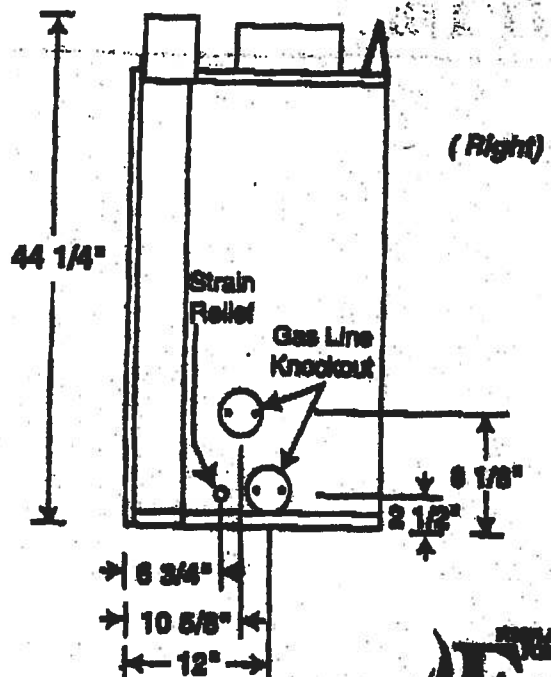
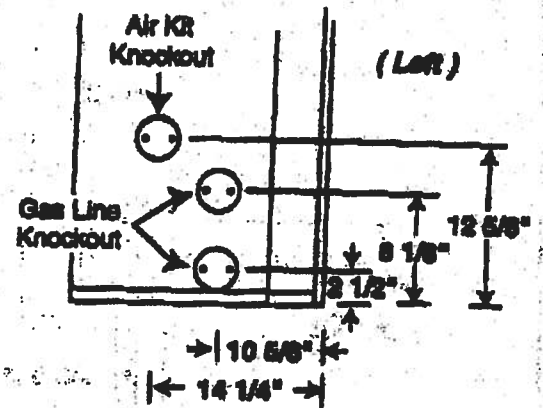
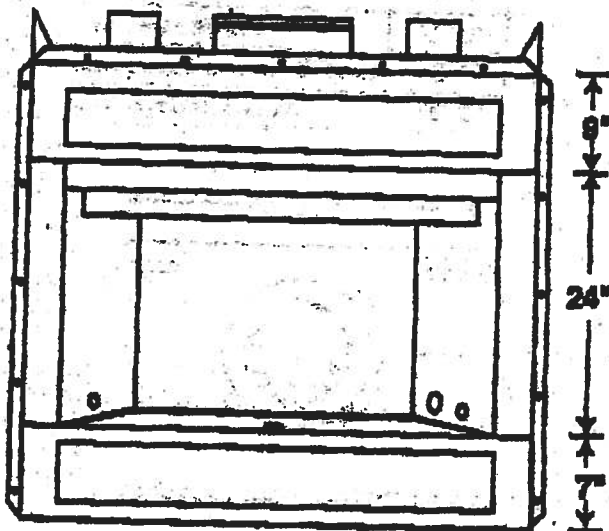
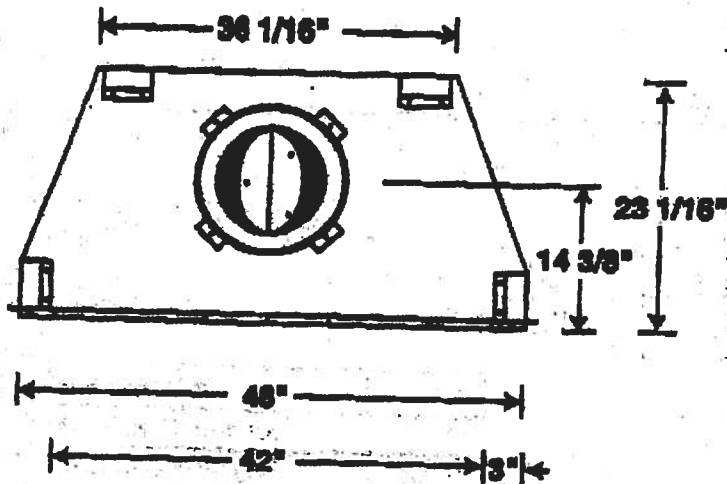
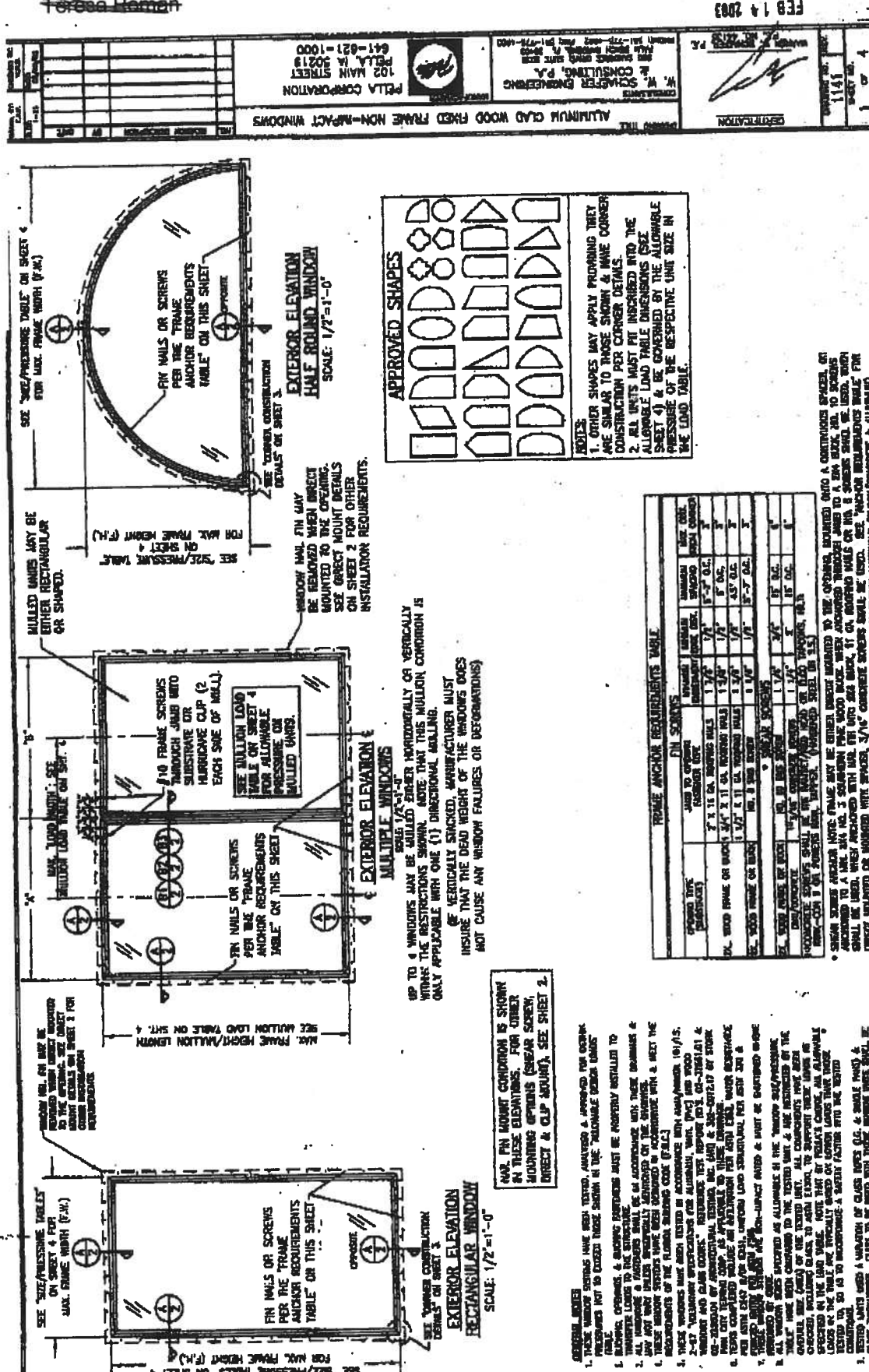


Craftsman

42" Woodburning Fireplace

Vent Pipe Size	10"
Min. Pipe Clearance	1"
Min. System Height	14' 6"
- w/ Single Offset	14' 6"
- w/ Two Offsets	22' 0"
Max. Dist. Between Elbows	6' 0"
Max. System Height	50' 0"





MAX. FIN MOUNT COMMON IS SHOWN IN THESE ELEVATIONS. FOR OTHER MOUNTING OPTIONS (SHEAR SCREW, DIRECT & CLIP MOUNT), SEE SHEET 2.

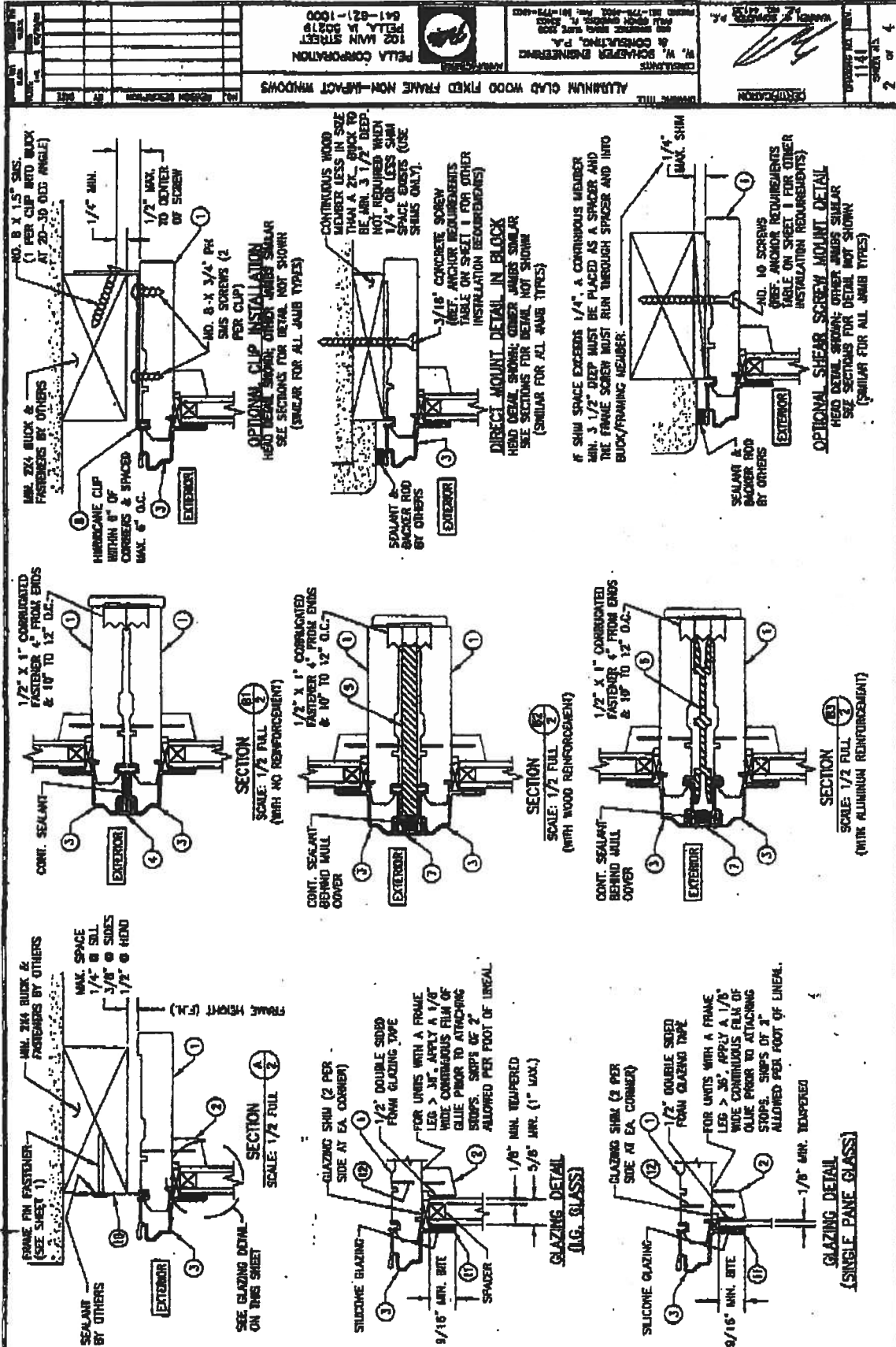
- GENERAL NOTES**
1. THESE WINDOW ELEVATIONS HAVE BEEN TESTED, ANALYZED & APPROVED FOR USE IN THESE ELEVATIONS. FOR OTHER MOUNTING OPTIONS (SHEAR SCREW, DIRECT & CLIP MOUNT), SEE SHEET 2.
 2. ALL WINDOW UNITS MUST BE PROPERLY INSTALLED TO THE OPENING. SEE SHEET 2 FOR OTHER INSTALLATION REQUIREMENTS.
 3. THESE WINDOW UNITS MUST BE PROPERLY INSTALLED TO THE OPENING. SEE SHEET 2 FOR OTHER INSTALLATION REQUIREMENTS.
 4. THESE WINDOW UNITS MUST BE PROPERLY INSTALLED TO THE OPENING. SEE SHEET 2 FOR OTHER INSTALLATION REQUIREMENTS.
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 9. THESE WINDOW UNITS MUST BE PROPERLY INSTALLED TO THE OPENING. SEE SHEET 2 FOR OTHER INSTALLATION REQUIREMENTS.
 10. THESE WINDOW UNITS MUST BE PROPERLY INSTALLED TO THE OPENING. SEE SHEET 2 FOR OTHER INSTALLATION REQUIREMENTS.

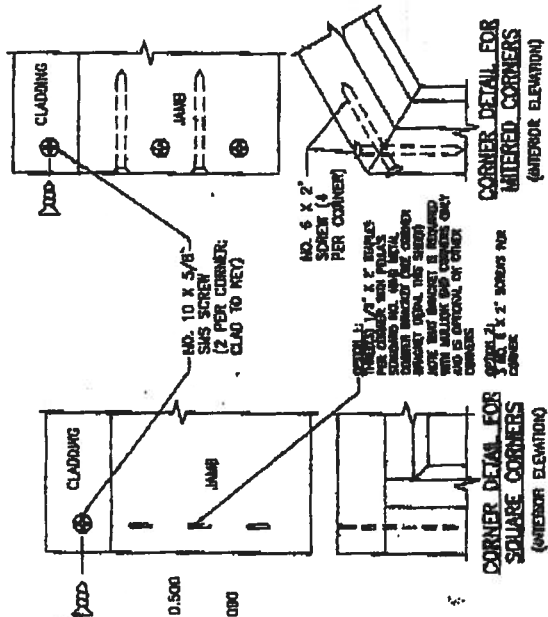
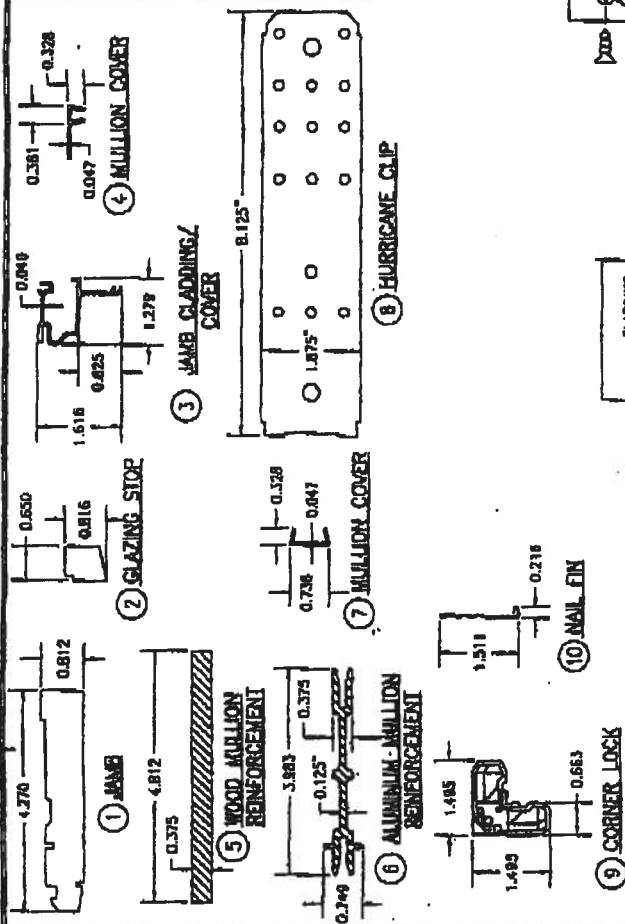
ALL WINDOW UNITS MUST BE PROPERLY INSTALLED TO THE OPENING. SEE SHEET 2 FOR OTHER INSTALLATION REQUIREMENTS.

FEB 14 2003

Forcea Roman

Teresa Roman





ITEM #	ITEM DESCRIPTION	PARTS	MANUFACTURER/NOTES	DATE			
				LAB	DATE	TIME	BY
1	ANUB		• PONDROSA SUGAR PINE				
2	GLAZING STOP		• PONDROSA SUGAR PINE				
3	JAMB CLADDING		6063-T6 ALUMINUM				
4	JAMB COVER		6063-T6 ALUMINUM (CONT.)				
5	WOOD MILLION REINFORCEMENT		SOUTHERN PINE				
6	ALUMINUM MILLION REINFORCEMENT		6063-T6 OR 1/8" WALL				
7	ALUMINUM COVER		6063-T6 ALUMINUM (CONTINUOUS)				
8	HURRICANE CLIP		1/4" X 1/2" X 3/4" GALV. STEEL				
9	CORNER LOCK		ALUMINUM				
10	NAIL FIN		60255 ALUMINUM				
11	BULB CASSET		SEALS & SEALANTS				
12	1/4" X 1/8" X 3/4" GALV. STEEL		MISCELLANEOUS FIXTURES				
13	1/4" X 1/8" X 3/4" GALV. STEEL		WITHIN 2" OF CORNERS & 6" (4" X 1/2")				

* WOOD USED WITH TEST UNITS WAS SELECT WESTERN PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS UNF. GRADE 2 HAWAIIAN. SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CEDRUS.

ALUMINUM CLAD WOOD FIXED FRAME NON-IMPACT WINDOWS

ELTA CORPORATION
102 MAIN STREET
PELLE, VA 20219
641-621-1000

A. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
800 PARKWAY DRIVE SUITE 200
PARK RIDGE GARDENS, N. J. 07656
PHONE: 908-778-4002 FAX: 908-778-4903

FEB 14 2003

ALLOWABLE SIZE & DESIGN PRESSURE TABLE FOR WINDOWS USING 1/8" SINGLE PANE TEMPERED GLASS WITH MIN. LG. GLASS WITH MIN. 1/8" TEMPERED PANES OR SINGLE PANE 1/4" TEMPERED GLASS

WINDUW DIMENSION (IN.)	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
DESIGN PRESSURE (PSF)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

ALLOWABLE SIZE & DESIGN PRESSURE TABLE FOR WINDOWS USING MIN. 1/8" SINGLE PANE TEMPERED GLASS

WINDUW DIMENSION (IN.)	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
DESIGN PRESSURE (PSF)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

ALLOWABLE SIZE & DESIGN PRESSURE TABLE FOR WINDOWS USING MIN. 5/32" SINGLE PANE TEMPERED GLASS

WINDUW DIMENSION (IN.)	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
DESIGN PRESSURE (PSF)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

TABLE NOTES:
(1) IN DETERMINING WIND LOADS, AFRM C1300-06 WAS USED CONSIDERING A 3 SECOND GUST WIND SPEED TO BE CONSISTENT WITH ASCE 7-98 CALCULATED PRESSURES.
(2) ALL WINDOW DIMENSION VALUES SHOWN ARE 6'-0" / 1'-0" & ARE FRAME (F.N. & F.N.) DIMENSIONS
(3) THOSE SIZES WITH LOADS LISTED ARE MAXIMUM ALLOWABLE SIZES AT THAT LOAD. IF NO LOAD IS LISTED FOR A GIVEN SIZE, THAT SIZE EXCEEDS ALLOWABLE AND IS NOT ACCEPTABLE.

MULLION LOAD TABLE

WINDUW DIMENSION (IN.)	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
ALLOWABLE PRESSURES (PSF)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

MULLION LOAD TABLE (CONT'D)

WINDUW DIMENSION (IN.)	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
ALLOWABLE PRESSURES (PSF)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

WINDUW "B1" - MULLION SECTION "B1" ON SHEET 2
WINDUW "B2" - MULLION SECTION "B2" ON SHEET 2
WINDUW "B3" - MULLION SECTION "B3" ON SHEET 2
NOTE: THE LESSER OF THE MULLION LOAD OR THE ALLOWABLE LOAD FOR THE WINDOWING WINDOWS SHALL CONTROL AS THE ALLOWABLE LOAD ON THE MULLION SYSTEM.

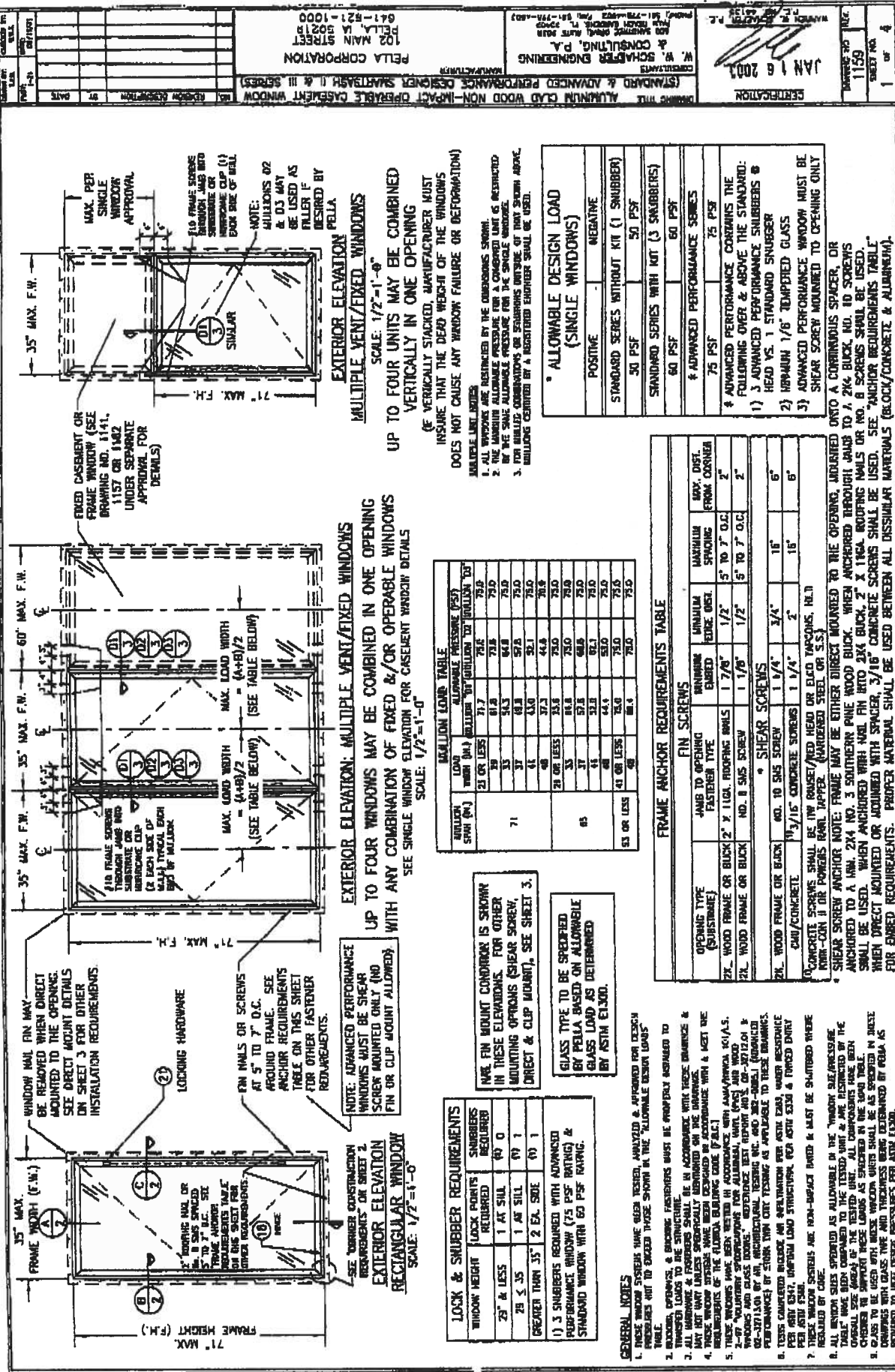
ALUMINUM CLAD WOOD FRAME NON-IMPACT WINDOWS

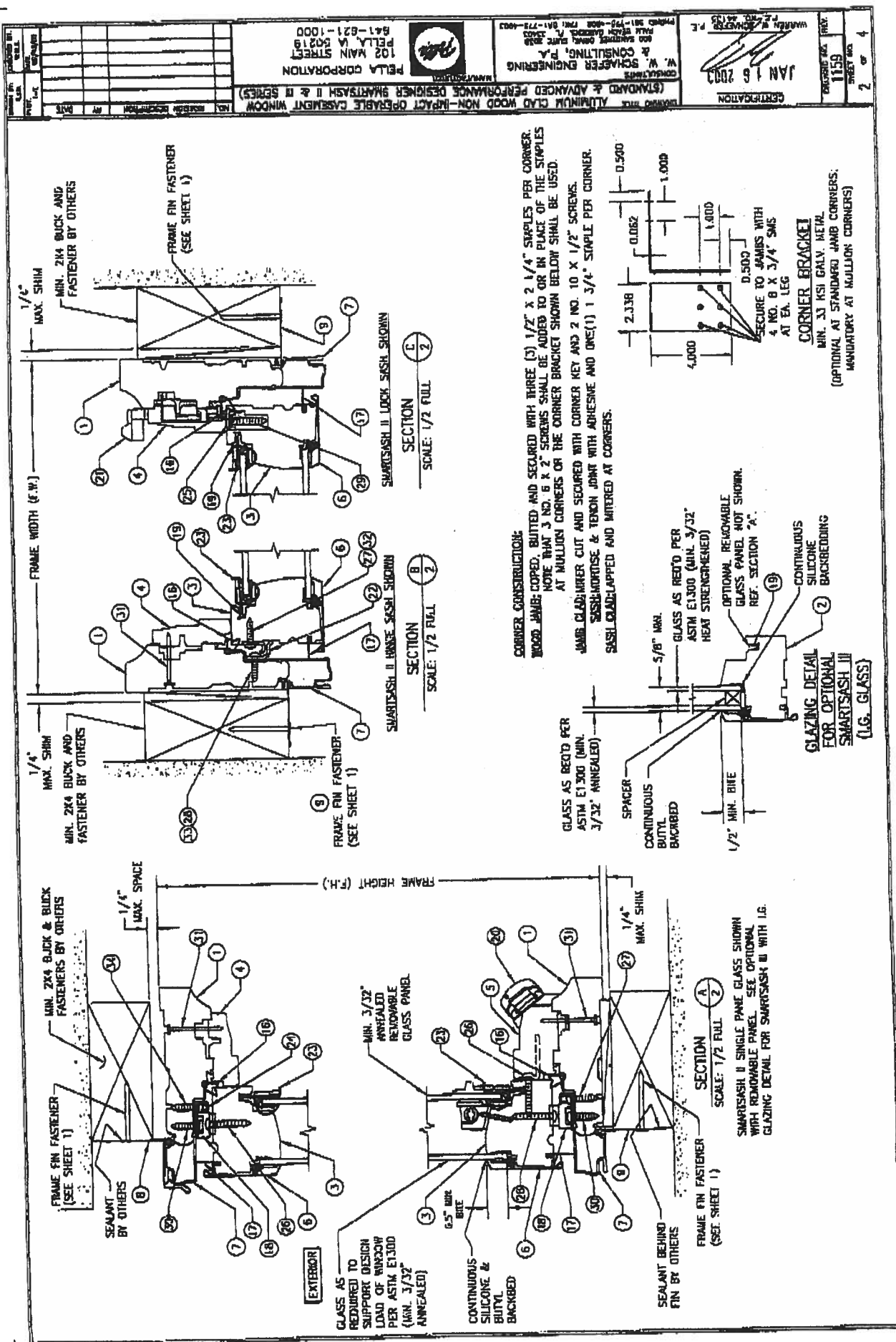
PELLA CORPORATION
102 MAIN STREET
PELLA, PA 15021
841-621-1000

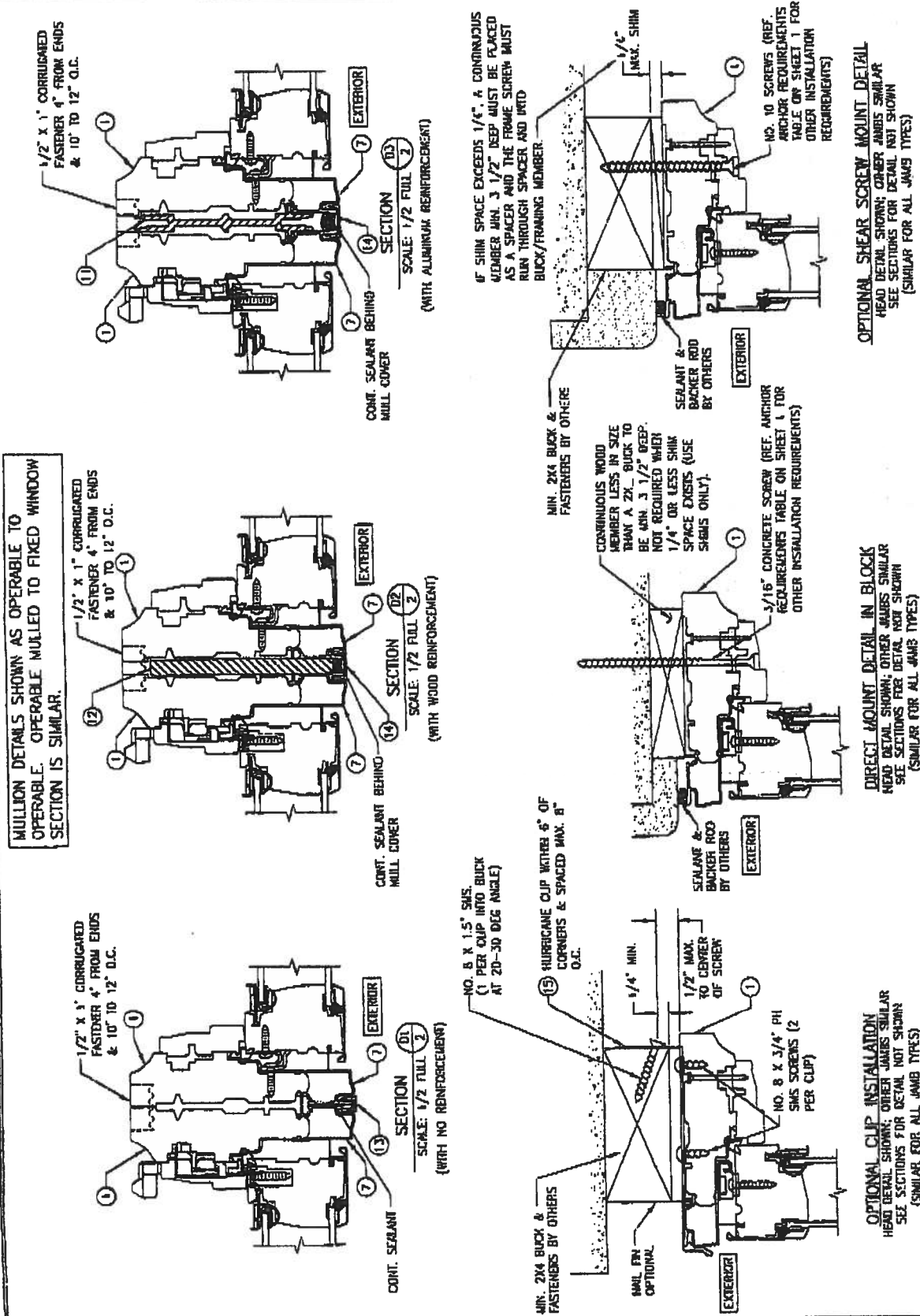
W. W. SCHWARTZ ENGINEERING
1000 W. 10TH STREET
PELHAM, NY 10563
914-261-7733

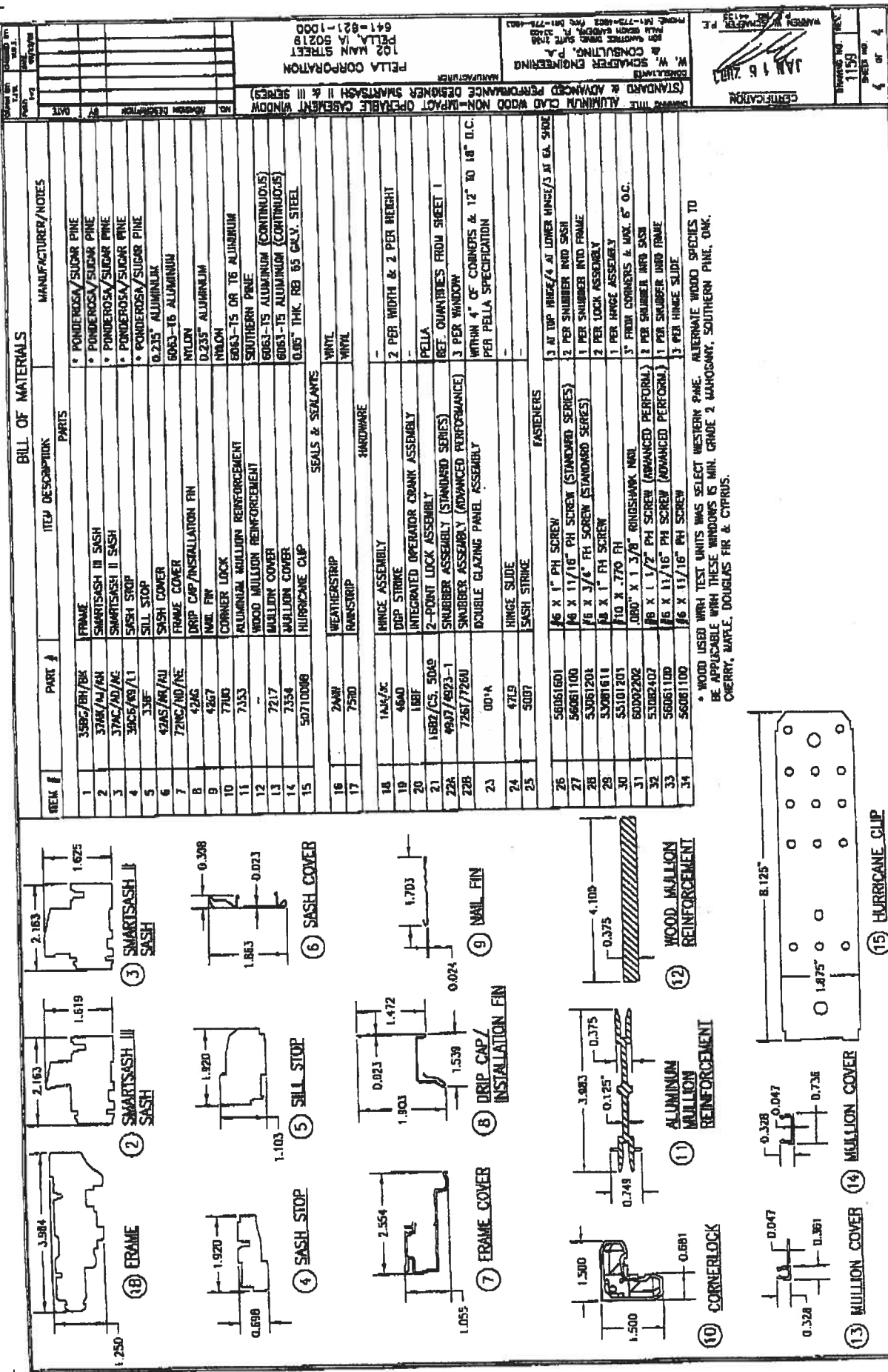
DATE: 03/28/2005
DRAWN BY: 1141
CHECKED BY: 4
OF 4

FEB 14 2003

[illegible]



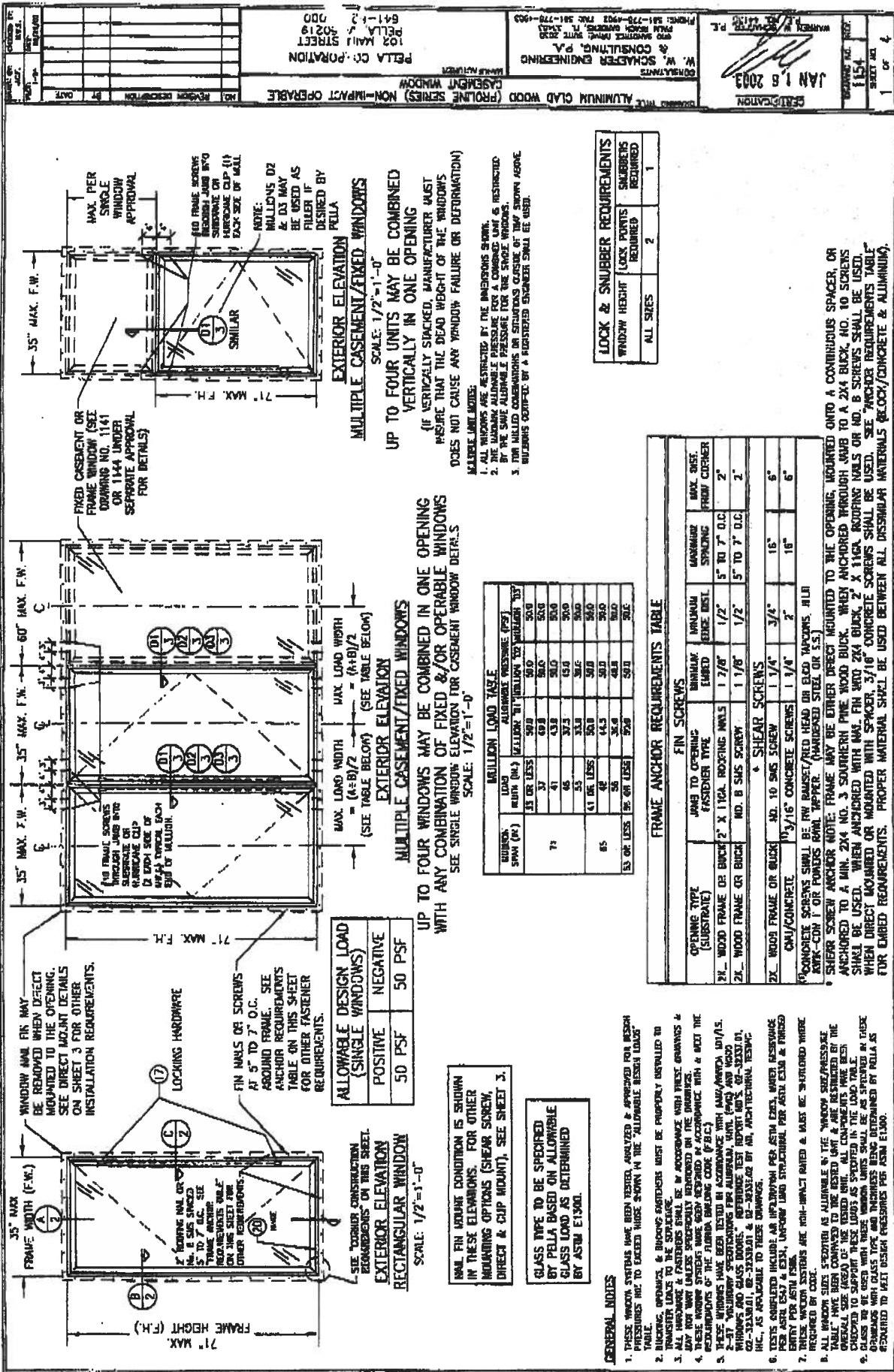


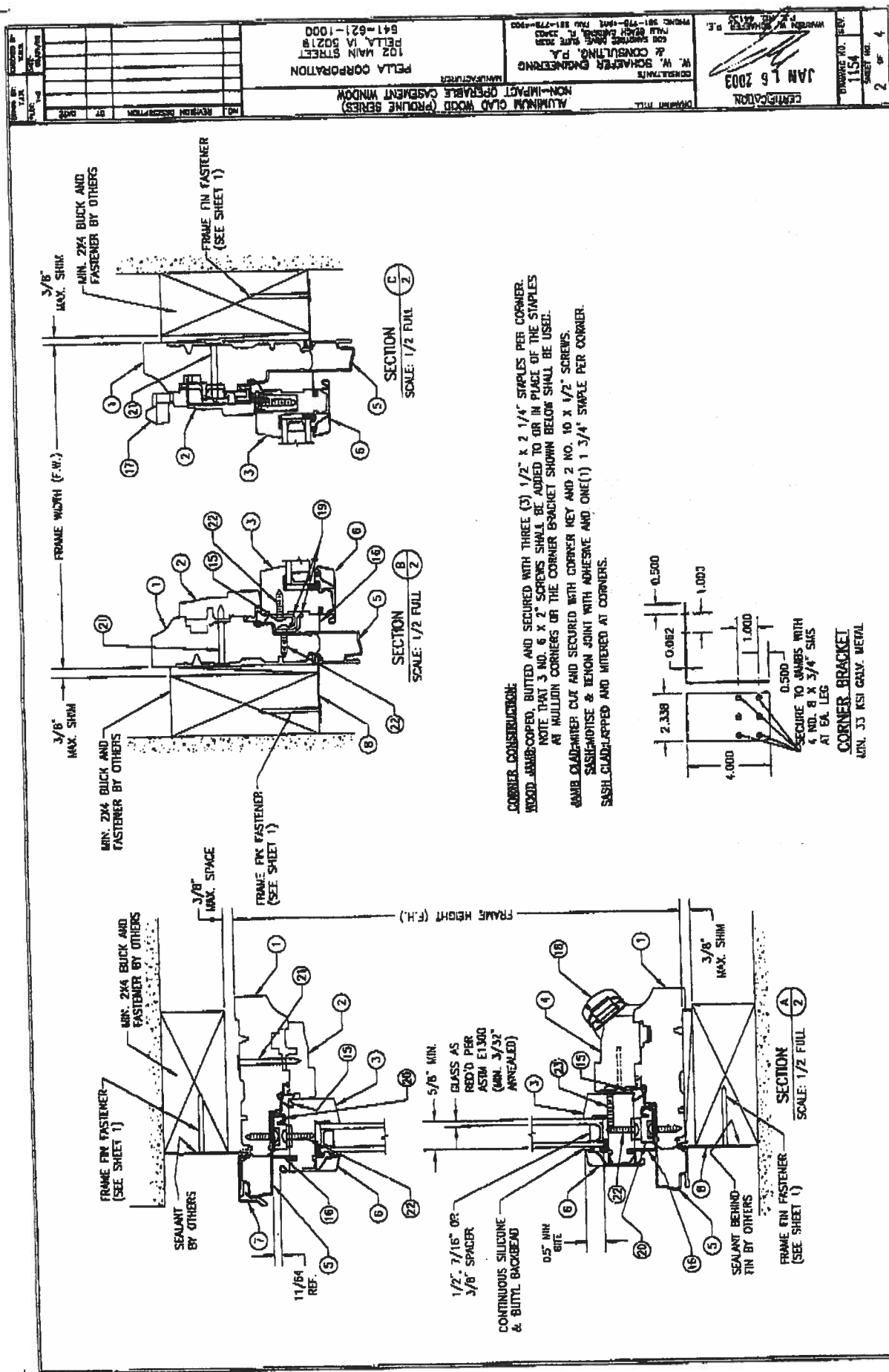


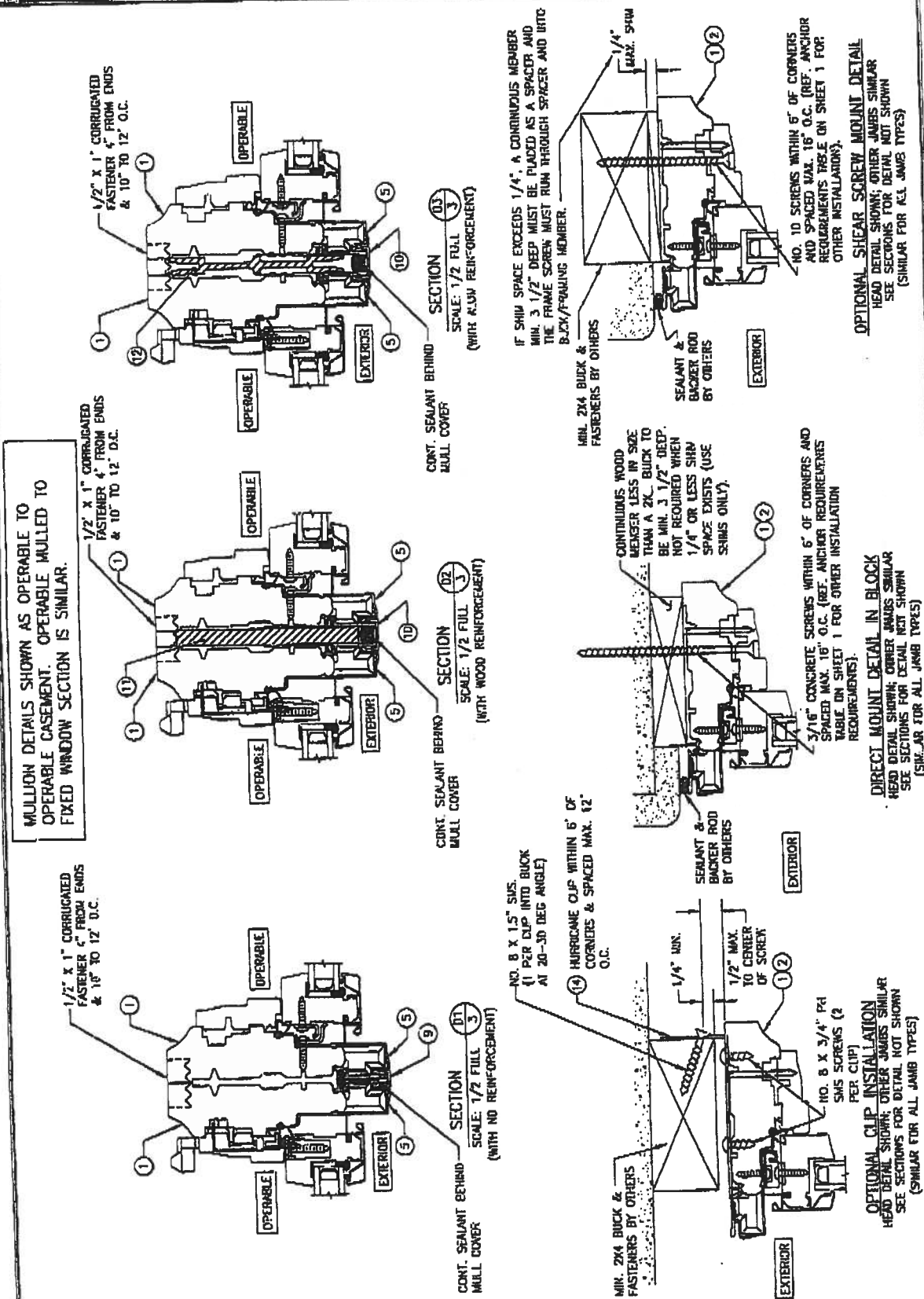
MANUFACTURER
PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50218
641-821-1000

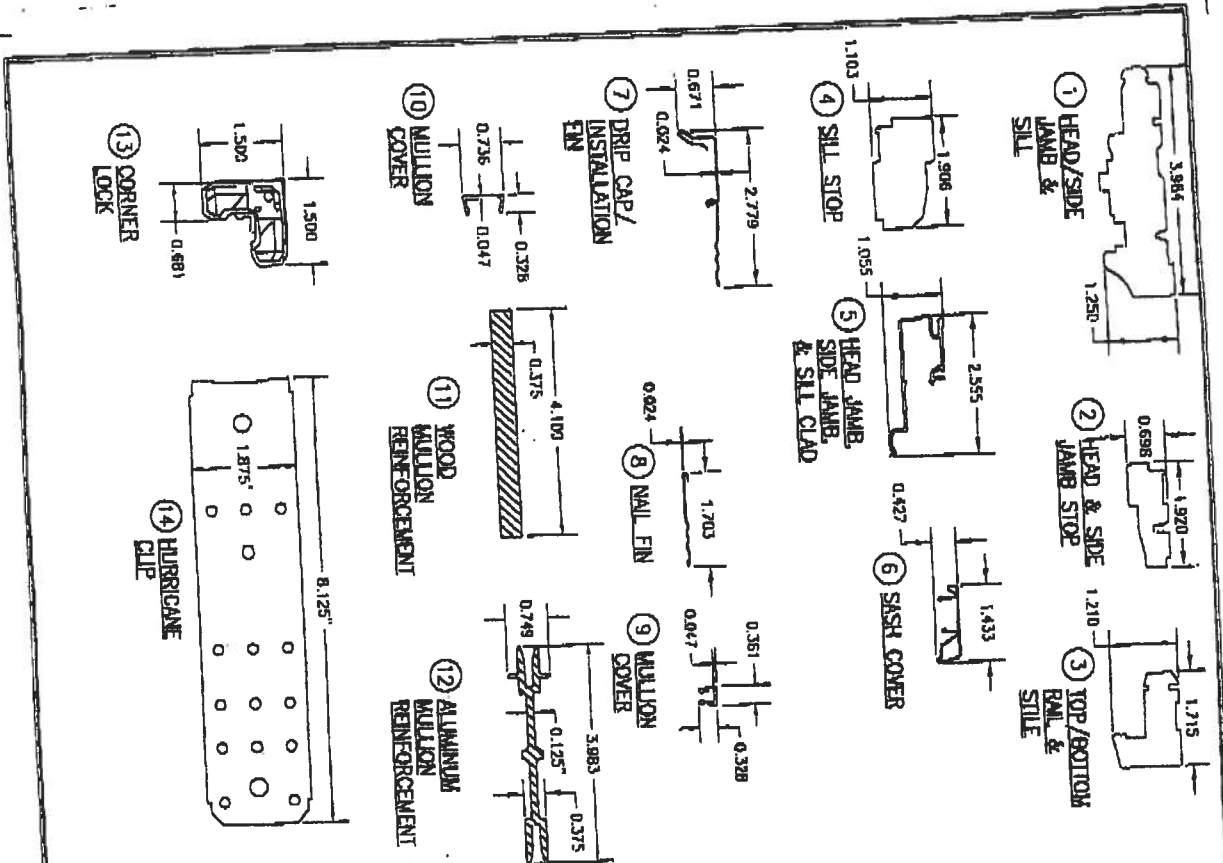
DESIGNER
W. W. SCHAEFER ENGINEERING
102 MAIN STREET
PELLA, IA 50218
641-821-1000

CERTIFICATION
JAN 16 2005
1159
4 of 4









BILL OF MATERIALS			
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
1	3586/78/18K	HEAD, SIDE JAMB & SILL	POUNDEROSA/SUGAR PINE
2	3008/79/AD/1	HEAD & SIDE JAMB STOP	POUNDEROSA/SUGAR PINE
3	3387/73/67/70	TOP/BOTTOM SASH RAIL & STILE	POUNDEROSA/SUGAR PINE
4	3387/78/0	SILL STOP	POUNDEROSA/SUGAR PINE
5	7242/78/0/18K	HEAD/SIDE JAMB & SILL CLAD	6063-16 ALUMINUM
6	4242/78/0/18K	SASH COVER	3003-114 OR 3105-112 ALUMINUM
7	4267	DRAIN CAP/INSTALLATION FIN	0.235" ALUMINUM
8	4267	NAIL FIN	6063-16 ALUMINUM (CONTINUOUS)
9	7217	MULLION COVER	6063-16 ALUMINUM (CONTINUOUS)
10	7354	WOOD MULLION REINFORCEMENT	SOUTHERN PINE
11	7353	ALUMINUM MULLION REINFORCEMENT	6063-15 OR 16 ALUMINUM
12	7710	CORNER LOCK	INALON
13	5071	HURRICANE CLIP	0.05" THK. B8 85 ONLY. STEEL
14		SEALS & SCREWS	
15	224W	WEATHERSTRIP	REMOVABLE SEMI-RIGID PVC
16	7590	WEATHERSTRIP	FLEXIBLE SEMI-RIGID PVC
17	1682/78/18K/5/76	2-POINT LOCK ASSEMBLY	PELLA
18	168F	OPERATOR CRANK ASSEMBLY	PELLA/TEUTH
19	4917/48/3	METAL SHIMBELLS	PELLA
20	144/03/AC/10	TOP & BOTTOM SCISSOR LANGE MISCELLANEOUS FASTENERS	PELLA S.S.
21		NAIL, 10d x 1 1/2" LONG SINK NAIL	5" FROM EDGES & 4" O.C.
22	56061100	SCREW, #6 x 1 1/16" PH	2/SASH SHIMBELLS & 1/JAMB SHIMBELLS
23	56061601	SCREW, #8 x 1" PH	AS NOTED WITH OPERATOR

* WOOD USED WITH THESE UNITS WAS SELECT WESTERN PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 WOODCHERRY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRESS.

CERTIFICATION JAN 16 2001 W. W. SCHAEFER ENGINEERING & CONSULTING, P.E. 600 WINDYBARK DRIVE, SUITE 603N PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4808 FAX: 561-775-4803		PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-821-1000	
ALUMINUM CLAD WOOD (PROLINE SERIES) NON-IMPACT DOUBLE HUNG WINDOW		MANUFACTURER	
DRAWING TITLE CONSULTANT W. W. SCHAEFER ENGINEERING & CONSULTING, P.E. 600 WINDYBARK DRIVE, SUITE 603N PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4808 FAX: 561-775-4803	DRAWING NO. 1154 SHEET NO. 4 OF 4	REVISION DESCRIPTION ALL DATE	CHECKED BY DATE