

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 (HVHZ) & 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 $K_d = 0.85$ 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 BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.

CORNER CONSTRUCTION:

TOP TO JAMB FRAME: TOP FRAME MEMBER IS SQUARE CUT, BUTTED TO JAMB MEMBERS AND FIELD INSTALLED TO THE OPENING. CORNERS ARE SEALED WITH STRUCTURAL SEALANT.
 JAMB TO SILL FRAME: JAMB MEMBERS ARE SQUARE CUT, BUTTED TO THE SILL AND FIELD INSTALLED TO THE OPENING. CORNERS ARE SEALED WITH STRUCTURAL SEALANT. ENDS OF SILL ARE FILLED WITH SEALANT.
 PANEL: MEMBERS ARE MITERED TOGETHER & JOINED VIA A CORNER KEY (ITEM #18) & TWO(2) CORNER ALIGNMENT PLATES (ITEM #19). CORNERS ARE SEALED WITH 3M DP-125 EPOXY.

FRAME ANCHOR & SCREEN NOTES:

- 1) NUMBER OF ANCHOR ROWS AT HEAD & SIDES IS DEPENDANT ON THE NUMBER OF TRACK SECTIONS. FOR EVERY TRACK ROW, THERE SHALL BE A ROW OF ANCHORS.
- 2) USE OF SCREENS IS OPTIONAL WITH ALL DOORS. WHEN USED, SCREENS REQUIRE ADDITIONAL TRACK SECTIONS TO BE ADDED TO THE DOOR TRACK SYSTEM AT THE HEAD & SIDES. THESE ADDITIONAL TRACKS REQUIRE ANCHORS TO THE SUBSTRATE EQUIVALENT TO THE DOOR TRACKS IN BOTH ANCHOR TYPE & QUANTITY. EXCEPTION: SPACING BETWEEN SCREEN TRACK ANCHORS MAY BE INCREASED TO 24" O.C. IF TWO(2) ROWS OF DOOR TRACK ANCHORS ALREADY EXIST.

PANEL/POCKET QUANTITIES & CONDITIONS:

- 1) QUANTITY OF PANELS & DEPTH OF TRACK ARE UNLIMITED PROVIDING THE OPENING IS DESIGNED TO SUPPORT ALL LOADS TRANSFERRED FROM THE PANELS & TRACKS & THE DEPTH OF THE OPENING IS SUFFICIENT TO ACCOMMODATE THE TRACK DEPTH.
- 2) THIS APPROVAL IS NOT LIMITED TO THE "O" & "X" PANEL COMBINATIONS SHOWN. ANY COMBINATION OF "O" & "X" PANELS APPLY PROVIDING THEIR DETAILS & SECTIONS ARE COMPERABLE TO THOSE SHOWN IN THIS DRAWING.
- 3) POCKETS MAY BE USED WITH ANY DOOR & MAY BE ON ONE OR BOTH SIDES OF A DOOR.

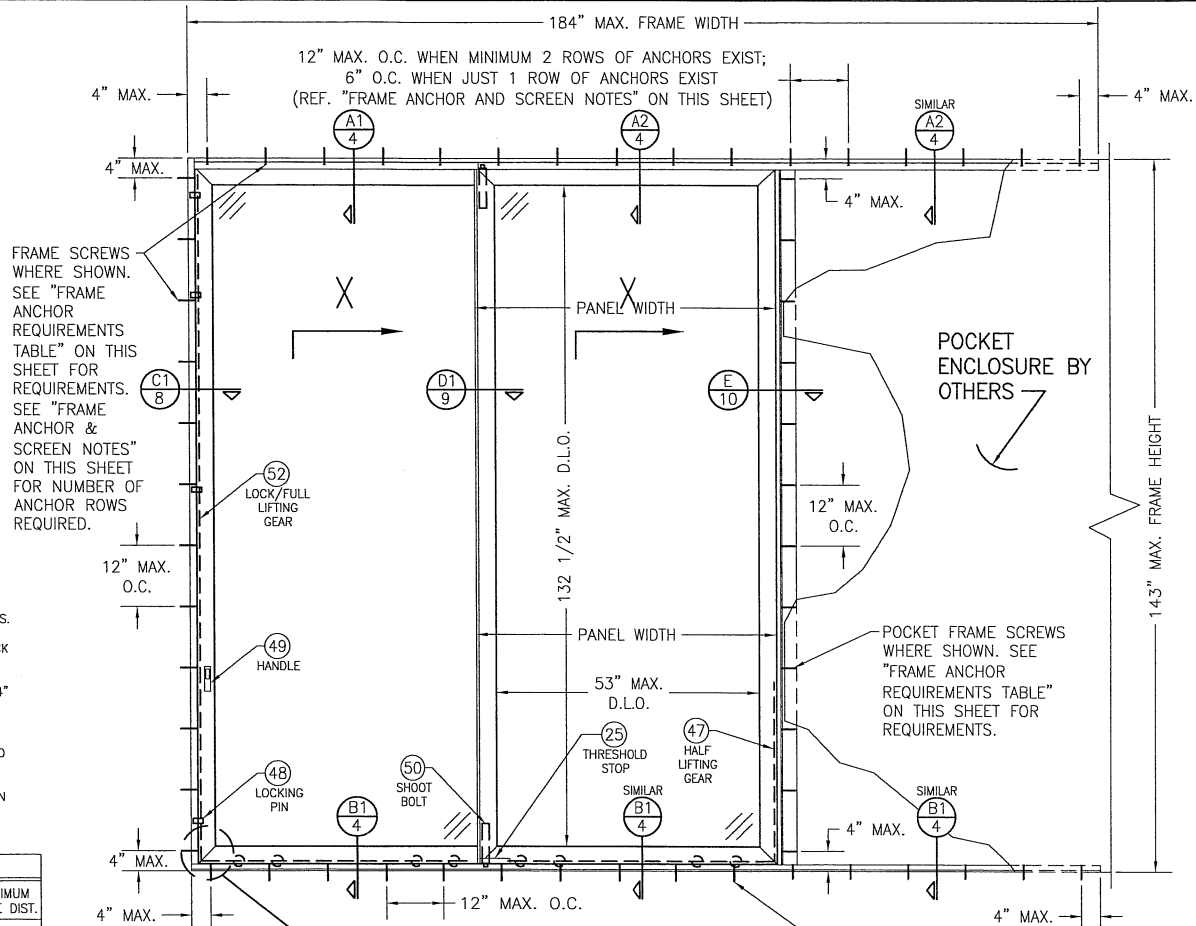
FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS (HEAD, SIDES & POCKET EDGE)			
MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 16 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CONCRETE FILLED CMU	(1) 3/16" CONCRETE SCREW	1 1/2"	2"
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"

SILL SCREWS

MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 16 GA. 33 KSI METAL STUD	1/4-14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4-14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	1/4-14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S. OR S.S.).



SEE CORNER CONSTRUCTION DESCRIPTIONS ON THIS SHEET

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

SILL SCREWS WHERE SHOWN (2 ROWS). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

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

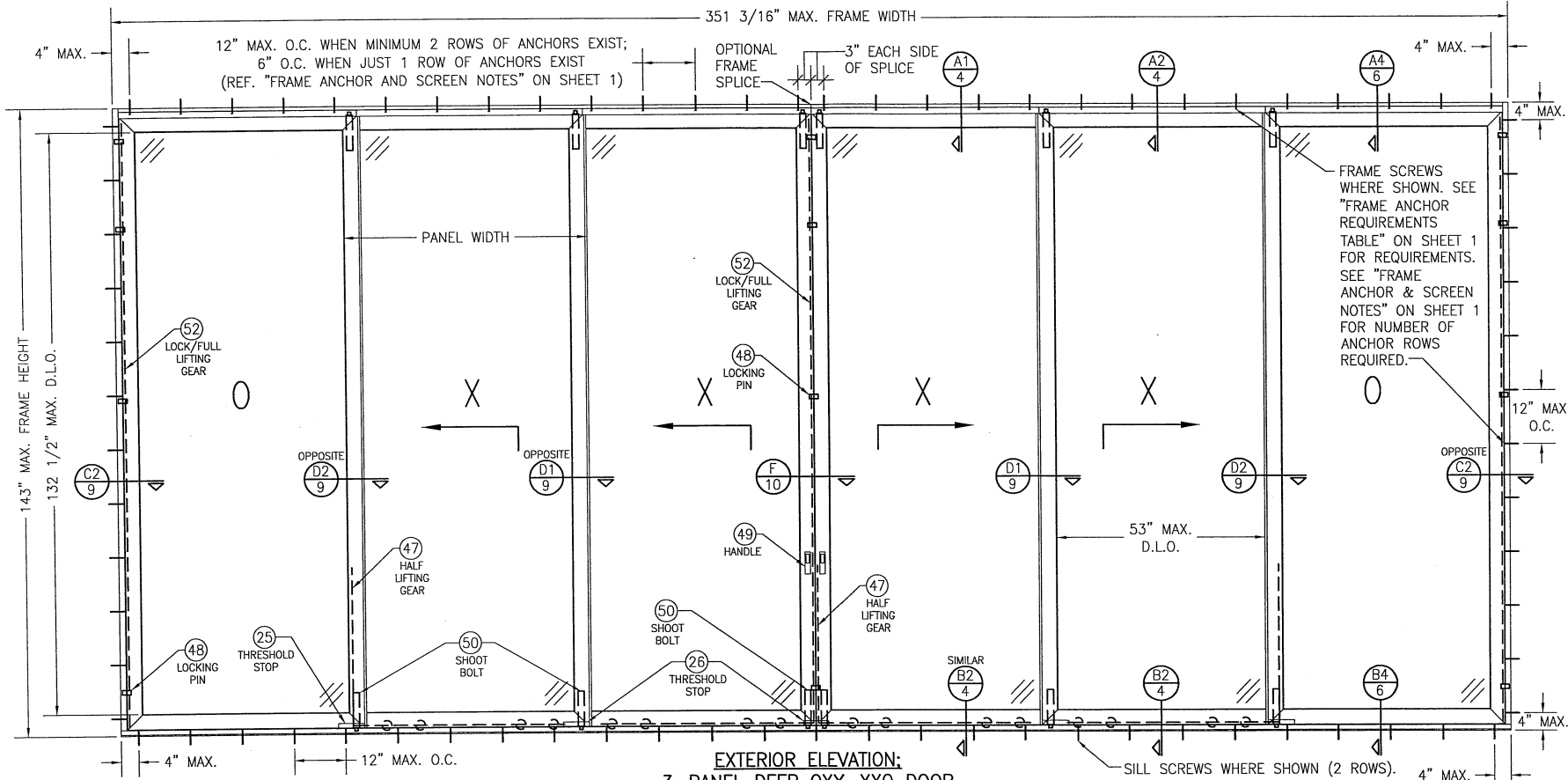
CMU & CONCRETE ARE NOT APPLICABLE SUBSTRATES FOR SUPPORT OF THE POCKET FRAME EDGE ANGLE.

ALLOWABLE DESIGN PRESSURE
(ALL DOOR CONDITIONS)

(1)SEE SHEET 2

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE REVISION 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.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 10/02/09	
NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATE TO CURRENT STANDARDS	W.R.M.	06/17/11
B1	UPDATE PER NEW TESTING	W.R.M.	06/05/11
C1	UPDATE TO CURRENT STANDARDS	W.W.S.	07/02/13
D1	ADDED SILL END SEALANT	W.W.S.	06/17/17
DRAWING TITLE: LIFT AND SLIDE IMPACT SLIDING GLASS DOOR MANUFACTURER: C.P. LOEWEN ENTERPRISES 77 HWY 52 WEST STEINBACH, MB CANADA R5G 1B2 204-326-6446 CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 WAREHOUSE: W. W. SCHAEFER, P.E. P.E. NO. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER No. 44135 THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE REVISION 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. SHEET NO. 1 OF 13			



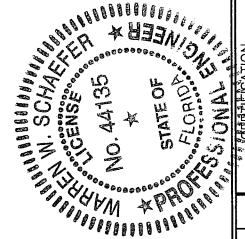
EXTERIOR ELEVATION:
3-PANEL DEEP OXX-XXO DOOR
SCALE: 1/2" = 1'-0"

ALLOWABLE DESIGN PRESSURE (ALL DOORS)					
MAXIMUM FRAME HEIGHT (IN.)	MAXIMUM PANEL WIDTH (IN.)	(1) ALLOWABLE PRESSURE (+/- PSF)	MAXIMUM FRAME HEIGHT (IN.)	MAXIMUM PANEL WIDTH (IN.)	(1) ALLOWABLE PRESSURE (+/- PSF)
143	60	50	120	60	59
	54	55		54	66
	48	62		51	70
	42	70		60	66
132	60	54	102	56	70
	54	60		60	70
	48	67			
	46	70			

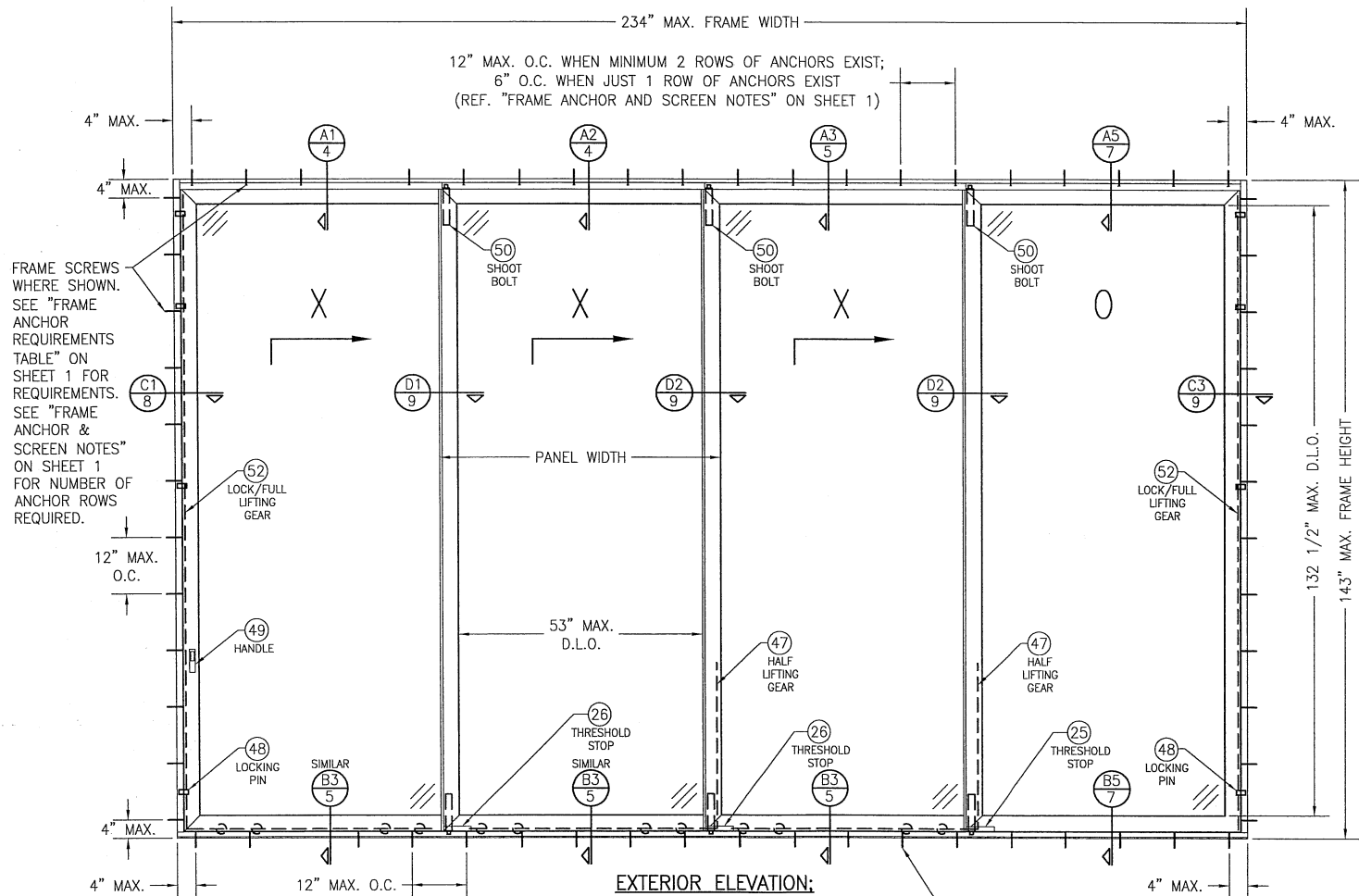
(1) SEE "RISER HEIGHT REQUIREMENTS" TABLE ON SHEET 11 FOR POSITIVE DESIGN PRESSURE RESTRICTIONS AS CONTROLLED BY SILL RISER HEIGHT.

FRAME SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS. SEE "FRAME ANCHOR & SCREEN NOTES" ON SHEET 1 FOR NUMBER OF ANCHOR ROWS REQUIRED.

SILL SCREWS WHERE SHOWN (2 ROWS). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.



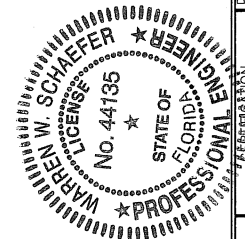
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PLOT: 1-24		DATE: 10/02/09	
DATE	BY	NO.	REVISION DESCRIPTION
DRAWING TITLE: LIFT AND SLIDE IMPACT SLIDING GLASS DOOR			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		JOB INFORMATION: C.P. LOWEN ENTERPRISES, 77 HWY 52 WEST, STEINBACH, MB CANADA R5G 1B2, 204-326-6446	
7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418, PHONE: 561-744-5424		WARREN W. SCHAEFER, P.E., P.E. NO. 44135	
DRAWING NO. 1684		REV. D	
SHEET NO. 2		OF 13	



FRAME SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS. SEE "FRAME ANCHOR & SCREEN NOTES" ON SHEET 1 FOR NUMBER OF ANCHOR ROWS REQUIRED.

EXTERIOR ELEVATION:
4-PANEL DEEP XXXO DOOR
 SCALE: 1/2" = 1'-0"

SILL SCREWS WHERE SHOWN (2 ROWS). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 10/02/09	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: LIFT AND SLIDE IMPACT SLIDING GLASS DOOR CONSULTANTS: C.P. LOEWEN ENTERPRISES W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 8809) 77 HWY 52 WEST STEINBACH, MB CANADA R5G 1B2 204-326-6446 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
AUG 17 2017 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO.	1684	REV.	D
SHEET NO.	3	OF	13

SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"

FRAME SCREW PER ELEVATION

1/2" MAX. SPACE
(JACKING SCREWS MUST
BE FULLY ENGAGED)

(20) JACKING SCREW

SEALANT & SELF-
SEALING/STICKING
MEMBRANE BY
OTHERS

(75)

(8A)

(1)

OPTIONAL WOOD OR ALUMINUM
JAMB EXTENSION

(56)

(14)

EXTERIOR

SECTION

SCALE: 1/2 FULL

(A1)
4

STILE/RAIL OPTION 1 IS SHOWN
WITH THESE SECTIONS. FOR
STILE/RAIL OPTION 2, SEE
GLAZING DETAILS ON SHEET 6.

SEE GLAZING
DETAILS ON
SHEET 6

FRAME HEIGHT

SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"

FRAME SCREWS PER ELEVATION

1/2" MAX. SPACE
(JACKING SCREWS MUST
BE FULLY ENGAGED)

(20) JACKING SCREW

SEALANT & SELF-
SEALING/STICKING
MEMBRANE BY
OTHERS

(75)

(2)

(1)

(56)

(10) (36)

(14)

EXTERIOR

SECTION

SCALE: 1/2 FULL

(A2)
4

(FOR DETAIL NOT SHOWN, SEE SECTION A1/4)

PERIMETER SEALANTS &
FINISHES SHALL BE AS
REQUIRED TO ACHIEVE A
WATER TIGHT SEAL
BETWEEN THE DOOR
FRAMING AND OPENING.

FRAME HEIGHT

SEE GLAZING
DETAIL ON
SHEET 6

EXTERIOR

(10) (36)

Ø3/8" DRAIN
HOLE AT 18"
O.C.

1/4" X 1"
DRAIN HOLE
AT 18" O.C.

(31)

(4)

(12)

(55)

(13)

(65)

(66)

SEALANT
BY
OTHERS

SILICONE

(3)

SUBSTRATE BY
OTHERS PER
"FRAME ANCHOR
REQUIREMENTS
TABLE"

SECTION

SCALE: 1/2 FULL

(B1)
4

SILL SCREWS
PER ELEVATION

1/2" MAX. LOAD BEARING
SHIM OR GROUT

SEALANT
BY
OTHERS

(6)

(31)

(4)

(26)

(65)

(12)

(13)

(76)

EXTERIOR

SECTION

SCALE: 1/2 FULL

(B2)
4

(FOR DETAIL NOT SHOWN, SEE SECTION B1/4)

1/2" MAX. LOAD BEARING
SHIM OR GROUT

FRAME HEIGHT

DRAWN BY: W.R.M. CHECKED BY: W.W.S.
PLOT: 1-2 DATE: 10/02/09

DATE	BY	REVISION DESCRIPTION	NO.

DRAWING TITLE
LIFT AND SLIDE IMPACT SLIDING GLASS DOOR

MANUFACTURER

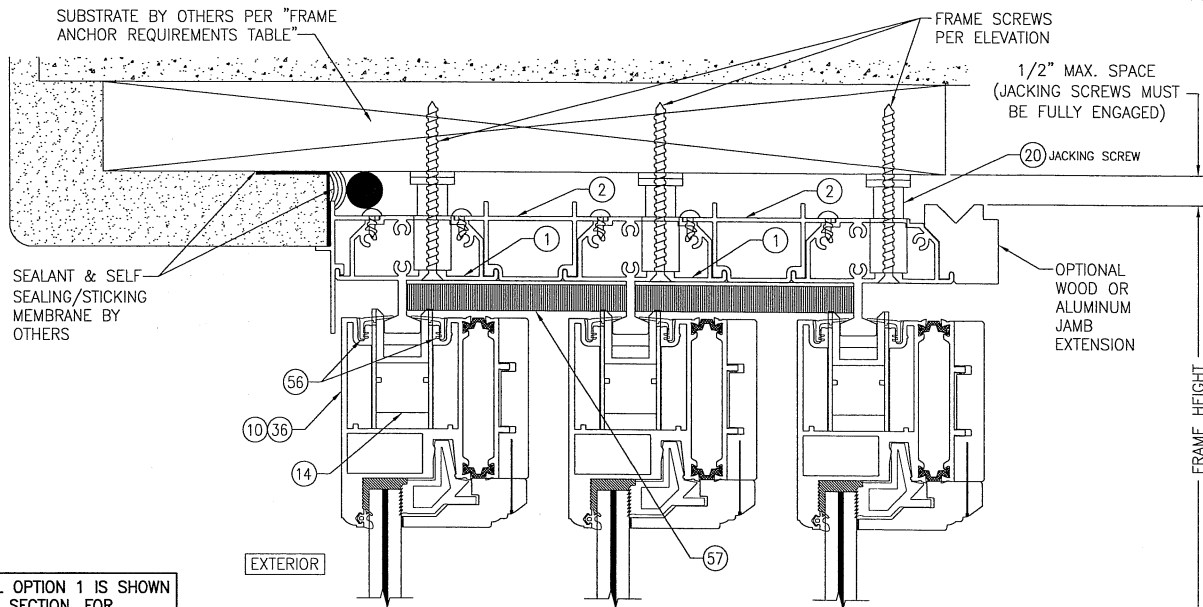
C.P. LOEWEN ENTERPRISES
77 HWY 52 WEST
STEINBACH, MB CANADA R5G 1B2
204-326-6446

CONSULTANTS

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

DATE: AUG 13 2009
DRAWING NO. 1684
SHEET NO. 4 OF 13

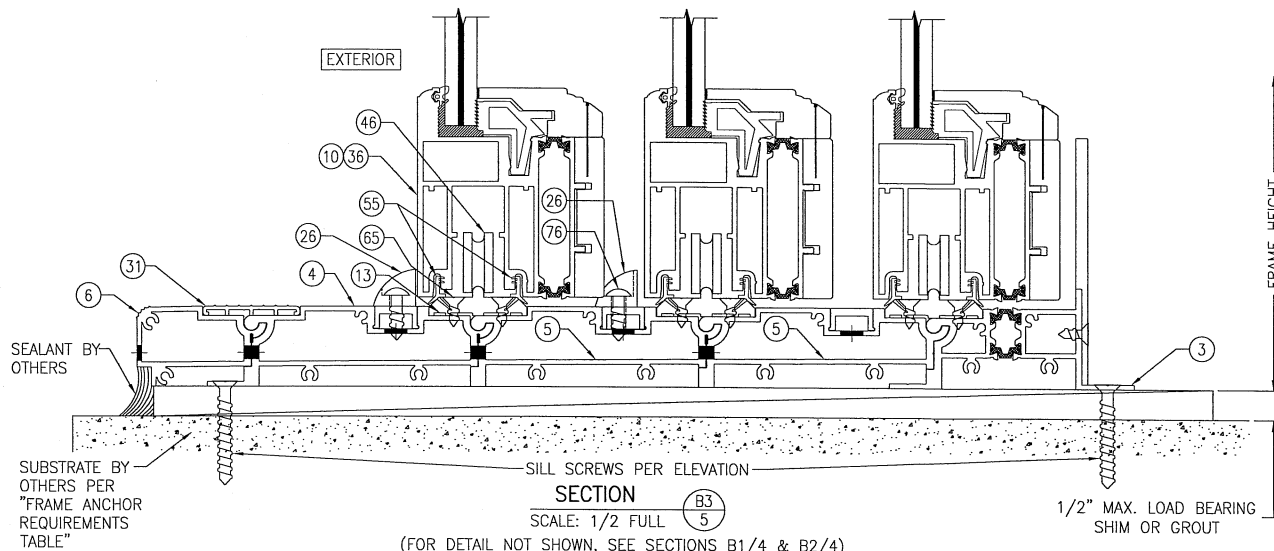




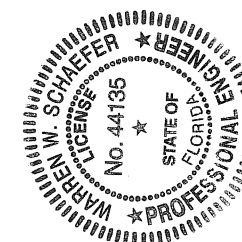
STILE/RAIL OPTION 1 IS SHOWN WITH THIS SECTION. FOR STILE/RAIL OPTION 2, SEE GLAZING DETAILS ON SHEET 6.

SECTION A3
SCALE: 1/2 FULL
(FOR DETAIL NOT SHOWN, SEE SECTIONS A1/4 & A2/4)

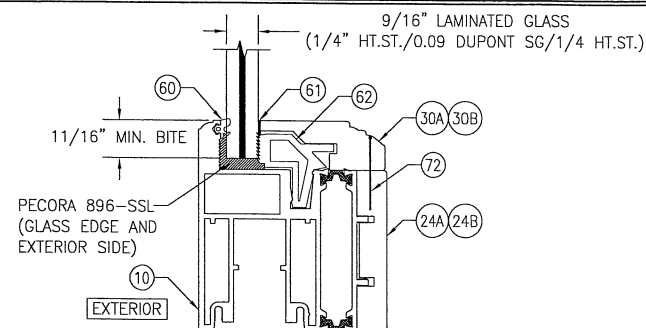
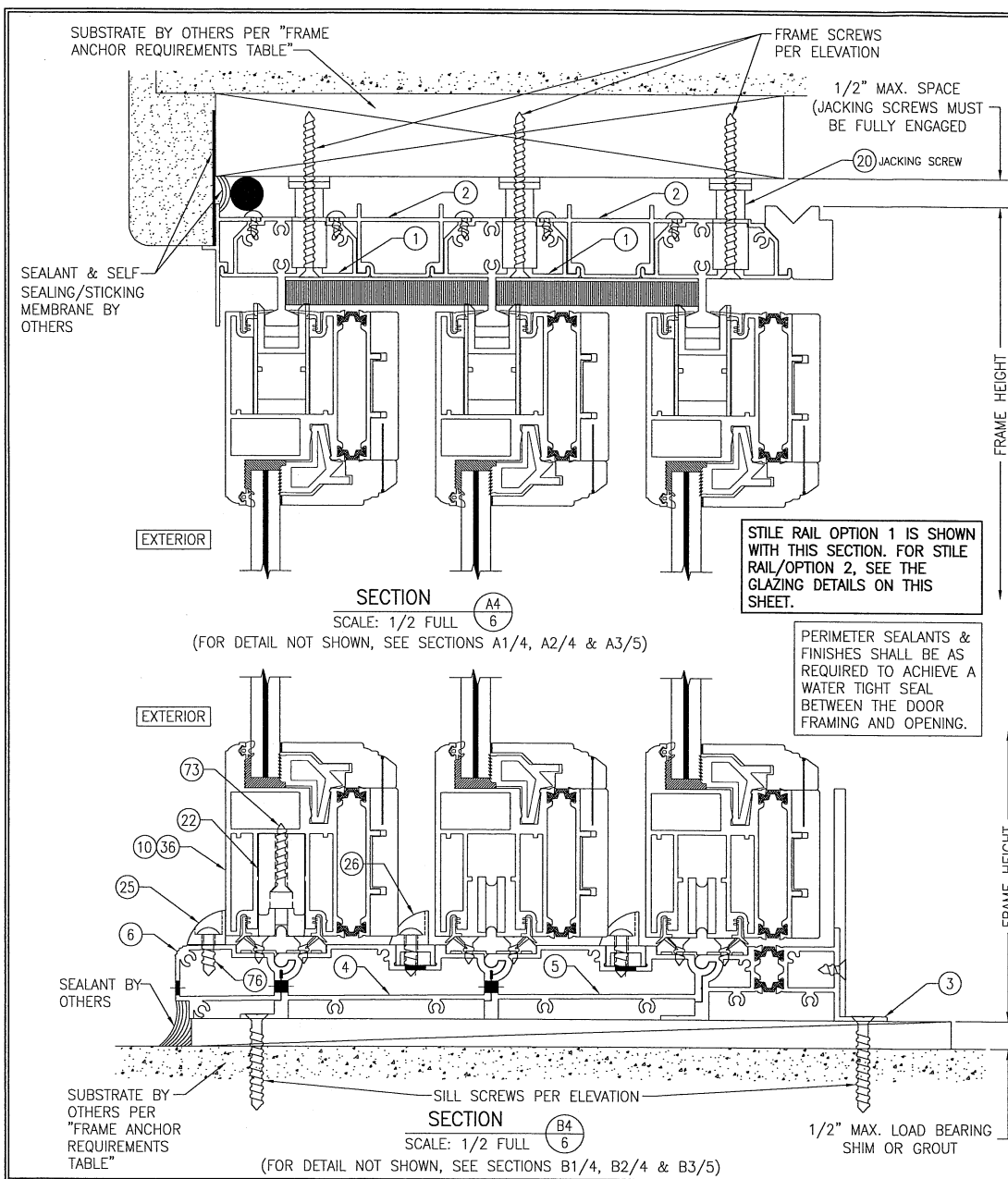
PERIMETER SEALANTS & FINISHES SHALL BE AS REQUIRED TO ACHIEVE A WATER TIGHT SEAL BETWEEN THE DOOR FRAMING AND OPENING.



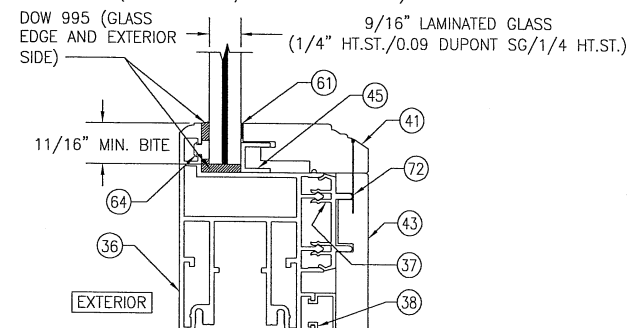
SECTION B3
SCALE: 1/2 FULL
(FOR DETAIL NOT SHOWN, SEE SECTIONS B1/4 & B2/4)



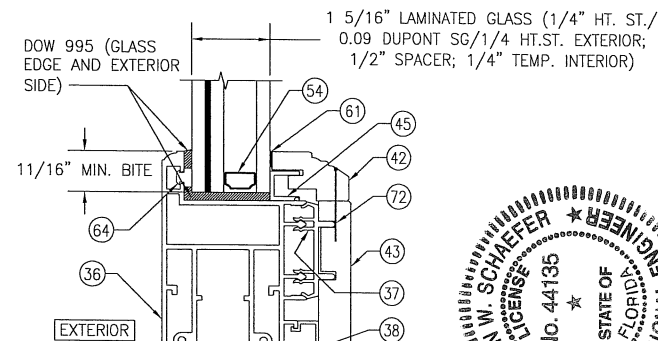
DRAWN BY: W.R.M.	CHECKED BY: W.S.S.
PLOT: 1=2	DATE: 10/02/09
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE LIFT AND SLIDE IMPACT SLIDING GLASS DOOR	
MANUFACTURER C.P. LOEWEN ENTERPRISES 77 HWY 52 WEST STEINBACH, MB CANADA R5G 1B2 204-326-6446	
CONSULTANTS W. W. SCHAEFFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION AUG 17 2017	REV. D
DRAWING NO. 1684	SHEET NO. 5 OF 13



TYPICAL MONOLITHIC GLAZING DETAIL
(WITH STILE/RAIL OPTION 1)



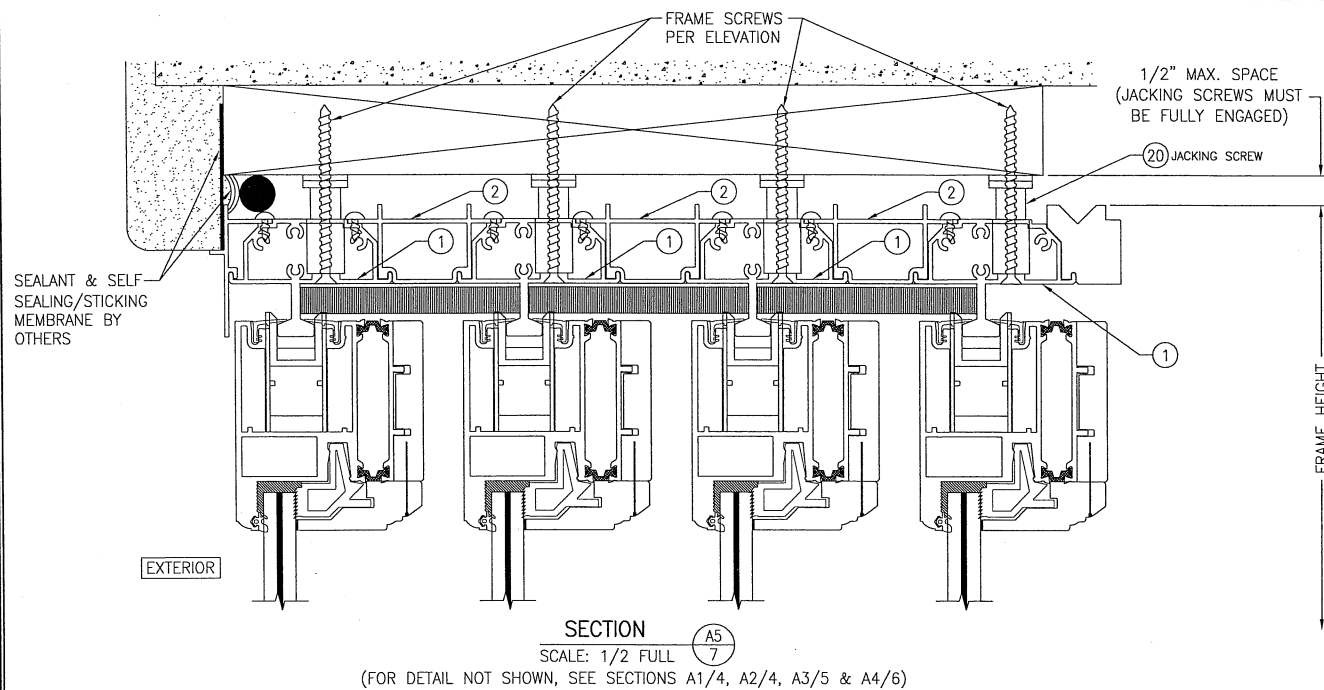
TYPICAL MONOLITHIC GLAZING DETAIL
(WITH STILE/RAIL OPTION 2)



TYPICAL I.G. GLAZING DETAIL
(WITH STILE/RAIL OPTION 2)

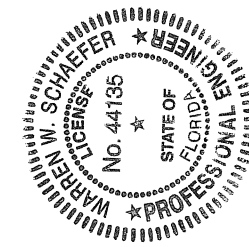
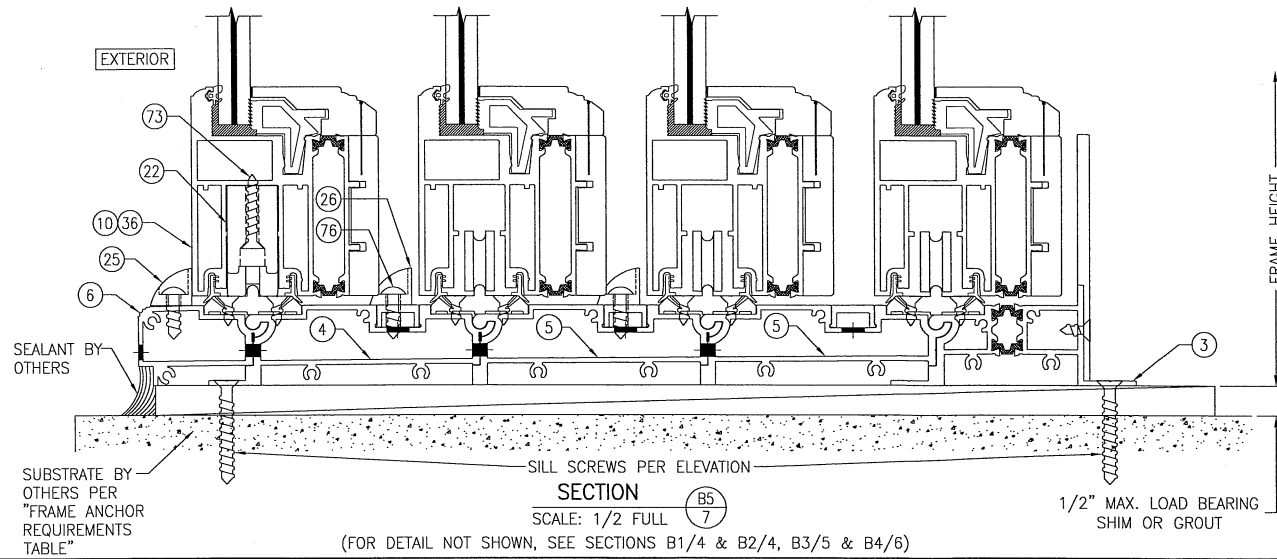


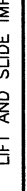
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 10/02/09
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE LIFT AND SLIDE IMPACT SLIDING GLASS DOOR	MANUFACTURER C.P. LOEWEN ENTERPRISES 77 HWY 52 WEST STEINBACH, MB CANADA R5G 1B2 204-326-6446
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION WARREN W. SCHAEFER No. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER	
DRAWING NO. 1684	REV. D
SHEET NO. 6	OF 13



STILE/RAIL OPTION 1 IS SHOWN WITH THIS SECTION. FOR STILE/RAIL OPTION 2, SEE GLAZING DETAILS ON SHEET 6.

PERIMETER SEALANTS & FINISHES SHALL BE AS REQUIRED TO ACHIEVE A WATER TIGHT SEAL BETWEEN THE DOOR FRAMING AND OPENING.



DRAWING NO. 1684		REV. D	
SHEET NO. 7 OF 13			
CERTIFICATION		DRAWING TITLE LIFT AND SLIDE IMPACT SLIDING GLASS DOOR	
 AUG 17 2017		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		MANUFACTURER C.P. LOEWEN ENTERPRISES 77 HWY 52 WEST STEINBACH, MB CANADA R5G 1B2 204-326-6446	
NO.		REVISION DESCRIPTION	
DATE		BY	
PLOT: 1=2		DRAWN BY: W.R.M.	
DATE: 10/02/09		CHECKED BY: W.W.S.	

SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"

FRAME SCREWS PER ELEVATION

SEE FRAME ANCHOR AND SCREEN NOTES ON SHEET 1 FOR SPECIAL SCREEN TRACK ANCHOR CONDITIONS.

1/2" MAX. SPACE (JACKING SCREWS MUST BE FULLY ENGAGED)

FRAME WIDTH

OPTIONAL WOOD OR ALUMINUM JAMB EXTENSION

SEE GLAZING DETAILS ON SHEET 6

SEALANT & SELF SEALING/STICKING MEMBRANE BY OTHERS

SECTION

SCALE: 1/2 FULL

C1
8

EXTERIOR

EXTERIOR

OPTIONAL SCREENS AS REQ'D BY LOEWEN

SCREEN CONDITION DETAIL

(FOR DETAIL NOT SHOWN, SEE SHEETS 4-7)
(SINGLE & DOUBLE ROW OF SCREENS APPLY)

STILE/RAIL OPTION 1 IS SHOWN WITH THESE SECTIONS. FOR STILE/RAIL OPTION 2, SEE GLAZING DETAILS ON SHEET 6.

PERIMETER SEALANTS & FINISHES SHALL BE AS REQUIRED TO ACHIEVE A WATER TIGHT SEAL BETWEEN THE DOOR FRAMING AND OPENING.

DRAWN BY: W.W.S.
CHECKED BY: W.W.S.
PLOT: 1-2
DATE: 10/02/09

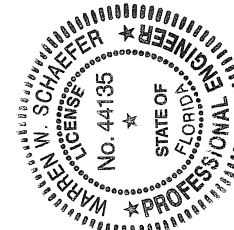
NO.	REVISION DESCRIPTION	DATE

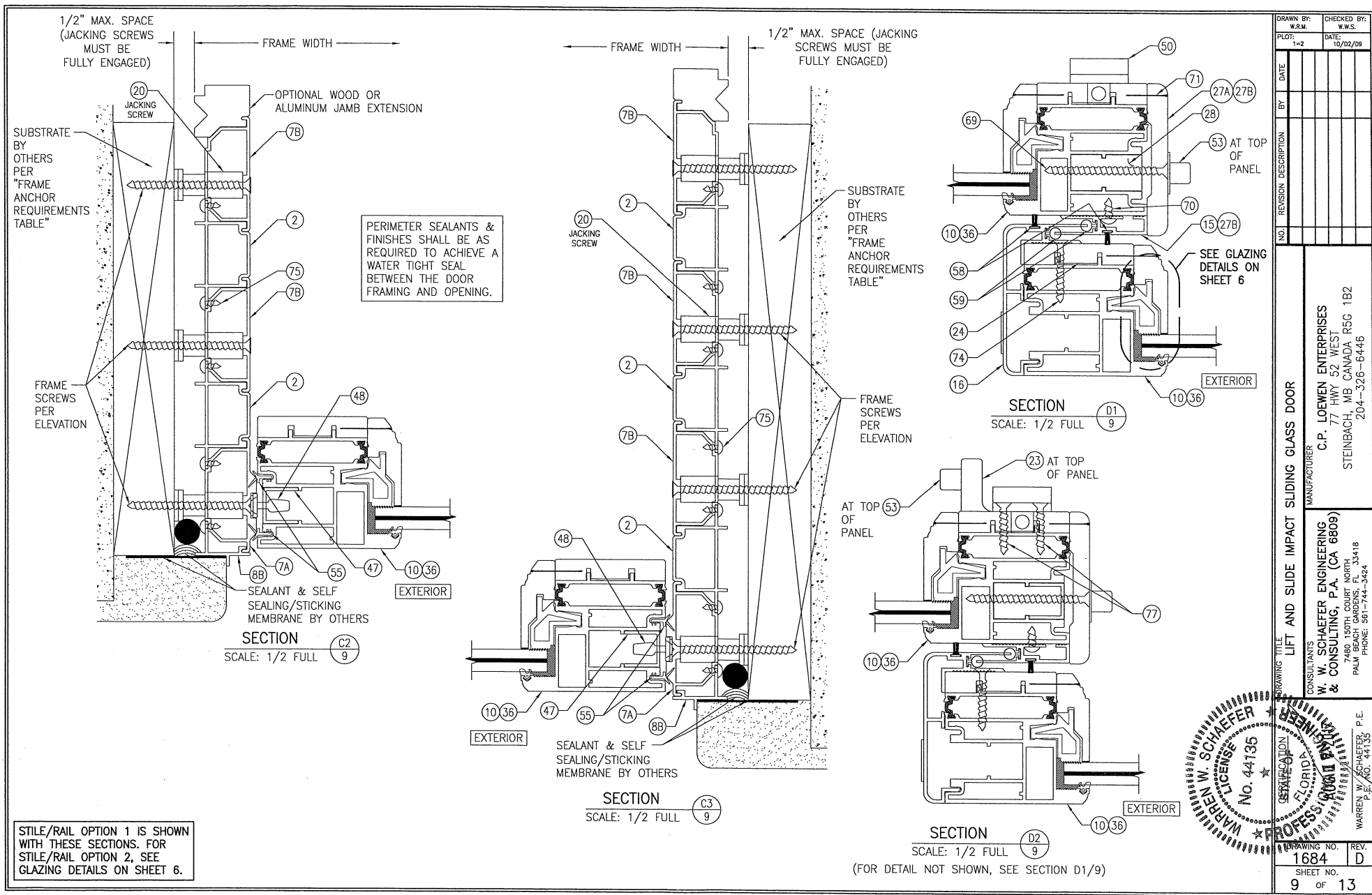
DRAWING TITLE: LIFT AND SLIDE IMPACT SLIDING GLASS DOOR
MANUFACTURER: C.P. LOEWEN ENTERPRISES
77 HWY. 52 WEST
STEINBACH, MB CANADA R5G 1B2
204-326-6446

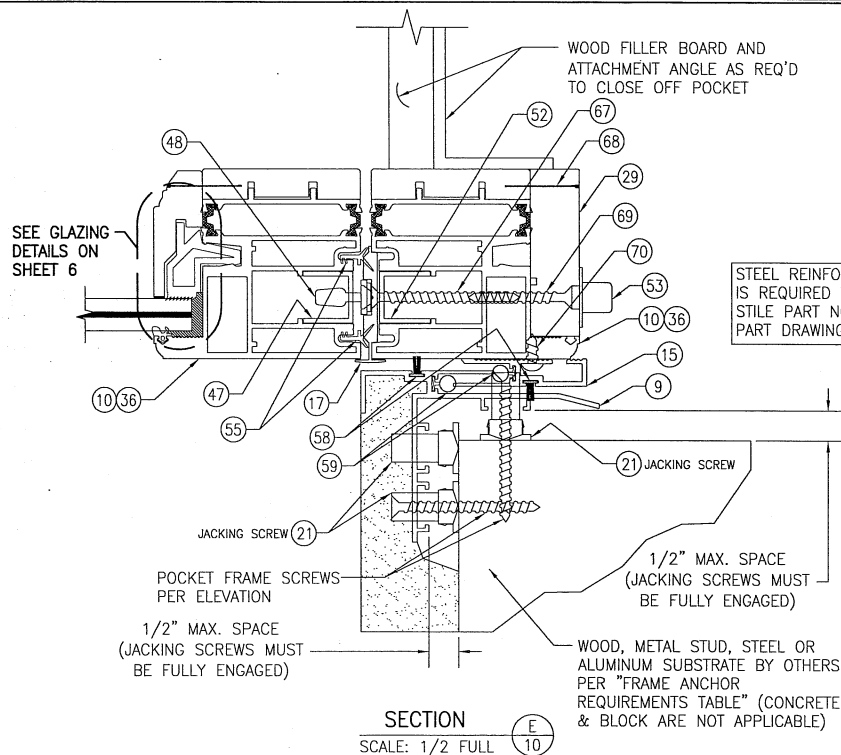
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH, 3418
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION: AUG 17 2017
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

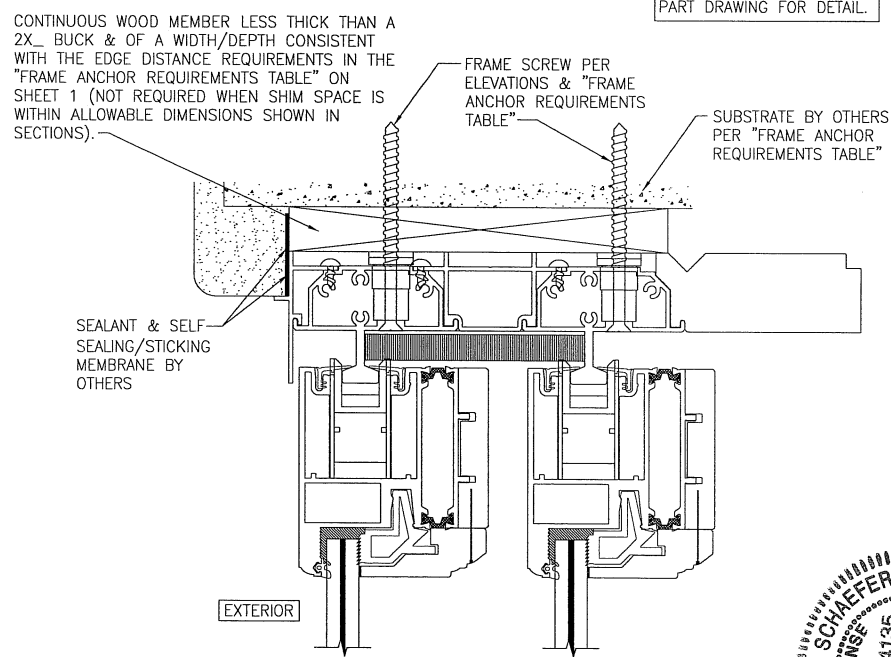
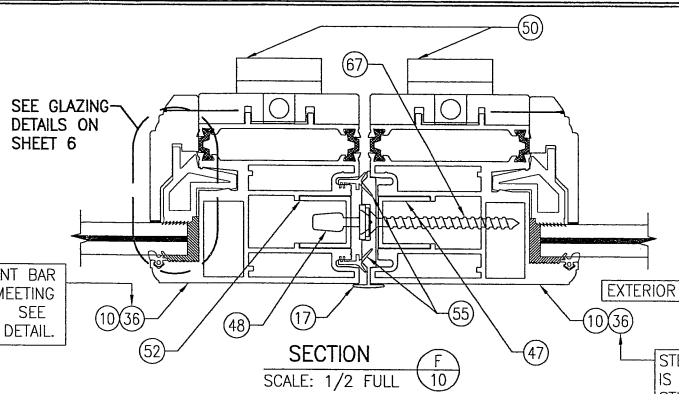
DRAWING NO. 1684
SHEET NO. 8 OF 13
REV. D







PERIMETER SEALANTS & FINISHES SHALL BE AS REQUIRED TO ACHIEVE A WATER TIGHT SEAL BETWEEN THE DOOR FRAMING AND OPENING.

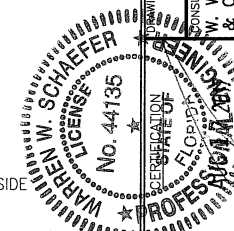


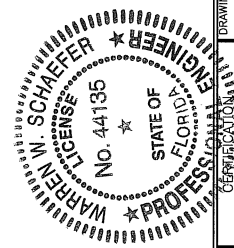
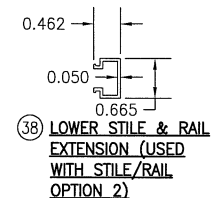
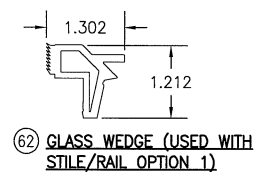
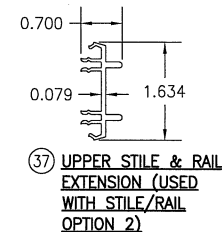
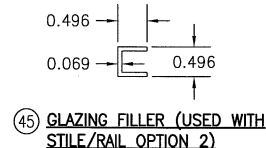
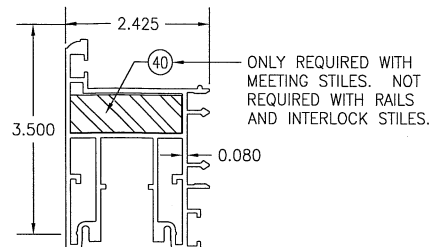
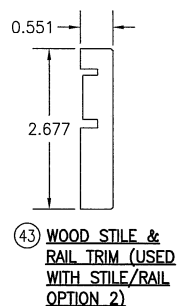
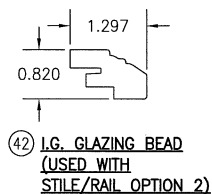
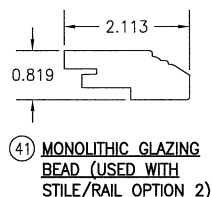
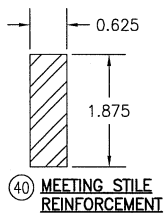
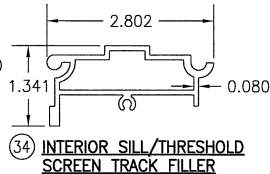
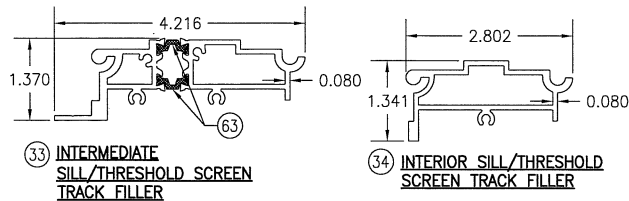
OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

(2-PANEL DEEP HEAD SECTION SHOWN; ALL OTHER HEAD, SILL & SIDE CONFIGURATIONS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

STILE/RAIL OPTION 1 IS SHOWN WITH THESE SECTIONS. FOR STILE/RAIL OPTION 2, SEE GLAZING DETAILS ON SHEET 6.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 10/02/99	
DATE			
BY			
REVISION DESCRIPTION			
NO.			
LIFT AND SLIDE IMPACT SLIDING GLASS DOOR			
MANUFACTURER			
C.P. LOEWEN ENTERPRISES			
77 HWY 52 WEST			
STEINBACH, MB CANADA R5G 1B2			
204-326-6446			
CONSULTANTS			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
7480 150TH COURT NORTH, SUITE 100			
PALM BEACH GARDENS, FL 33418			
PHONE: 561-744-3424			
DRAWING TITLE			
LIFT AND SLIDE IMPACT SLIDING GLASS DOOR			
CONSULTANTS			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
7480 150TH COURT NORTH, SUITE 100			
PALM BEACH GARDENS, FL 33418			
PHONE: 561-744-3424			
DRAWING NO.			
1684			
REV.			
D			
SHEET NO.			
10 OF 13			





DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 10/02/08	
NO.	REVISION DESCRIPTION	DATE	BY
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DRAWING NO.	REV.
1684	D
SHEET NO.	
12 OF 13	

