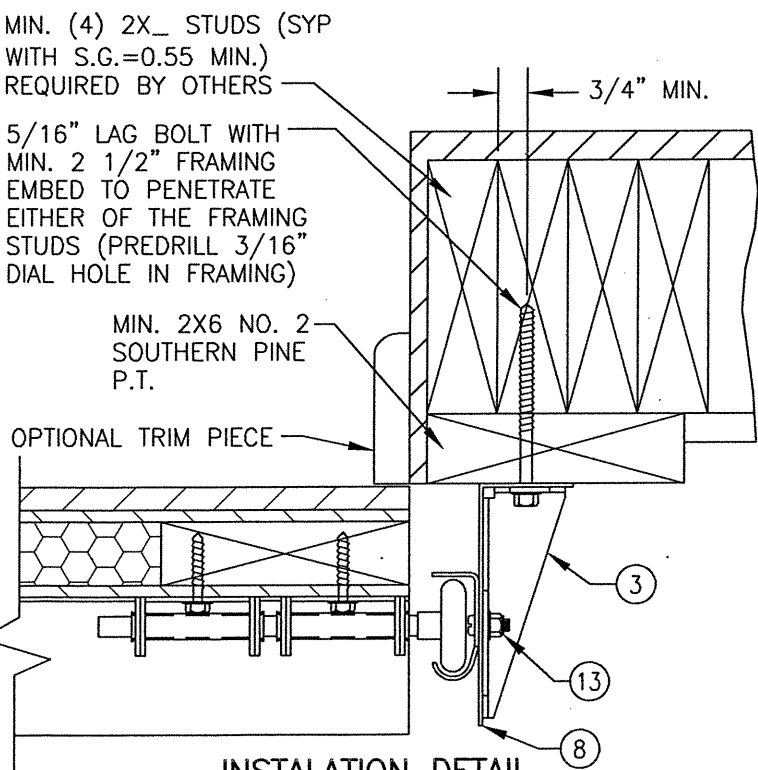
DRAWING TITLE		10'-6" WIDE GLAZED HURRICANE IMPACT WOOD GARAGE DOORS		DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
CONSULTANTS		W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		PLOT: 1=4		DATE: 07/24/02	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER		DESIGNER PRODUCTS, LLC dba CAMBEK DESIGNER DOORS 702 TROY ST. RIVER FALLS, WI 54022 800-241-0525			
CERTIFICATION		DEC 07 2021		NO.		DATE	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135				REVISION DESCRIPTION		BY	
DRAWING NO.		1140		REV.		G	
SHEET NO.		4		OF		5	



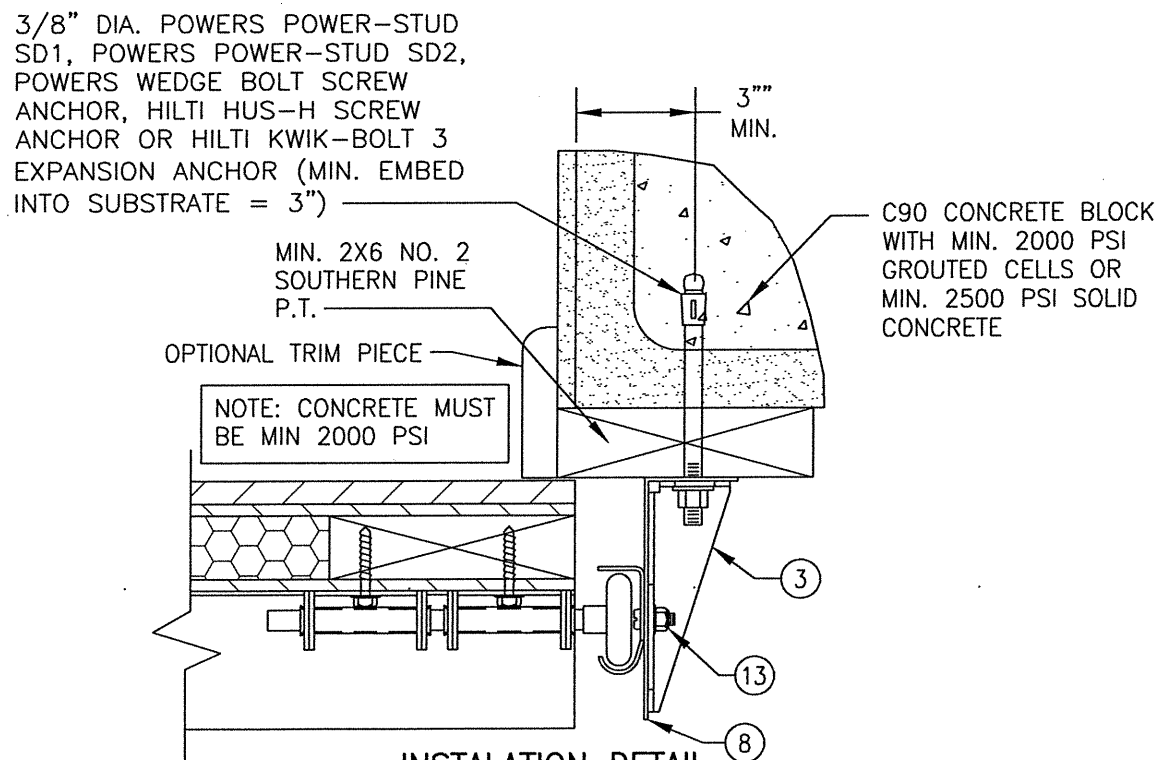
**INSTALLATION DETAIL
DIRECT TO WOOD FRAMING**



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



**INSTALLATION DETAIL
SHIMMED TO WOOD FRAMING**

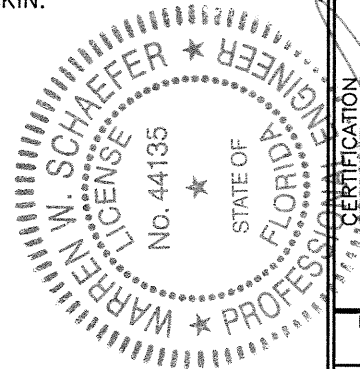


**INSTALLATION DETAIL
SHIMMED TO FILLED BLOCK
OR SOLID CONCRETE**

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS & HARDWARE			
1	1030-0269	ROLLER	NYLON W/AISI 1045 STL. ROD
2	1030-0213	3" REINFORCING STRUT (2 PER PANEL)	GALV. 80 KSI STEEL
3	1030-0267 1030-0268	HURRICANE BRACKET	GALV. 36 KSI STEEL
4	1030-0123	SINGLE ROLLER HINGE	GALV. 36 KSI STEEL
5	1030-0124 1030-0125	DOUBLE ROLLER HINGE	GALV. 36 KSI STEEL
6	1030-0084	BOTTOM CABLE BRACKET	GALV. 36 KSI STEEL
7	1030-0237	ADJUSTABLE TOP BRACKET	GALV. 36 KSI STEEL
8	1030-0065	TRACK ANGLE (TAPERED)	GALV. 33 KSI STEEL
9	1030-0227	VERTICAL TRACK (HORIZ. TRACK SIMILAR)	GALV. 33 KSI STEEL
10	1030-0063	HORIZONTAL REINFORCEMENT ANGLE	GALV. 33 KSI STEEL
MISCELLANEOUS FASTENERS			
11	-	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	ALIGNED WITH HINGES CENTERLINES PER ELEVATION
12	-	3/8-16 BOLT	2 AT EACH TOP BRACKET
13	-	1/4-20 X 5/8 RIB NECK TRACK BOLT	1 PER HURRICANE BRACKET TO TRACK
14	-	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	8 PER TOP BRACKET
15	-	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	4 PER HINGE (6 PER EDGE HINGE)
16	-	TRACK ANCHOR AT TOP & BOTTOM OF TRACK ANGLE	PER INSTALLATION DETAIL W/O BRACKET
17	-	1/4-20 X 5/8 RIB NECK TRACK BOLT	4 AT TRACK SEAM (TRACK TO ANGLE)
18	-	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	10 PER BOTTOM CABLE BRACKET
19	-	1/4 X 1 1/2 HEX WASHER HEAD LAG SCREW	4 PER SLIDE LOCK
LOCKING HARDWARE			
22	1030-0199	SLIDE LOCK	STEEL 1018 ZINC PLATED

PANEL NOTES:

- HORIZONTAL & VERTICAL FRAME MEMBERS ARE EDGE COPED, BUTTED TOGETHER & GLUED WITH "GORILLA 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.
- SUPER-PLY PLYWOOD IS STAPLED TO THE FRAME WITH 18 GA. X 5/8" X 1/4" STAPLES AND GLUED WITH CHEMREX 948 URETHANE ADHESIVE.
- THE EXTERIOR PANEL/STRIPS ARE ATTACHED TO THE SUPER-PLY 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.



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=4	DATE: 07/24/02
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE 10'-6" WIDE GLAZED HURRICANE IMPACT WOOD GARAGE DOORS	
MANUFACTURER DESIGNER PRODUCTS, LLC dba CAMBEK DESIGNER DOORS	702 TROY ST. RIVER FALLS, WI 54022 800-241-0525
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424
DEC 07 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1140	REV. G
SHEET NO. 5 OF 5	