

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.

FRAME SCREW MOUNT NOTES:

1. POSITION OF FRAME/SILL SCREW MAY BE AT ANY TRACK RUN LOCATION ALONG THE FRAME/SILL MEMBER.
2. SUBSTRATE POSITION MAY VARY DEPENDING ON POSITION OF FRAME SCREW.
3. SUBSTRATE DEPTH MAY BE REQUIRED TO BE INCREASED OVER THAT SPECIFIED IN THE SECTIONS IF NEEDED TO PROPERLY STABILIZE THE DOOR FRAME & SEAL THE OPENING.
4. WITH DEEP FRAMES, INSTALLER MAY OPTION TO ADD A ROW OF FRAME SCREWS IF DEEMED NECESSARY TO STABILIZE THE FRAME MEMBER & RESIST POTENTIAL CUPPING OF THAT MEMBER.

FRAME ANCHOR REQUIREMENTS TABLE

(1) OPENING TYPE (SUBSTRATE)	FRAME/SILL/CLIP/BACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME/SILL SCREWS			
MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS/WOOD SCREW OR 1/4" BTI SCREW	1 1/4"	1"
MIN. 18 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILLING SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILLING SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILLING SCREW	FULL	1/2"
C-90 CMU	(2) 1/4" CONCRETE SCREW	1 1/4"	2 1/2"
2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 3/4"	2 1/2"
POCKET PANEL SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS/WOOD SCREW	1 1/2"	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILLING SCREW	FULL	1/2"
INSTALLATION CLIP SCREWS			
MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 3/8"	1"
MIN. 18 GA. 33 KSI METAL STUD	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C-90 CMU	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 3/4"	2"
ANGLE CLIP SCREWS			
MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C-90 CMU	(2) 3/16" CONCRETE SCREW	1 1/4"	2"
2500 PSI CONCRETE	(2) 3/16" CONCRETE SCREW	1 1/2"	2"

- (1) SUBSTRATE DEPTH SHALL BE MINIMUM AS SHOWN IN THE DRAWING SECTIONS.
(2) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.) OR HILTI KWIK-CON II (C.S OR S.S)..

GENERAL NOTES:

1. THIS PRODUCT HAS 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. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (VH2) & IS LARGE MISSILE IMPACT RATED.
5. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
6. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
7. 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 Kd = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.
8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
9. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. THESE DRAWINGS SHOW ALL APPLICABLE ELEVATION, COMBINATION, INSTALLATION & COMPARATIVE ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING RATIONAL ANALYSIS. PRODUCT ASSEMBLY SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
10. CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF IT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED WITHOUT A BUILDING LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.
11. ALL WOOD MEMBERS OF THIS PRODUCT 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 REQUIREMENTS.
12. DOOR POCKETS SHALL BE CONSTRUCTED BY TISCHLER AS DETAILED IN THESE DRAWINGS. BECAUSE THE POCKETS ARE NOT IMPACT NOR WIND PRESSURE RATED, THEY SHALL BE COVERED BY AN IMPACT RESISTANT WALL STRUCTURE DESIGNED BY OTHERS.

CORNER CONSTRUCTION:

FRAME CORNERS: SQUARE CUT, BUTTED, JOINED WITH THREE(3) 5/16" x 3 15/16" LONG SOCKET MACHINE SCREWS WITH A CRESCENT NUT & GLUED WITH PONAAL SUPER 3 WOOD GLUE OR EQUIVALENT.
TOP PANEL CORNERS: SQUARE CUT, BUTTED, JOINED WITH FIVE(5) 5/16 x 2" WOOD DOWELS, & GLUED WITH PONAAL SUPER 3 WOOD GLUE OR EQUIVALENT.
BOTTOM PANEL CORNERS: SQUARE CUT, BUTTED, JOINED WITH SEVEN(7) 5/16 x 2" WOOD DOWELS, & GLUED WITH PONAAL SUPER 3 WOOD GLUE OR EQUIVALENT.

LOCKING BOLT QUANTITY REQUIREMENTS		
(1) PANEL HEIGHT	QUANTITY PER PANEL	
OVER 114 1/8"	5	
114 1/8" & LESS	4	
(1) PANEL HEIGHT IS FRAME HEIGHT MINUS 5 7/8".		

INTERLOCK PLATE QUANTITY REQUIREMENTS	
3 PER PANEL	

POCKET INTERLOCK PLATE QUANTITY REQUIREMENTS		
(1) PANEL HEIGHT	QUANTITY PER PANEL	
OVER 107 3/8"	4	
107 3/8" & LESS	3	
(1) PANEL HEIGHT IS FRAME HEIGHT MINUS 5 7/8".		

DETAILED ELEVATIONS SHOWN ON SHEETS 2 THROUGH 11 ARE ONLY THOSE NECESSARY TO SHOW ALL APPLICABLE DOOR SECTIONS & ANCHOR CONDITIONS. FOR ALL ELEVATION CONFIGURATIONS APPLICABLE TO THIS APPROVAL, SEE SHEET 12.

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 LOOK APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

ALLOWABLE DESIGN PRESSURE

(1) (2) MAX. PANEL HEIGHT (IN.)	(3) MAX. PANEL WIDTH (IN.)	MAX. VERTICAL D.L.O. (IN.)	MAX. HORIZONTAL D.L.O. (IN.)	ALLOWABLE PRESSURE (+/- PSF)
134 1/8	64 1/16	123 3/4	55 9/16	70
123 5/8	69 1/2	113 1/4	61	70
114 1/8	74 15/16	103 3/4	66 7/16	70

- (1) PANEL WIDTH IS CONSIDERED AS THE DISTANCE BETWEEN EACH STILE PERIMETER & DOES NOT INCLUDE ANY ATTACHED POCKET FILLER OR BUMPER PARTS.

- (2) WITH SINGLE PANEL DEEP DOORS (PX & PXXP), PANEL WIDTH STATED IN THIS TABLE SHALL BE INCREASED 1".

- (3) PANEL HEIGHT IS FRAME HEIGHT MINUS 5 7/8".



Digitally signed
by Warren W
Schaefer

Date:

2023.06.19

12:00:52 -04'00'

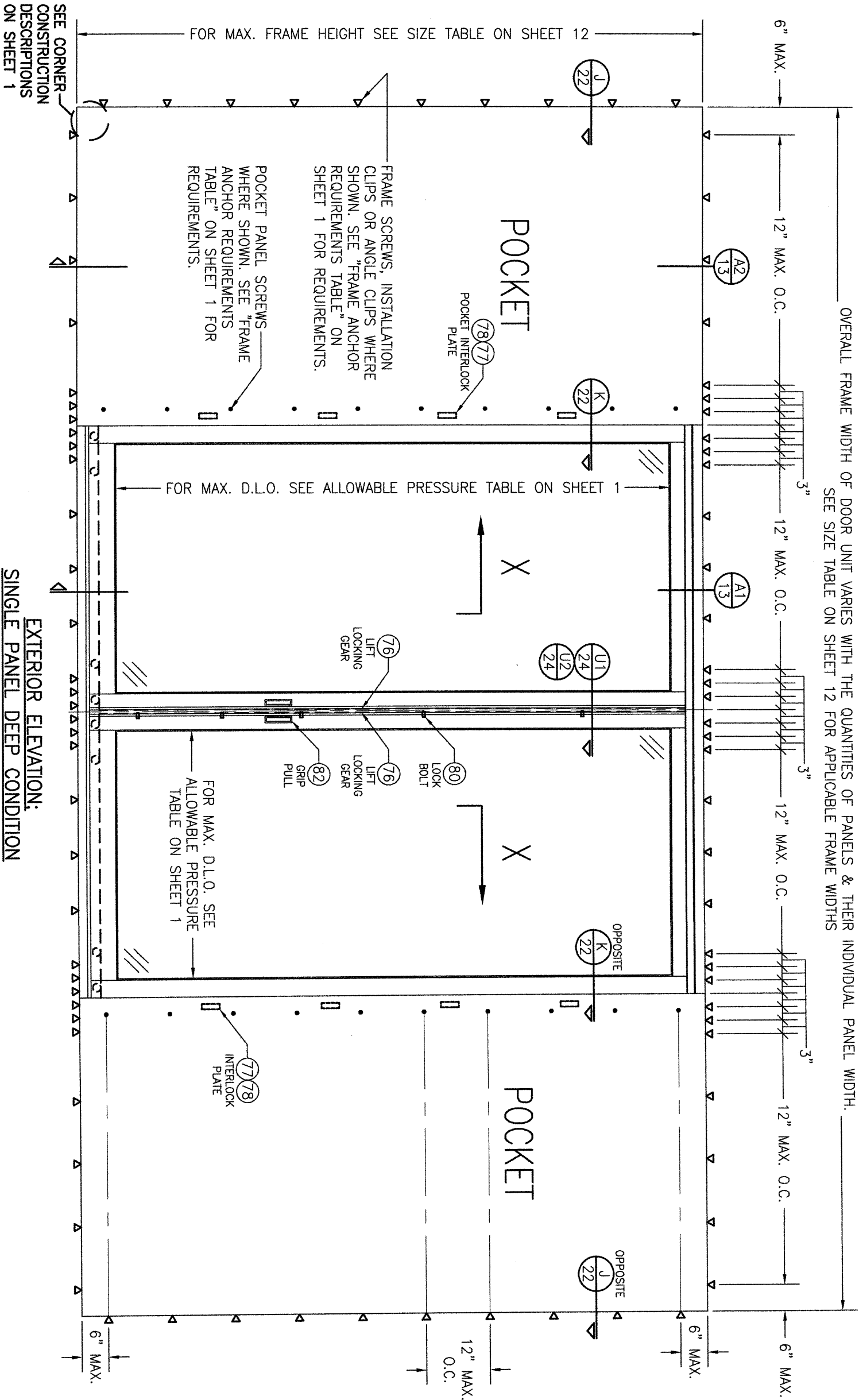
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PLOT: 1-24		DATE: 03/29/12	
A1	UPDATE TO CURRENT STANDARDS	W.W.S.	12/08/16
B1	CHANGE TO FLORIDA APPROVAL	W.W.S.	12/06/21
C1	UPDATE WOOD PROPERTIES	W.W.S.	06/19/23

TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

DRAWING TITLE WOOD IMPACT LIFT & SLIDE DOOR	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	MANUFACTURER

WARREN W. SCHAEFER, P.E.
NO. 44135

CERTIFICATION	
DRAWING NO. 1755	REV. C
SHEET NO. 1	OF 32



EXTERIOR ELEVATION:
SINGLE PANEL DEEP CONDITION
SCALE: 1/2" = 1'-0"

NO.	REVISION	DESCRIPTION	BY	DATE

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

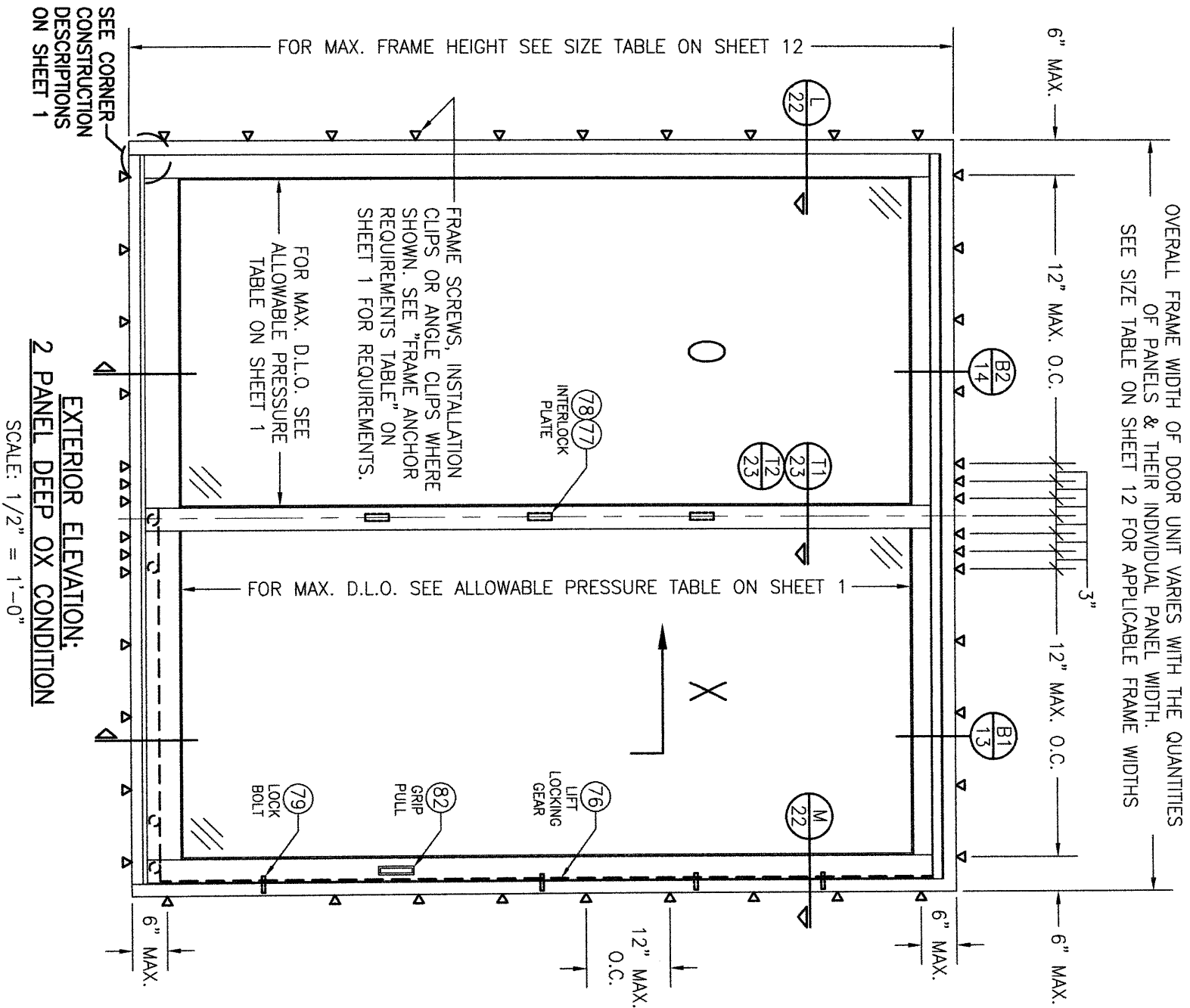
DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1755
REV. C
SHEET NO. 2 OF 32



NO.	REVISION	DESCRIPTION	BY	DATE

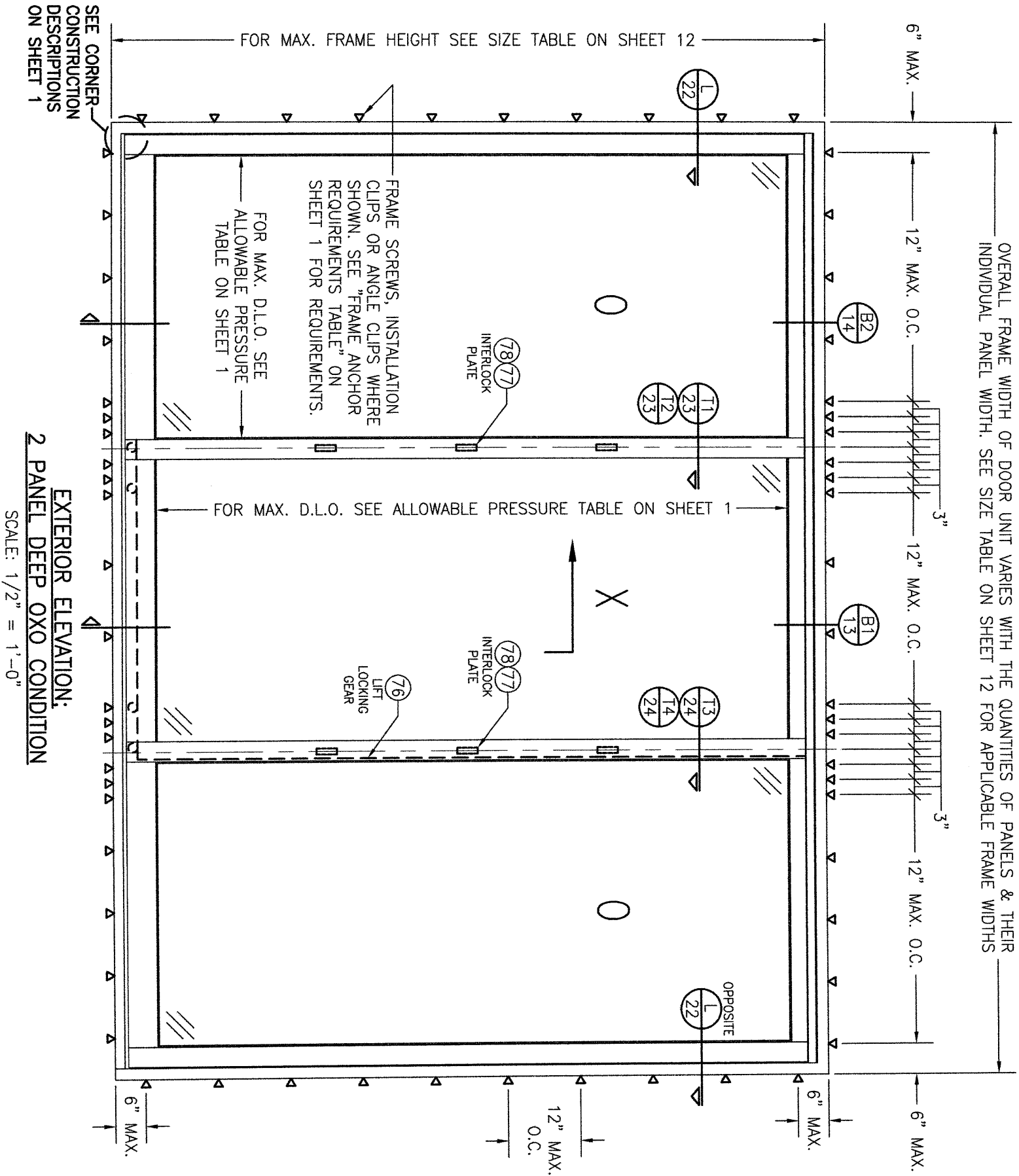
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WOOD IMPACT LIFT & SLIDE DOOR

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

CERTIFICATION

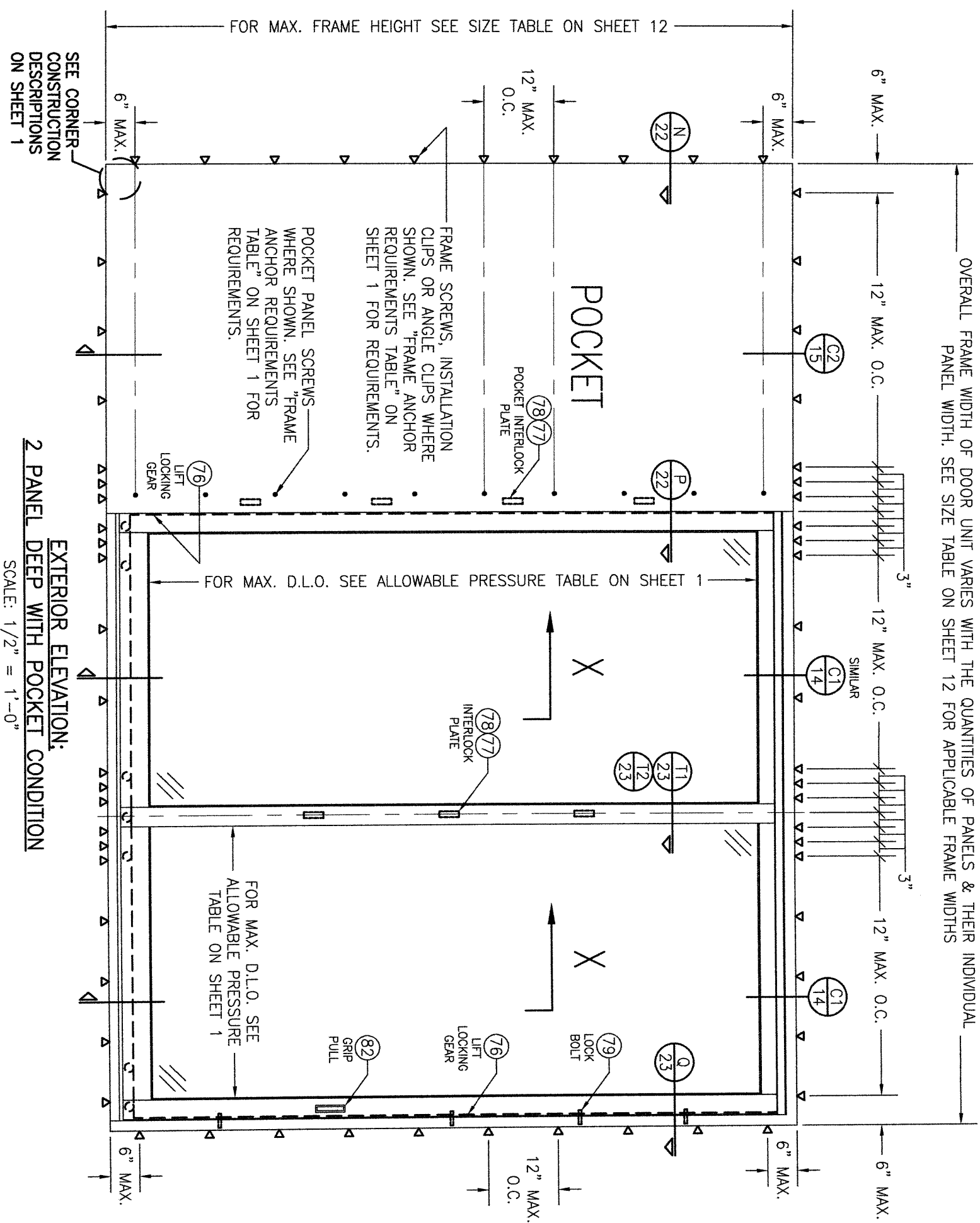
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135



DRAWN BY:		CHECKED BY:		
W.M.M.		W.M.S.		
PLOT:		DATE:		
1=24		03/29/12		
NO.	REVISION	DESCRIPTION	BY	DATE

DRAWING TITLE	
WOOD IMPACT LIFT & SLIDE DOOR	
CONSULTANTS	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
MANUFACTURER	
TISCHLER UND SOHN (USA) LTD. SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600	

CERTIFICATION	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. REV.	
1755 C	
SHEET NO.	
4 OF 32	



EXTERIOR ELEVATION:
2 PANEL DEEP WITH POCKET CONDITION
SCALE: 1/2" = 1'-0"

[illegible]

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PLOT: 1=24	DATE: 03/29/12

DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

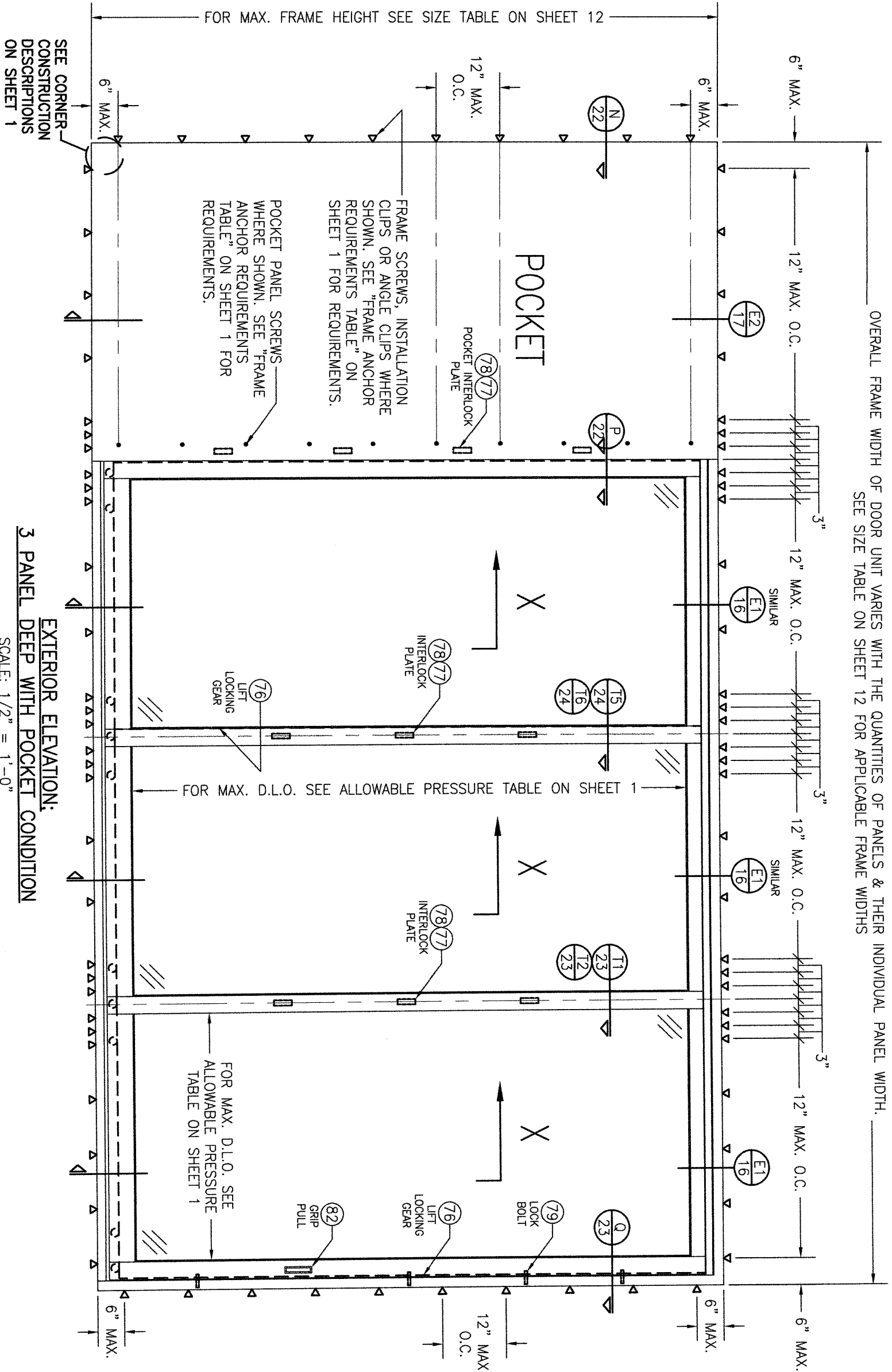
CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

CERTIFICATION

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO.	REV.
1755	C
SHEET NO.	
6 OF 32	



SEE CORNER
CONSTRUCTION
DESCRIPTIONS
ON SHEET 1

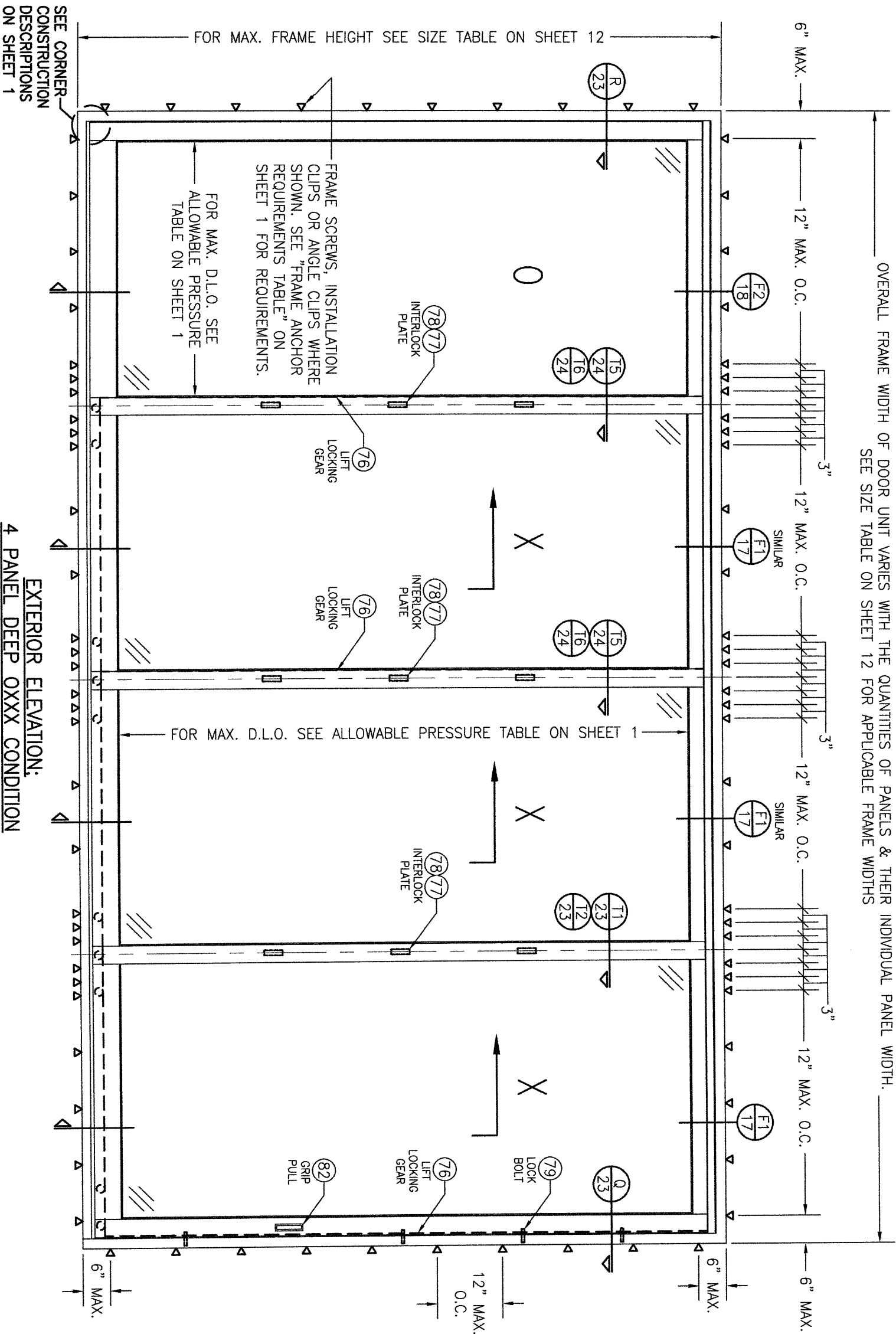
POCKET
POCKET INTERLOCK
PLATE
FRAME SCREWS, INSTALLATION
CLIPS OR ANGLE CLIPS WHERE
SHOWN. SEE "FRAME ANCHOR
REQUIREMENTS TABLE" ON
SHEET 1 FOR REQUIREMENTS.

EXTERIOR ELEVATION:
3 PANEL DEEP WITH POCKET CONDITION
SCALE: 1/2" = 1'-0"

FOR MAX. D.L.O. SEE ALLOWABLE PRESSURE TABLE ON SHEET 1

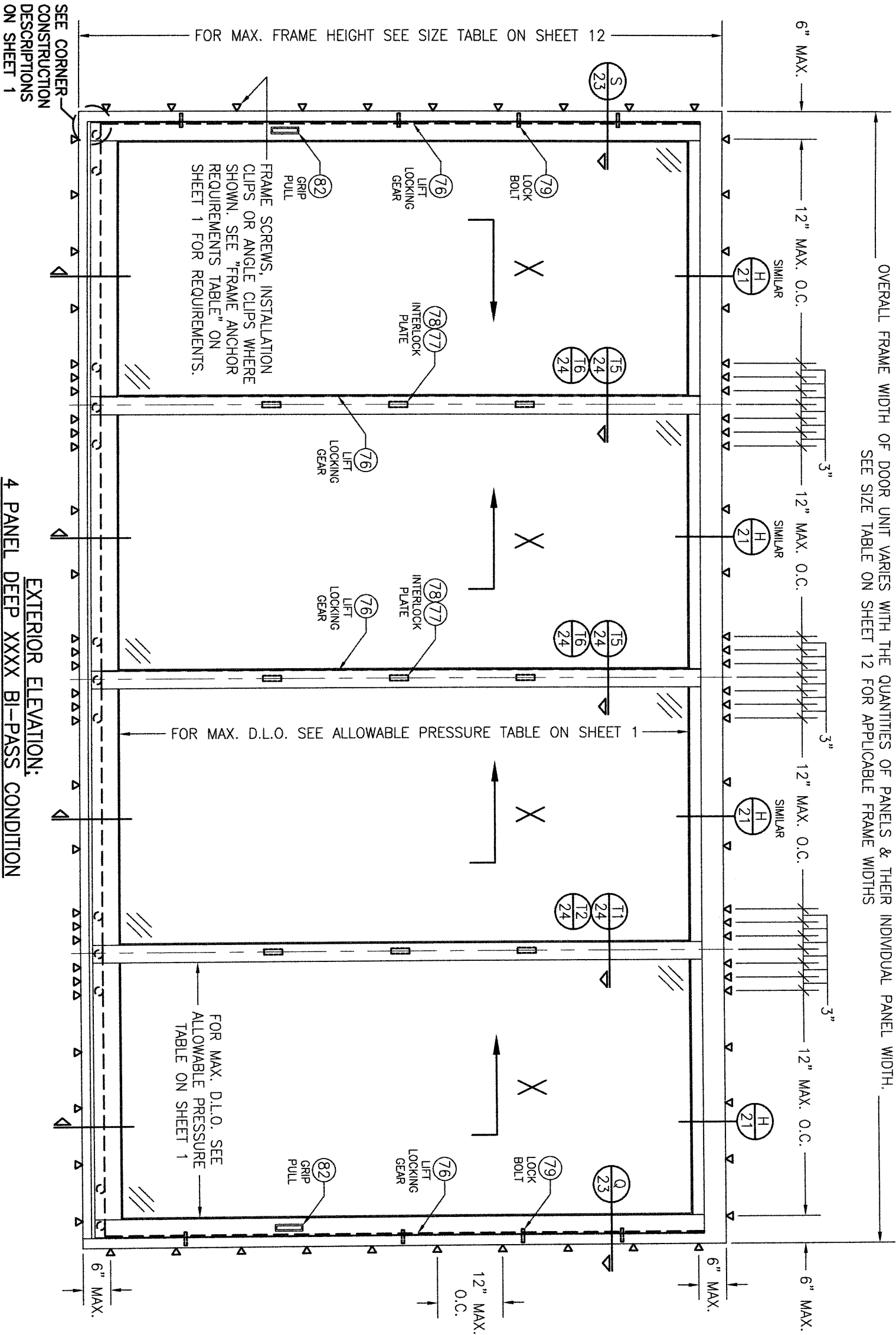
FOR MAX. D.L.O. SEE
ALLOWABLE PRESSURE
TABLE ON SHEET 1

DRAWING BY: W.R.M.		CHECKED BY: W.W.S.		PLOT: 1-24		DATE: 03/29/12		DRAWING TITLE					
								WOOD IMPACT LIFT & SLIDE DOOR					
CONSULTANTS		MANUFACTURER		NO.		REVISION DESCRIPTION		BY		DATE			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		TISCHLER UND SOHN (USA) LTD. SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600											
CERTIFICATION													
WARREN W. SCHAEFER, P.E. P.E. NO. 44135													
DRAWING NO. 1755		REV. C											
SHEET NO. 8 OF 32													



EXTERIOR ELEVATION:
4 PANEL DEEP OXXX CONDITION
SCALE: 1/2" = 1'-0"

DRAWING BY: W.R.M.		CHECKED BY: W.M.S.		
PLOT: 1-24		DATE: 03/29/12		
NO.	REVISION	DESCRIPTION	BY	DATE
DRAWING TITLE WOOD IMPACT LIFT & SLIDE DOOR				
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER TISCHLER UND SOHN (USA) LTD. SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600		
CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135				
DRAWING NO. 1755 REV. C SHEET NO. 9 OF 32				



EXTERIOR ELEVATION:
4 PANEL DEEP XXXX BI-PASS CONDITION

SCALE: 1/2" = 1'-0"

NO.	REVISION	DESCRIPTION	BY	DATE

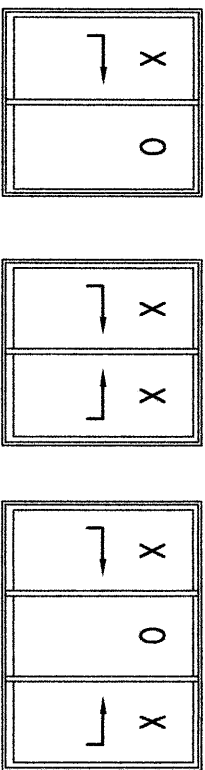
DRAWING TITLE WOOD IMPACT LIFT & SLIDE DOOR		MANUFACTURER TISCHLER UND SOHN (USA) LTD. SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		DRAWN BY: W.R.M. CHECKED BY: W.M.S. DATE: 03/29/12	

CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1755 REV. C	SHEET NO. 11 OF 32
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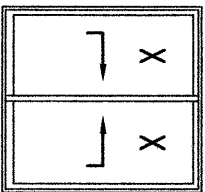
APPROVED CONFIGURATIONS

CONFIGURATIONS WITHOUT POCKETS

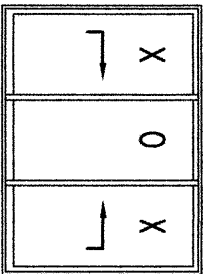
2-PANEL DEEP CONDITIONS



1 XO CONDITION

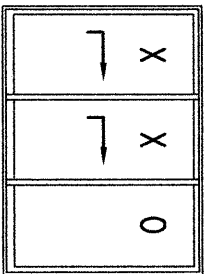


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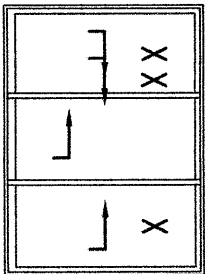


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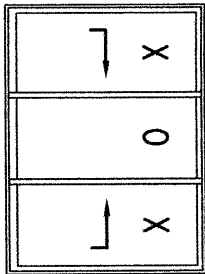
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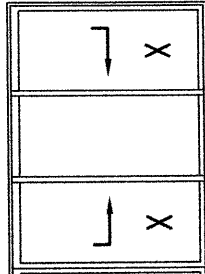
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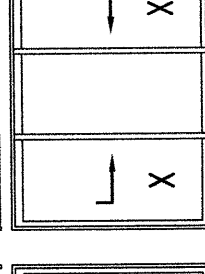
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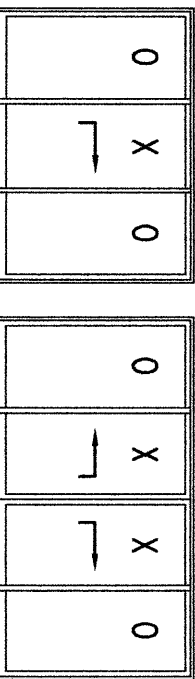
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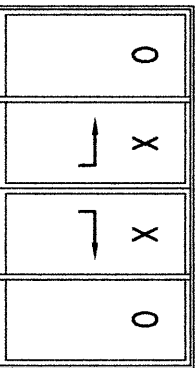
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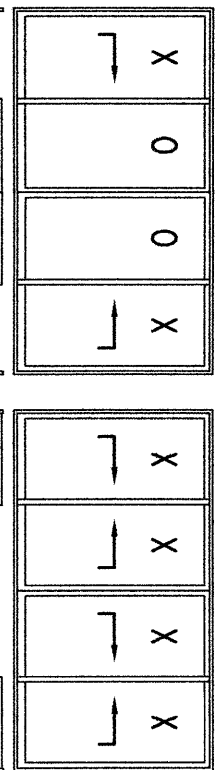
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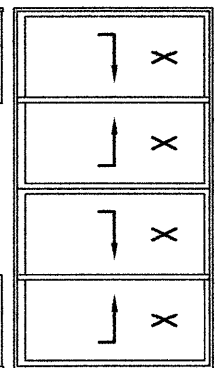
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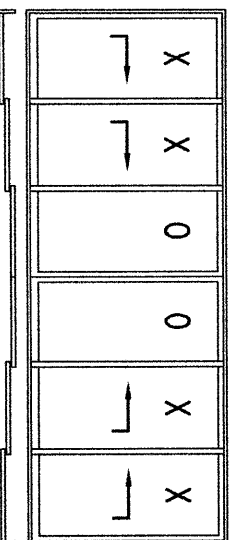
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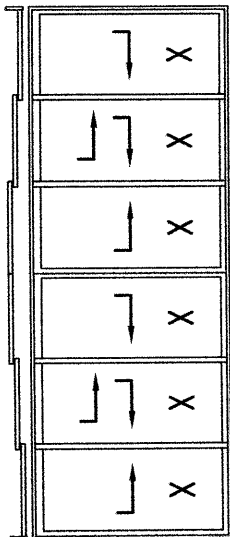
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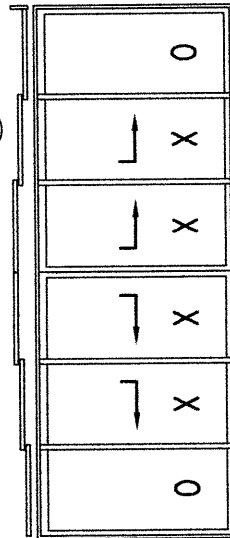
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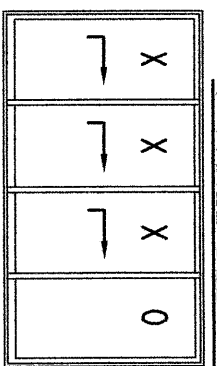
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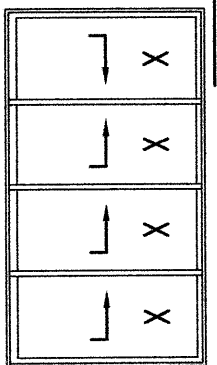
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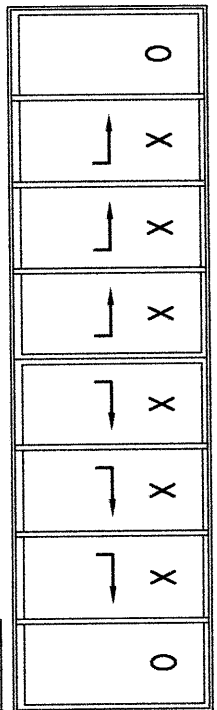
13 OXXXXO CONDITION



16 XXXO OR OXXX CONDITION



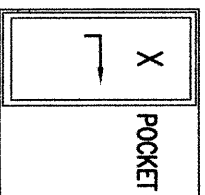
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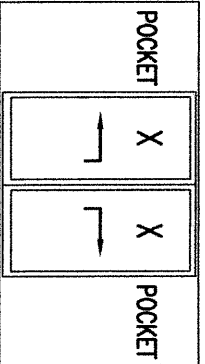
18 OXXXXXXO CONDITION

CONFIGURATIONS WITH POCKETS

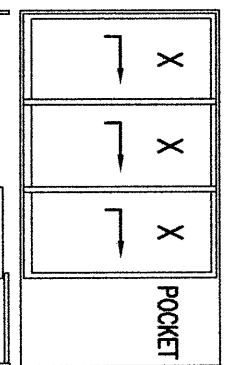
1-PANEL DEEP CONDITIONS



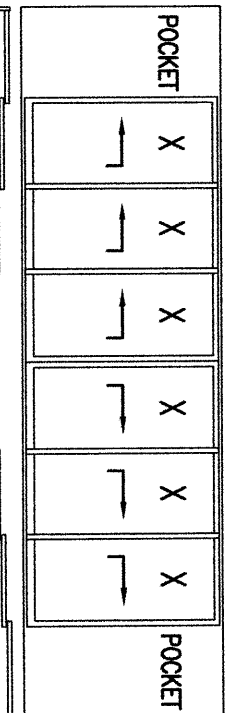
19 X CONDITION



20 XX CONDITION

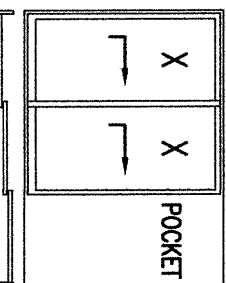


21 XXX CONDITION

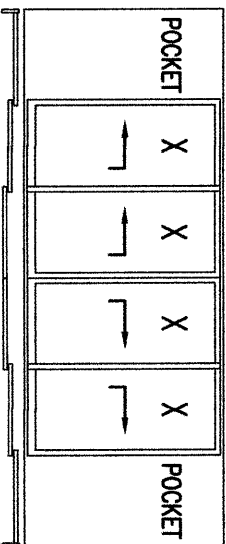


22 XXXXXX CONDITION

2-PANEL DEEP CONDITIONS

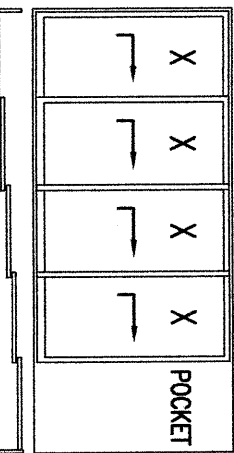


23 XX CONDITION



24 XXXX CONDITION

4-PANEL DEEP CONDITIONS



25 XXXX CONDITION

CONDITIONS SHOWN ARE THE MAJORITY OF THOSE USED. OTHER CONDITIONS OF "O" & "X" PANELS APPLY PROVIDING THEY ARE WITHIN THE SCOPE OF THE DETAILS WITHIN THIS DRAWING

ALLOWABLE DOOR SIZE

ELEVATION NUMBER	MAX. FRAME HEIGHT (IN.)	MAX. FRAME WIDTH (IN.)	ELEVATION NUMBER	MAX. FRAME HEIGHT (IN.)	MAX. FRAME WIDTH (IN.)
1 & 2	120	150 1/2	19	120	149
	129 1/2	139 5/8		129 1/2	143 1/2
	140	128 3/4		140	138
3, 4, 5, 6 & 9	120	221 3/16	20	120	293
	129 1/2	204 7/8		129 1/2	282
	140	188 1/2		140	271 1/4
	120	437 3/4		120	290 1/4
7, 11, 12 & 13	120	405	21	129 1/2	273 7/8
	129 1/2	372		140	257 1/2
	140	362 5/8		120	576
8	120	335 1/4	22	129 1/2	543
	140	308		140	510 1/2
10, 14 & 15	120	296 3/8	23	120	219 1/2
	129 1/2	274 9/16		129 1/2	208 5/8
	140	252 3/4		140	197 3/4
16 & 17	120	291 7/8	24	120	434 1/2
	129 1/2	270		129 1/2	412 13/16
	140	248 1/4		140	391
18	120	579 1/4	25	120	361
	129 1/2	535 5/8		129 1/2	339
	140	492		140	317 3/8

DRAWN BY:	CHECKED BY:
W.R.M.	W.W.S.
DATE:	DATE:
03/29/12	

NO.	REVISION	DESCRIPTION	BY	DATE
1	24			

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

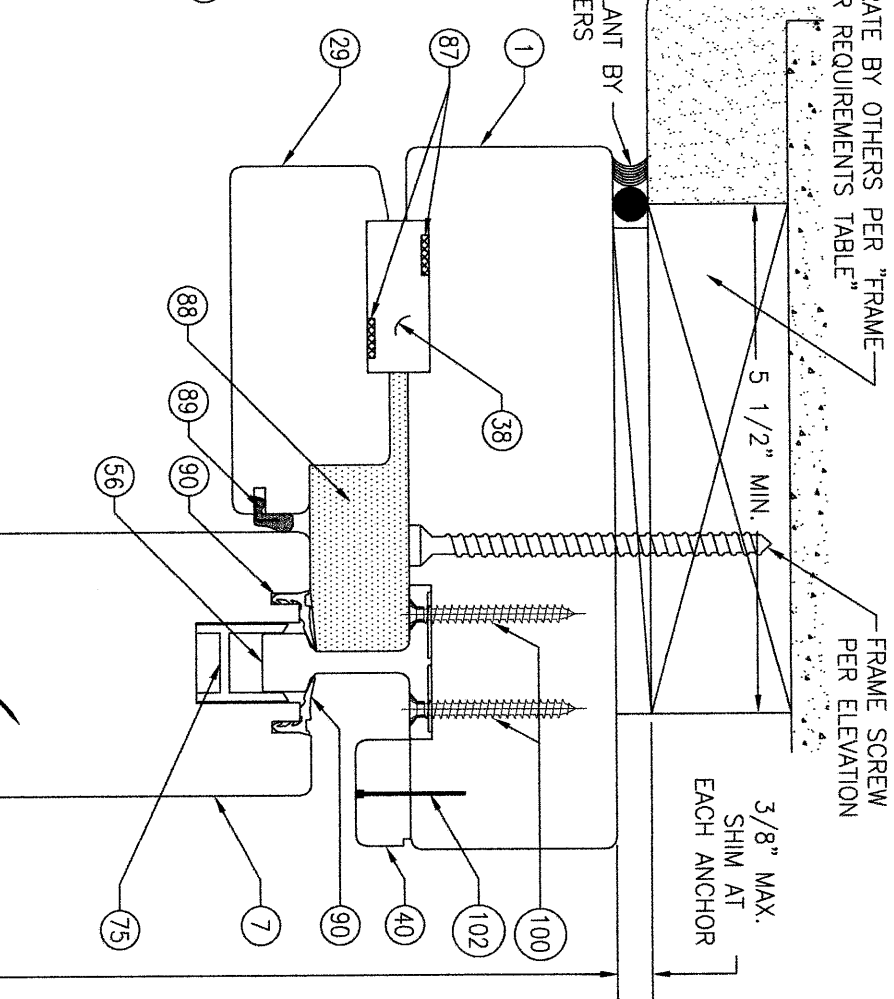
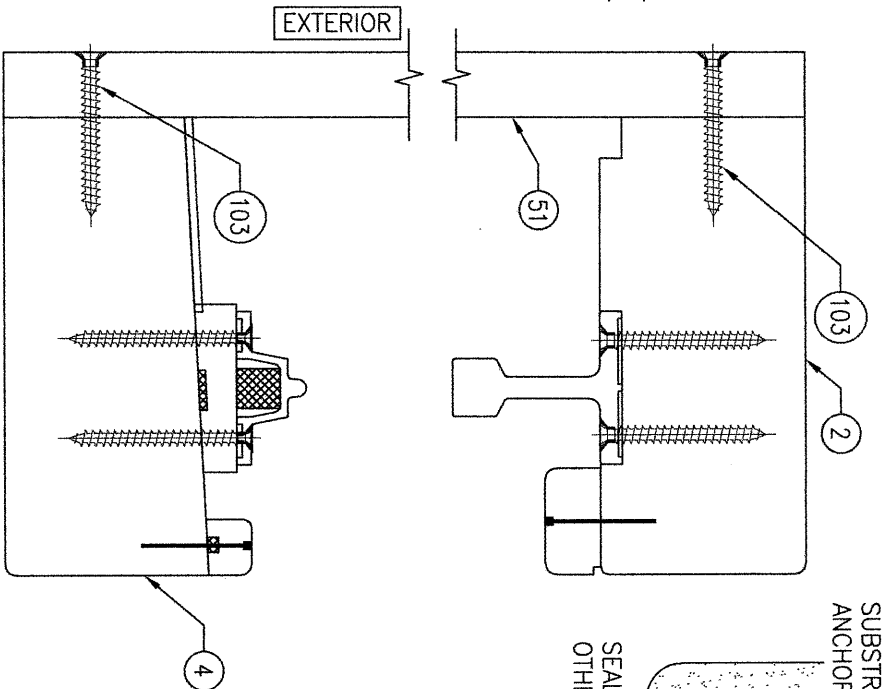
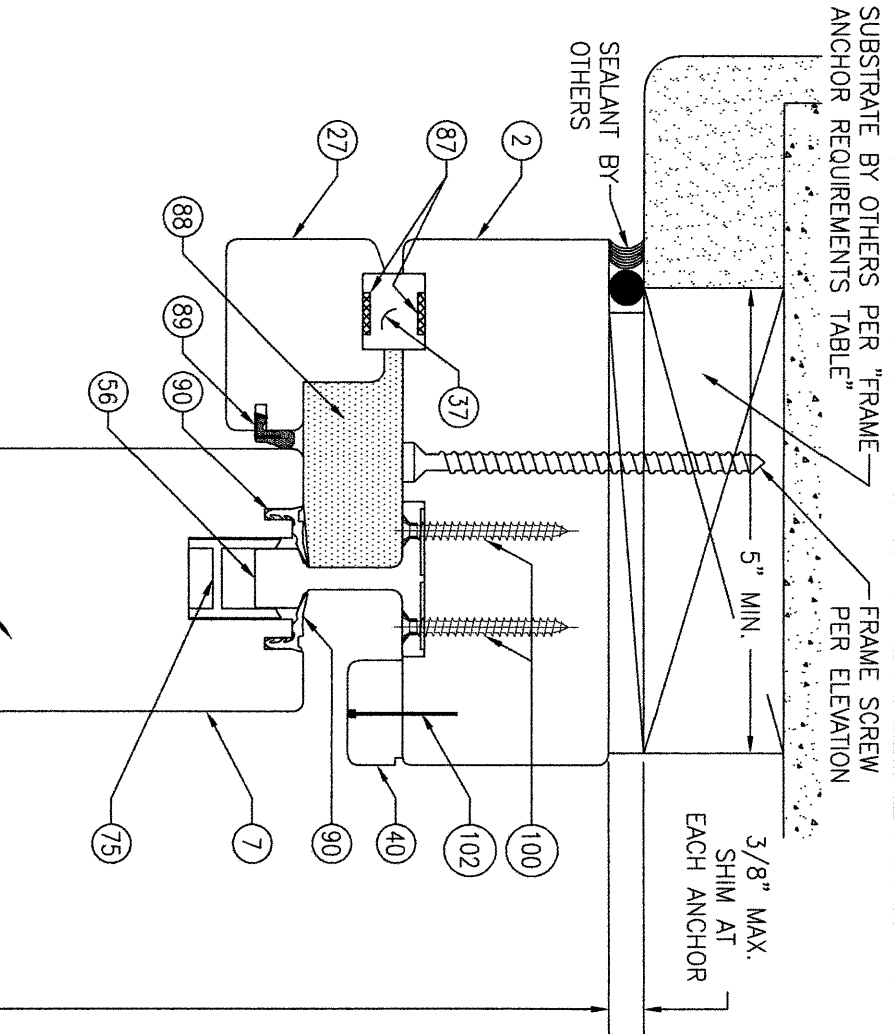
DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

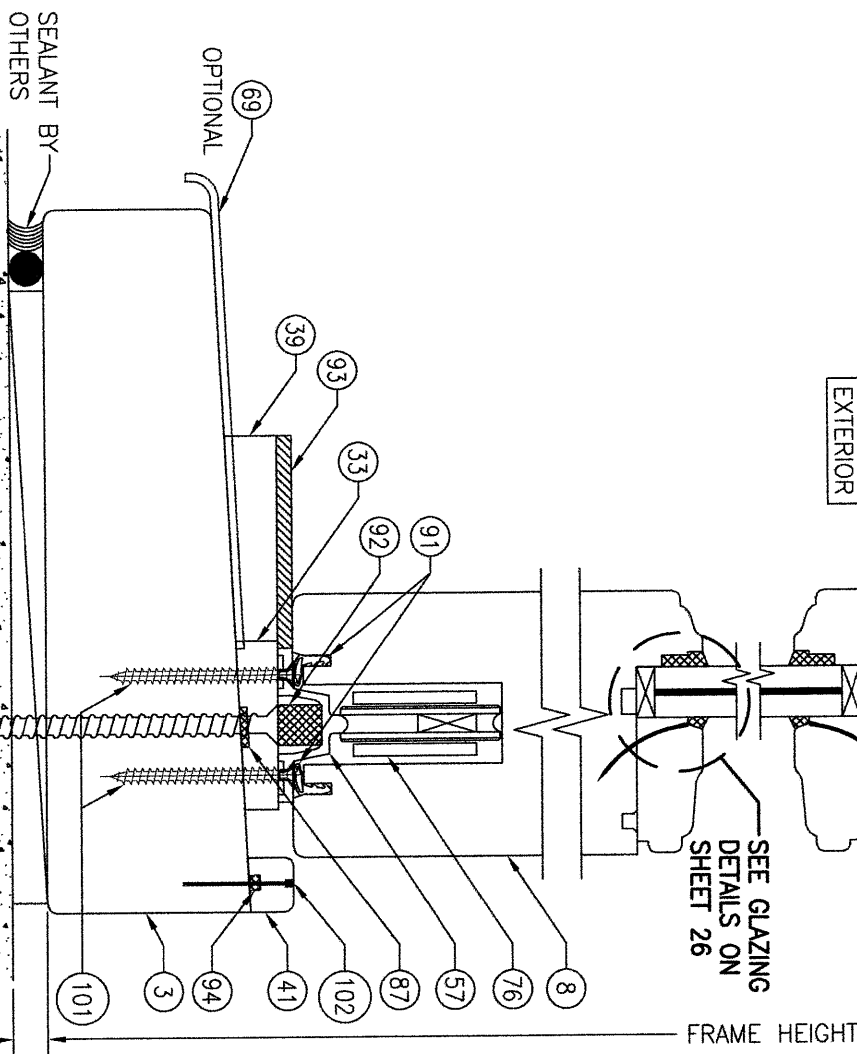
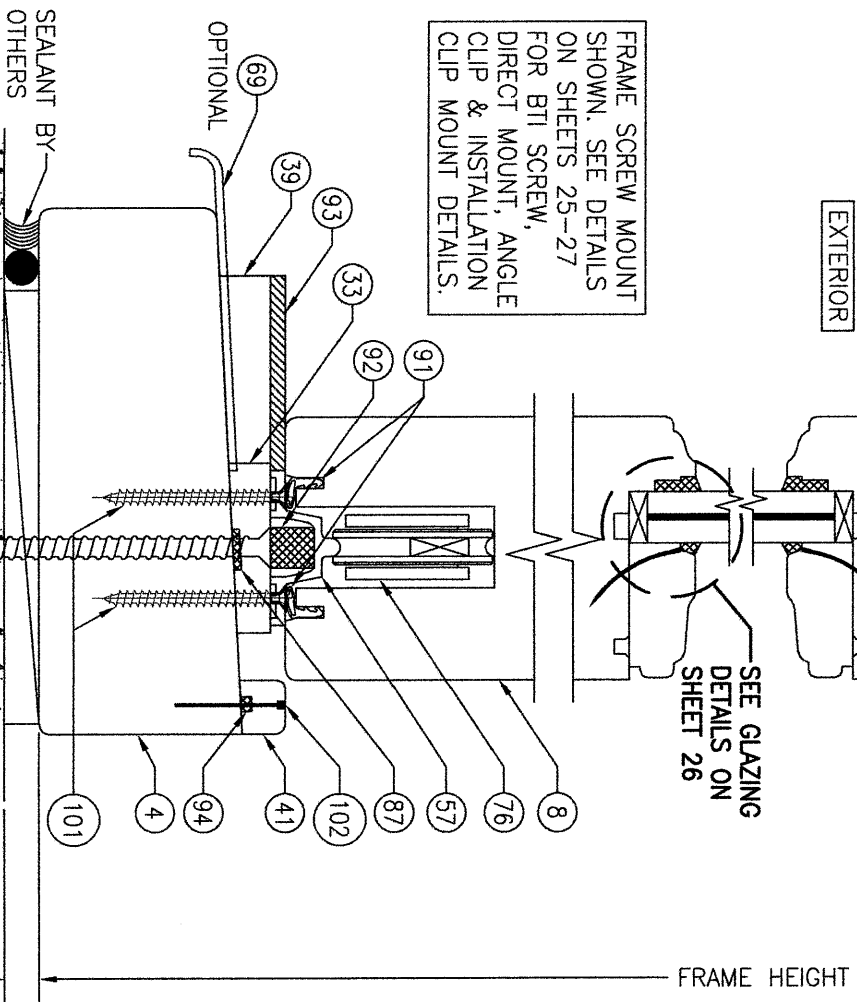
CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. **1755** REV. **C**

SHEET NO. **12** OF **32**



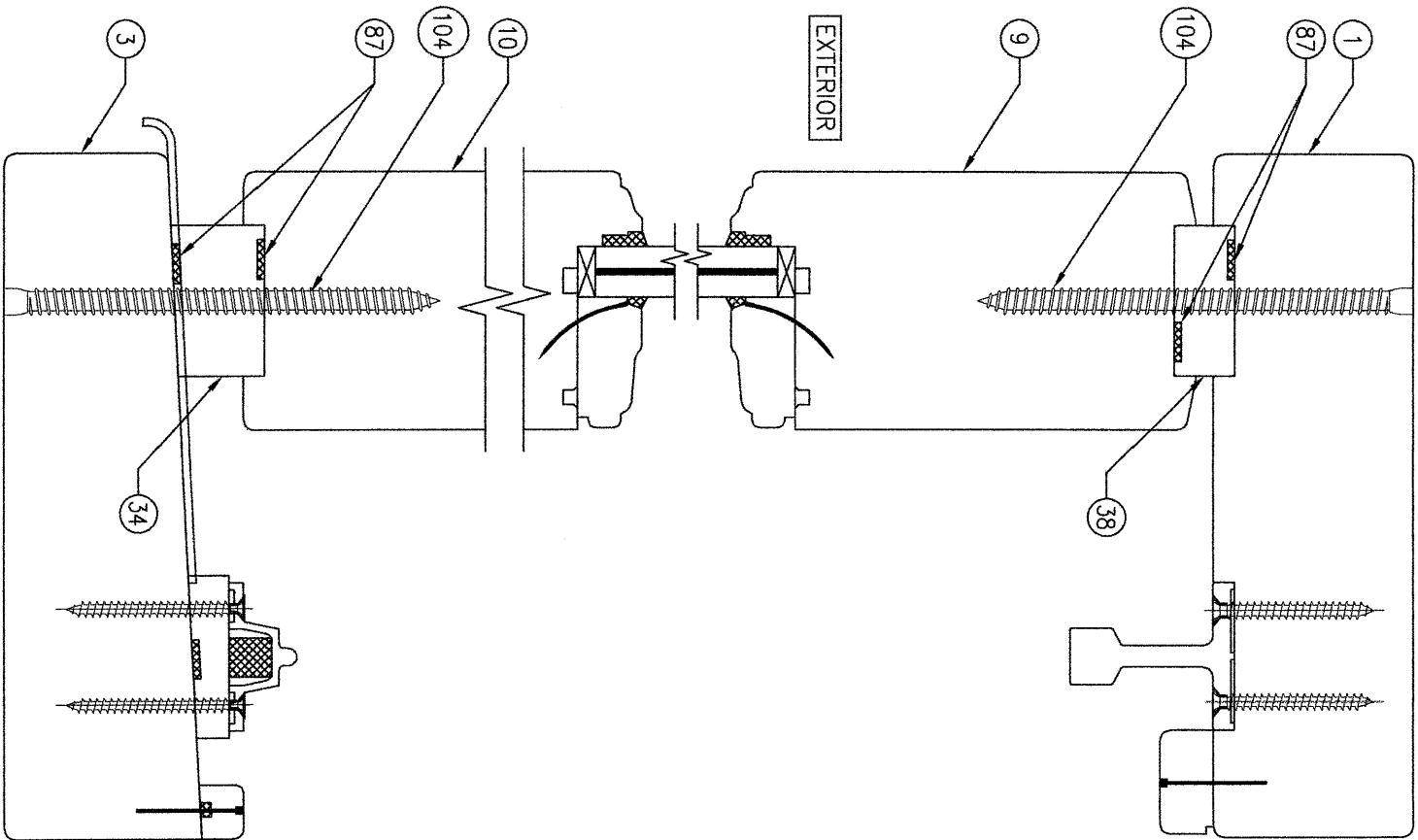
FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEETS 25-27 FOR BTI MOUNT, ANGLE CLIP & INSTALLATION CLIP MOUNT DETAILS.



NO.	REVISION	DESCRIPTION	BY	DATE

DRAWING TITLE WOOD IMPACT LIFT & SLIDE DOOR	MANUFACTURER TISCHLER UND SOHN (USA) LTD. SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	

CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1755 REV. C	SHEET NO. 13 OF 32
--	--	-------------------------------------



SECTION

SCALE: 1/2 FULL

B2
14

(FOR INSTALLATION & DETAIL NOT SHOWN,
SEE SECTION B1/13)

EXTERIOR

FRAME SCREW MOUNT
SHOWN. SEE DETAILS
ON SHEETS 25-27
FOR B11 SCREW,
DIRECT MOUNT, ANGLE
CLIP & INSTALLATION
CLIP MOUNT DETAILS.

SEALANT BY
OTHERS

OPTIONAL

SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

SECTION

SCALE: 1/2 FULL

C1
14

3/8" MAX.
SHIM OR GROUT
FRAME/SILL SCREW
PER ELEVATION

SEALANT BY
OTHERS

SUBSTRATE BY OTHERS PER "FRAME-
ANCHOR REQUIREMENTS TABLE"

FRAME SCREW
PER ELEVATION

7 1/4" MIN.

3/8" MAX.
SHIM AT
EACH ANCHOR

FRAME HEIGHT

SEE GLAZING
DETAILS ON
SHEET 26

CERTIFICATION

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

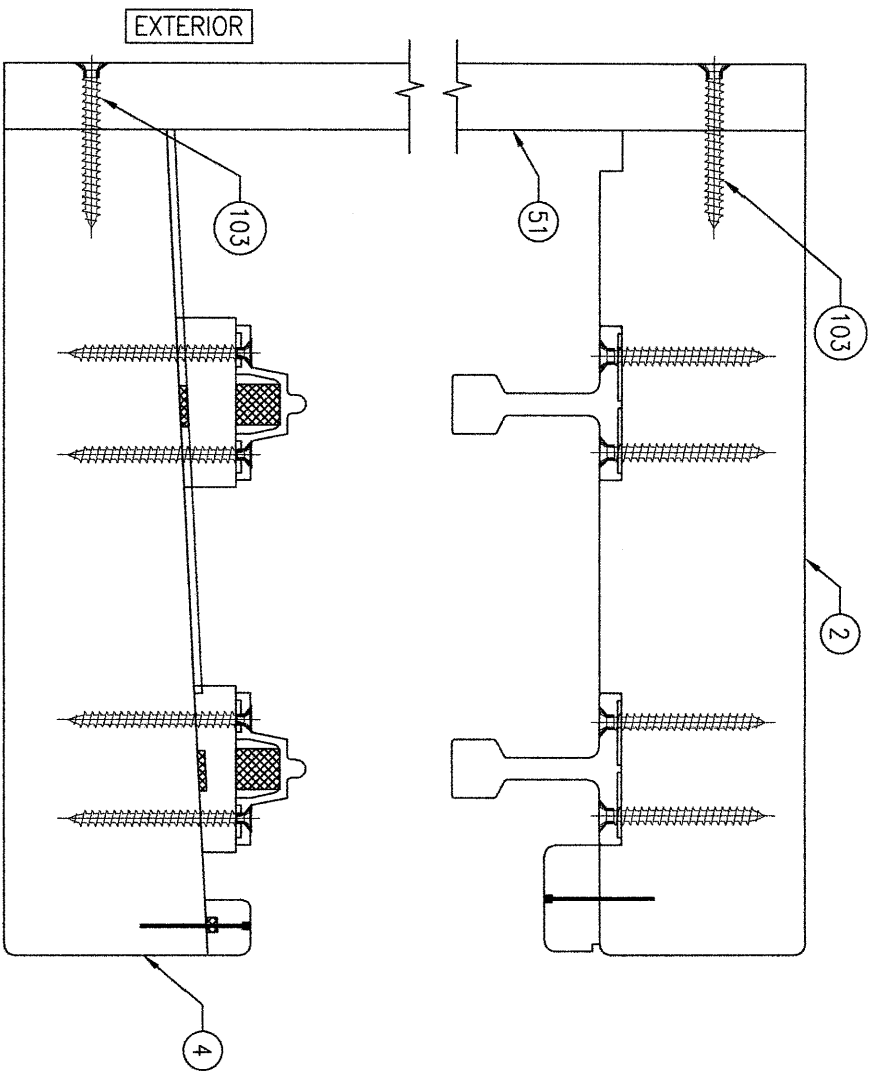
CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

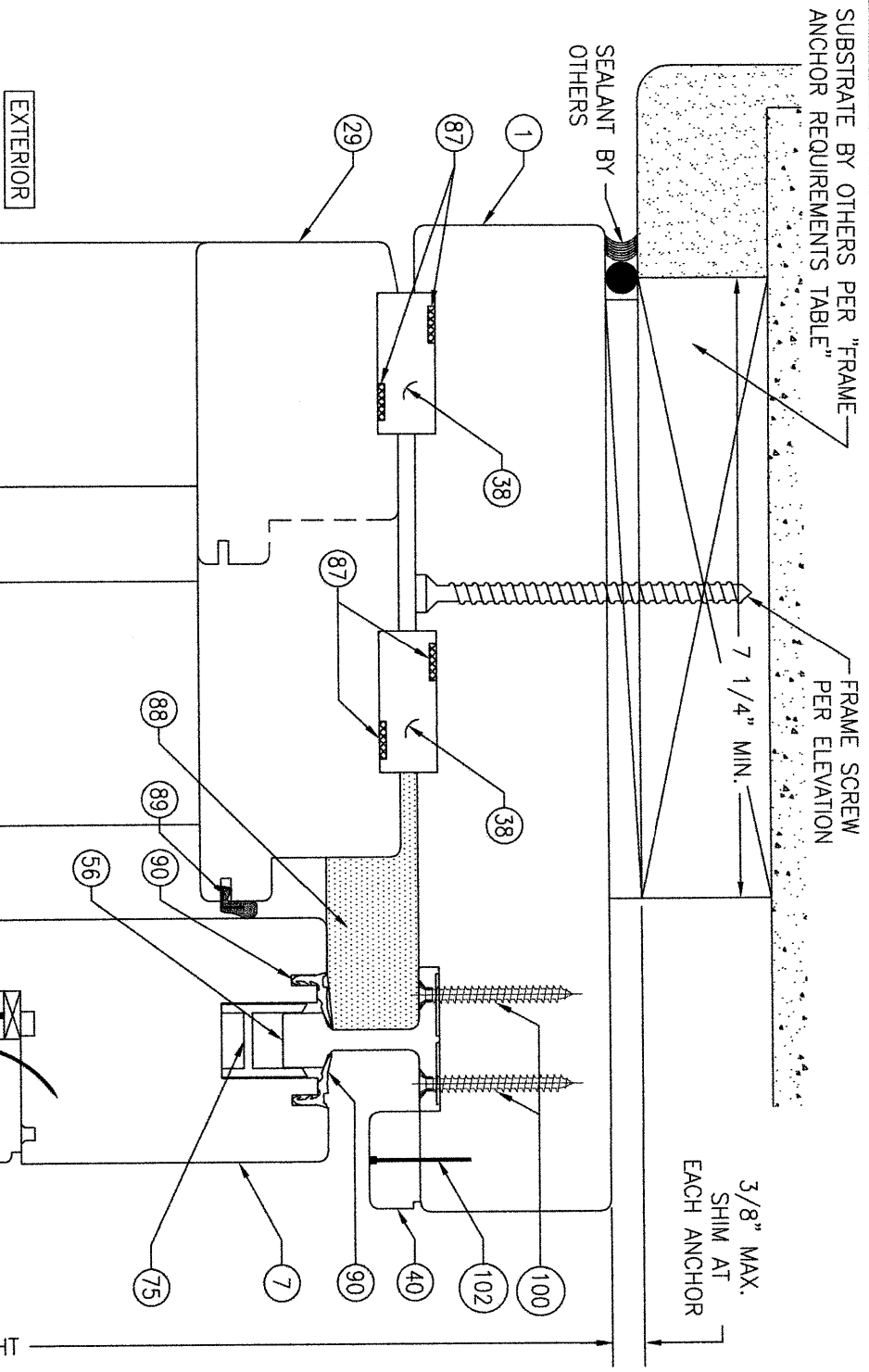
NO.	REVISION	DESCRIPTION	BY	DATE
1	2			

DRAWN BY: W.R.M.
CHECKED BY: W.W.S.
DATE: 03/29/12

DRAWING NO. 1755
REV. C
SHEET NO. 14 OF 32



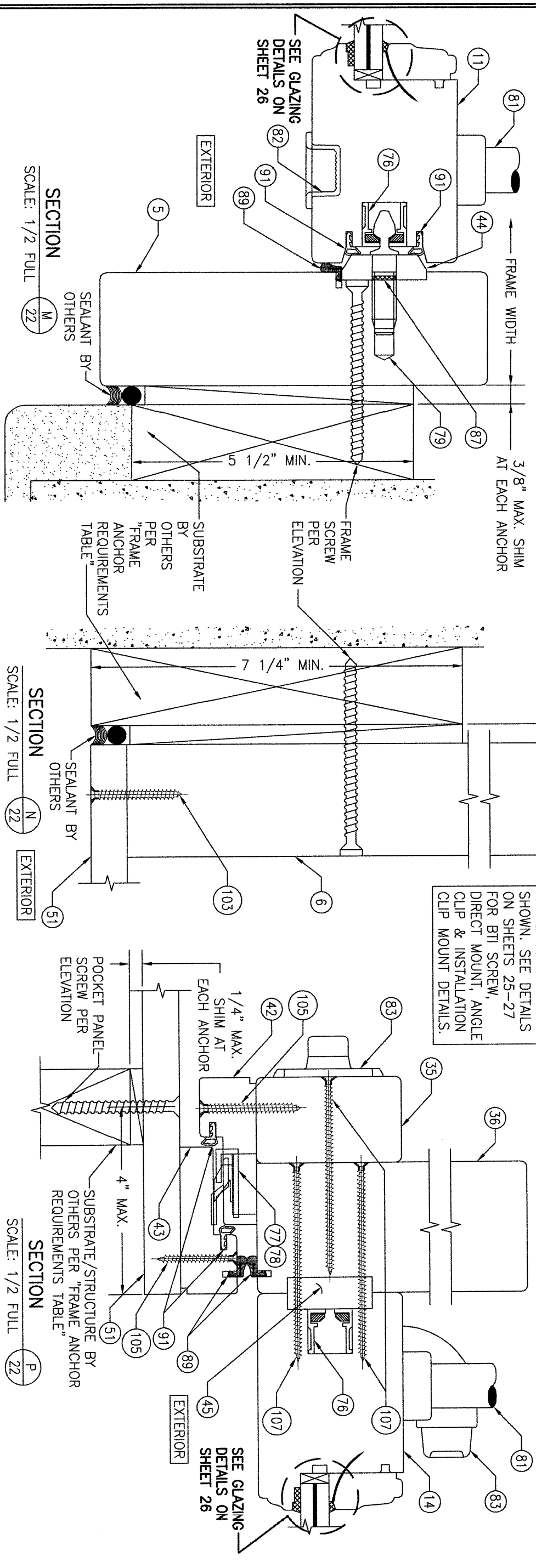
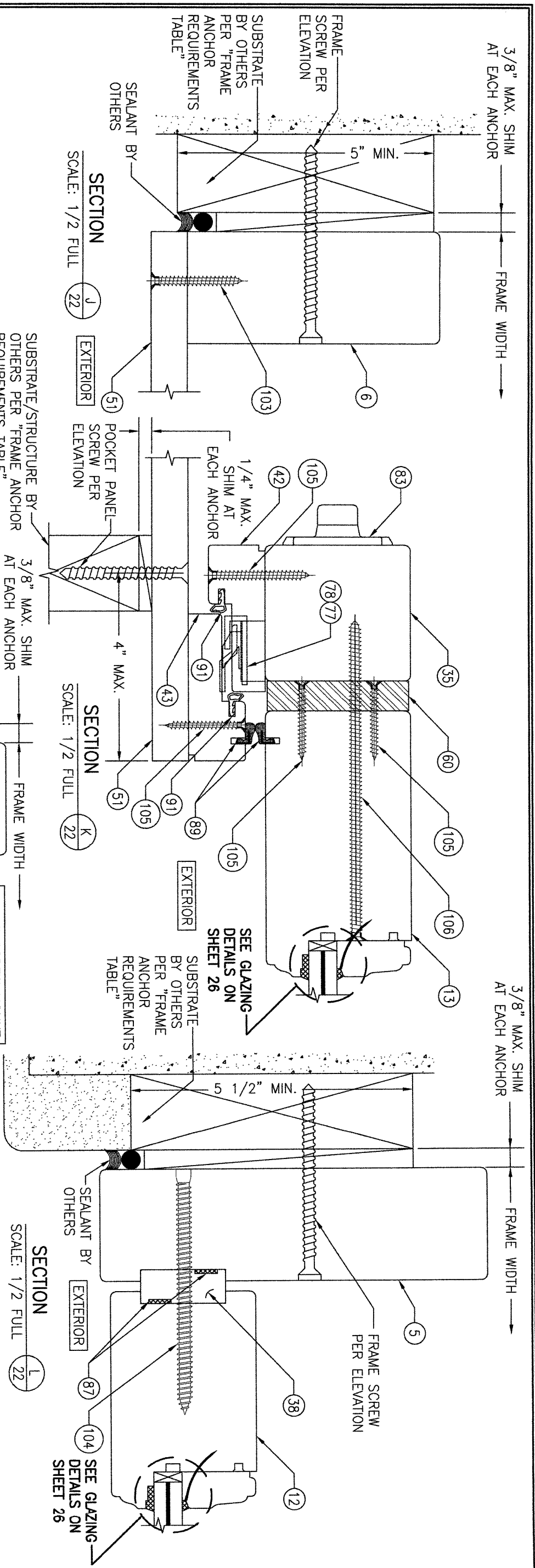
(FOR INSTALLATION & DETAIL NOT SHOWN, SEE SECTION C1/14.)



NO.	REVISION	DESCRIPTION	BY	DATE
1	2			

DRAWING TITLE	CONSULTANTS	MANUFACTURER
WOOD IMPACT LIFT & SLIDE DOOR	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	TISCHLER UND SOHN (USA) LTD.
	7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600

CERTIFICATION	DRAWING NO.	REV.
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	1755	C
	SHEET NO.	15 OF 32



NO.	REVISION	DESCRIPTION	BY	DATE
1	1			
2	2			
3	3			
4	4			
5	5			
6	6			
7	7			
8	8			
9	9			
10	10			
11	11			
12	12			
13	13			
14	14			
15	15			
16	16			
17	17			
18	18			
19	19			
20	20			
21	21			
22	22			

DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

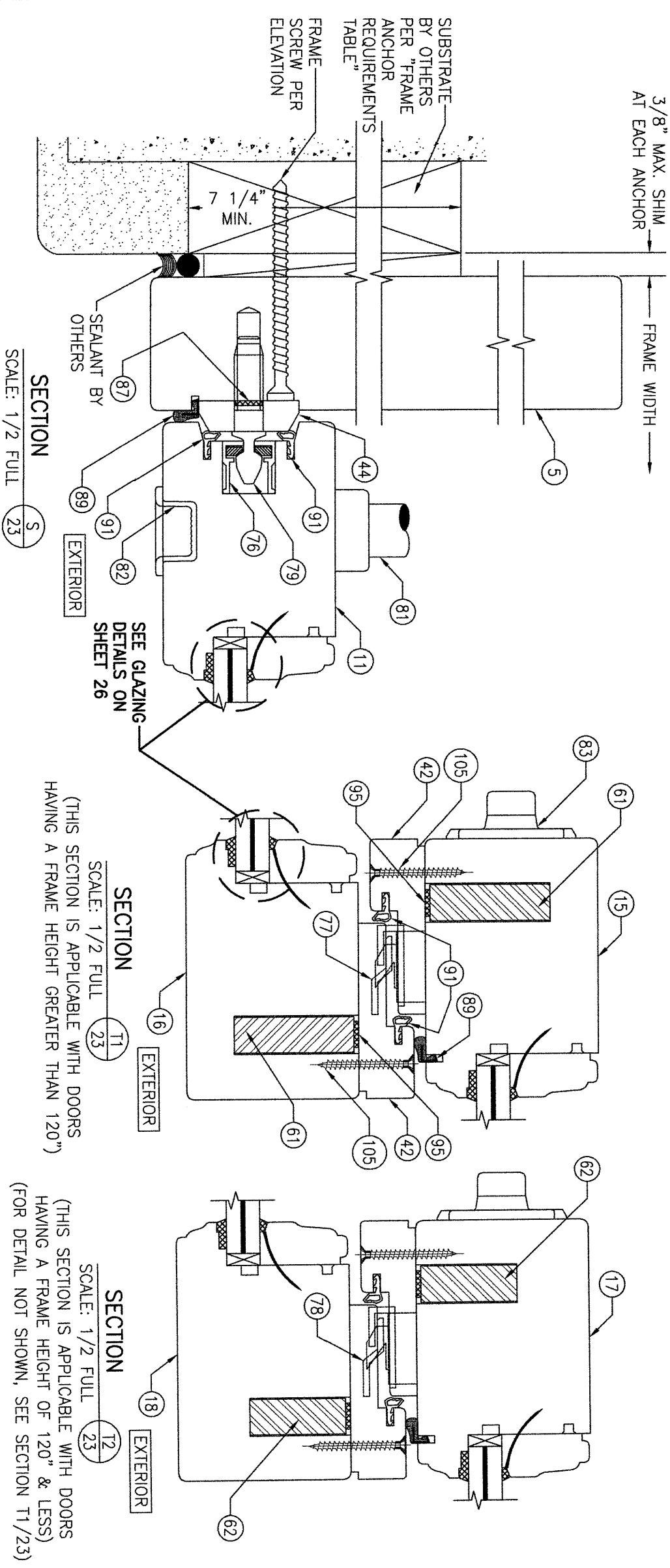
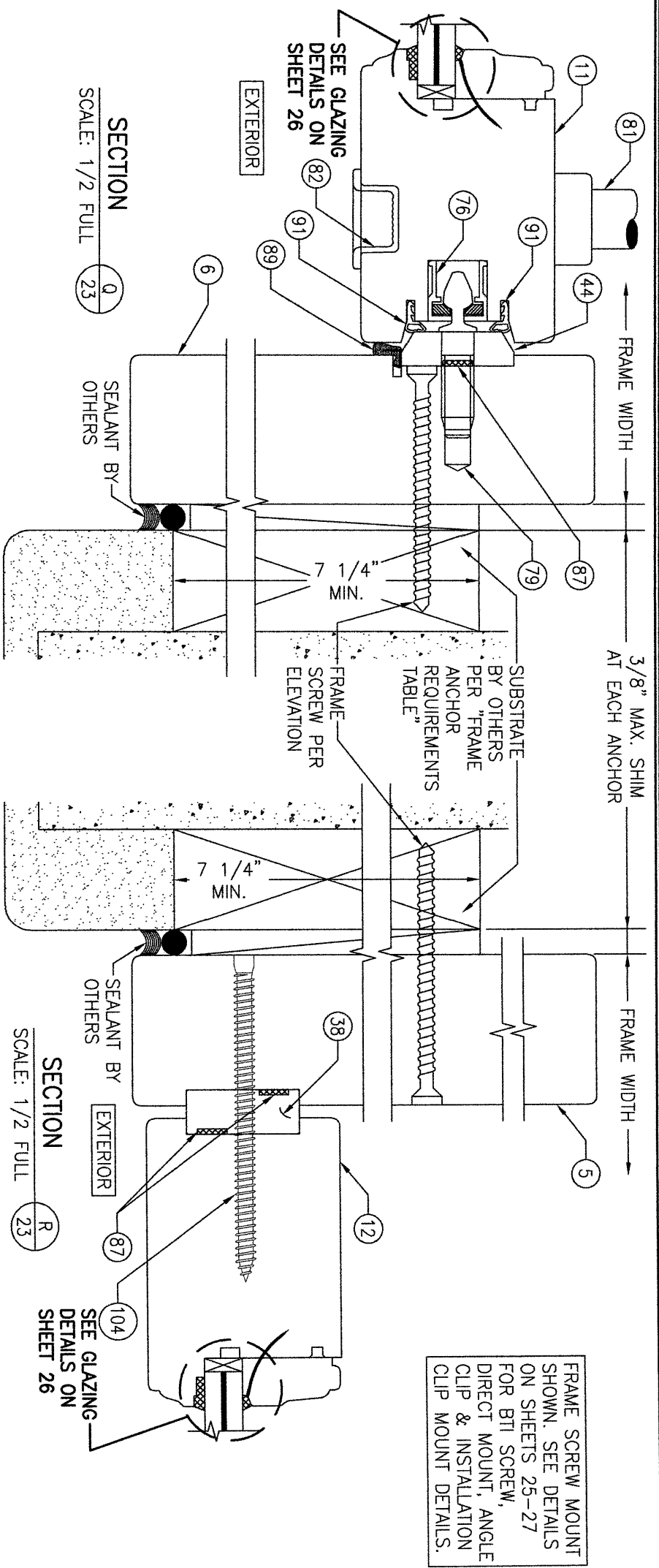
CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO.
1755
REV. C

SHEET NO.
22 OF 32



NO.	REVISION	DESCRIPTION	BY	DATE
1	2			

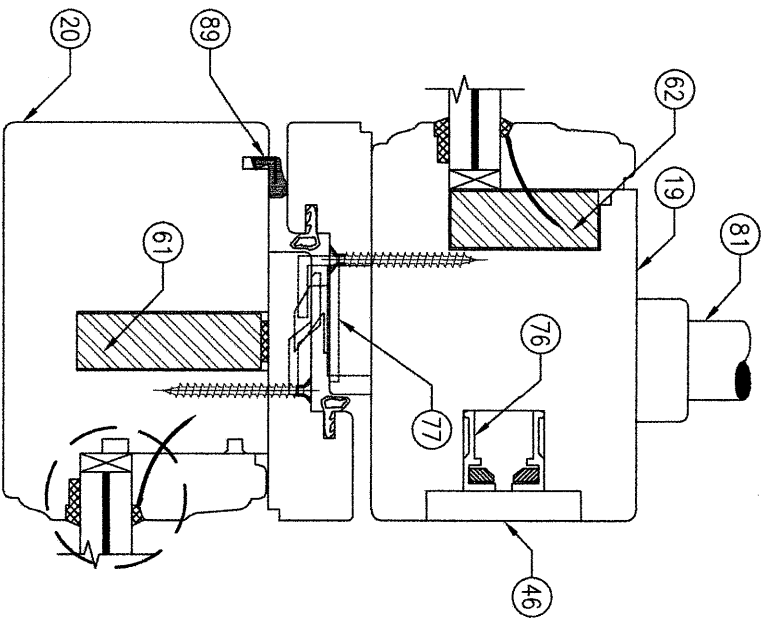
DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
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STAMFORD, CONNECTICUT 06901
203-674-0600

CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. **1755**
REV. **C**

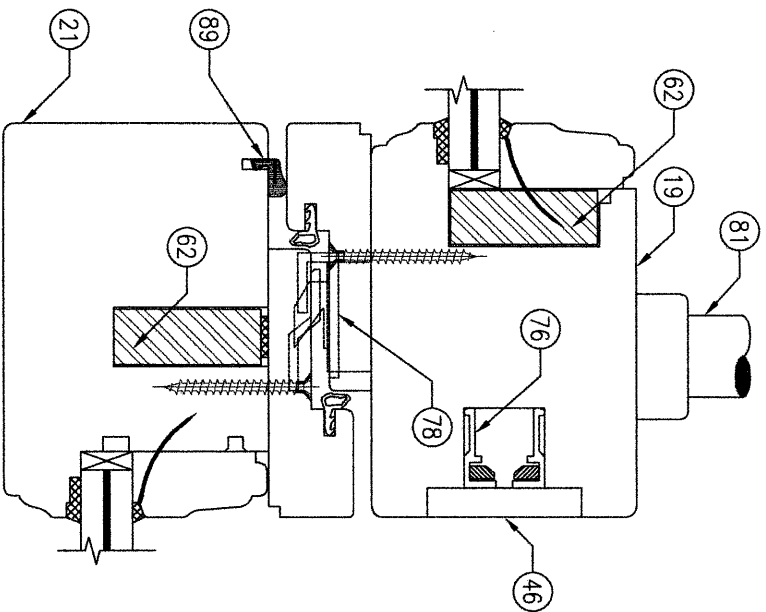


EXTERIOR

SECTION

SCALE: 1/2 FULL T3 24

(THIS SECTION IS APPLICABLE WITH DOORS HAVING A FRAME HEIGHT GREATER THAN 120")
(FOR DETAIL NOT SHOWN, SEE SECTION T1/23)

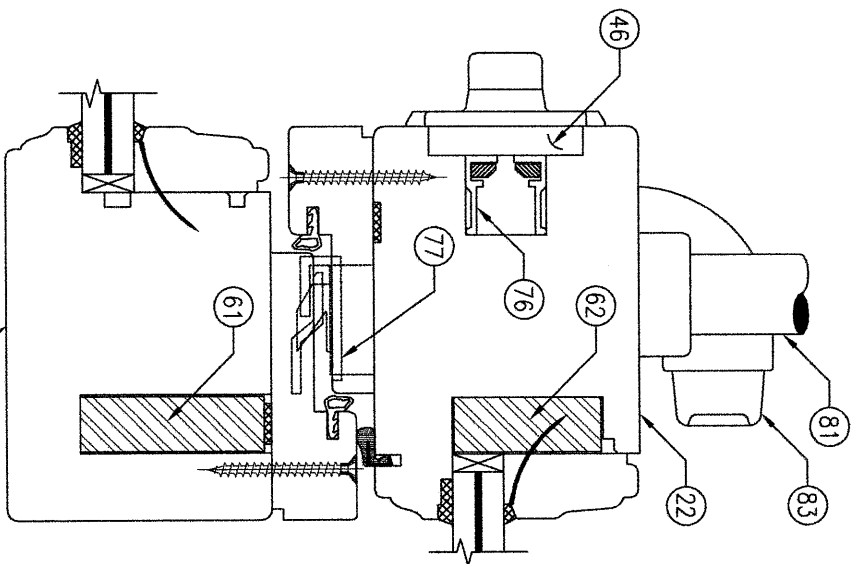


EXTERIOR

SECTION

SCALE: 1/2 FULL T4 24

(THIS SECTION IS APPLICABLE WITH DOORS HAVING A FRAME HEIGHT OF 120" & LESS)
(FOR DETAIL NOT SHOWN, SEE SECTION T1/23)

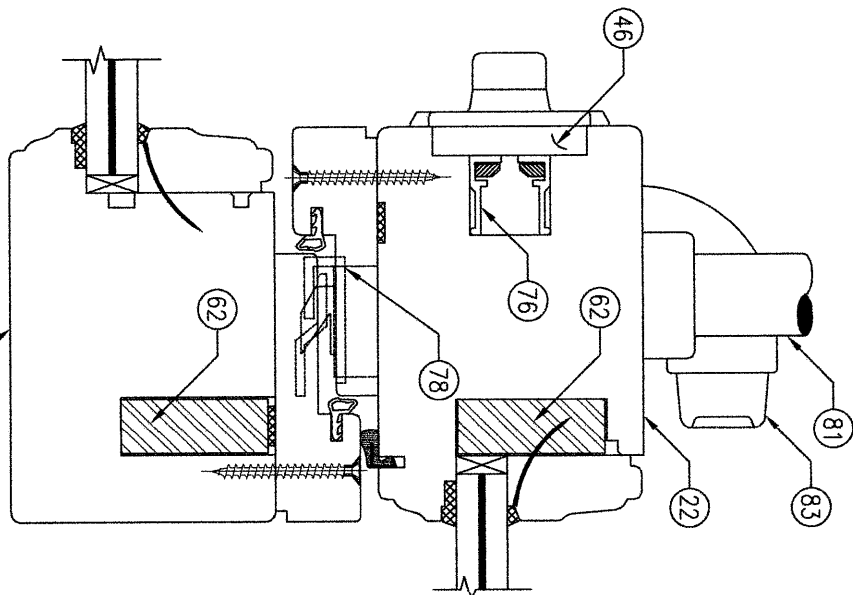


EXTERIOR

SECTION

SCALE: 1/2 FULL T5 24

(THIS SECTION IS APPLICABLE WITH DOORS HAVING A FRAME HEIGHT GREATER THAN 120")
(FOR DETAIL NOT SHOWN, SEE SECTION T1/23)

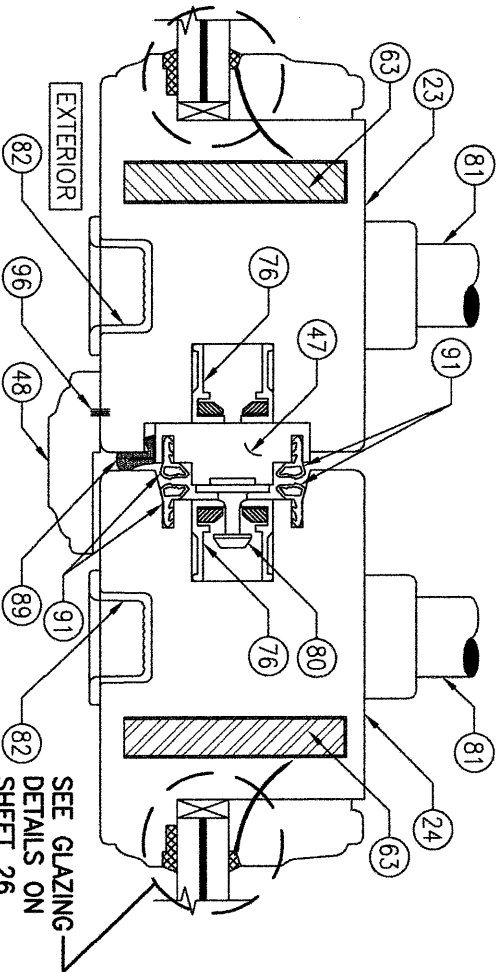


EXTERIOR

SECTION

SCALE: 1/2 FULL T6 24

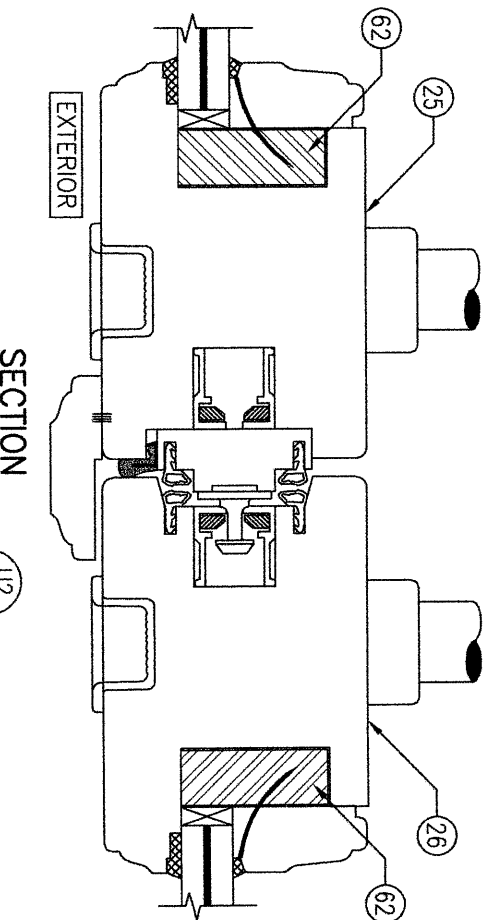
(THIS SECTION IS APPLICABLE WITH DOORS HAVING A FRAME HEIGHT OF 120" & LESS)
(FOR DETAIL NOT SHOWN, SEE SECTION T1/23)



SECTION

SCALE: 1/2 FULL U1 24

(THIS SECTION IS APPLICABLE WITH DOORS HAVING A FRAME HEIGHT GREATER THAN 120")
(FOR DETAIL NOT SHOWN, SEE SECTION T1/23)



SECTION

SCALE: 1/2 FULL U2 24

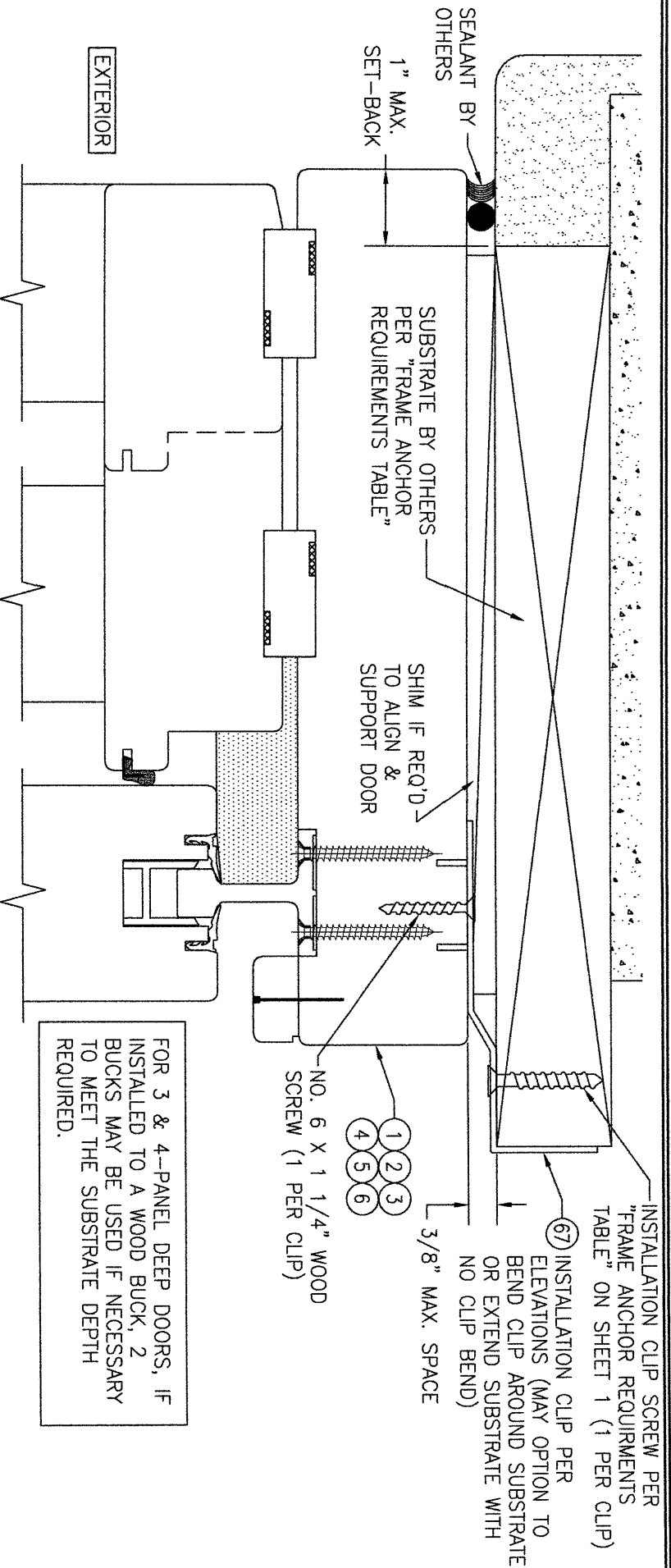
(THIS SECTION IS APPLICABLE WITH DOORS HAVING A FRAME HEIGHT OF 120" & LESS)
(FOR DETAIL NOT SHOWN, SEE SECTION U1/24)

NO.	REVISION	DESCRIPTION	BY	DATE
1-2				

DRAWING TITLE		DRAWING NO. REV.	
WOOD IMPACT LIFT & SLIDE DOOR		1755 C	
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		TISCHLER UND SOHN (USA) LTD.	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600	

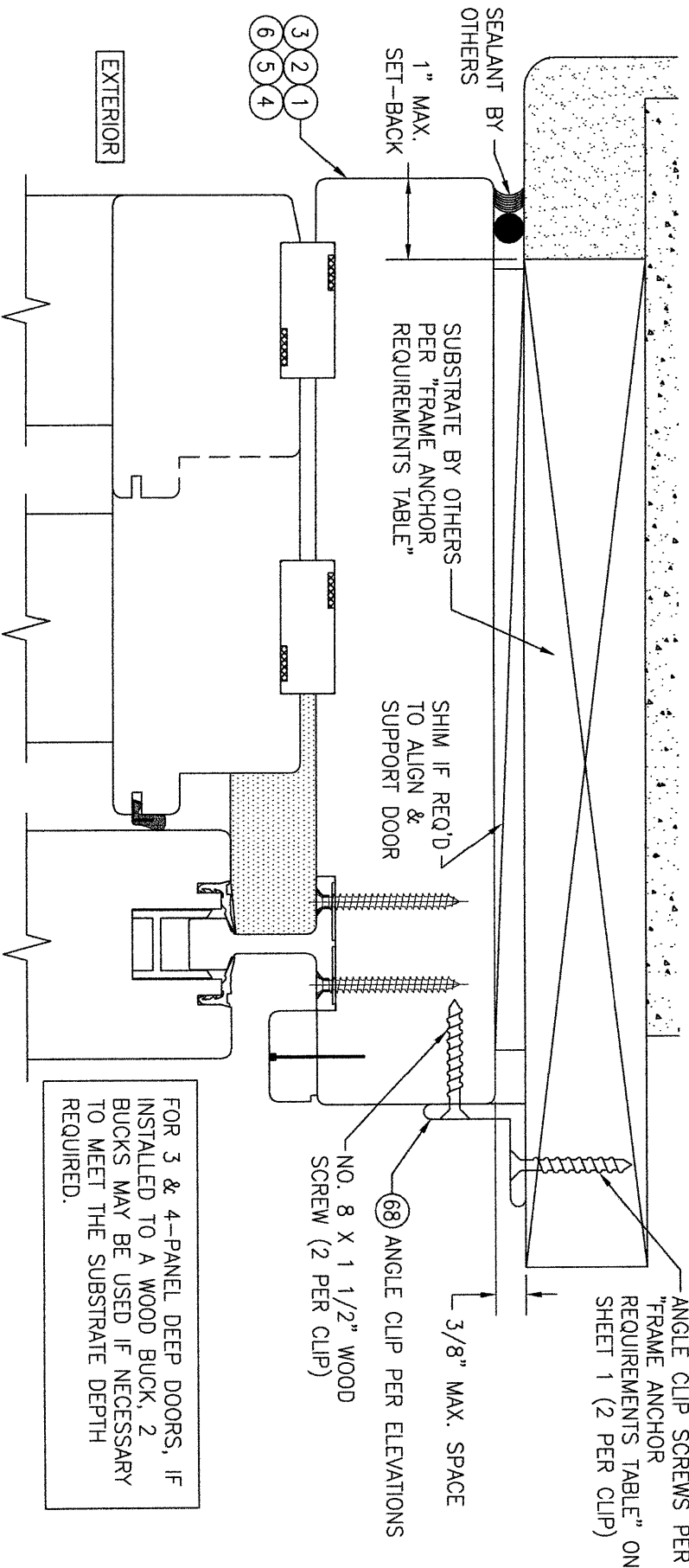
CERTIFICATION	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	

DRAWING NO. REV.	
1755 C	
SHEET NO.	
24 OF 32	



OPTIONAL INSTALLATION CLIP DETAIL

(HEAD SECTION SHOWN, SIDES & SILL ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(3-PANEL DEEP DOOR SHOWN. ALL OTHER DEPTH DOORS ALSO APPLY.)



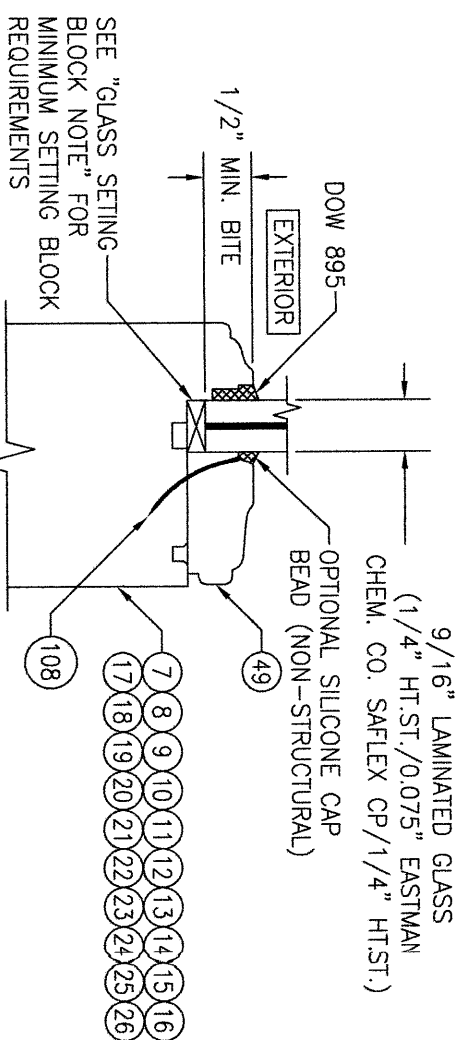
OPTIONAL ANGLE CLIP INSTALLATION DETAIL

(ANGLE LEG TURNED OUT & SHEAR CONNECTED TO SUBSTRATE)
(HEAD SECTION SHOWN, SIDES & SILL ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(3-PANEL DEEP DOOR SHOWN. ALL OTHER DEPTH DOORS ALSO APPLY.)

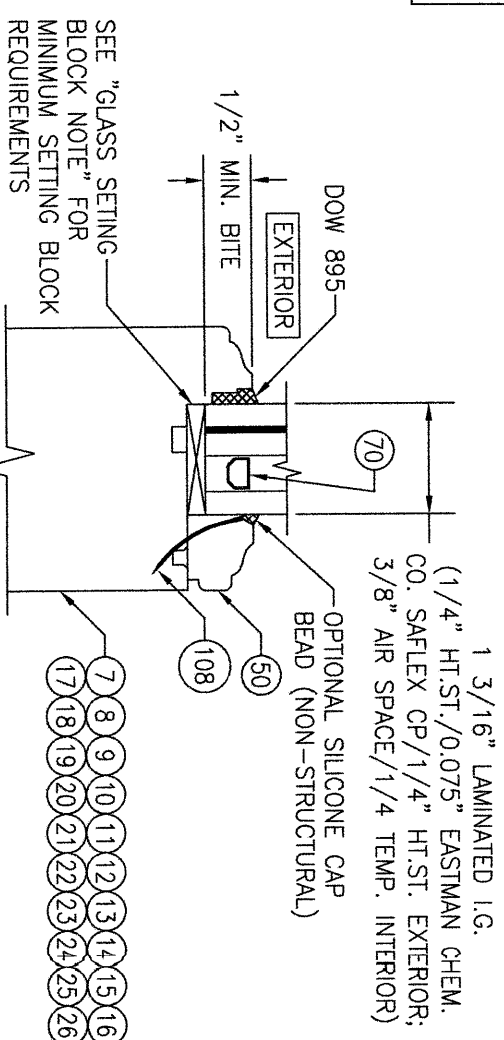
NO.	REVISION	DESCRIPTION	BY	DATE

DRAWING TITLE WOOD IMPACT LIFT & SLIDE DOOR	CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	MANUFACTURER TISCHLER UND SOHN (USA) LTD. SIX SUBURBAN AVENUE STAMFORD, CONNECTICUT 06901 203-674-0600
--	---	--

CERTIFICATION WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1755 REV. C	SHEET NO. 25 OF 32
---	--	--



FOR 3 & 4-PANEL DEEP DOORS, IF
INSTALLED TO A WOOD BUCK, 2
BUCKS MAY BE USED IF NECESSARY
TO MEET THE SUBSTRATE DEPTH
REQUIRED.



GLASS SETTING BLOCK NOTE:
POLYPROPYLENE SETTING BLOCK AT EACH CORNER OF THE GLASS (ALL SIDES).
WHEN WIDTH OF GLASS EXCEEDS 63", TWO ADDITIONAL SETTING BLOCKS ARE PLACED AT THE BASE EQUALLY SPACED.

[illegible]

DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

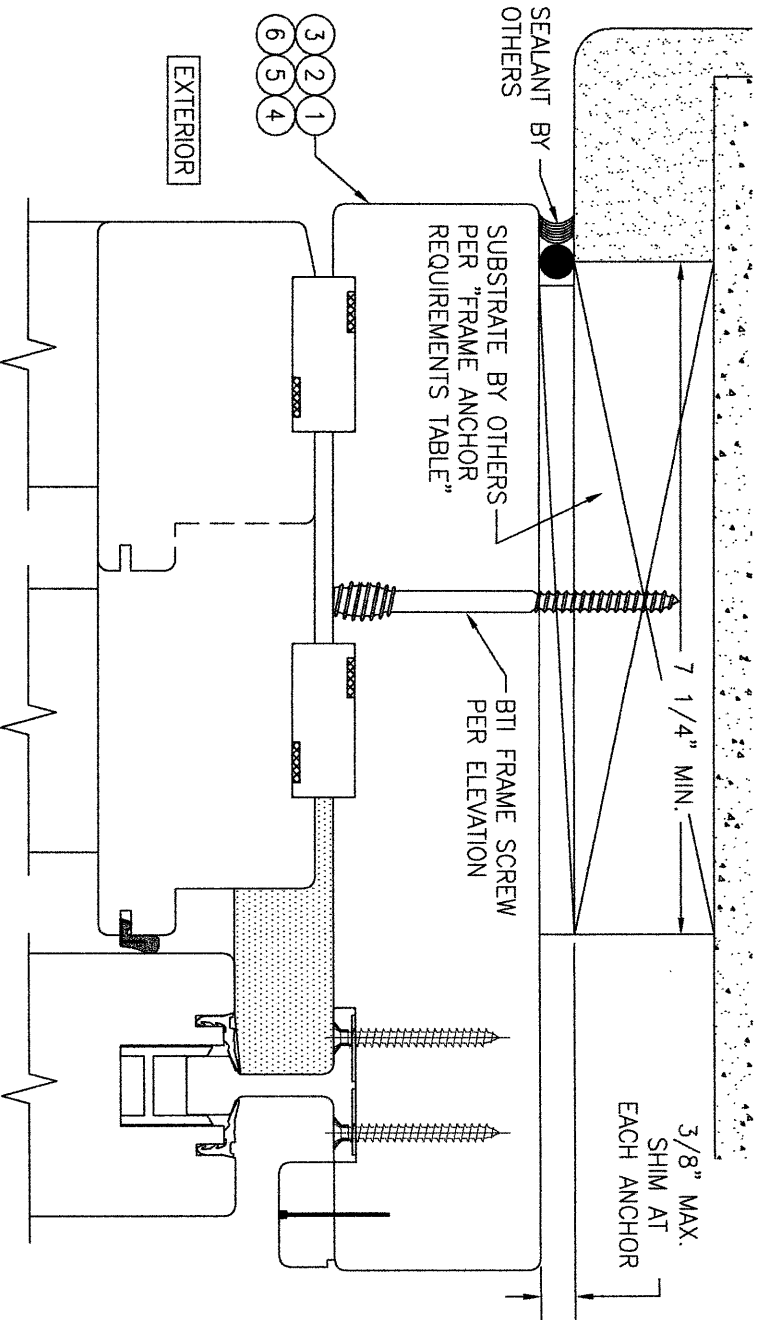
CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

CERTIFICATION

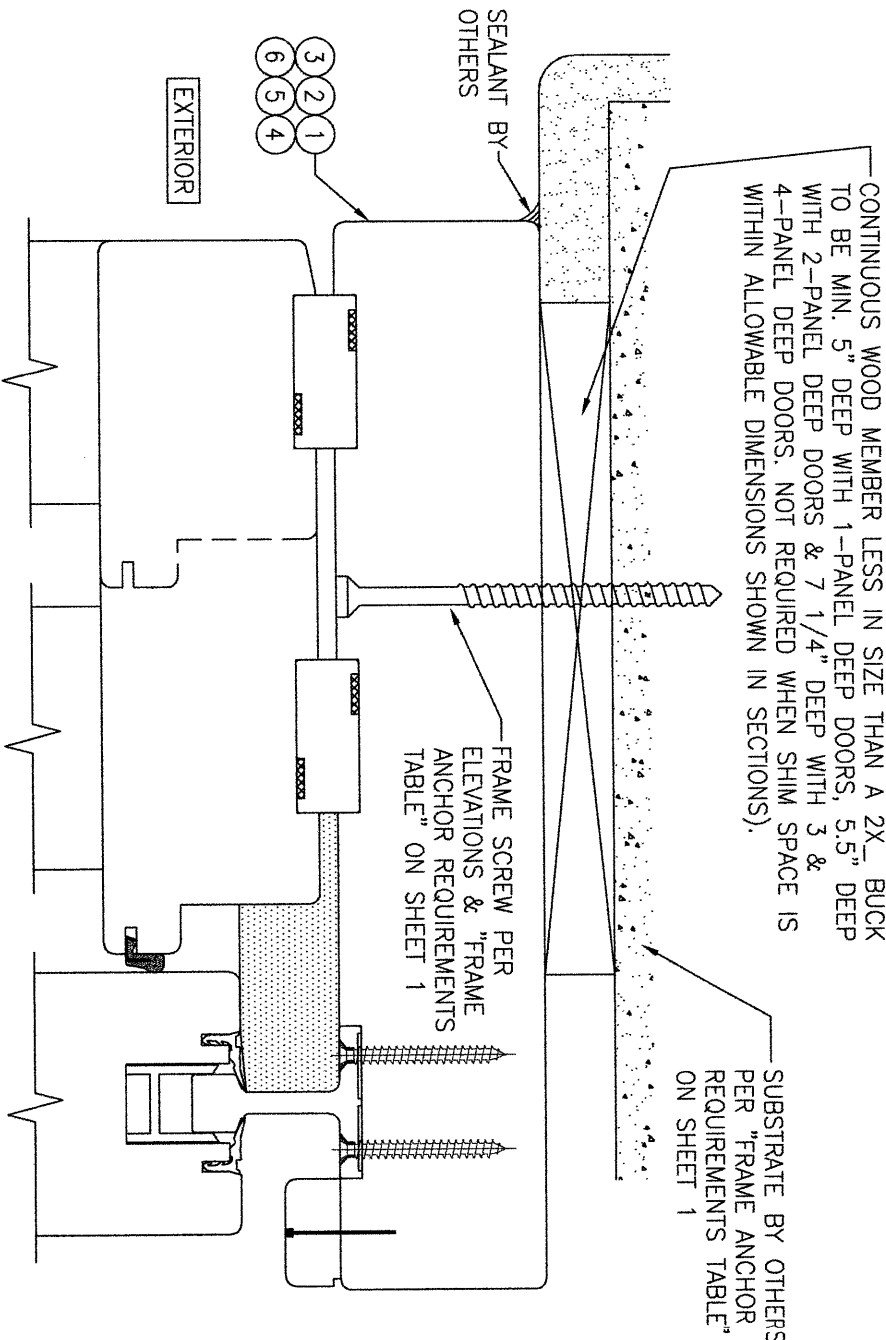
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO.	REV.
1755	C
SHEET NO.	
26	OF 32



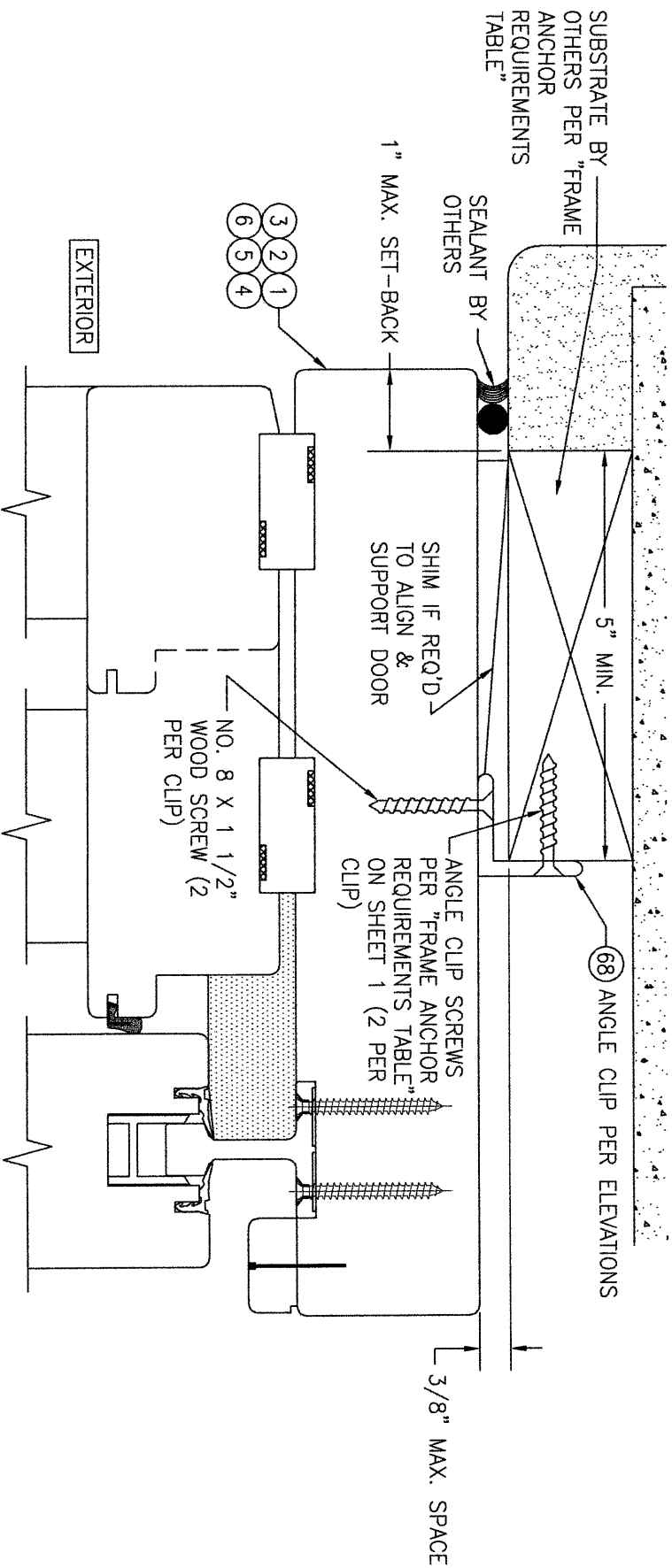
OPTIONAL BTI SCREW INSTALLATION DETAIL

(HEAD SECTION SHOWN, SIDES & SILL ARE SIMILAR.)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS. BTI INSTALL IS
THE SAME AS FRAME SCREW INSTALL SHOWN IN THE SECTIONS.)
(3-PANEL DEEP DOOR SHOWN. ALL OTHER DEPTH DOORS ALSO APPLY.)



OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

(HEAD SECTION SHOWN, SIDES & SILL ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



OPTIONAL ANGLE CLIP INSTALLATION DETAIL

(ANGLE LEG TURNED IN & FACE CONNECTED TO SUBSTRATE)

(HEAD SECTION SHOWN, SIDES & SILL ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(3-PANEL DEEP DOOR SHOWN. ALL OTHER DEPTH DOORS ALSO APPLY.)

NO.	REVISION	DESCRIPTION	BY	DATE
1-2				

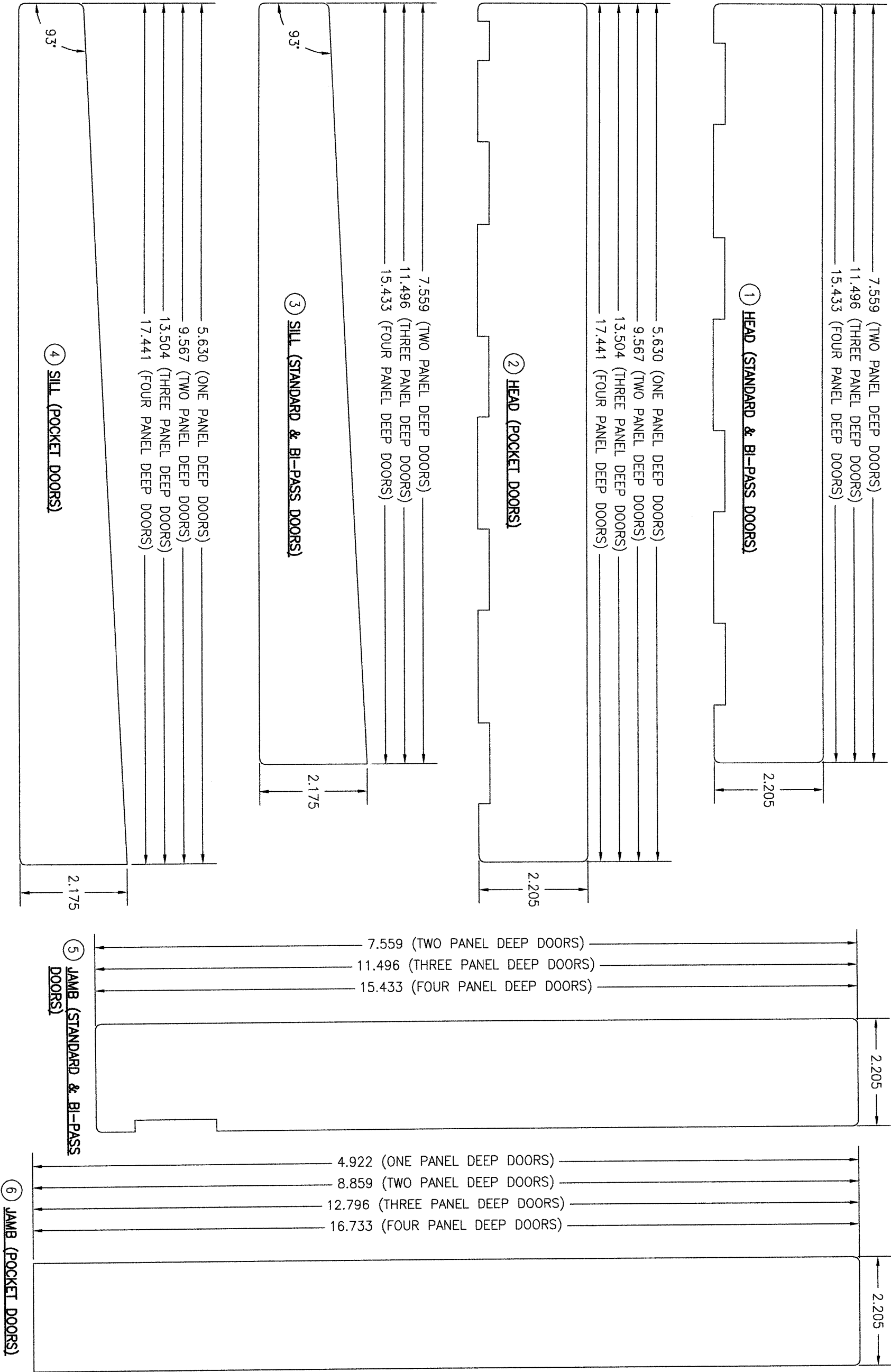
MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

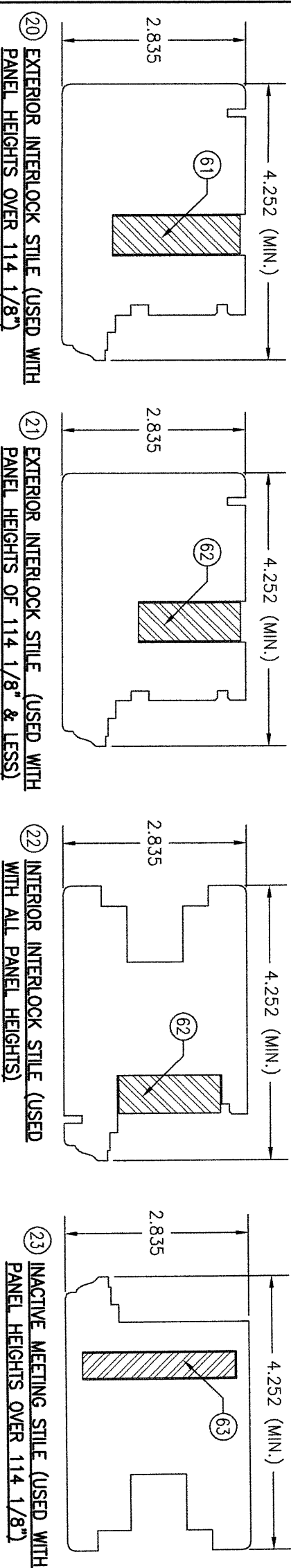
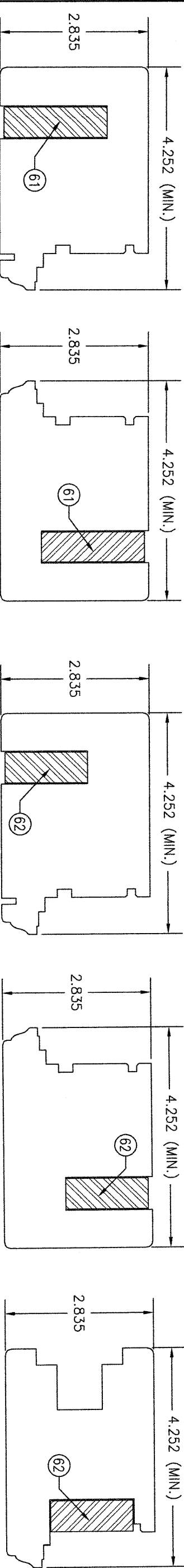
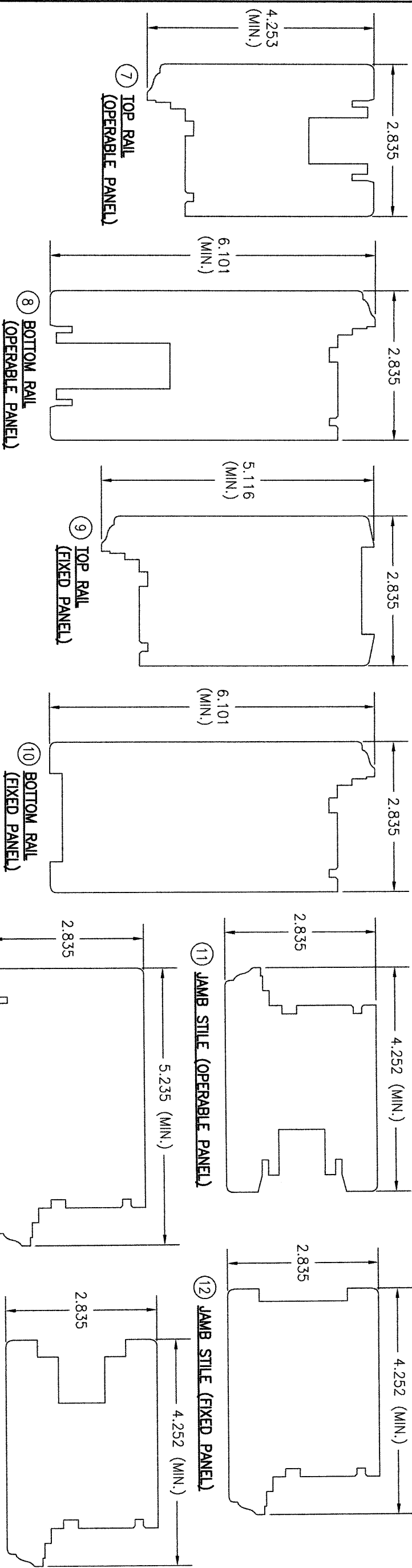
DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

CONSULTANTS
**W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)**
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1755
SHEET NO. 27 OF 32





DRAWN BY:		CHECKED BY:		
W.R.M.		W.M.S.		
PLOT:		DATE:		
1-2		03/29/12		
NO.	REVISION	DESCRIPTION	BY	DATE

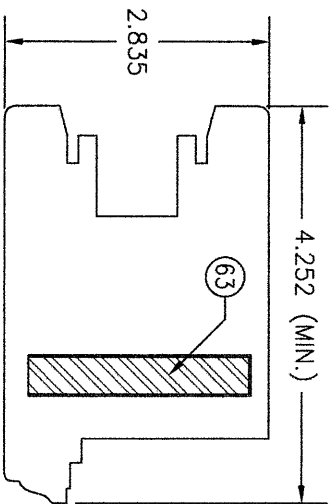
DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

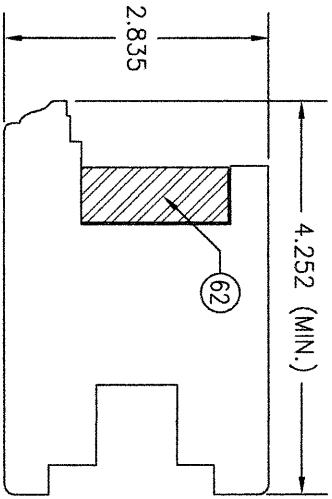
MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

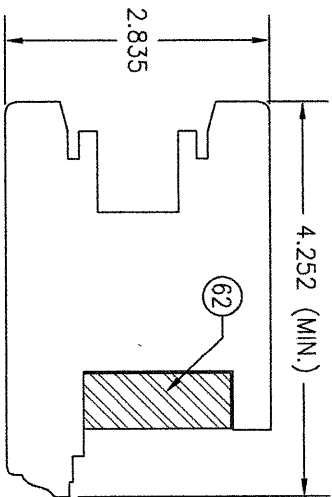
DRAWING NO. 1755
SHEET NO. 29 OF 32



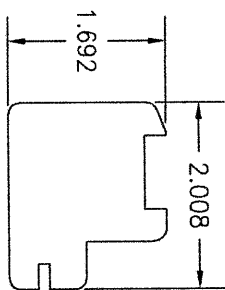
24 ACTIVE MEETING STILE (USED WITH PANEL HEIGHTS OVER 114 1/8")



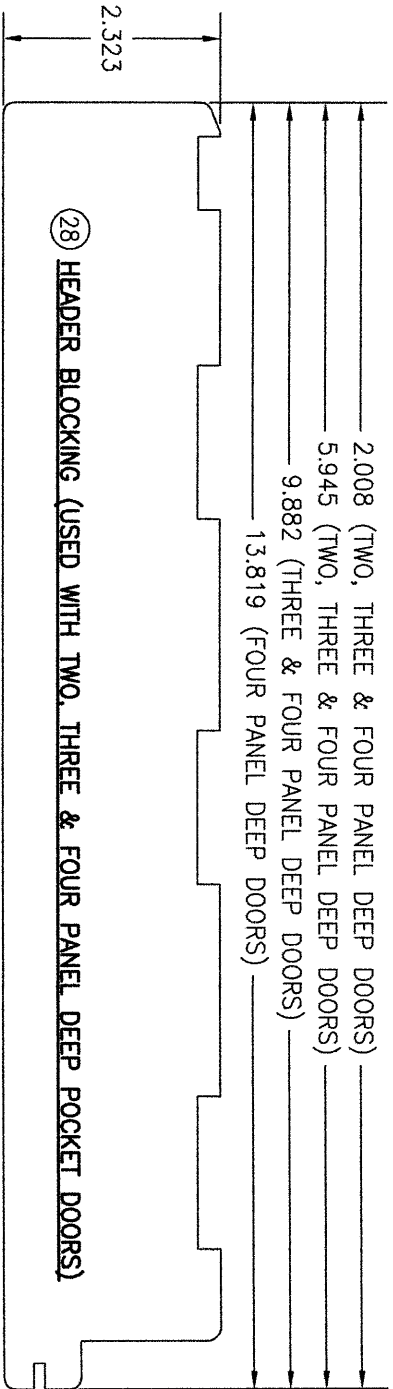
25 INACTIVE MEETING STILE (USED WITH PANEL HEIGHTS OF 114 1/8" & LESS)



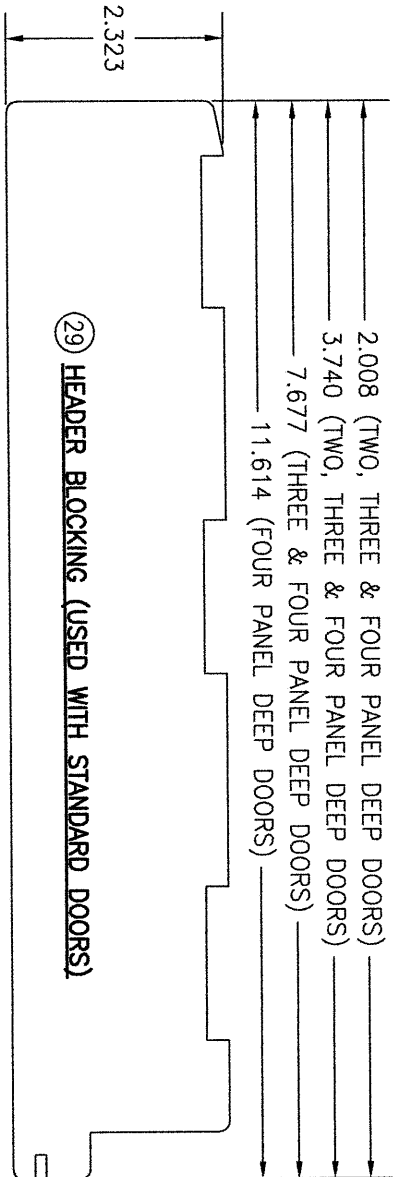
26 ACTIVE MEETING STILE (USED WITH PANEL HEIGHTS OF 114 1/8" & LESS)



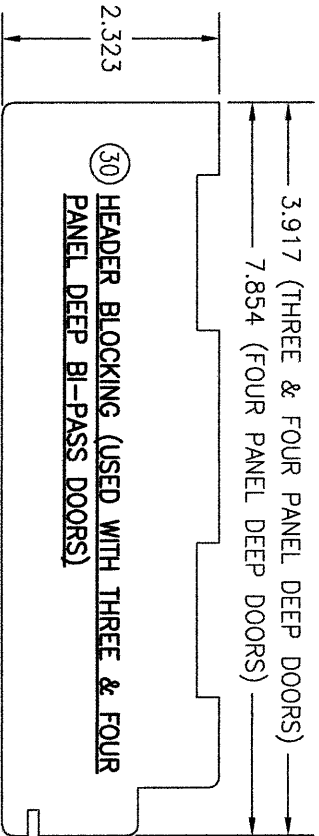
27 HEADER BLOCKING (USED WITH ONE PANEL DEEP POCKET DOOR)



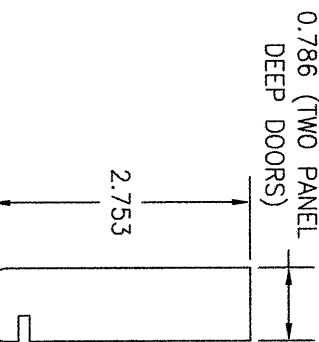
28 HEADER BLOCKING (USED WITH TWO, THREE & FOUR PANEL DEEP POCKET DOORS)



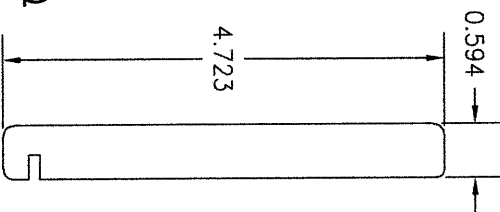
29 HEADER BLOCKING (USED WITH STANDARD DOORS)



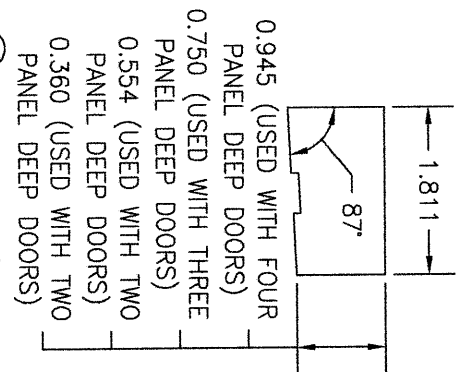
30 HEADER BLOCKING (USED WITH THREE & FOUR PANEL DEEP BI-PASS DOORS)



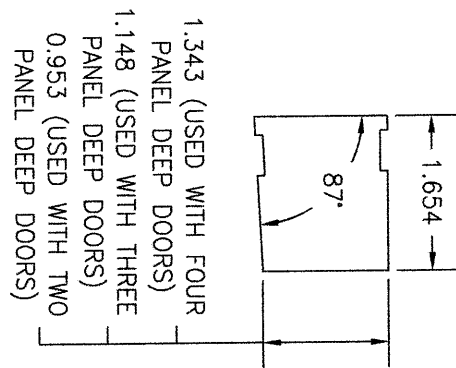
31 HEADER BLOCKING (USED WITH TWO, THREE & FOUR PANEL DEEP BI-PASS DOORS)



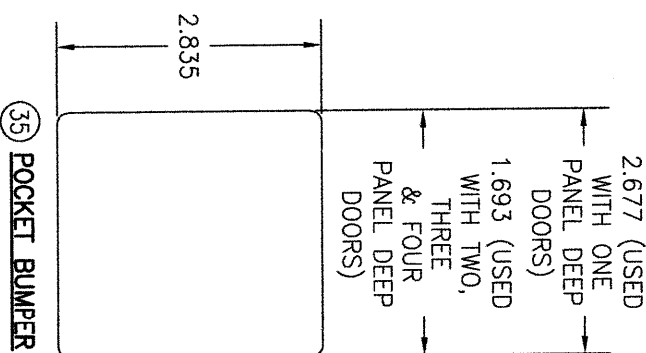
32 SKIRT BOARD



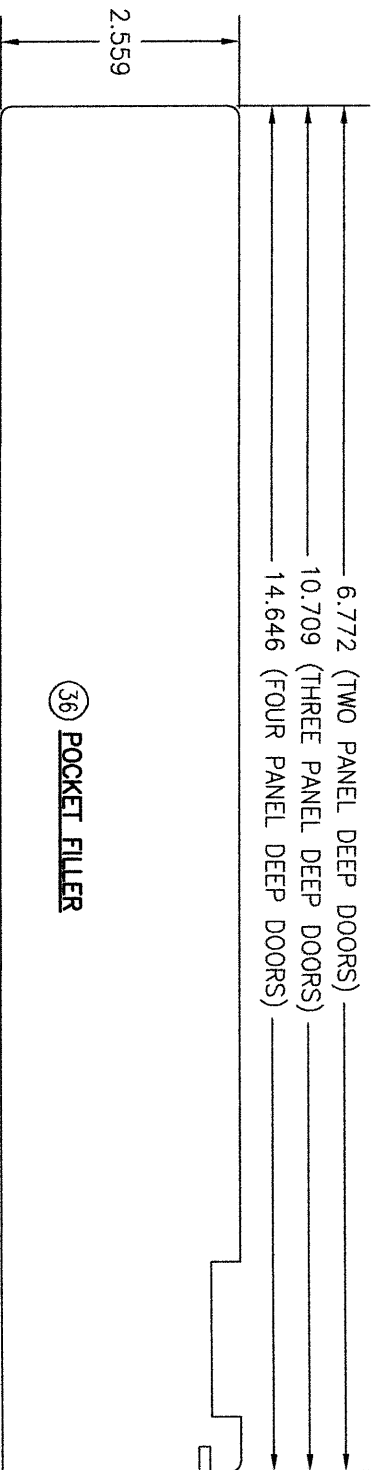
33 TRACK RISER (OPERABLE DOORS)



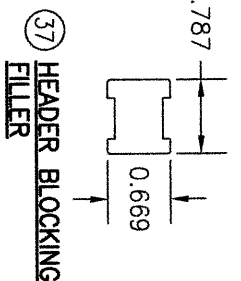
34 PANEL RISER (FIXED DOORS)



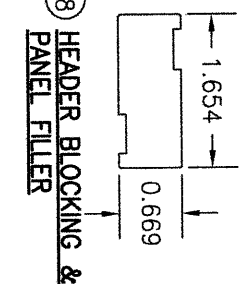
35 POCKET BUMPER



36 POCKET FILLER



37 HEADER BLOCKING FILLER



38 HEADER BLOCKING & PANEL FILLER

DRAWN BY:	W.R.M.	DATE:	BY:	DATE:	NO.	REVISION	DESCRIPTION	CHECKED BY:	W.M.S.
1-2		03/29/12							

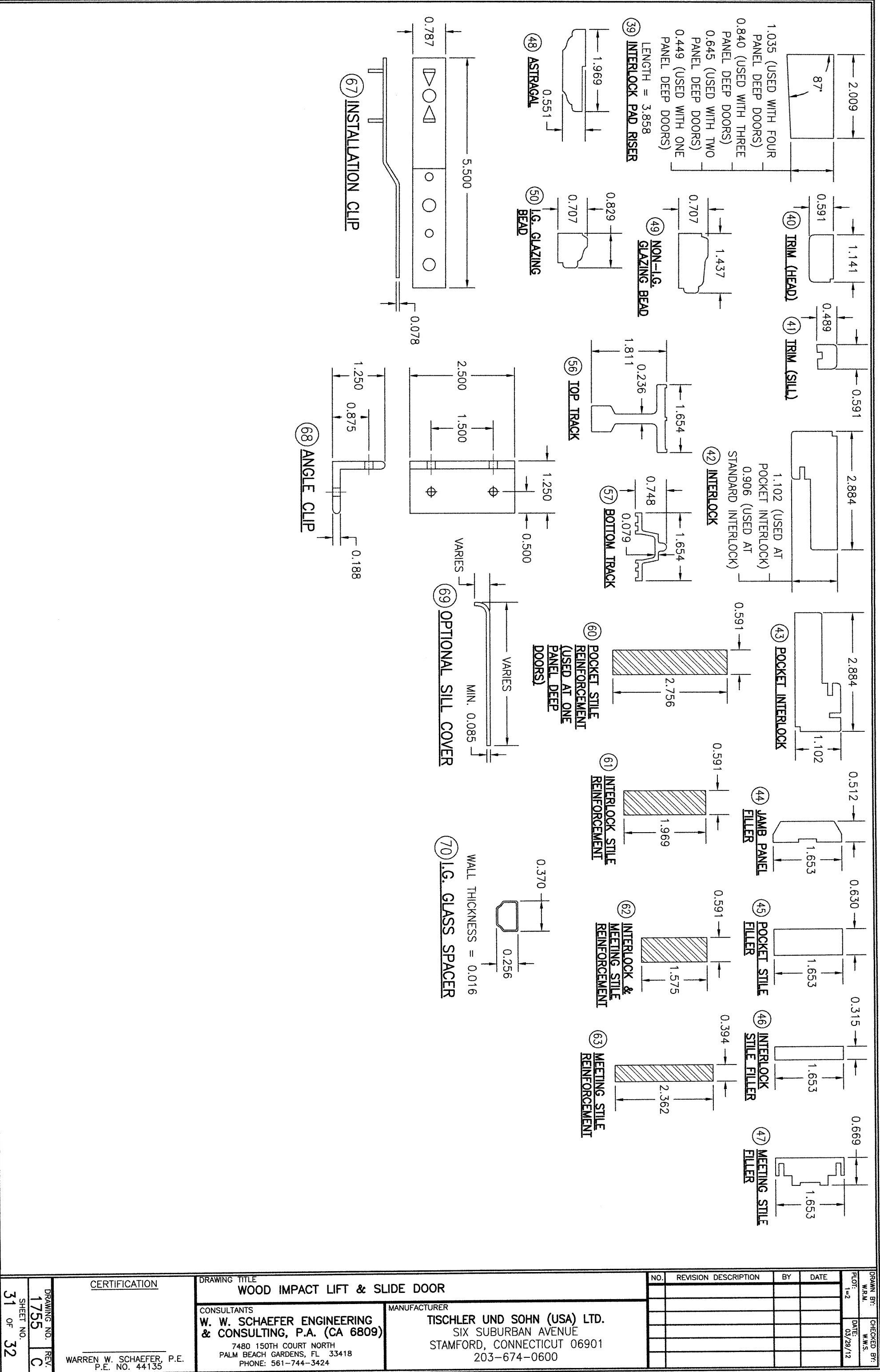
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

DRAWING TITLE
WOOD IMPACT LIFT & SLIDE DOOR

CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1755
SHEET NO. 30 OF 32
REV. C



DRAWN BY:		CHECKED BY:		
W.R.M.				
PLOT:	1-2	DATE:		
		03/29/12		
NO.	REVISION	DESCRIPTION	BY	DATE

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MANUFACTURER
TISCHLER UND SOHN (USA) LTD.
SIX SUBURBAN AVENUE
STAMFORD, CONNECTICUT 06901
203-674-0600

CERTIFICATION
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1755
SHEET NO. 31 OF 32

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD (STANDARD & BI-PASS DOORS)	WOOD
2	HEAD (POCKET DOORS)	WOOD
3	SILL (STANDARD & BI-PASS DOORS)	WOOD
4	SILL (POCKET DOORS)	WOOD
5	JAMB (STANDARD & BI-PASS DOORS)	WOOD
6	JAMB (POCKET DOORS)	WOOD
7	TOP RAIL (OPERABLE PANEL)	WOOD
8	BOTTOM RAIL (OPERABLE PANEL)	WOOD
9	TOP RAIL (FIXED PANEL)	WOOD
10	BOTTOM RAIL (FIXED PANEL)	WOOD
11	JAMB STILE (OPERABLE PANEL)	WOOD
12	JAMB STILE (FIXED PANEL)	WOOD
13	POCKET STILE (ONE PANEL DEEP DOOR)	WOOD
14	POCKET STILE (TWO, THREE & FOUR PANEL DEEP DOOR)	WOOD
15	INTERIOR INTERLOCK STILE (USED WITH PANEL HEIGHTS OVER 114 1/8")	WOOD
16	EXTERIOR INTERLOCK STILE (USED WITH PANEL HEIGHTS OVER 114 1/8")	WOOD
17	INTERIOR INTERLOCK STILE (USED WITH PANEL HEIGHTS 114 1/8" & LESS)	WOOD
18	EXTERIOR INTERLOCK STILE (USED WITH PANEL HEIGHTS 114 1/8" & LESS)	WOOD
19	INTERIOR INTERLOCK STILE (USED WITH ALL PANEL HEIGHTS)	WOOD
20	EXTERIOR INTERLOCK STILE (USED WITH PANEL HEIGHTS OVER 114 1/8")	WOOD
21	EXTERIOR INTERLOCK STILE (USED WITH PANEL HEIGHTS 114 1/8" & LESS)	WOOD
22	INTERIOR INTERLOCK STILE (USED WITH ALL PANEL HEIGHTS)	WOOD
23	INACTIVE MEETING STILE (USED WITH PANEL HEIGHTS OVER 114 1/8")	WOOD
24	ACTIVE MEETING STILE (USED WITH PANEL HEIGHTS OVER 114 1/8")	WOOD
25	INACTIVE MEETING STILE (USED WITH PANEL HEIGHTS 114 1/8" & LESS)	WOOD
26	ACTIVE MEETING STILE STILE (USED WITH PANEL HEIGHTS 114 1/8" & LESS)	WOOD
27	HEADER BLOCKING (USED WITH ONE PANEL DEEP POCKET DOOR)	WOOD
28	HEADER BLOCKING (USED WITH TWO, THREE & FOUR PANEL DEEP POCKET DOORS)	WOOD
29	HEADER BLOCKING (USED WITH STANDARD DOORS)	WOOD
30	HEADER BLOCKING (USED WITH THREE & FOUR PANEL DEEP BI-PASS DOORS)	WOOD
31	HEADER BLOCKING (USED WITH TWO, THREE & FOUR PANEL DEEP BI-PASS DOORS)	WOOD
32	SKIRT BOARD (USED WITH BI-PASS DOORS)	WOOD
33	TRACK RISER (OPERABLE DOORS)	WOOD
34	PANEL RISER (FIXED DOORS)	WOOD
35	POCKET BUMPER	WOOD
36	POCKET FILLER	WOOD
37	HEADER BLOCKING FILLER	WOOD
38	HEADER BLOCKING & PANEL FILLER	WOOD
39	INTERLOCK PAD RISER	WOOD
40	TRIM (HEAD)	WOOD
41	TRIM (SILL)	WOOD
42	INTERLOCK	WOOD
43	POCKET INTERLOCK	WOOD
44	JAMB PANEL FILLER	WOOD

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
45	POCKET STILE FILLER	WOOD
46	INTERLOCK STILE FILLER	WOOD
47	MEETING STILE FILLER	WOOD
48	ASTRAGAL	WOOD
49	NON-I.G. GLAZING BEAD	WOOD
50	I.G. GLAZING BEAD	WOOD
51	POCKET SHEATHING	MIN. 0.709" THICK SAPELI MARINE GRADE PLYWOOD
56	TOP TRACK	6063-T5 ALUMINUM
57	BOTTOM TRACK	6063-T5 ALUMINUM
60	POCKET STILE REINFORCEMENT (USED AT AT ONE PANEL DEEP DOORS)	37 KSI STAINLESS STEEL OR A36 STEEL
61	INTERLOCK STILE REINFORCEMENT	35 KSI STAINLESS STEEL OR A36 STEEL
62	INTERLOCK & MEETING STILE REINFORCEMENT	34 KSI STAINLESS STEEL OR A36 STEEL
63	INTERLOCK STILE REINFORCEMENT	34 KSI STAINLESS STEEL OR A36 STEEL
64	MEETING STILE REINFORCEMENT	36 KSI STAINLESS STEEL OR A36 STEEL
67	INSTALLATION CLIP	54 KSI GALVANIZED STEEL
68	ANGLE CLIP	6061-T6 ALUMINUM
69	OPTIONAL SILL COVER	ALUMINUM, COPPER OR BRONZE
70	I.G. GLASS SPACER	ALUMINUM
HARDWARE		
75	TOP TRACK GUIDE	SIEGENIA PFZB 0020
76	LIFT LOCKING GEAR	SIEGENIA HS-300
77	INTERLOCK PLATES (USED WITH INTERLOCK & POCKET INTERLOCK PANEL HEIGHTS OVER 114 1/8")	GU K-11864-00-01 PLUS GU K-11567-00-01
78	INTERLOCK PLATES (USED WITH INTERLOCK & POCKET INTERLOCK PANEL HEIGHTS 114 1/8" & LESS)	GU K-11864-00-01
79	LOCKING BOLT (AT JAMB)	SUPPLIED WITH SIEGENIA, GU OR FTI HARDWARE
80	LOCKING BOLT (AT MEETING STILE)	SUPPLIED WITH SIEGENIA, GU OR FTI HARDWARE
81	HANDLE	AS REQ'D TO ACTUATE LIFT LOCKING GEAR
82	PULL GRIP	AS REQ'D
83	BUMPER	AS REQ'D
SEALS & SEALANTS		
87	PRE-COMPRESSED TAPE	ILBRUCK TP600 ILLMOD600 10/2 OR EQUIVALENT
88	TOP SEALING BRIDGE	SUPPLIED WITH SIEGENIA, GU OR FTI HARDWARE
89	WEATHERSTRIP	SCHLEGEL QL3004
90	WEATHERSTRIP	SIEGENIA HH0134-01
91	BULB WEATHERSTRIP	SIEGENIA HH0134-02
92	PRE-COMPRESSED TAPE	ILBRUCK TP600 ILLMOD600 10/2 OR EQUIVALENT
93	BOTTOM SEALING BRIDGE	WEGNER 0.236 X 3.858 NEOPRENE CR 6086.130
94	SILICONE	DOW 794 OR EQUIVALENT
95	PRE-COMPRESSED TAPE	ILBRUCK TP600 ILLMOD600 10/2 OR EQUIVALENT
96	WOOD GLUE	HENKEL PONA SUPER 3
FASTENERS		
100	NO. 10 X 2" SMS OR WOOD SCREW	WITHIN 4" FROM ENDS & 10" MAX. O.C.
101	NO. 8 X 2" SMS OR WOOD SCREW	WITHIN 4" FROM ENDS & 14" MAX. O.C.
102	18 GA. X 1 1/2" S.S. CURVED NAIL	WITHIN 4" FROM CORNERS & 12" MAX. O.C.
103	NO. 10 X 2" SMS OR WOOD SCREW	WITHIN 4" FROM ENDS & 10" MAX. O.C.
104	NO. 14 X 4 3/4" BAUTEC WOOD SCREW	WITHIN 6" FROM ENDS & 16" MAX. O.C.
105	NO. 8 X 1 1/2" SMS OR WOOD SCREW	WITHIN 4" FROM ENDS & 12" MAX. O.C.
106	NO. 14 X 6 1/4" SMS OR WOOD SCREW	WITHIN 4" FROM CORNERS & 12" MAX. O.C.
107	NO. 10 X 3 1/2" SMS OR WOOD SCREW	WITHIN 4" FROM ENDS & 16" MAX. O.C.
108	18 GA. X 1 1/2" S.S. CURVED NAIL	WITHIN 4" FROM CORNERS & 12" MAX. O.C.
109	NO. 8 X 1 3/4" SMS OR WOOD SCREW	WITHIN 4" FROM CORNERS & 12" MAX. O.C.
110	NO. 8 X 3 1/2" SMS OR WOOD SCREW	WITHIN 4" FROM CORNERS & 12" MAX. O.C.

NOTE: WOOD USED IN TESTING WAS SIPO MAHOGANY WITH A SPECIFIC GRAVITY OF G = 0.63 AND A MODULUS OF ELASTICITY OF E = 1,560,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.63 AND MODULUS OF ELASTICITY OF 1,560,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY TISCHLER UND SOHN TO SELECT.

DRAWN BY: W.R.M.
PLOT: 1=2
DATE: 03/29/12

CHECKED BY: W.M.S.

NO.	REVISION	DESCRIPTION	BY	DATE

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DRAWING NO. 1755
SHEET NO. 32 OF 32

REV. C