

GENERAL NOTES:

1. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. THESE NON-IMPACT RATED PRODUCT INSTALLATIONS ARE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
4. 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.
5. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
6. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS CERTIFIED & QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/OA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. PRODUCT ASSEMBLY IS NOT PART OF THIS DRAWING AND SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
7. CERTIFICATION OF THESE PRODUCT INSTALLATIONS SHALL BE CONSIDERED VOID IF ANY OF THE FOLLOWING APPLY: 1) PRODUCT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT. 2) PRODUCT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT. 3) IF CHANGES HAVE OCCURRED TO THE PRODUCT'S CERTIFICATION ENTITY'S CERTIFICATE THAT CAUSE THESE INSTALLATIONS TO BE INCORRECT OR INCONSISTENT WITH WHAT HAS BEEN TESTED.
8. THE LEAST DESIGN PRESSURE SPECIFIED EITHER IN THIS DRAWING OR IN THE PRODUCTS CERTIFICATION SHALL CONTROL FOR THE INSTALLED PRODUCT.
9. THESE DRAWINGS CERTIFY THE PRODUCT INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED PRODUCT IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER &/OR INSTALLER.

INSTALLATION EVALUATION IS BASED ON APPLICABLE ANCHOR STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THE 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 THE REFERENCED PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE INSTALLATION EVALUATION ENGINEER OF RECORD THAT THE INSTALLATIONS SPECIFIED HERE-IN ARE CURRENT WITH THE THEN CURRENT TESTING, CODE AND APPLICABLE STANDARDS.

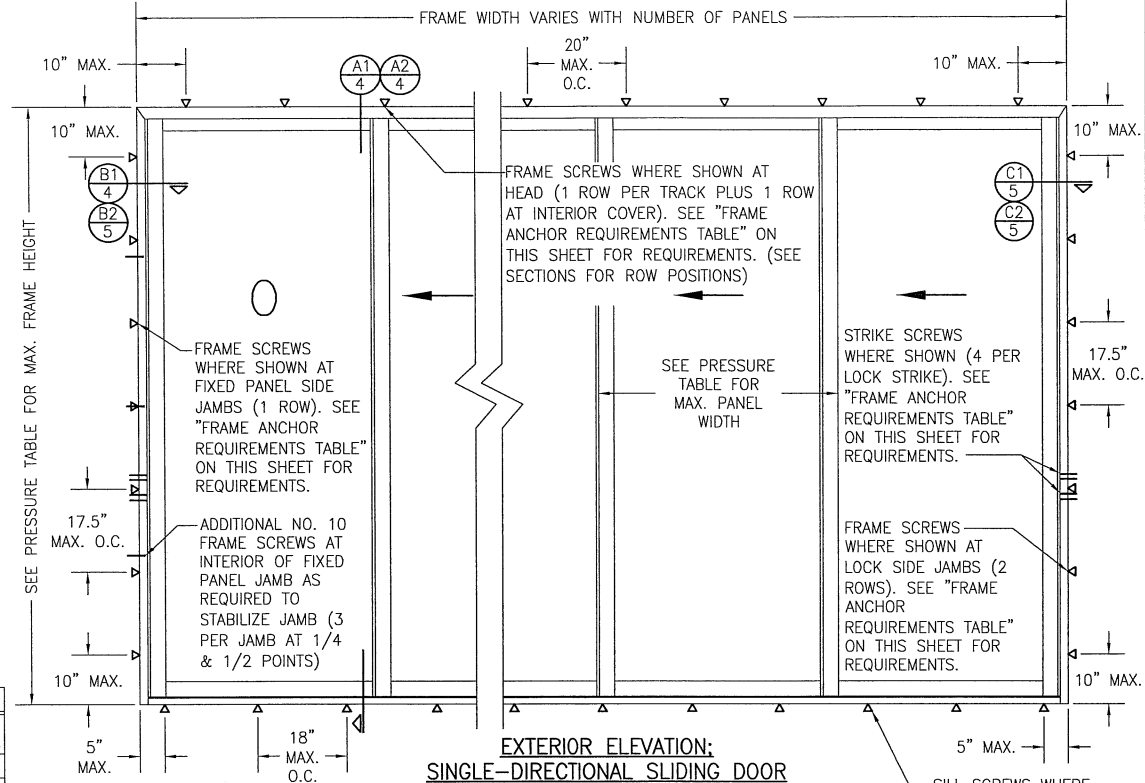
ANCHOR/SUBSTRATE EVALUATION NOTE:

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 ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME & SILL SCREWS			
(2) MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 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 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"
POCKET INTERLOCK SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/2"	3/4"
MIN. 18 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"
LOCK STRIKE SCREWS			
(2) MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 1/4"	3/4"
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"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 3/16" 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.).
- (2) DEPTH OF 2X_ BUCKS/FRAMING SHALL BE AS REQUIRED TO MEET ANCHOR EDGE DISTANCE REQUIREMENTS



EXTERIOR ELEVATION: SINGLE-DIRECTIONAL SLIDING DOOR

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

NUMBER OF PANELS IS 2 OR MORE AND SHALL BE AS RESTRICTED BY THE DOOR'S CERTIFICATION AND APPROVAL LISTINGS.

ALLOWABLE DESIGN PRESSURE (SINGLE-DIRECTIONAL SLIDING DOOR)

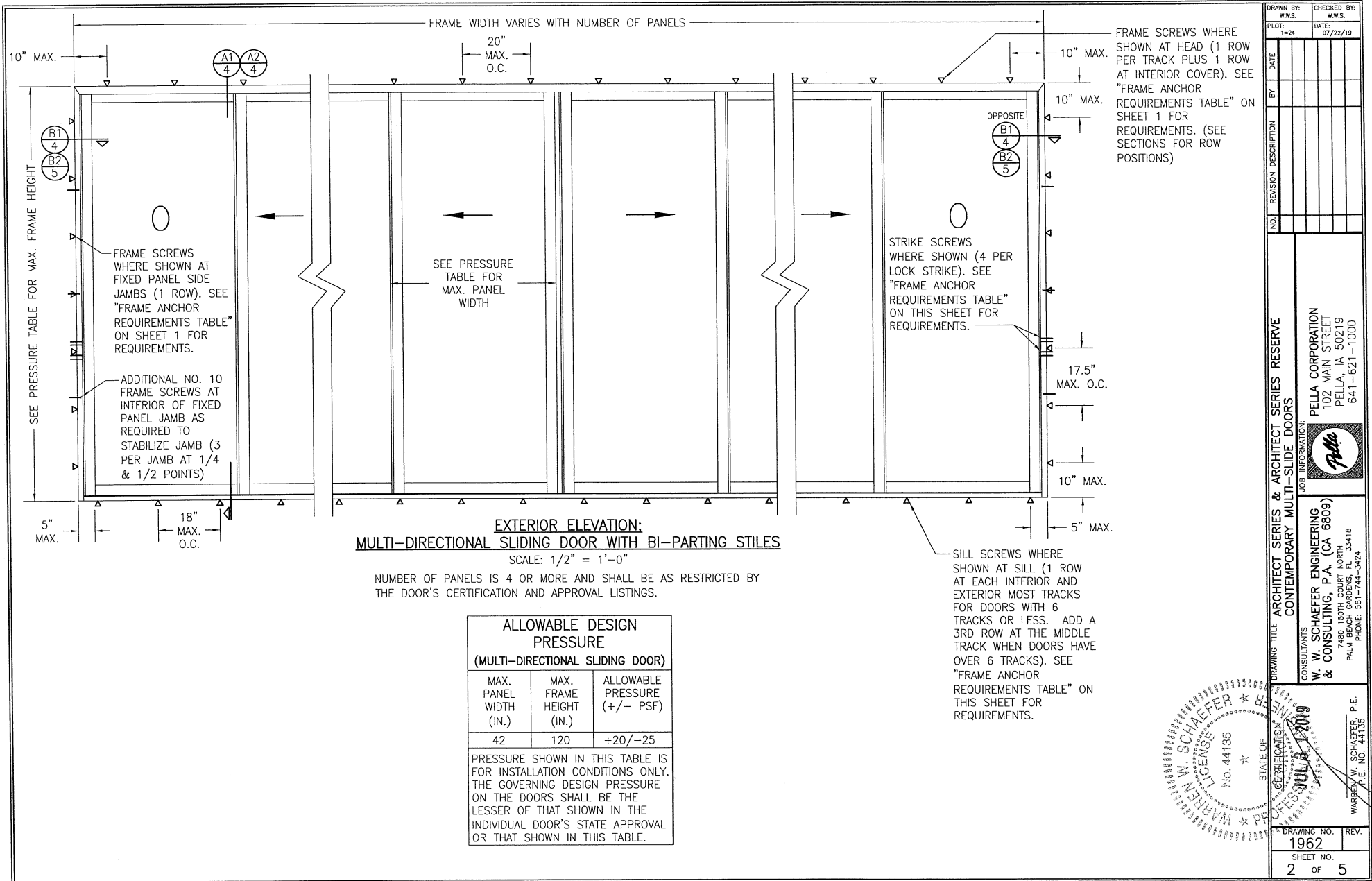
MAX. PANEL WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (+/- PSF)
50	120	35
60	96	45

PRESSURE SHOWN IN THIS TABLE IS FOR INSTALLATION CONDITIONS ONLY. THE GOVERNING DESIGN PRESSURE ON THE DOORS SHALL BE THE LESSER OF THAT SHOWN IN THE INDIVIDUAL DOOR'S STATE APPROVAL OR THAT SHOWN IN THIS TABLE.

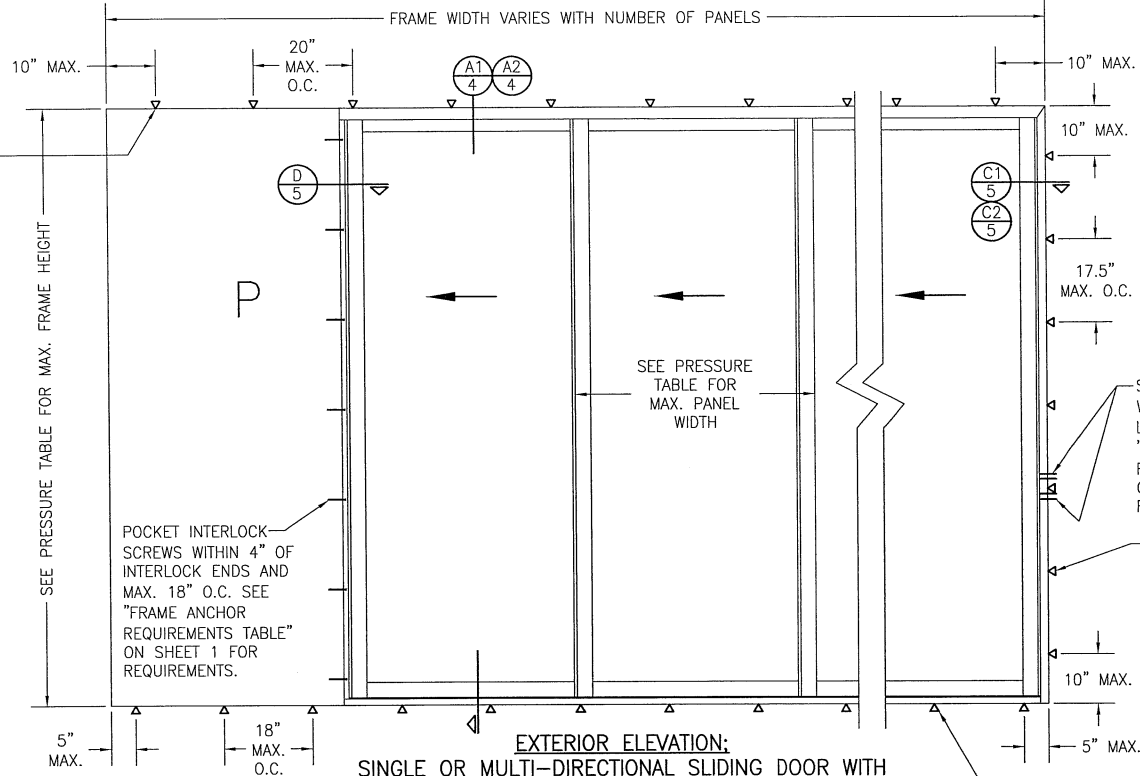
SILL SCREWS WHERE SHOWN AT SILL (1 ROW AT EACH INTERIOR AND EXTERIOR MOST TRACKS FOR DOORS WITH 6 TRACKS OR LESS. ADD A 3RD ROW AT THE MIDDLE TRACK WHEN DOORS HAVE OVER 6 TRACKS). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

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: 1-24		DATE: 07/22/19	
DATE	BY	REVISION	DESCRIPTION
ARCHITECT SERIES & ARCHITECT SERIES RESERVE CONTEMPORARY MULTI-SLIDE DOORS			
PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
DRAWING TITLE ARCHITECT SERIES & ARCHITECT SERIES RESERVE CONTEMPORARY MULTI-SLIDE DOORS			
DATE 07/22/19			
DESIGNER W. W. SCHAEFER			
CHECKED BY W. W. SCHAEFER			
DATE 07/22/19			
PROJECT NO. 1962			
SHEET NO. 1 OF 5			



FRAME SCREWS WHERE SHOWN AT HEAD (1 ROW PER TRACK PLUS 1 ROW AT INTERIOR COVER). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS. (SEE SECTIONS FOR ROW POSITIONS)



EXTERIOR ELEVATION:
SINGLE OR MULTI-DIRECTIONAL SLIDING DOOR WITH
POCKET(S)
SCALE: 1/2" = 1'-0"

* NUMBER OF PANELS IS ONE(1) OR MORE AND SHALL BE AS RESTRICTED BY THE DOOR'S CERTIFICATION AND APPROVAL LISTINGS.
* SINGLE-DIRECTIONAL DOOR IS SHOWN. MULTI-DIRECTIONAL WITH BI-PARTING STILES ALSO APPLIES.

ALLOWABLE DESIGN PRESSURE (SINGLE-DIRECTIONAL SLIDING DOOR WITH POCKET)		
MAX. PANEL WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (+/- PSF)
60	120	40
60	96	45

PRESSURE SHOWN IN THIS TABLE IS FOR INSTALLATION CONDITIONS ONLY. THE GOVERNING DESIGN PRESSURE ON THE DOORS SHALL BE THE LESSER OF THAT SHOWN IN THE INDIVIDUAL DOOR'S STATE APPROVAL OR THAT SHOWN IN THIS TABLE.

ALLOWABLE DESIGN PRESSURE (MULTI-DIRECTIONAL SLIDING DOOR WITH BI-PARTING STILES & POCKET)		
MAX. PANEL WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (+/- PSF)
42	120	+20/-25

PRESSURE SHOWN IN THIS TABLE IS FOR INSTALLATION CONDITIONS ONLY. THE GOVERNING DESIGN PRESSURE ON THE DOORS SHALL BE THE LESSER OF THAT SHOWN IN THE INDIVIDUAL DOOR'S STATE APPROVAL OR THAT SHOWN IN THIS TABLE.

STRIKE SCREWS WHERE SHOWN (4 PER LOCK STRIKE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

FRAME SCREWS WHERE SHOWN AT LOCK SIDE JAMBS (2 ROWS). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.

SILL SCREWS WHERE SHOWN AT SILL (1 ROW AT EACH INTERIOR AND EXTERIOR MOST TRACKS FOR DOORS WITH 6 TRACKS OR LESS. ADD A 3RD ROW AT THE MIDDLE TRACK WHEN DOORS HAVE OVER 6 TRACKS). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

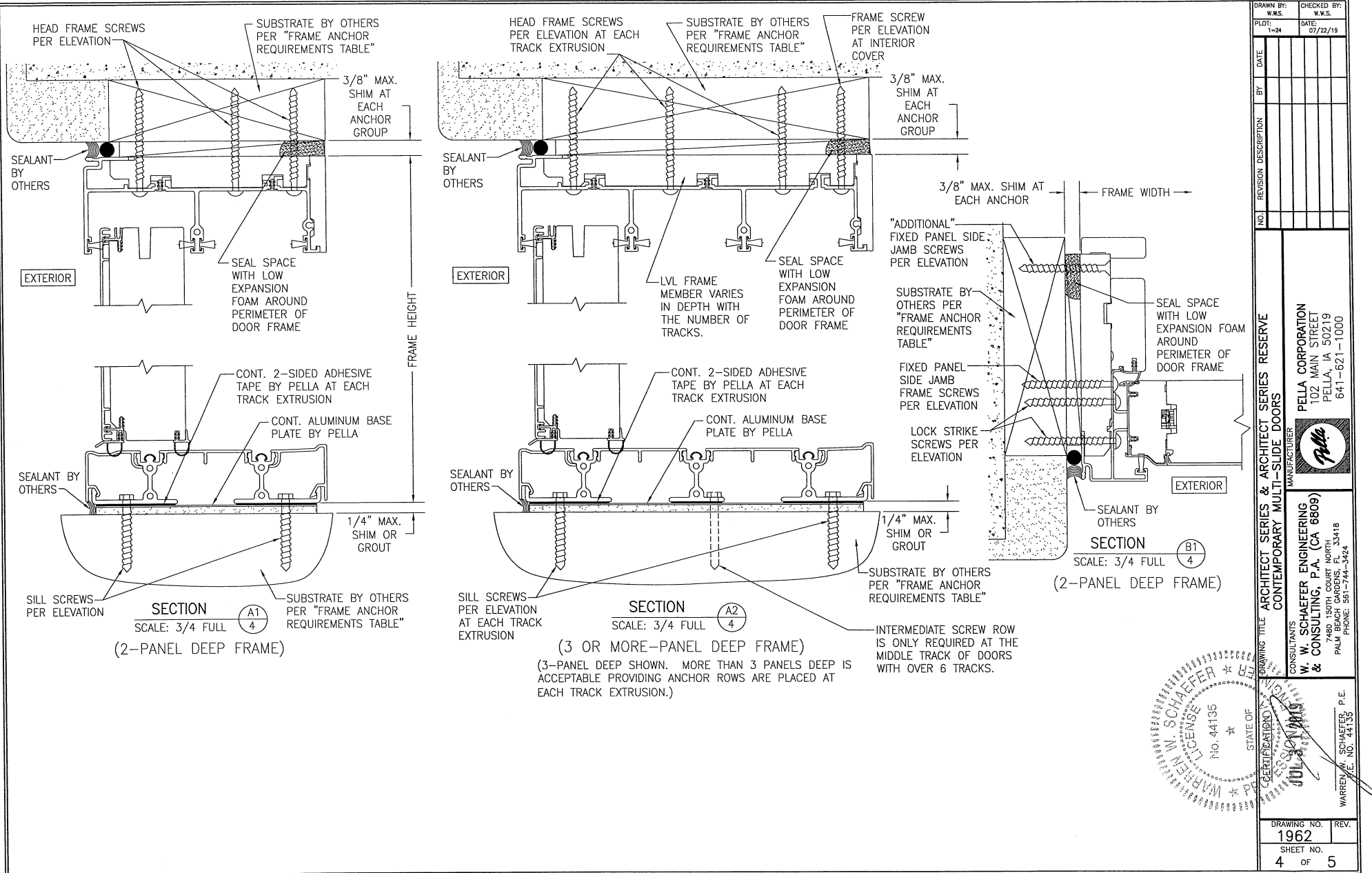
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PLOT:	1-24	DATE:	07/22/19
DATE			
BY			
REVISION DESCRIPTION			
NO.			

ARCHITECT SERIES & ARCHITECT SERIES RESERVE	PELLA CORPORATION
CONTEMPORARY MULTI-SLIDE DOORS	102 MAIN STREET
	PELLA, IA 50219
	641-621-1000
CONSULTANTS	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	
7480 150TH COURT NORTH	
PALM BEACH GARDENS, FL 33418	
PHONE: 561-744-3424	

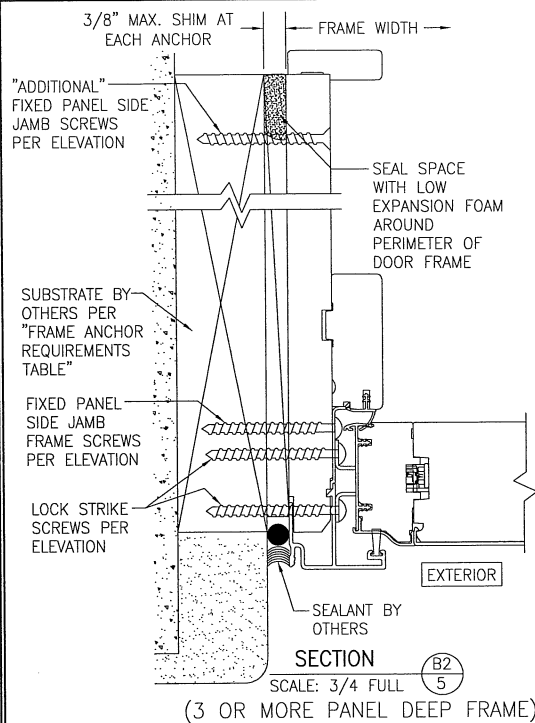
DRAWING TITLE	ARCHITECT SERIES & ARCHITECT SERIES RESERVE
CONTEMPORARY MULTI-SLIDE DOORS	
CONSULTANTS	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	
7480 150TH COURT NORTH	
PALM BEACH GARDENS, FL 33418	
PHONE: 561-744-3424	

CERTIFICATION	FLORIDA
PROFESSIONAL	
W. W. SCHAEFER	
No. 44135	
WARREN J. SCHAEFER	
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NO. 44135	

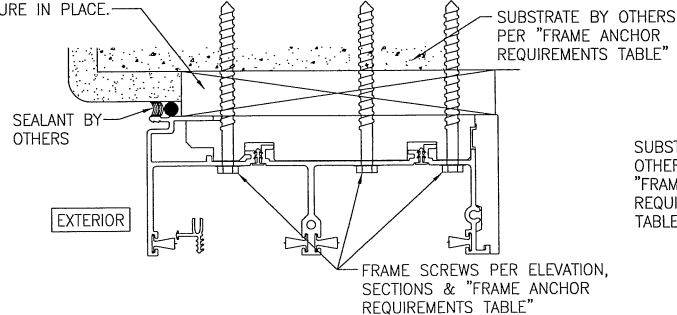
DRAWING NO.	1962
SHEET NO.	3 OF 5



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PLT: 1-24	DATE: 07/22/15
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE ARCHITECT SERIES & ARCHITECT SERIES RESERVE CONTEMPORARY MULTI-SLIDE DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH SUITE 118 PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
DRAWING NO. 1962 SHEET NO. 4 OF 5	

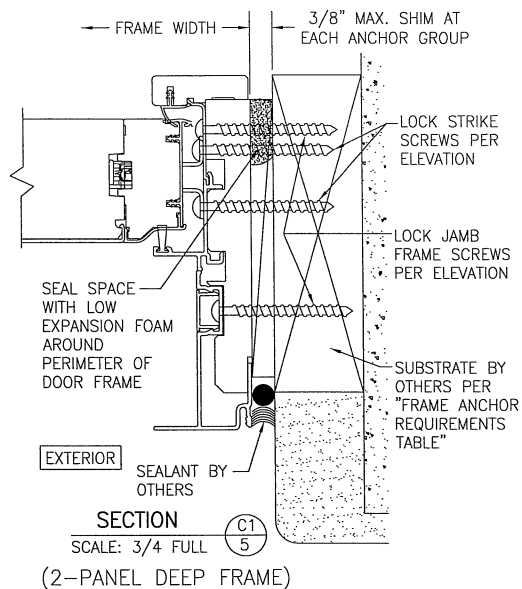


CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X₄ BUCK TO BE OF A DEPTH THAT ALLOWS FOR ALL FRAME SCREWS TO BE MINIMUM 3/4" INSIDE OF THE MEMBER'S EDGE (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS). NAIL OR SCREW TO SUBSTRATE AS REQUIRED TO POSITION AND SECURE IN PLACE.

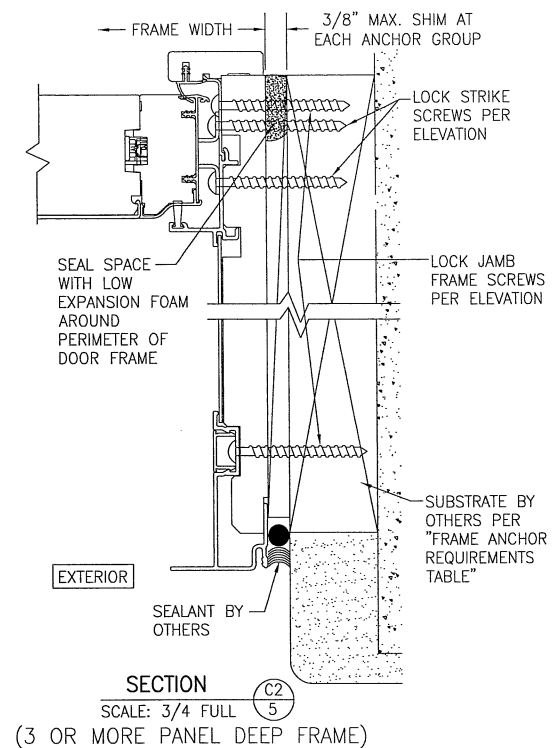
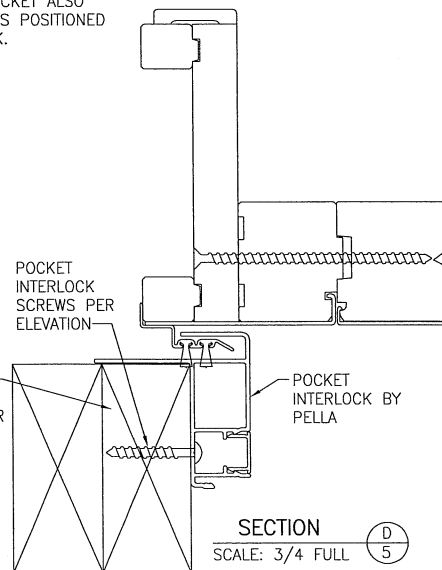


OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

(HEAD SECTION SHOWN; SILL & SIDES MAY BE INSTALLED IN THE SAME MANNER)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



NOTE: SINGLE PANEL WITH POCKET ALSO APPLIES EXCEPT THE PANEL IS POSITIONED IN THE EXTERIOR MOST TRACK.



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PLOT: 1-24	DATE: 07/22/18
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REVISION	DESCRIPTION
NO.	
DRAWING TITLE ARCHITECT SERIES & ARCHITECT SERIES RESERVE CONTEMPORARY MULTI-SLIDE DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALLAS, CA 94468 PHONE: 951-744-5424	
MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
STATE OF CALIFORNIA LICENSE NO. 44135 W. W. SCHAEFER P.E. NO. 44135	
DRAWING NO. 1962	REV. 5
SHEET NO. 5	OF 5